

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113291.D
 Acq On : 26 Mar 2019 14:53
 Operator : JU/SJ
 Sample : K2081-14MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Manual Integrations
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Sohil
 3/27/2019 3:17:39 PM

Quant Time: Mar 27 06:54:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151956	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	628455	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	303892	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	633233	20.00	ng	0.00
76) Chrysene-d12	13.84	240	476071	20.00	ng	0.00
87) Perylene-d12	15.24	264	453451	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1156883	124.49	ng	0.01
7) Phenol-d6	6.36	99	1410120	119.94	ng	0.00
23) Nitrobenzene-d5	7.27	82	910350	85.98	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	490945	130.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1723913	89.94	ng	0.00
79) Terphenyl-d14	12.79	244	1966469	91.05	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.40	88	157634	33.432 ng	99
3) Pyridine	3.12	79	383970	33.033 ng	97
4) n-Nitrosodimethylamine	3.04	42	188561	36.490 ng	96
6) Aniline	6.37	93	338321	23.631 ng	# 52
8) 2-Chlorophenol	6.49	128	395311	36.630 ng	100
9) Benzaldehyde	6.25	77	93157	11.808 ng	99
10) Phenol	6.37	94	510006	37.999 ng	86
11) bis(2-Chloroethyl)ether	6.45	93	387268	37.642 ng	98
12) 1,3-Dichlorobenzene	6.65	146	415245	35.696 ng	98
13) 1,4-Dichlorobenzene	6.72	146	420506	37.438 ng	99
14) 1,2-Dichlorobenzene	6.87	146	391385	35.419 ng	98
15) Benzyl Alcohol	6.85	79	325309	41.943 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	600911	38.880 ng	100
17) 2-Methylphenol	6.97	107	322516	38.134 ng	99
18) Hexachloroethane	7.22	117	154579	38.317 ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	276683	37.467 ng	99
20) 3+4-Methylphenols	7.13	107	418329	42.676 ng	93
22) Acetophenone	7.12	105	551961	38.512 ng	# 98
24) Nitrobenzene	7.29	77	431684	39.070 ng	97
25) Isophorone	7.53	82	824765	40.194 ng	98
26) 2-Nitrophenol	7.60	139	245623	42.057 ng	93
27) 2,4-Dimethylphenol	7.65	122	391746	46.630 ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	533104	41.256 ng	99
29) 2,4-Dichlorophenol	7.85	162	381739	41.930 ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	395963	40.312 ng	98
31) Naphthalene	8.01	128	1246423	40.585 ng	99
32) Benzoic acid	7.74	122	33361	4.933 ng	99
33) 4-Chloroaniline	8.06	127	268989	22.461 ng	99
34) Hexachlorobutadiene	8.13	225	227021	38.887 ng	98
35) Caprolactam	8.43	113	126711m	43.366 ng	
36) 4-Chloro-3-methylphenol	8.56	107	386639	42.223 ng	100
37) 2-Methylnaphthalene	8.70	142	830454	43.337 ng	99
38) 1-Methylnaphthalene	8.80	142	784426	42.558 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	380170	38.972 ng	99

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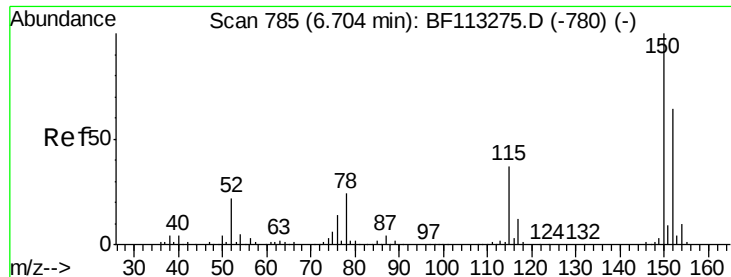
Manual Integrations
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 3/27/2019 3:17:39 PM

Quant Time: Mar 27 06:54:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	368073	89.143	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	273371	43.035	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	292497	41.607	ng	99
46) 1,1'-Biphenyl	9.16	154	1011879	39.868	ng	99
47) 2-Chloronaphthalene	9.19	162	773070	39.559	ng	99
48) 2-Nitroaniline	9.28	65	258325	42.123	ng	96
49) Acenaphthylene	9.60	152	1274170	40.325	ng	99
50) Dimethylphthalate	9.46	163	1071492	47.578	ng	99
51) 2,6-Dinitrotoluene	9.53	165	211953	41.718	ng	90
52) Acenaphthene	9.77	154	718054	40.353	ng	100
53) 3-Nitroaniline	9.69	138	183405	32.011	ng	96
54) 2,4-Dinitrophenol	9.80	184	78657	31.128	ng	91
55) Dibenzofuran	9.94	168	1093598	40.881	ng	99
56) 4-Nitrophenol	9.87	139	324879	79.534	ng	97
57) 2,4-Dinitrotoluene	9.93	165	270804	41.913	ng	96
58) Fluorene	10.29	166	830798	39.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	254508	42.811	ng	98
60) Diethylphthalate	10.16	149	909837	41.183	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	407826	40.266	ng	96
62) 4-Nitroaniline	10.30	138	241990	41.022	ng	98
63) Azobenzene	10.43	77	848899	40.819	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	116872	33.738	ng	85
66) n-Nitrosodiphenylamine	10.40	169	775108	39.890	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	275230	39.878	ng	94
68) Hexachlorobenzene	10.83	284	319912	39.933	ng	95
69) Atrazine	10.92	200	250918	40.912	ng	97
70) Pentachlorophenol	11.03	266	314588	75.372	ng	98
71) Phenanthrene	11.24	178	1241706	39.486	ng	100
72) Anthracene	11.29	178	1303618	40.813	ng	99
73) Carbazole	11.45	167	1232850	40.449	ng	100
74) Di-n-butylphthalate	11.78	149	1422655	40.251	ng	100
75) Fluoranthene	12.42	202	1366389	38.436	ng	100
77) Benzidine	12.54	184	418982	22.982	ng	97
78) Pyrene	12.64	202	1392729	42.217	ng	99
80) Butylbenzylphthalate	13.27	149	613611	42.204	ng	94
81) Benzo(a)anthracene	13.83	228	1060330	38.910	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	312932	28.624	ng	100
83) Chrysene	13.87	228	1091156	39.421	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	744078	41.747	ng	99
85) Di-n-octyl phthalate	14.43	149	1311251	43.341	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1146651	48.269	ng	99
88) Benzo(b)fluoranthene	14.84	252	1029795	36.559	ng	99
89) Benzo(k)fluoranthene	14.87	252	1017744	41.143	ng	100
90) Benzo(a)pyrene	15.19	252	994443	39.822	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	952073	44.093	ng	99
92) Benzo(g,h,i)perylene	17.00	276	947563	43.523	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

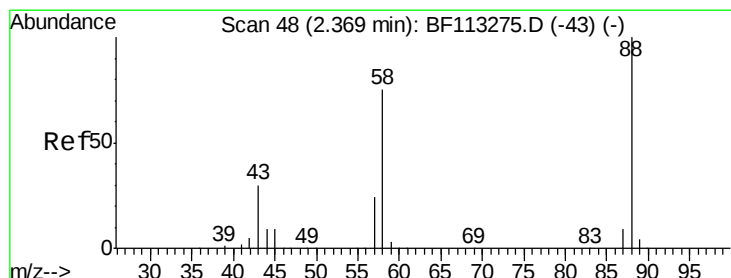
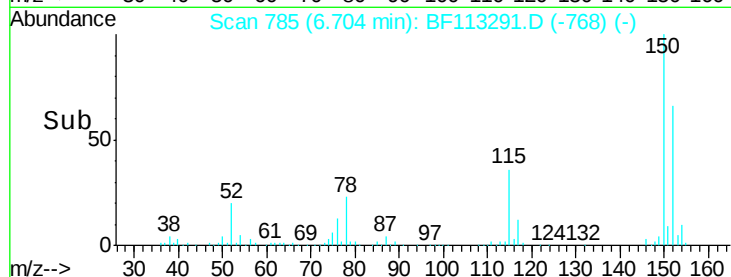
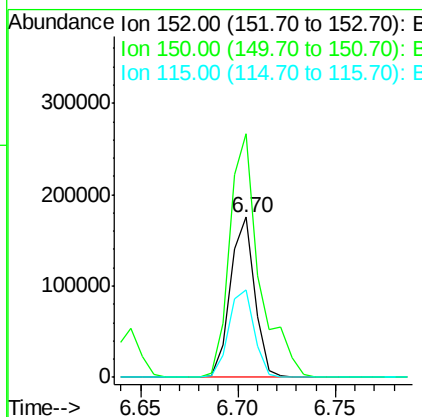
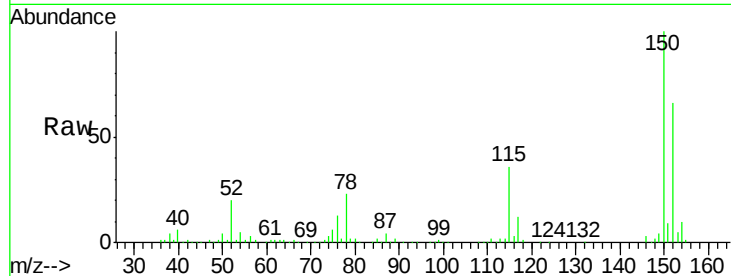
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.7	187.1
115	54.8	46.0	69.0

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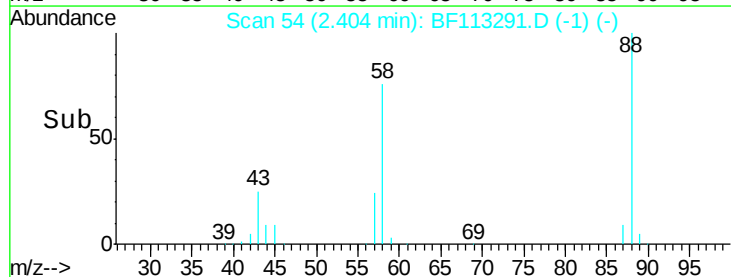
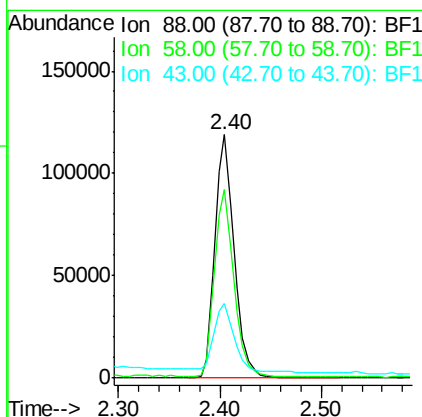
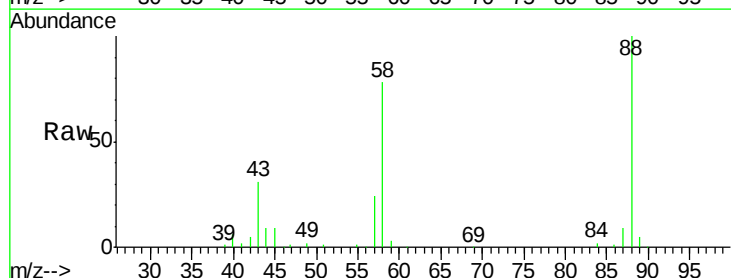
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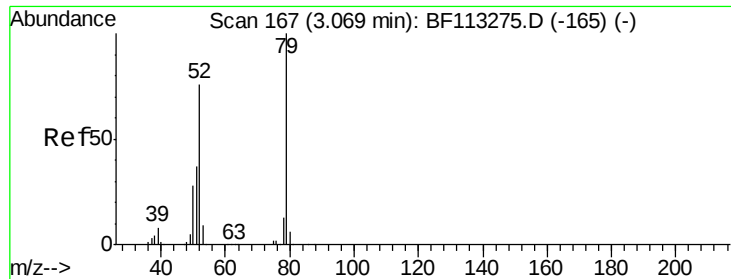


#2

1,4-Dioxane
Concen: 33.432 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	61.9	92.9
43	29.2	24.2	36.4





#3

Pyridine

Concen: 33.033 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

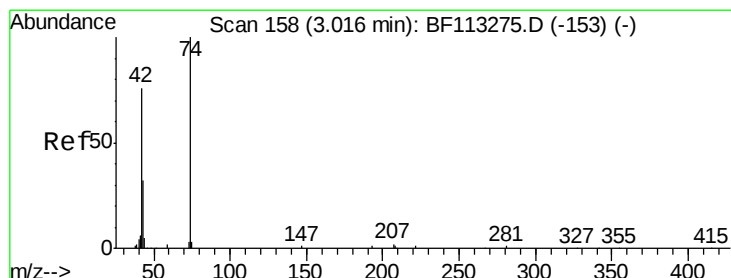
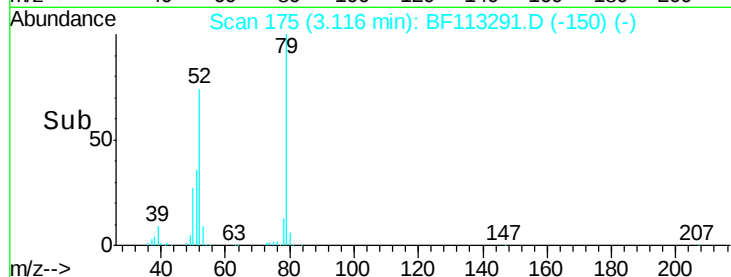
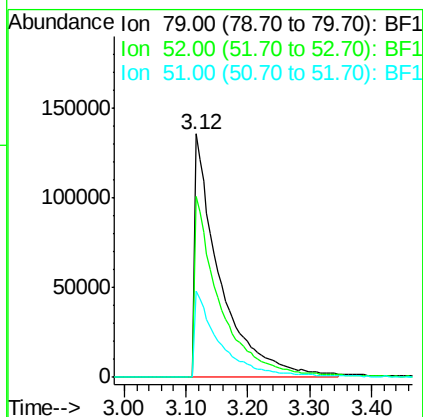
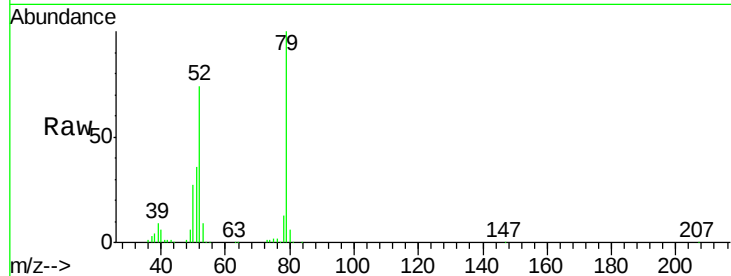
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	79	Resp:	383970
Ion Ratio	Lower	Upper	
79	100		
52	74.4	61.0	91.4
51	35.6	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.490 ng

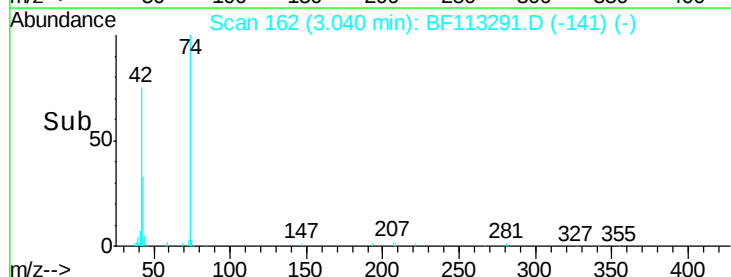
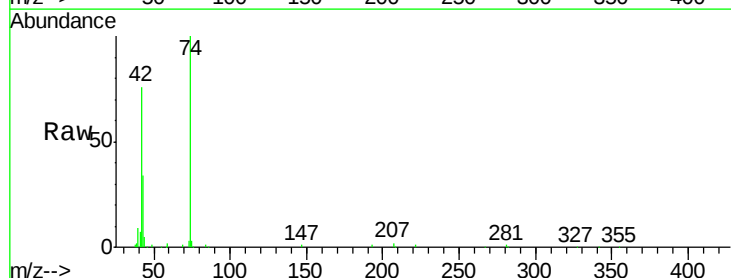
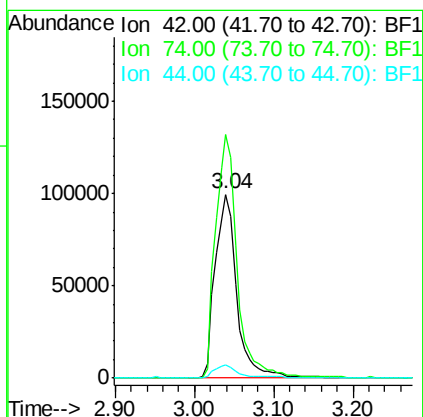
RT: 3.04 min Scan# 162

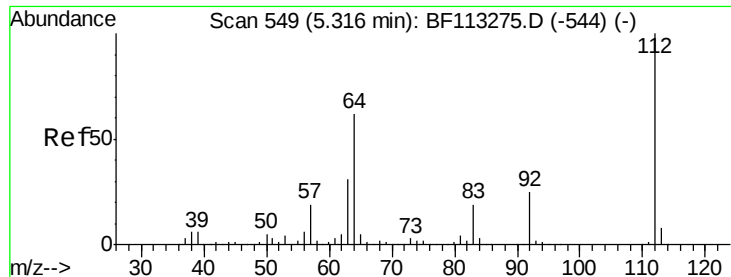
Delta R.T. 0.02 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	42	Resp:	188561
Ion Ratio	Lower	Upper	
42	100		
74	132.3	102.4	153.6
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 124.486 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion: 112 Resp: 1156883

Ion Ratio Lower Upper

112 100

64 59.5 49.2 73.8

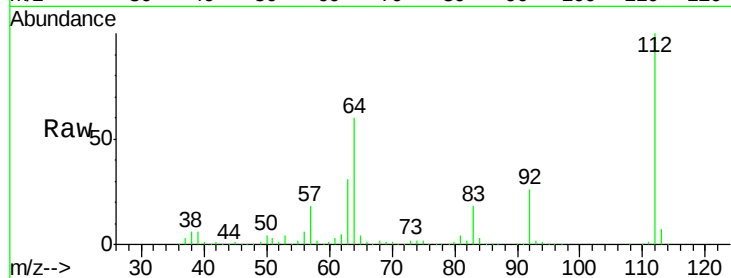
63 30.5 24.9 37.3

Manual Integrations

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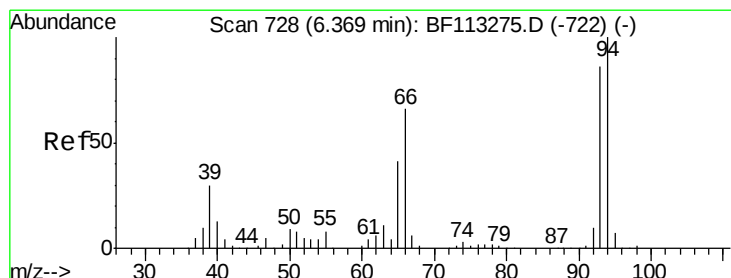
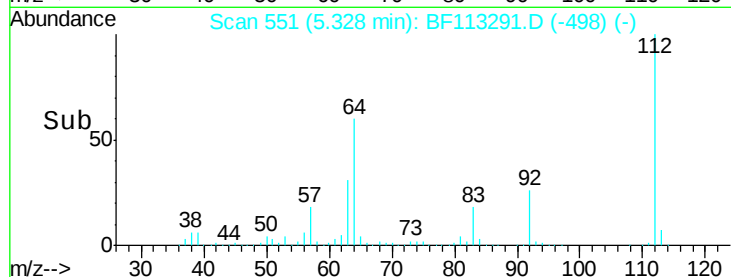
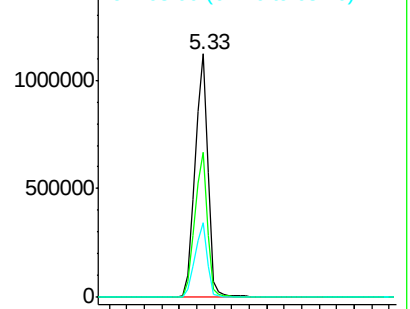
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.631 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

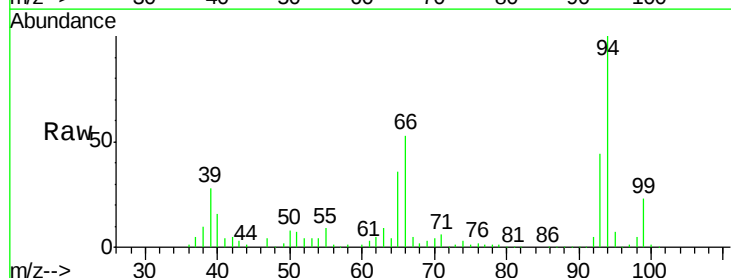
Tgt Ion: 93 Resp: 338321

Ion Ratio Lower Upper

93 100

66 119.8 62.1 93.1#

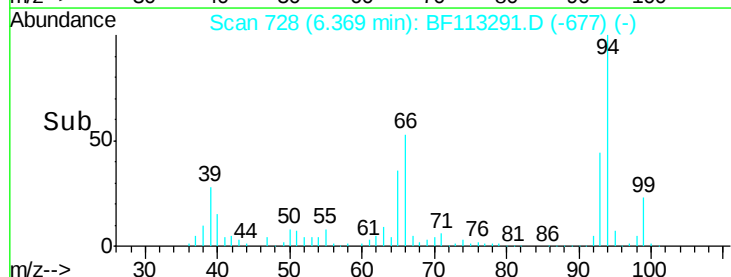
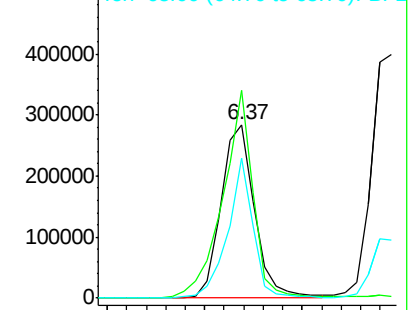
65 80.7 38.7 58.1#

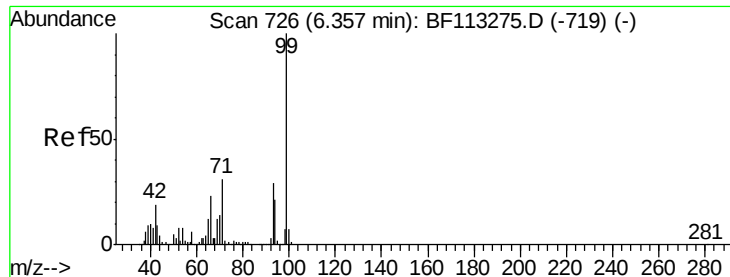


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.944 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

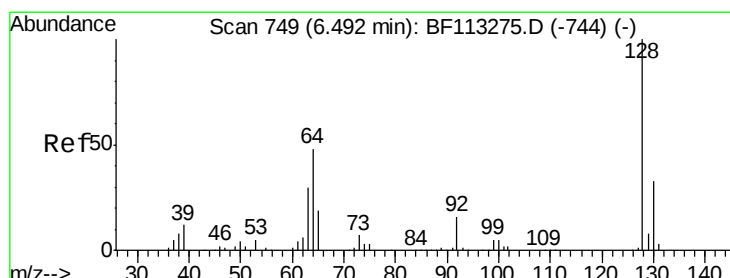
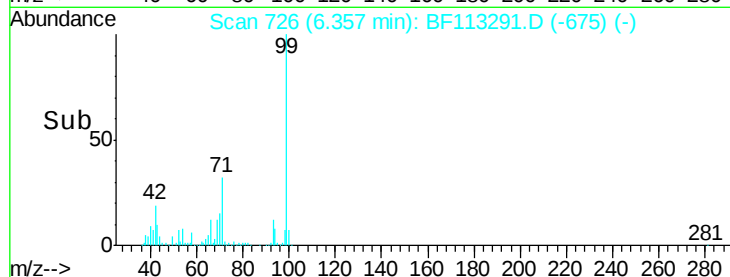
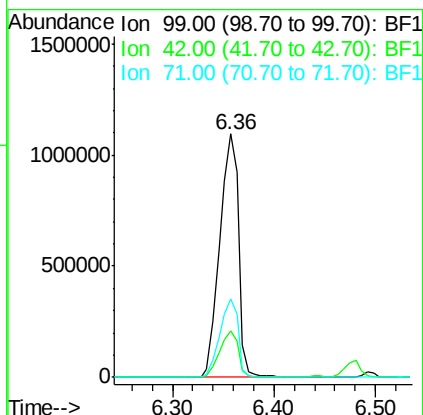
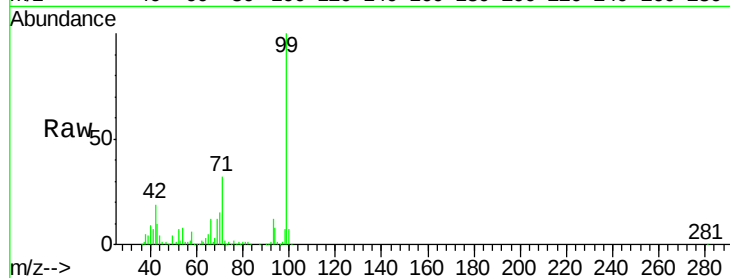
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	99	Resp:	1410120
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.8	22.2
71	32.3	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.630 ng

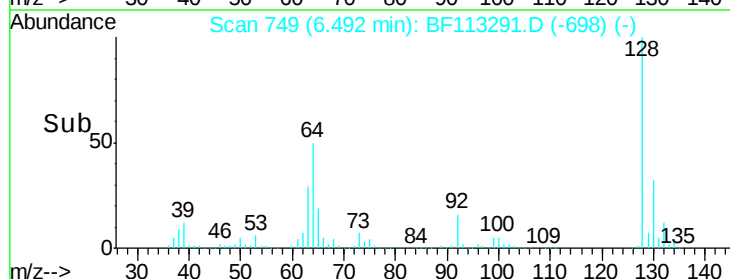
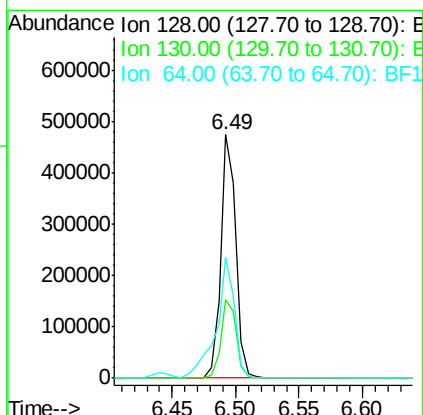
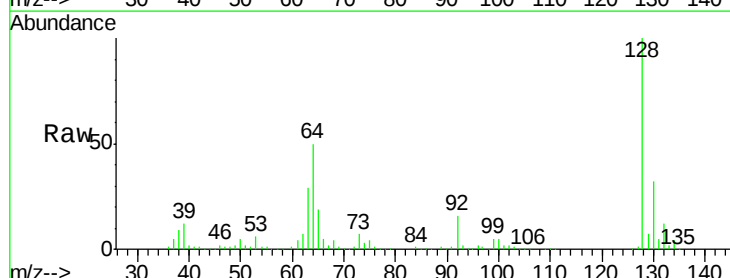
RT: 6.49 min Scan# 749

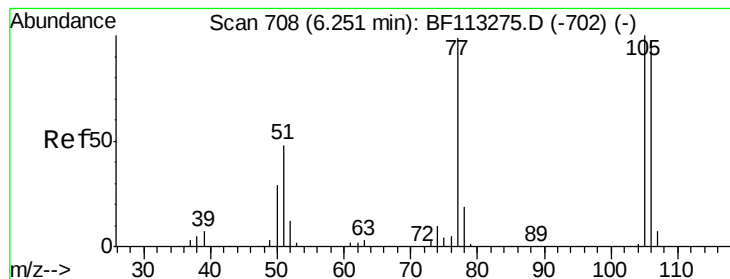
Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	128	Resp:	395311
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	49.6	29.4	69.4





#9

Benzaldehyde

Concen: 11.808 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

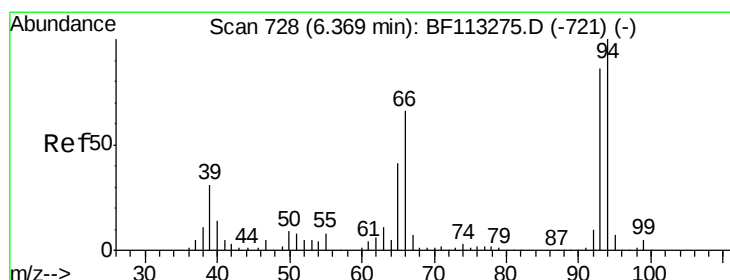
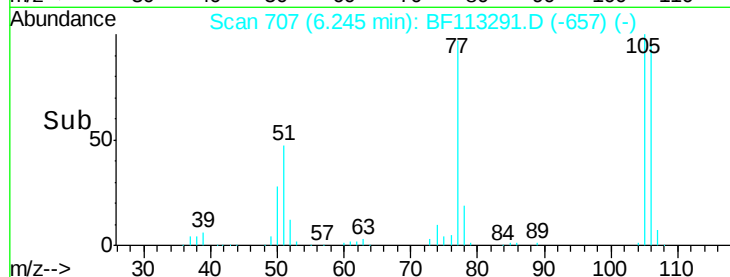
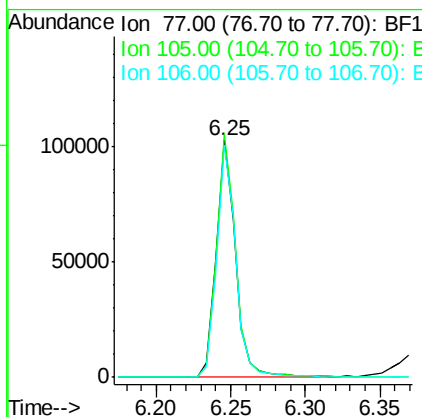
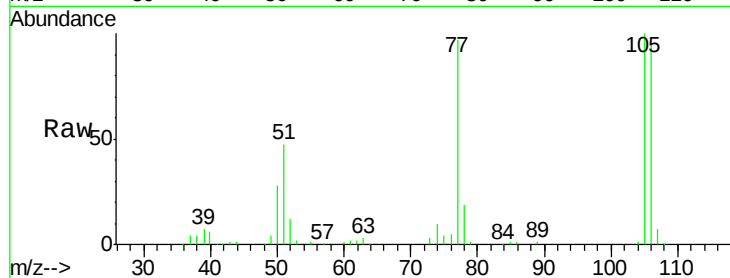
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	77	Resp:	93157
Ion	Ratio	Lower	Upper
77	100		
105	102.8	80.9	120.9
106	98.1	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 37.999 ng

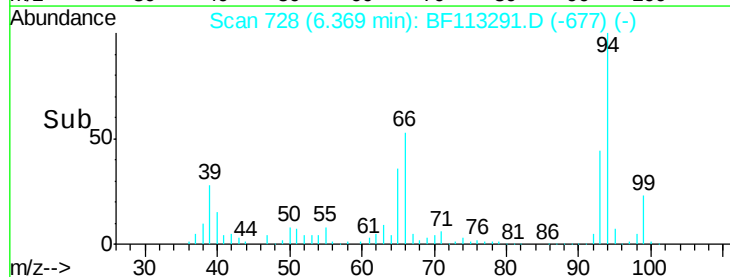
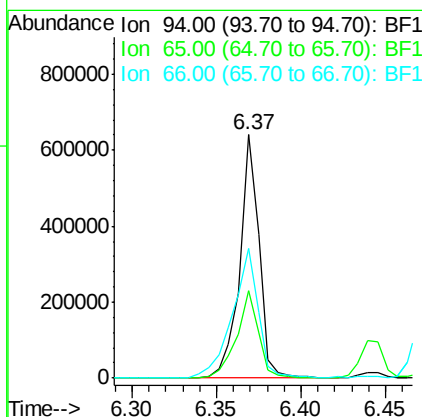
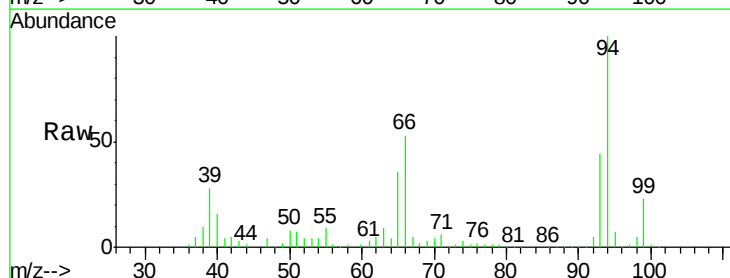
RT: 6.37 min Scan# 728

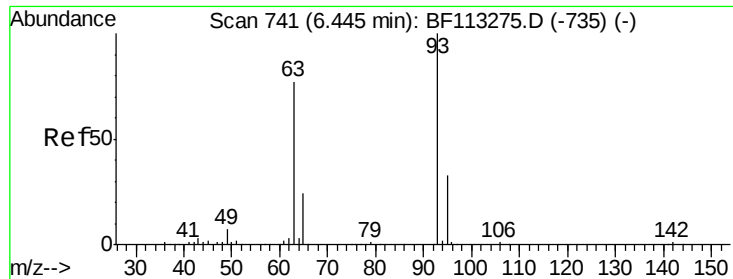
Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	94	Resp:	510006
Ion	Ratio	Lower	Upper
94	100		
65	35.8	21.4	61.4
66	53.2	46.4	86.4





#11

bis(2-Chloroethyl)ether

Concen: 37.642 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion: 93 Resp: 387268

Ion Ratio Lower Upper

93 100

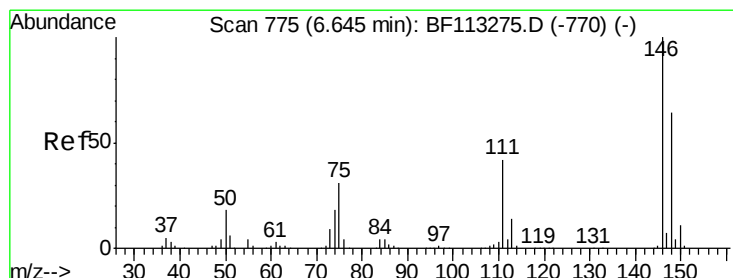
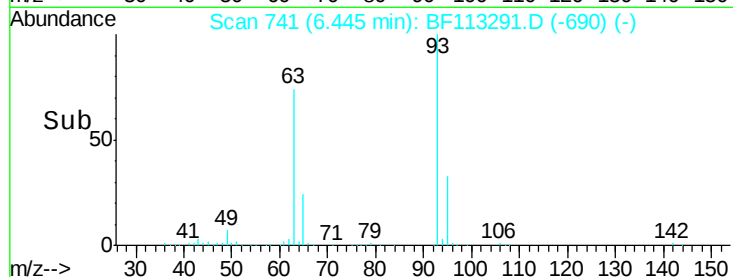
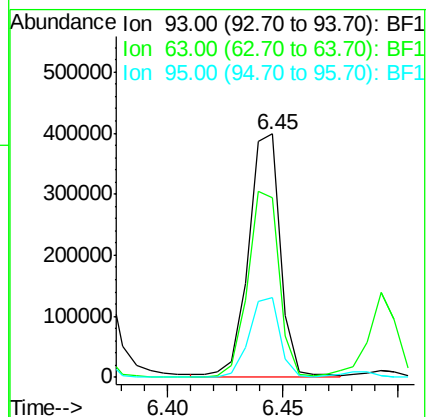
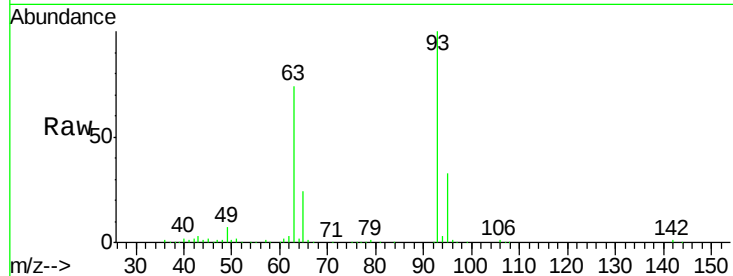
63 73.9 56.1 96.1

95 33.0 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 35.696 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

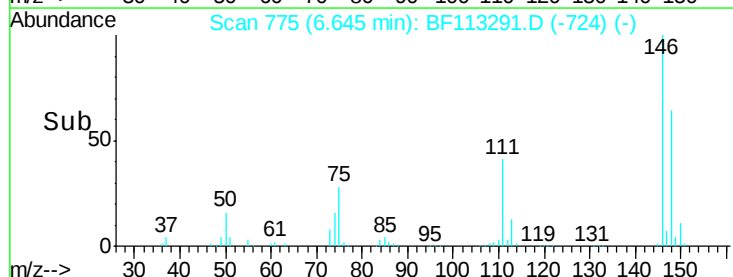
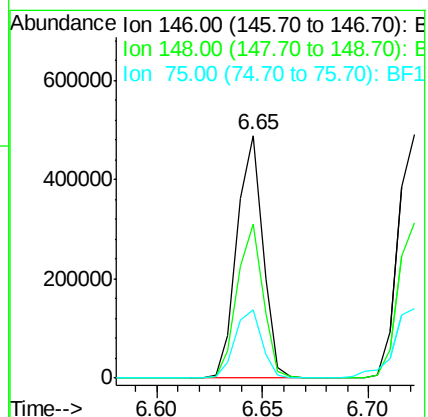
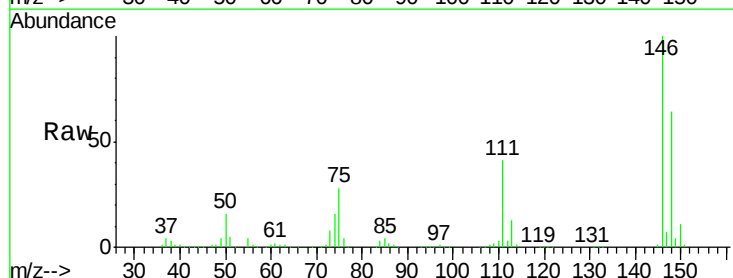
Tgt Ion: 146 Resp: 415245

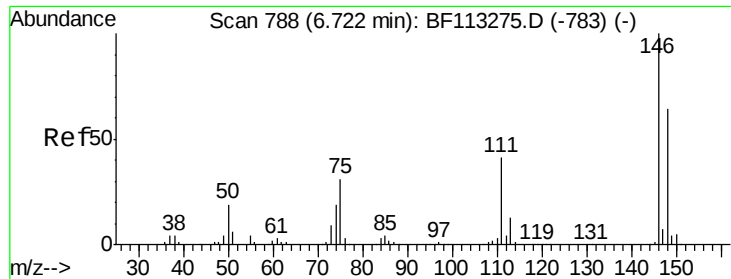
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

75 28.1 24.8 37.2





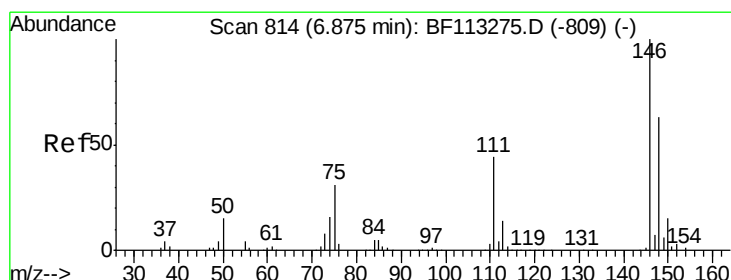
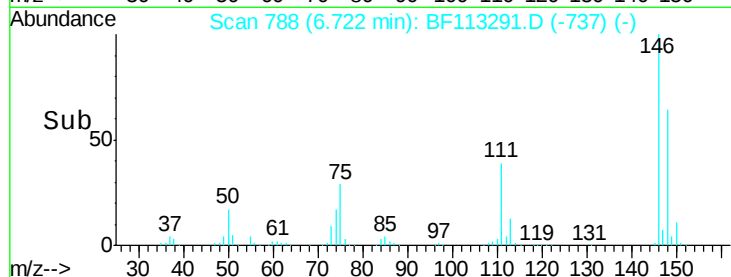
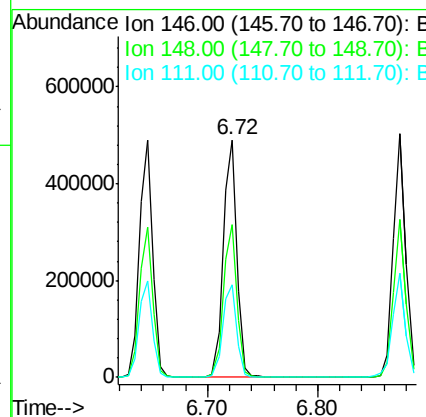
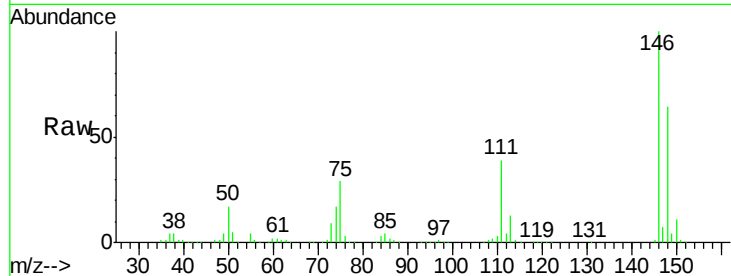
#13
 1,4-Dichlorobenzene
 Concen: 37.438 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420506		
148	64.1	51.1	76.7	
111	38.8	32.8	49.2	

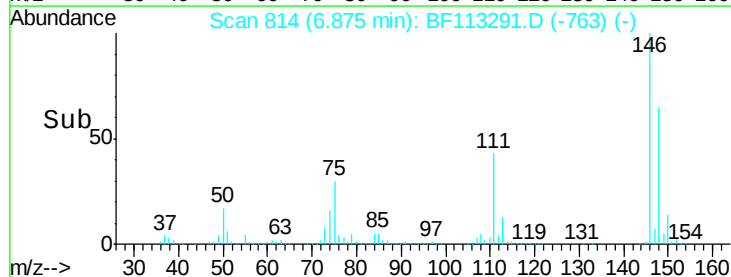
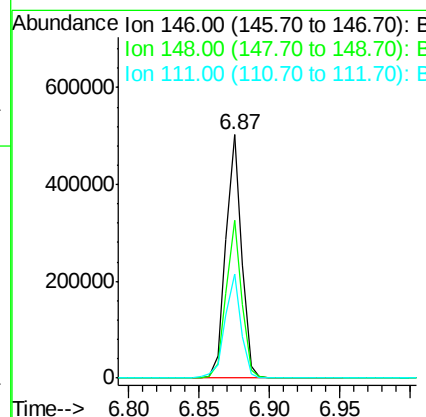
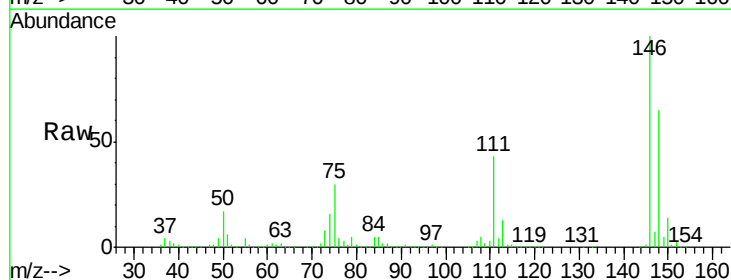
Manual Integrations
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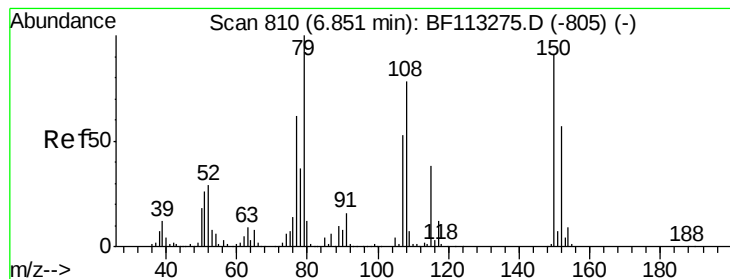
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.419 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	391385		
148	64.7	50.2	75.4	
111	42.9	35.4	53.2	





#15

Benzyl Alcohol

Concen: 41.943 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

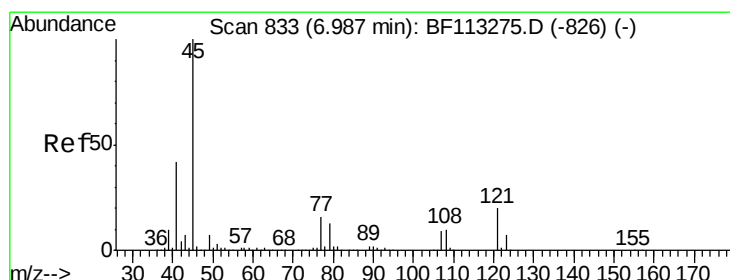
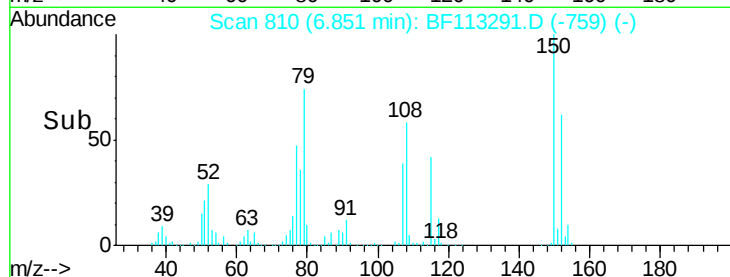
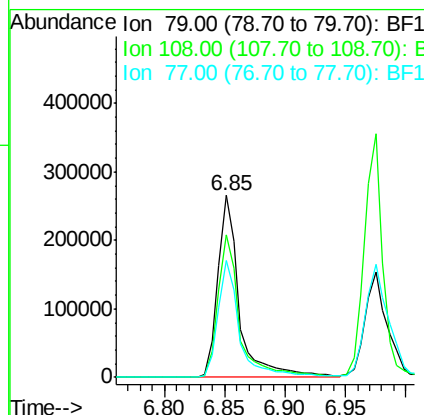
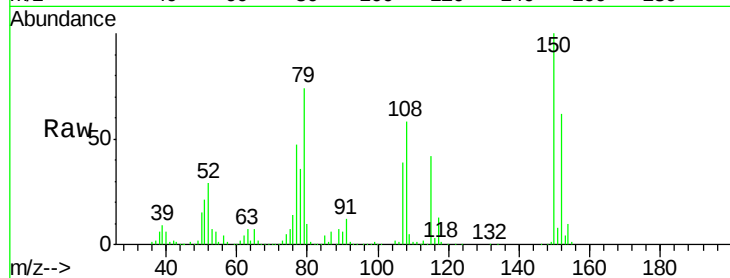
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	79	Resp:	325309
Ion	Ratio	Lower	Upper
79	100		
108	78.3	62.0	93.0
77	64.0	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.880 ng

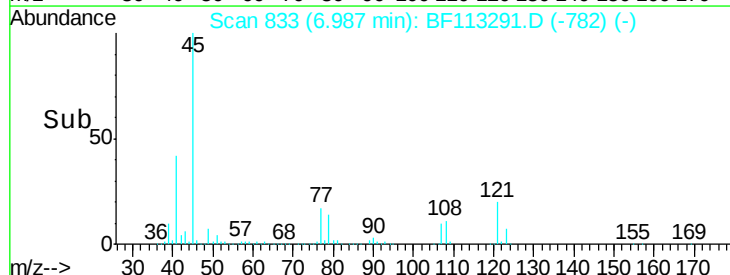
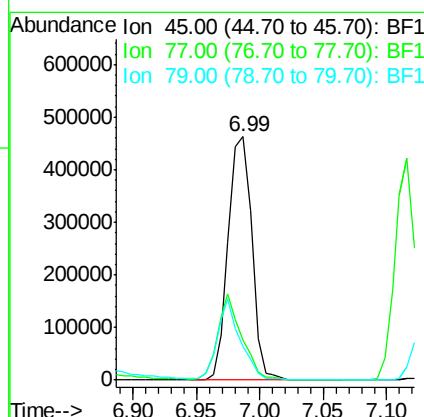
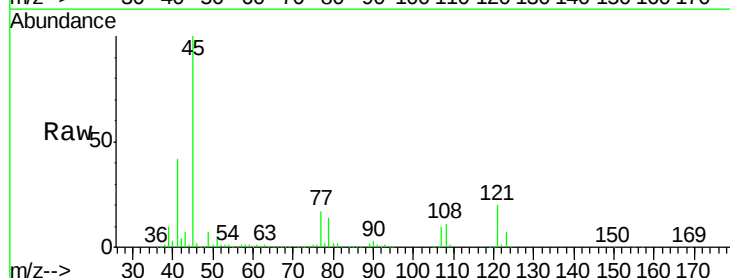
RT: 6.99 min Scan# 833

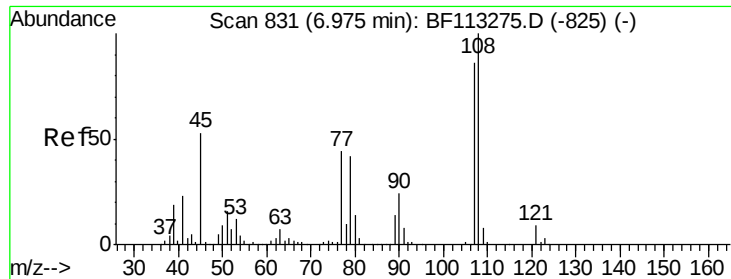
Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	45	Resp:	600911
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.6
79	13.6	0.0	34.0





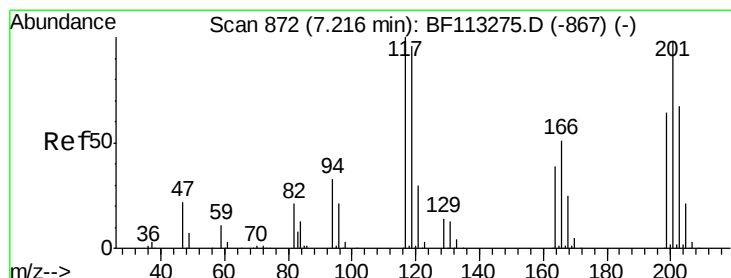
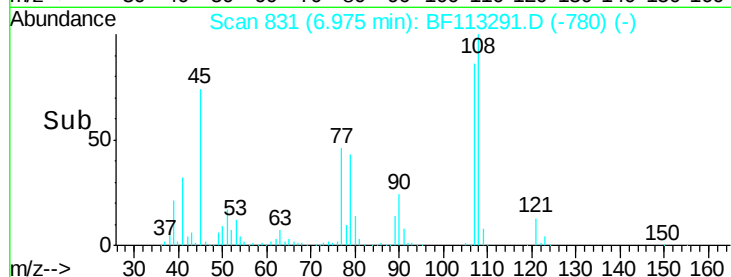
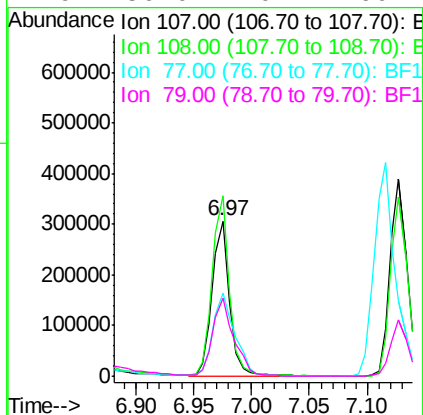
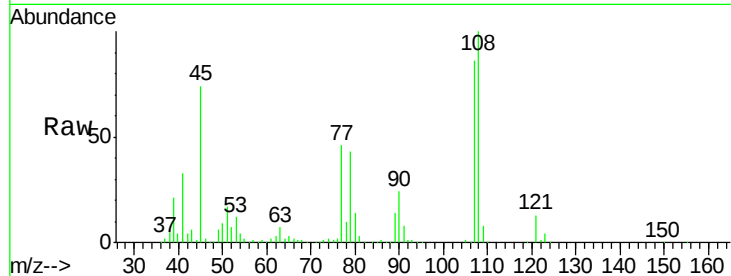
#17
2-Methylphenol
Concen: 38.134 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	322516		
108	115.8	93.4	140.0	
77	53.7	41.2	61.8	
79	50.0	40.1	60.1	

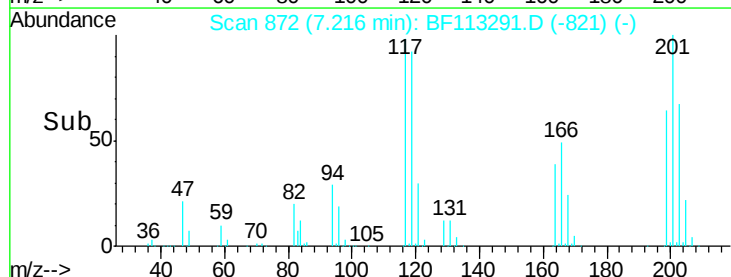
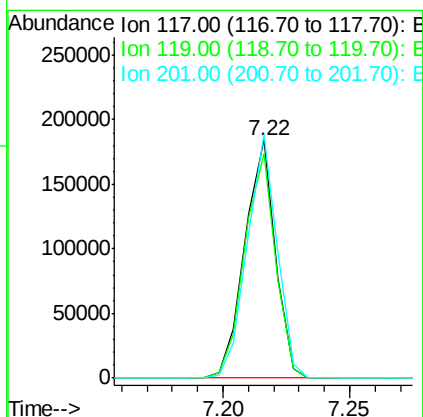
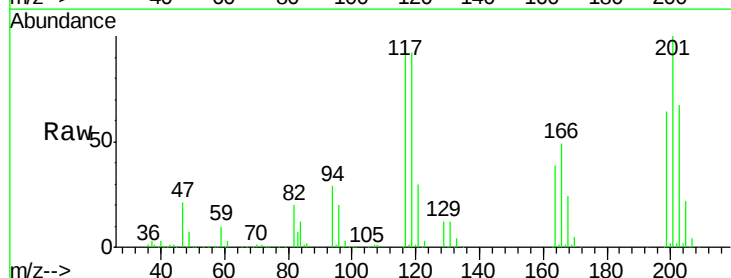
Manual Integrations
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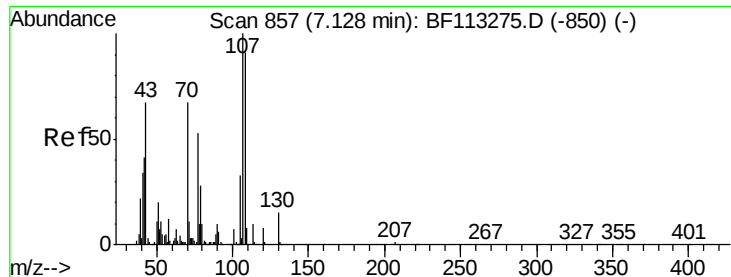
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#18
Hexachloroethane
Concen: 38.317 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	154579		
119	94.0	76.9	115.3	
201	102.2	78.7	118.1	





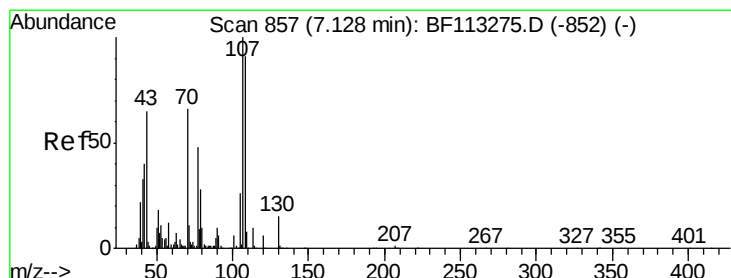
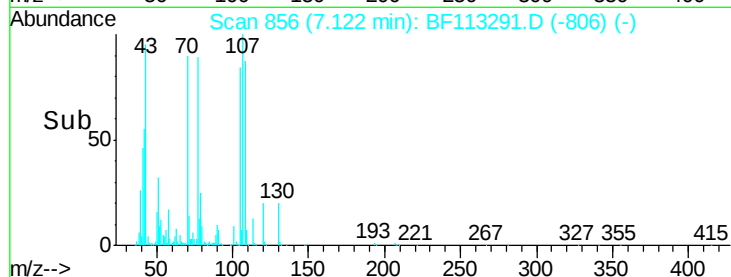
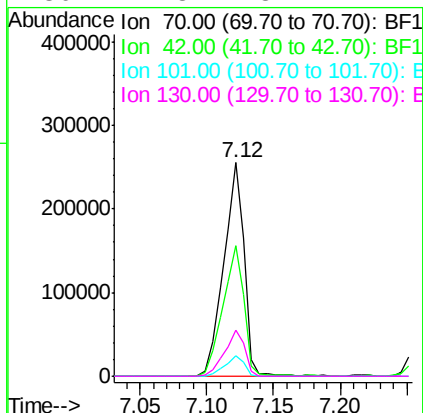
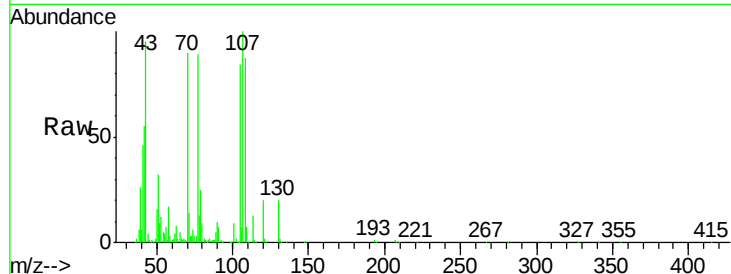
#19
n-Nitroso-di-n-propylamine
Concen: 37.467 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.2	48.4	72.6
101	9.9	7.8	11.8
130	21.8	18.2	27.4

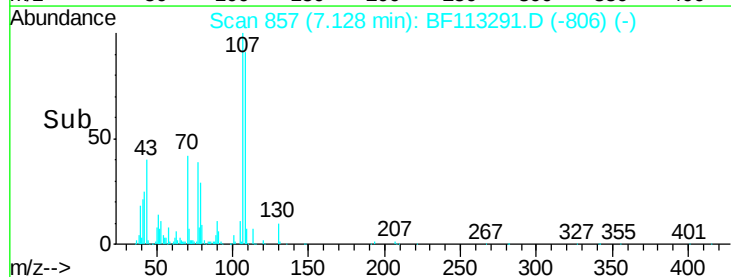
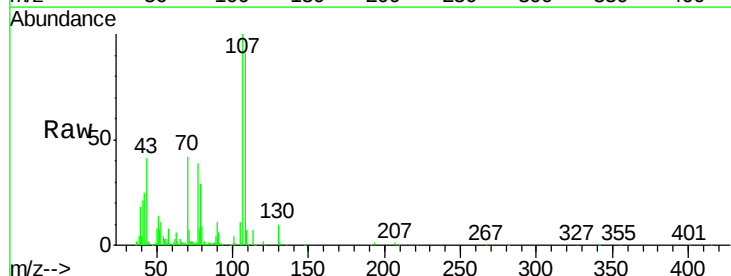
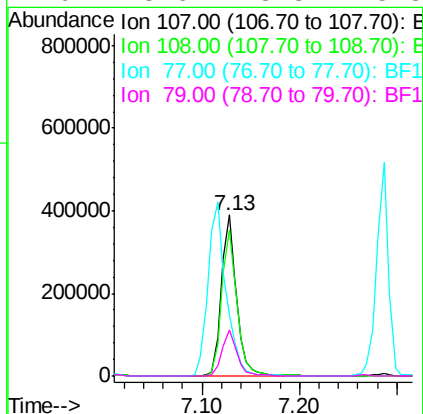
Manual Integrations
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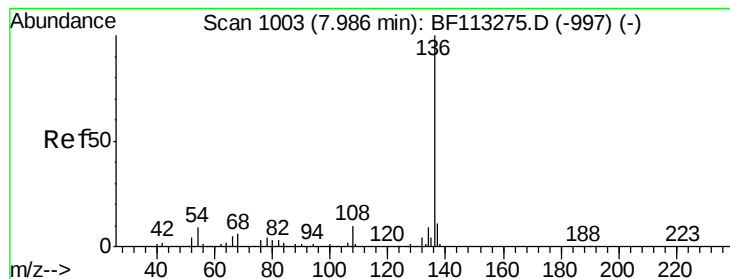
Sohil
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#20
3+4-Methylphenols
Concen: 42.676 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	38.5	33.5	73.5
79	28.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113291.D

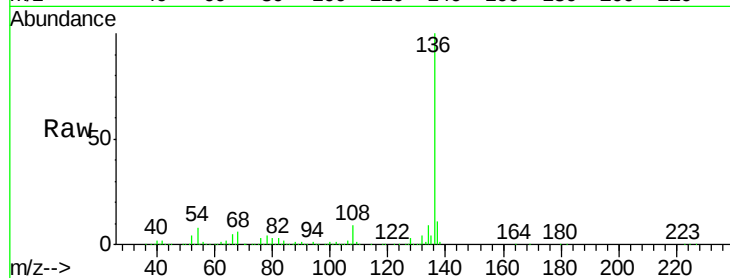
Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS



Tgt Ion:136 Resp: 628455

Ion Ratio Lower Upper

136 100

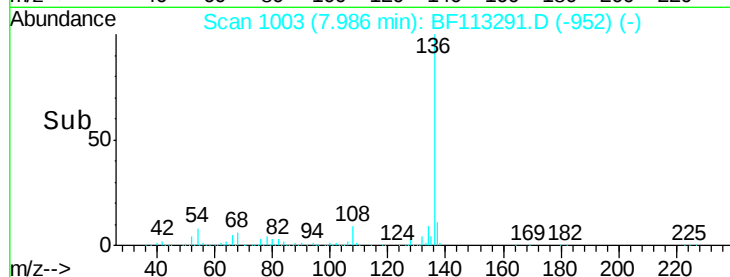
137 10.8 8.9 13.3

54 7.8 7.0 10.6

68 6.0 4.8 7.2

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Abundance Ion 136.00 (135.70 to 136.70): E

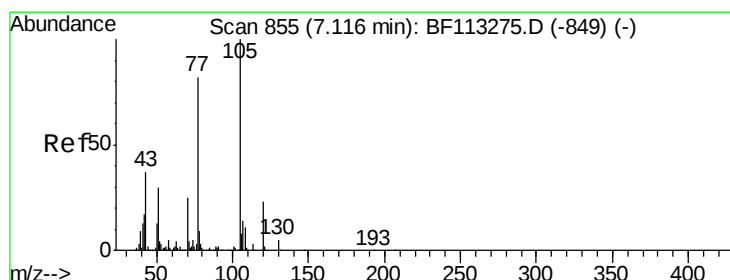
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

7.90 8.00 8.10



#22

Acetophenone

Concen: 38.512 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:105 Resp: 551961

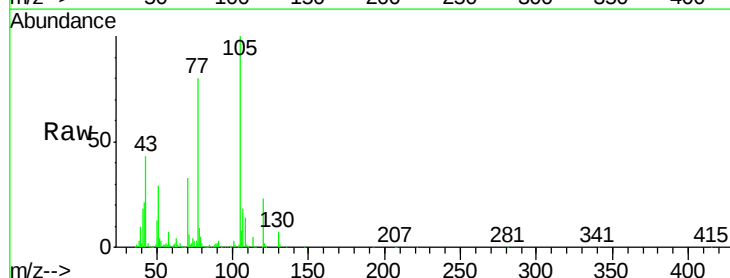
Ion Ratio Lower Upper

105 100

71 5.5 3.3 4.9#

51 29.0 24.2 36.2

120 22.8 18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E

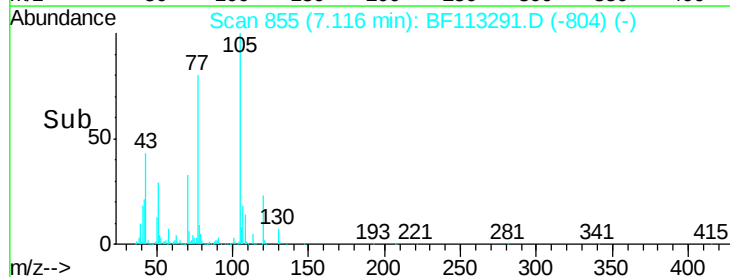
Ion 71.00 (70.70 to 71.70): BF1

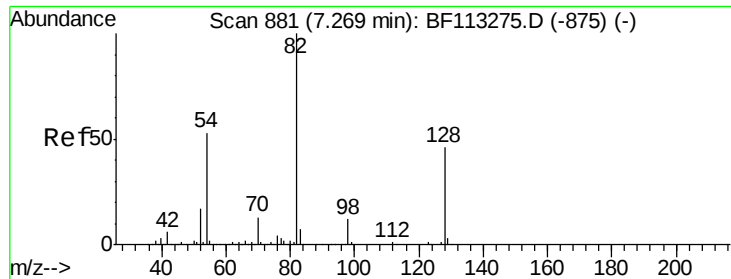
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->

7.10 7.20





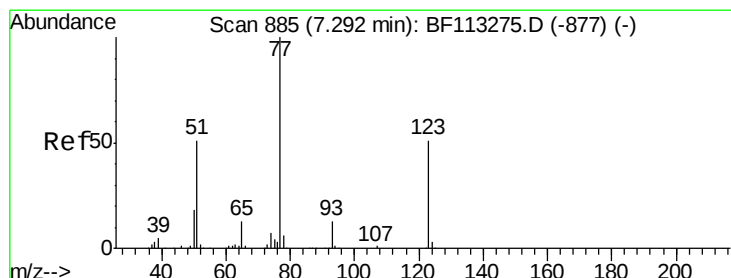
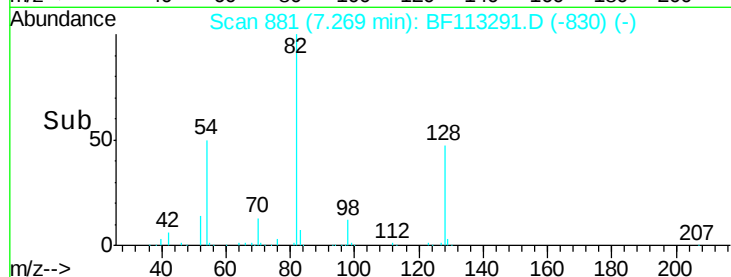
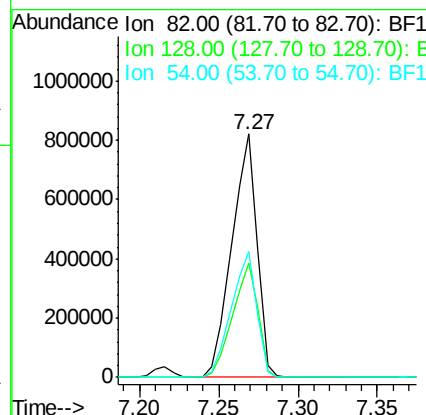
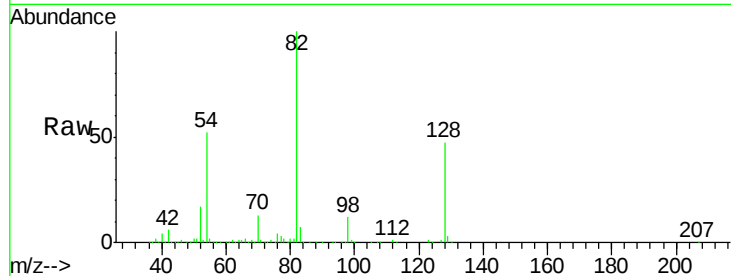
#23
 Nitrobenzene-d5
 Concen: 85.977 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	51.9	42.2	63.2

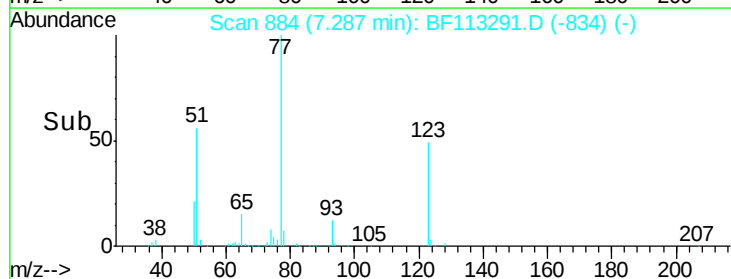
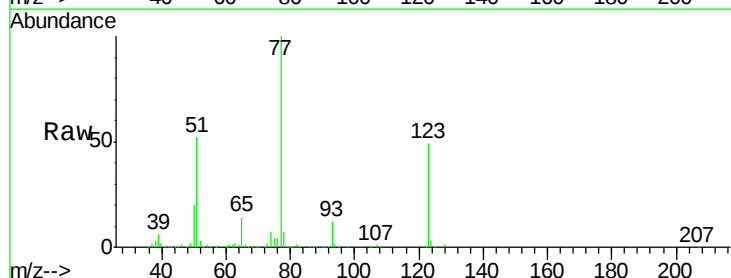
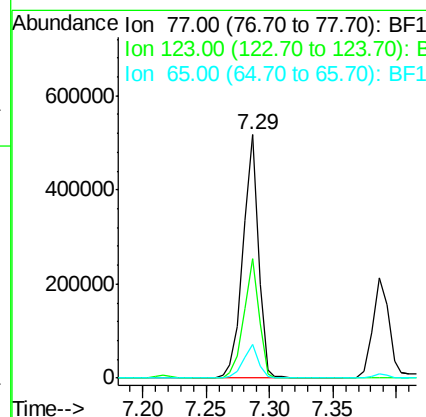
Manual Integrations
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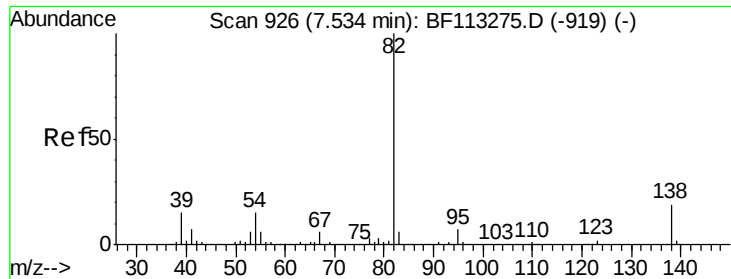
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#24
 Nitrobenzene
 Concen: 39.070 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.8	61.2
65	13.6	10.6	16.0





#25

Isophorone

Concen: 40.194 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

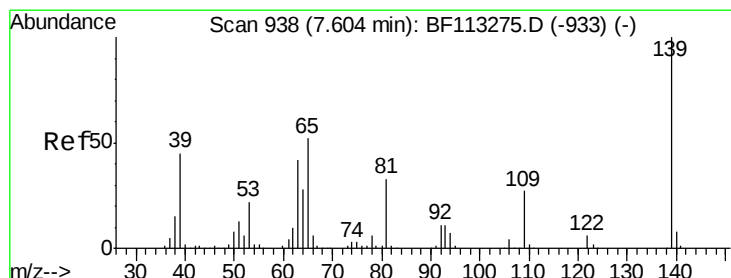
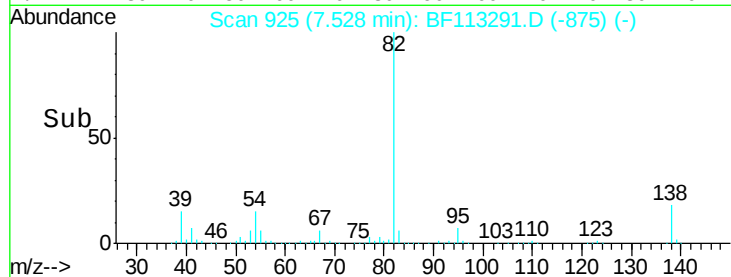
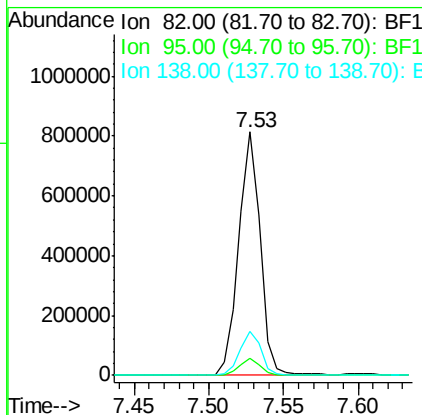
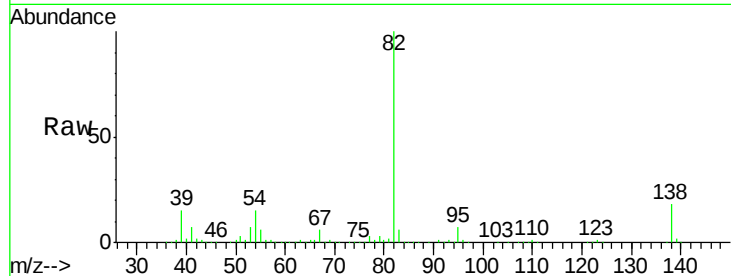
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	82	Resp:	824765
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.0	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.057 ng

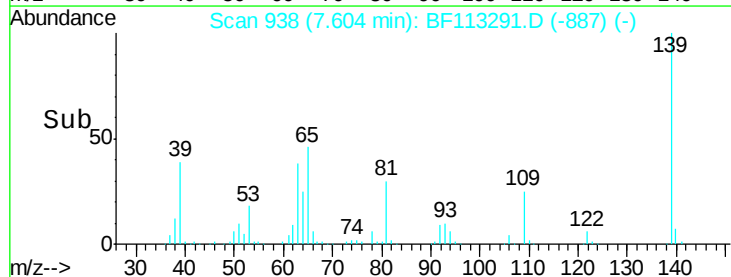
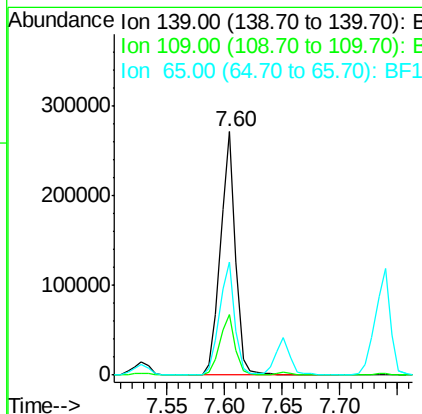
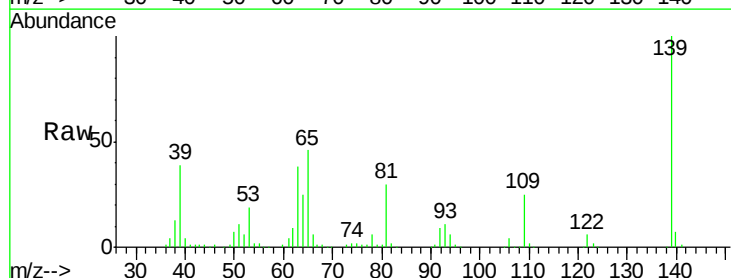
RT: 7.60 min Scan# 938

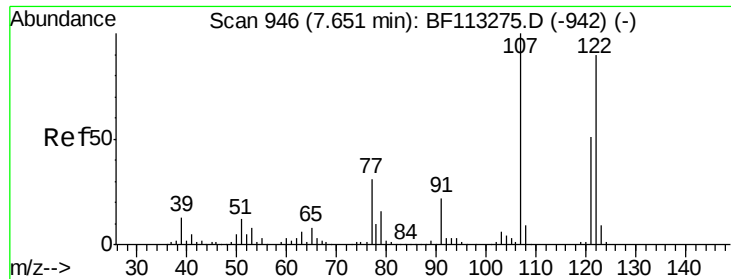
Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	139	Resp:	245623
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.7	32.5
65	46.4	41.6	62.4





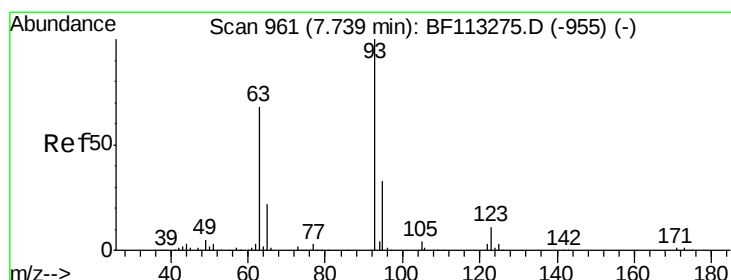
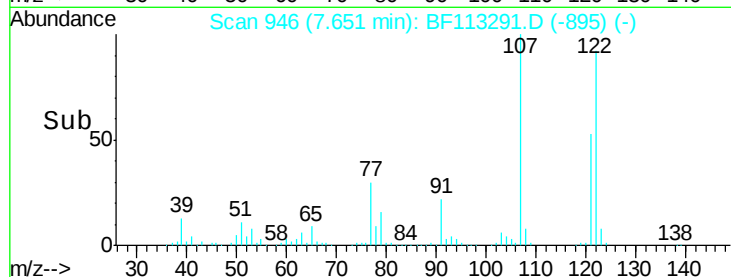
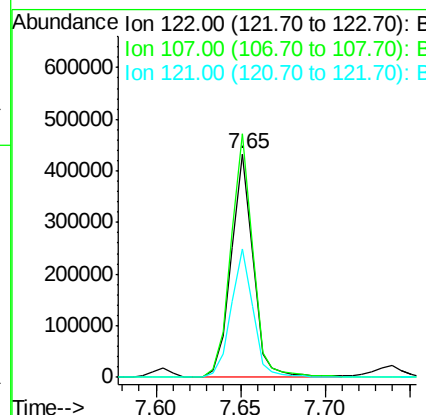
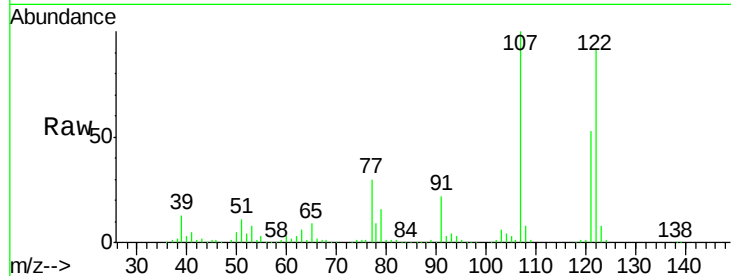
#27
2,4-Dimethylphenol
Concen: 46.630 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	391746		
107	109.0	88.8	133.2	
121	57.2	45.5	68.3	

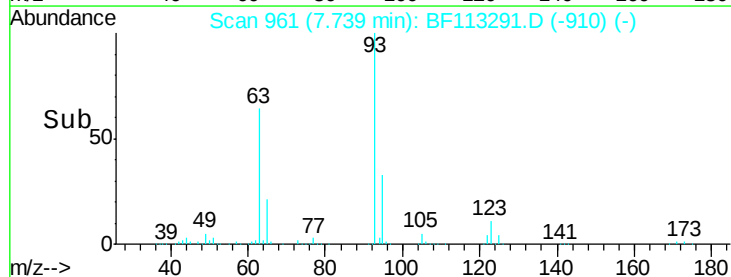
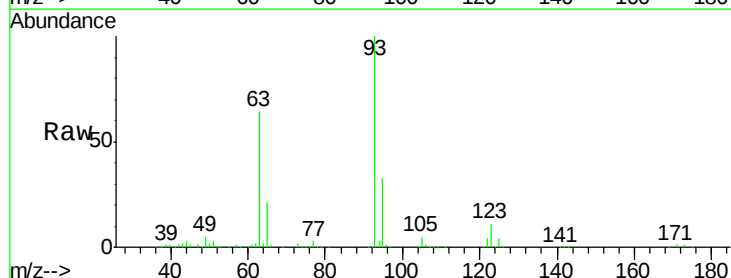
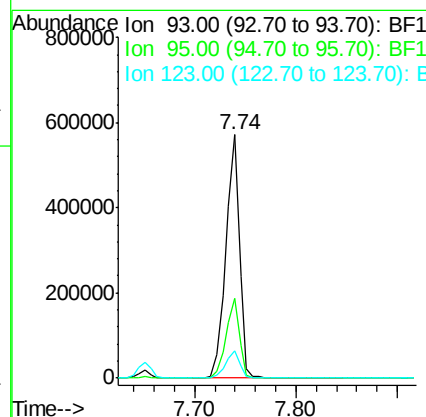
Manual Integrations
APPROVED

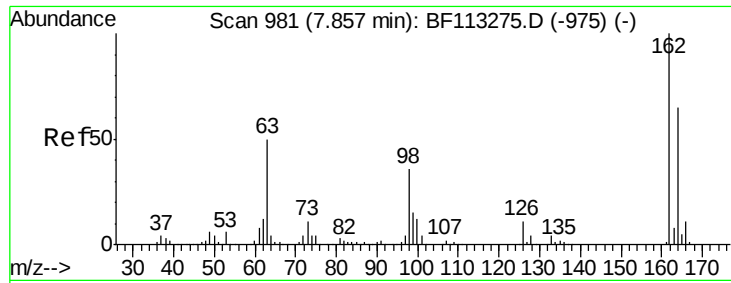
Sohil
3/27/2019 3:17:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.256 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	533104		
95	33.0	26.0	39.0	
123	11.4	9.1	13.7	





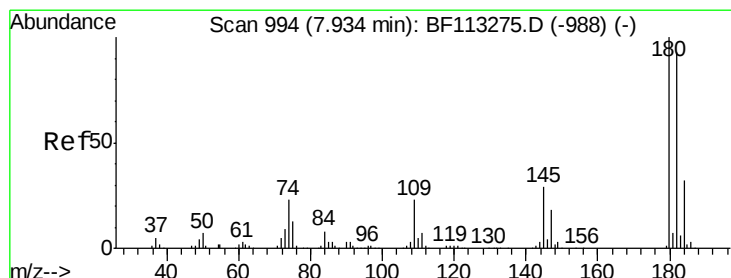
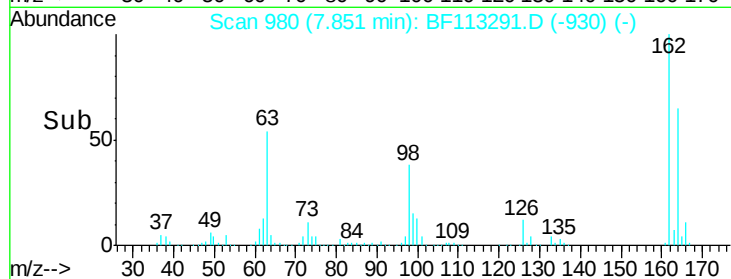
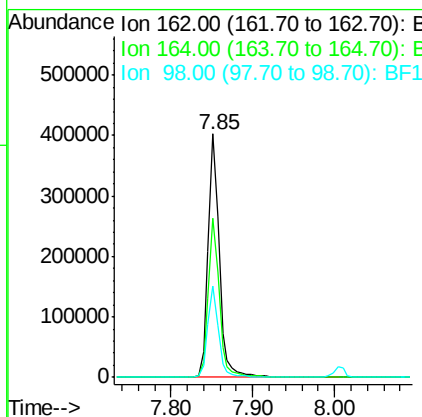
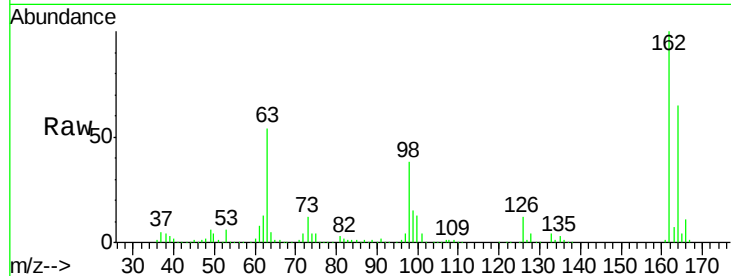
#29
2,4-Dichlorophenol
Concen: 41.930 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	381739		
164	65.5	44.6	84.6	
98	37.6	15.6	55.6	

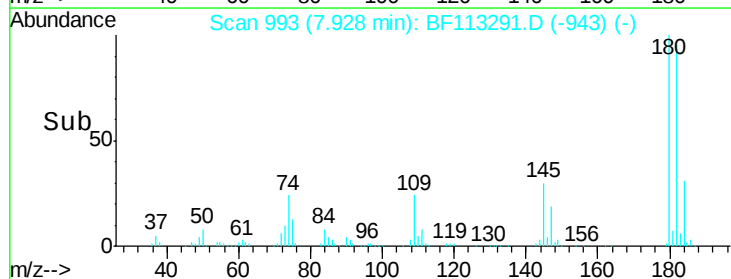
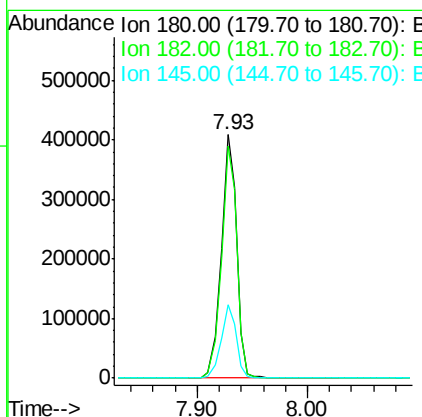
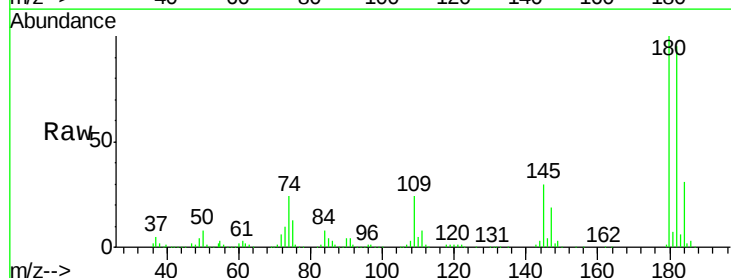
Manual Integrations
APPROVED

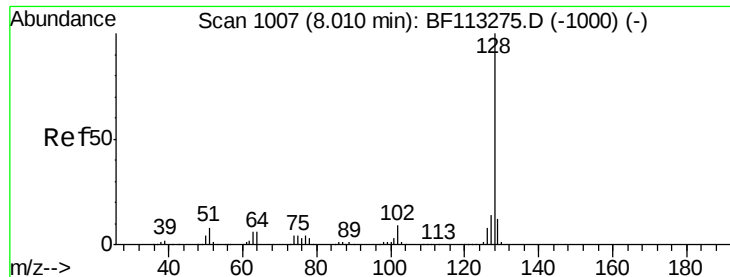
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.312 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395963		
182	95.1	74.6	111.8	
145	30.0	23.4	35.0	





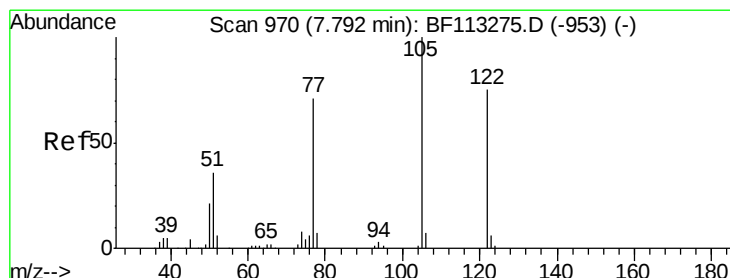
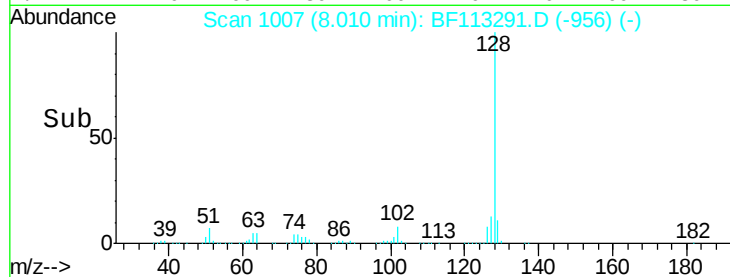
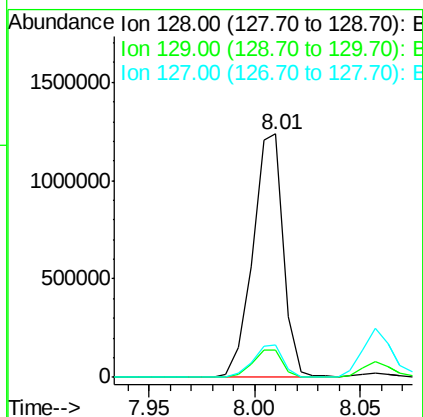
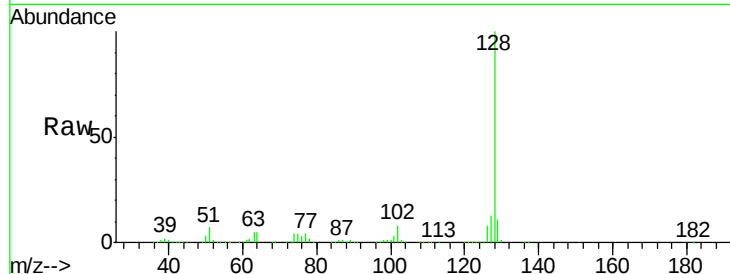
#31
Naphthalene
Concen: 40.585 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:128 Resp: 1246423
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.9 16.3

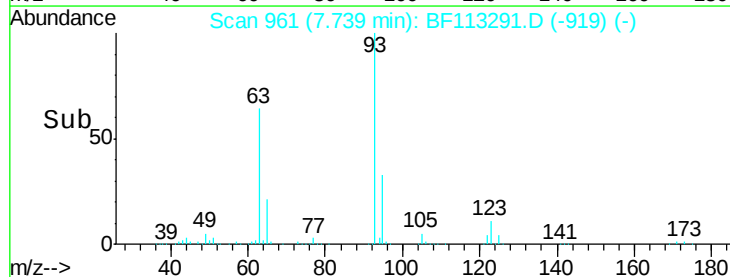
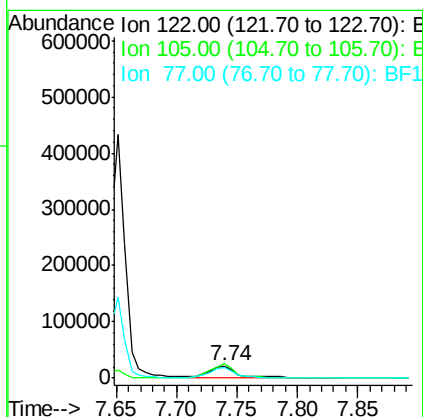
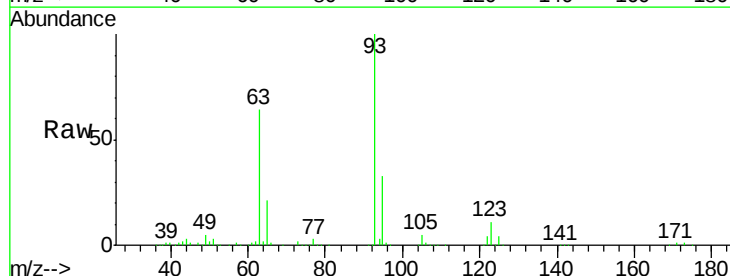
Manual Integrations
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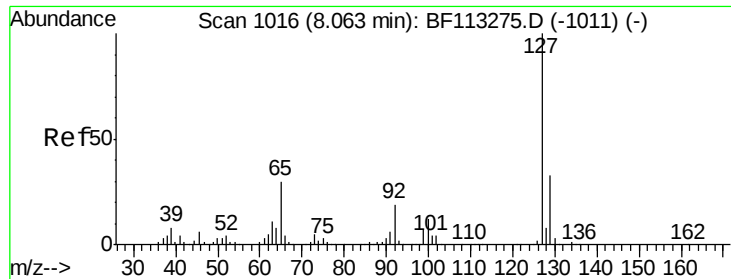
Sohil
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#32
Benzoic acid
Concen: 4.933 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:122 Resp: 33361
Ion Ratio Lower Upper
122 100
105 118.8 100.4 140.4
77 89.5 69.0 109.0





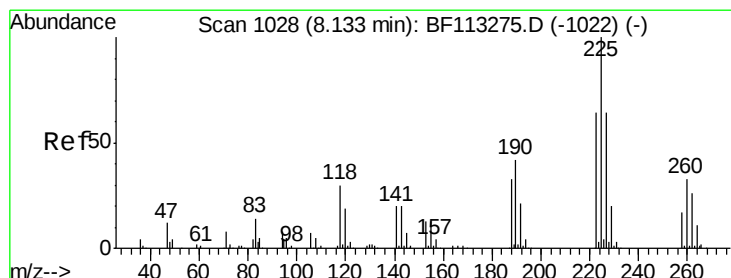
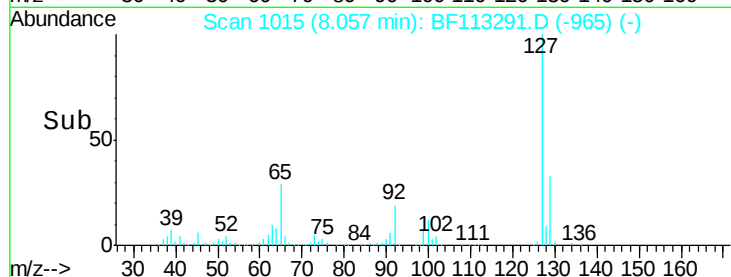
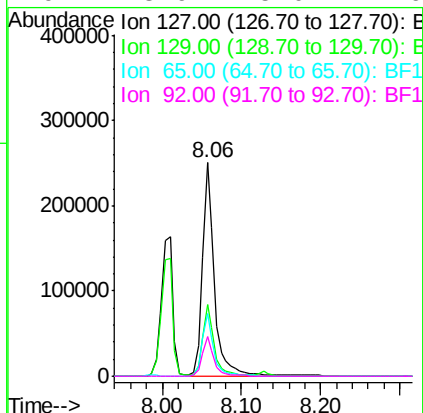
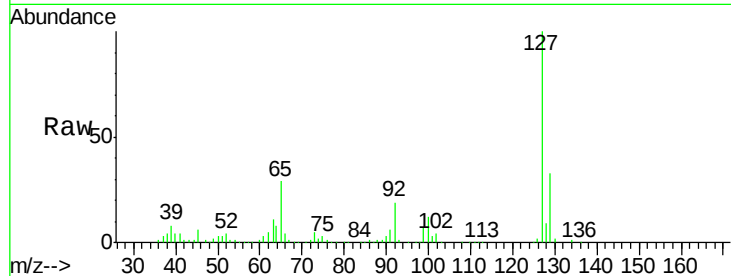
#33
4-Chloroaniline
Concen: 22.461 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	268989		
129	33.3	26.3	39.5	
65	29.1	24.2	36.4	
92	18.9	15.0	22.6	

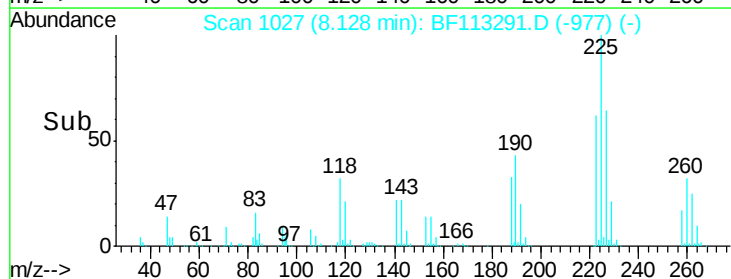
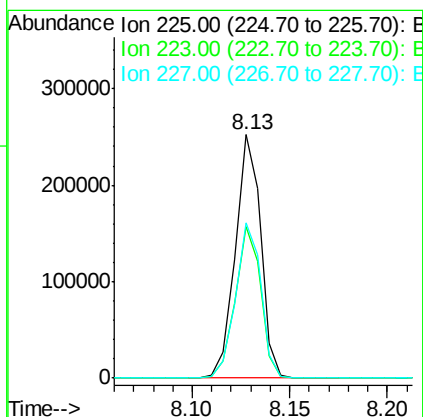
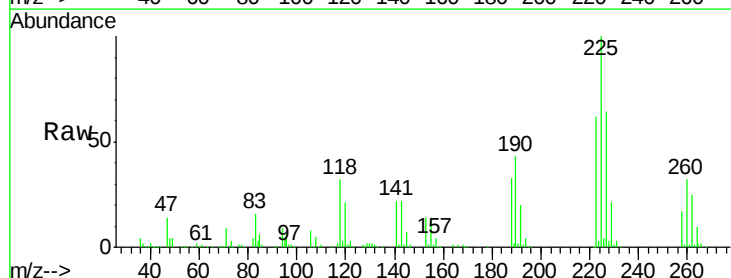
Manual Integrations
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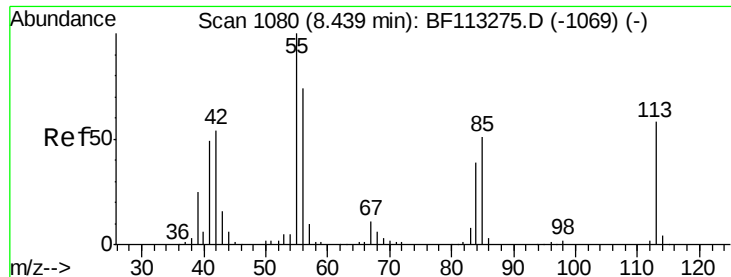
Sohil
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#34
Hexachlorobutadiene
Concen: 38.887 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227021		
223	62.0	51.4	77.2	
227	63.6	51.1	76.7	





#35

Caprolactam

Concen: 43.366 ng m

RT: 8.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

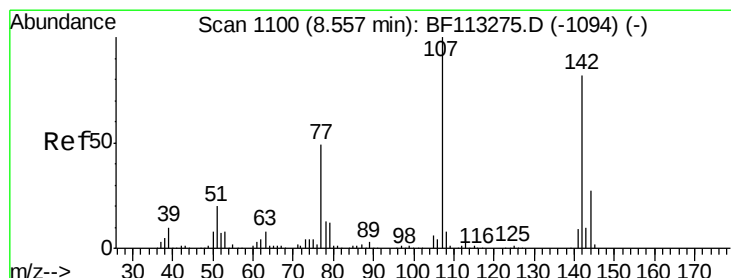
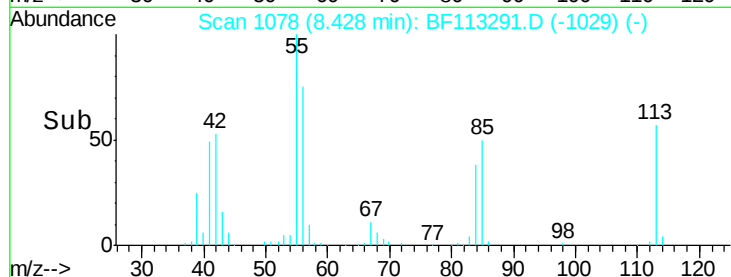
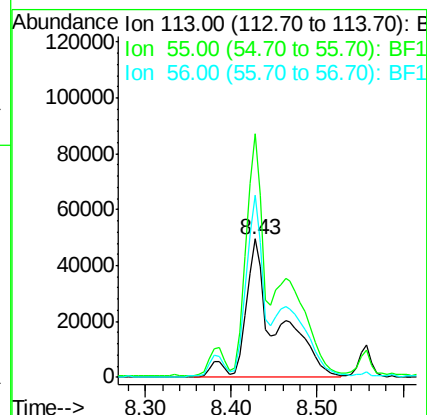
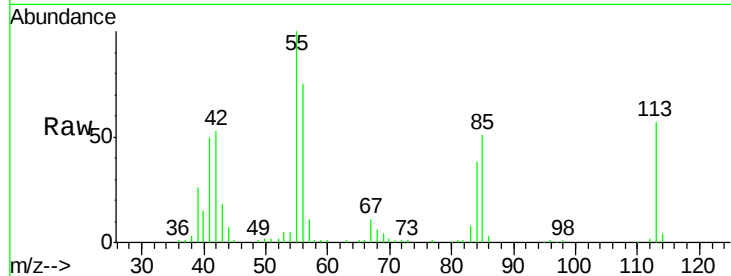
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:113 Resp: 126711

Ion	Ratio	Lower	Upper
113	100		
55	176.0	152.7	192.7
56	131.4	108.3	148.3

Manual Integrations
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3/27/2019 3:17:39 PM



#36

4-Chloro-3-methylphenol

Concen: 42.223 ng

RT: 8.56 min Scan# 1100

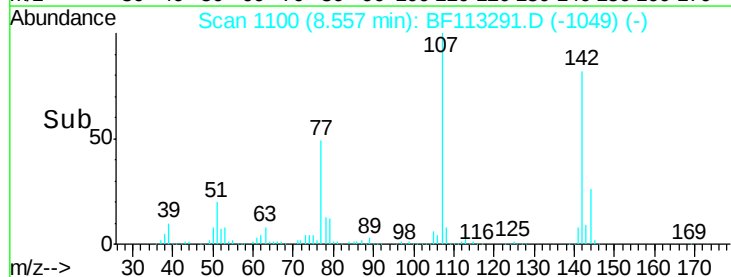
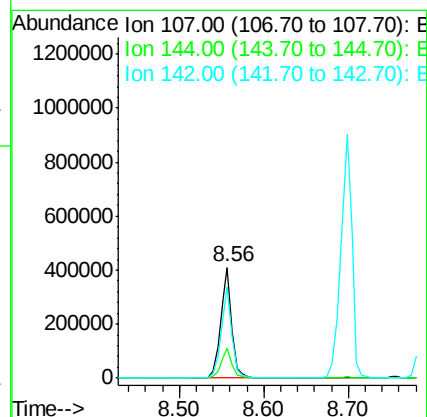
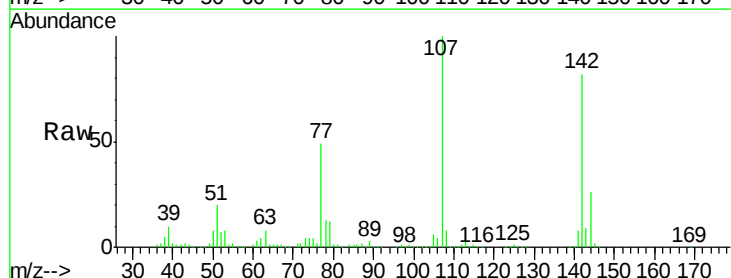
Delta R.T. 0.00 min

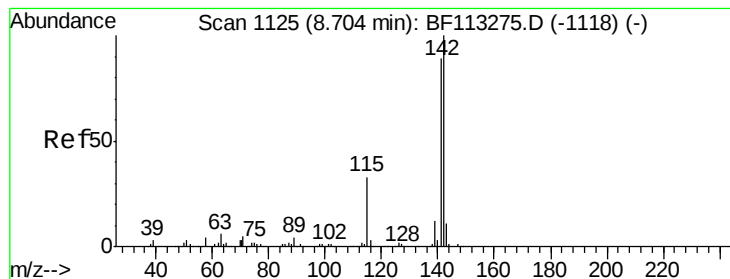
Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:107 Resp: 386639

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.4	32.0
142	82.2	65.6	98.4





#37

2-Methylnaphthalene

Concen: 43.337 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

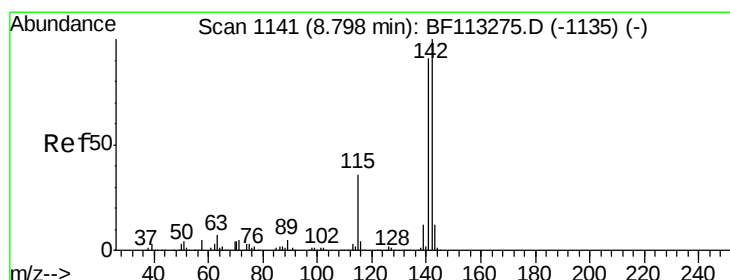
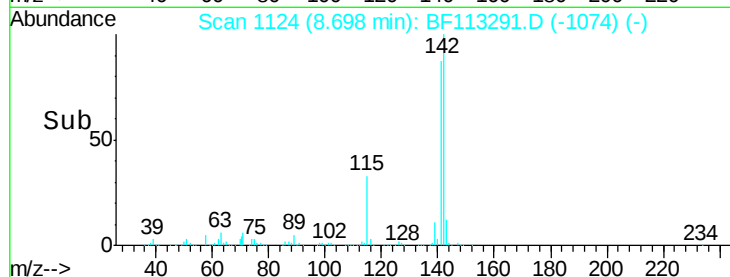
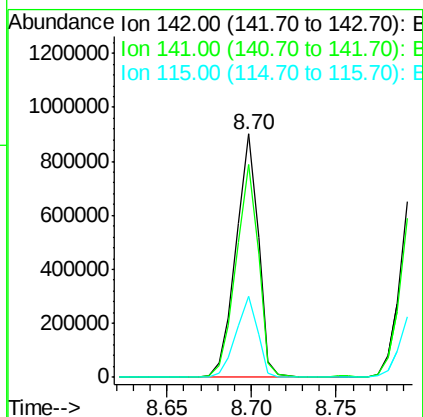
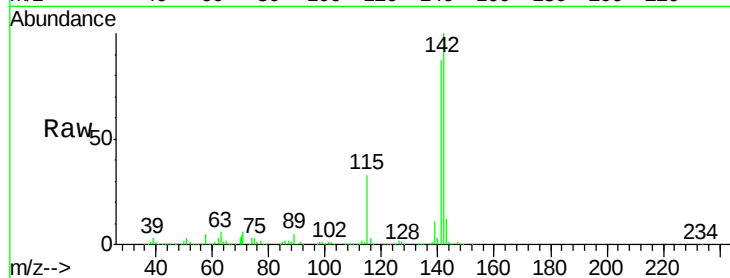
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	142	Resp:	830454
Ion Ratio	Lower	Upper	
142	100		
141	87.4	71.0	106.6
115	33.2	26.6	39.8

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 42.558 ng

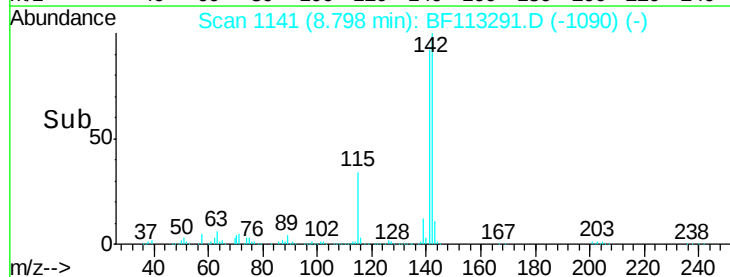
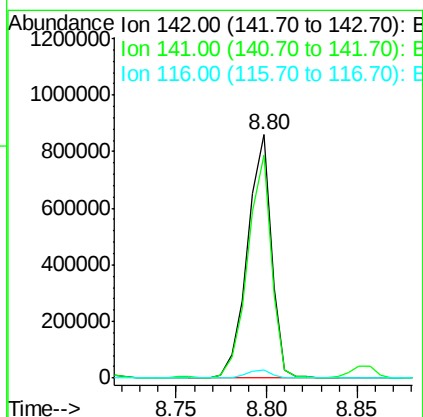
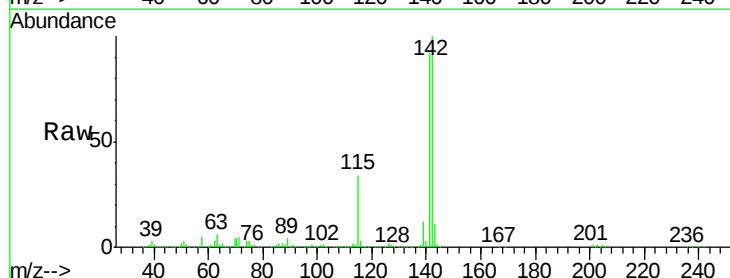
RT: 8.80 min Scan# 1141

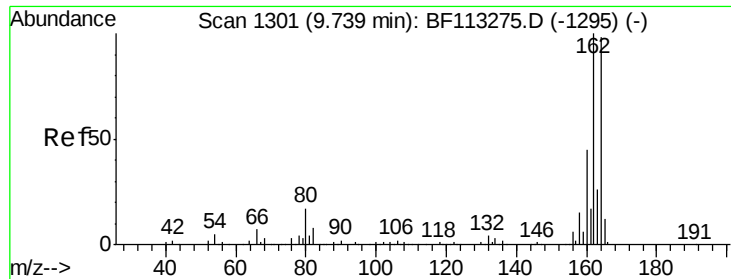
Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	142	Resp:	784426
Ion Ratio	Lower	Upper	
142	100		
141	91.7	73.2	109.8
116	3.5	3.0	4.4





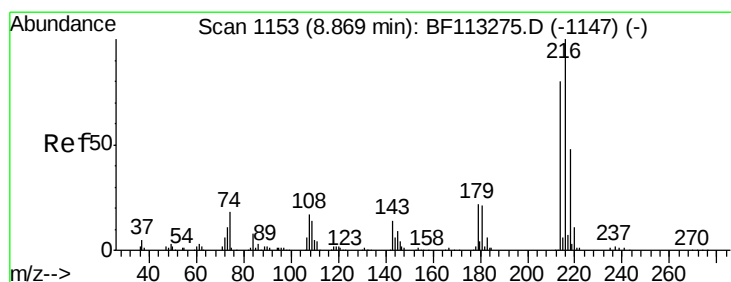
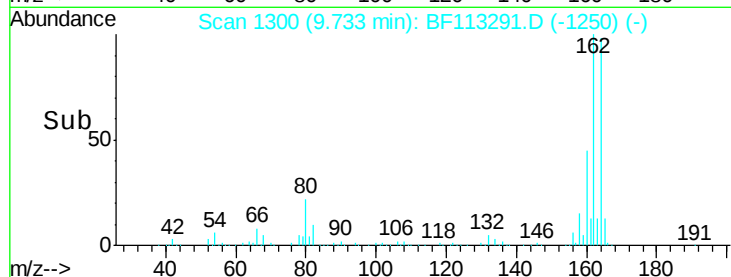
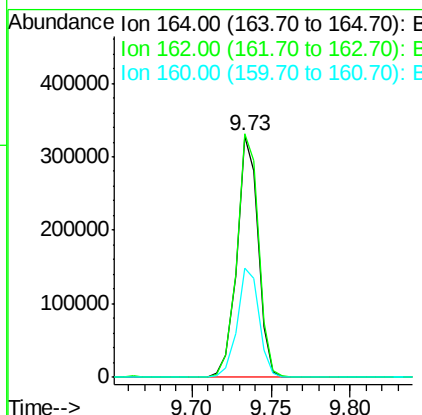
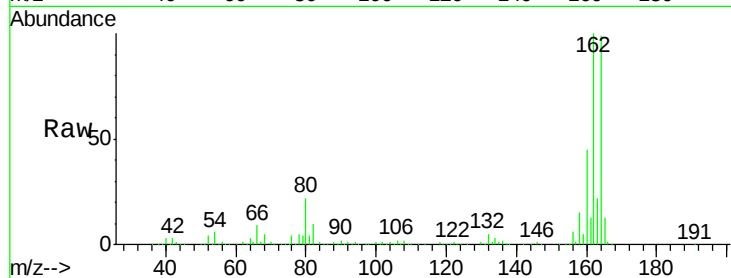
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	81.8	122.6	
160	45.2	36.4	54.6	

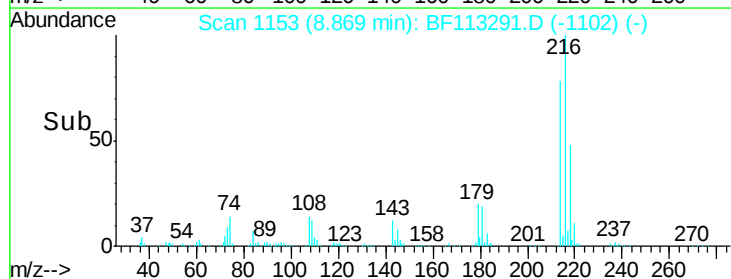
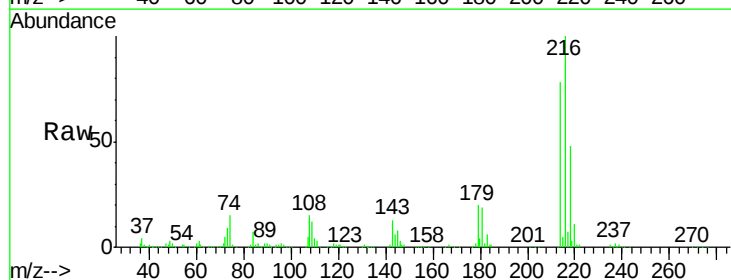
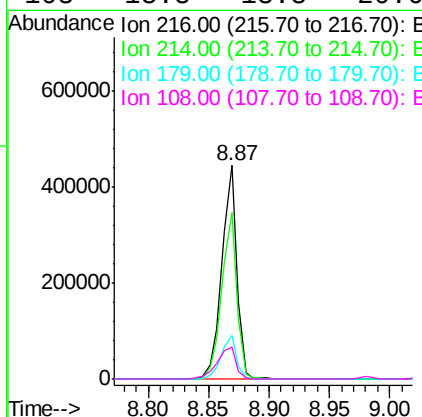
Manual Integrations
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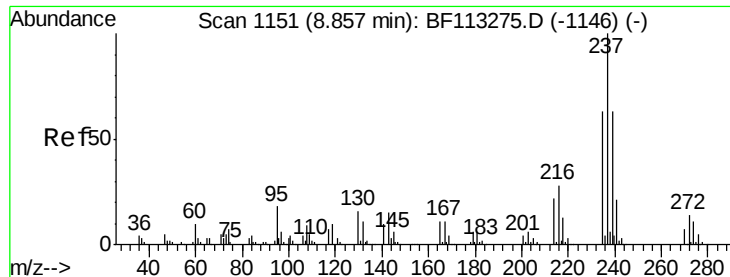
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.972 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.0	94.6	
179	20.5	16.8	25.2	
108	18.8	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 89.143 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

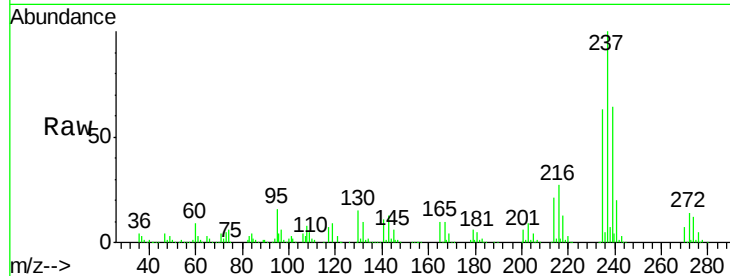
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

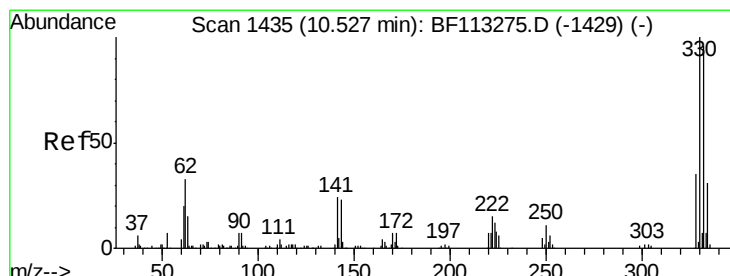
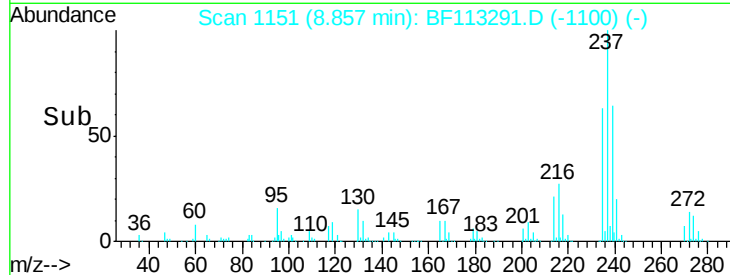
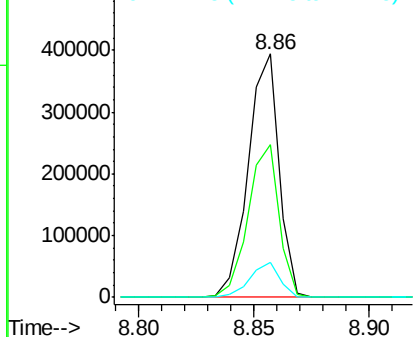
Tgt Ion:	237	Resp:	368073
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	14.5	0.0	33.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.788 ng

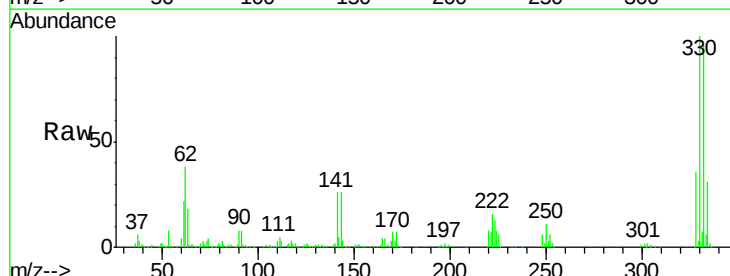
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

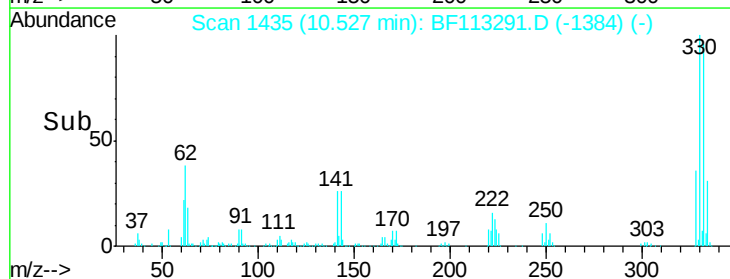
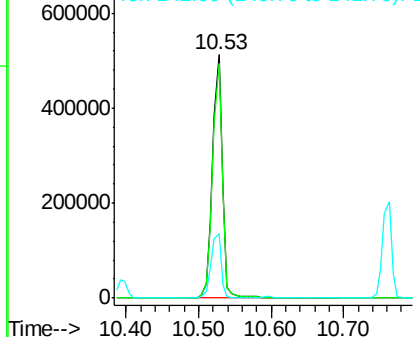
Lab File: BF113291.D

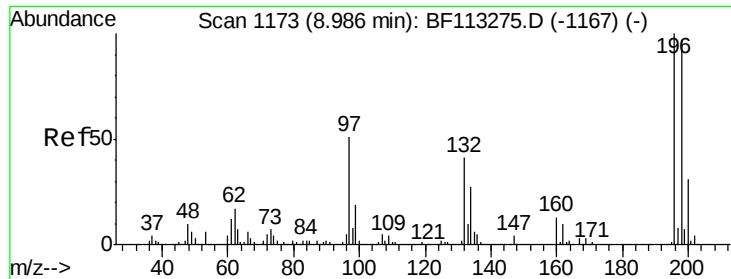
Acq: 26 Mar 2019 14:53

Tgt Ion:	330	Resp:	490945
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.8	116.6
141	27.5	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





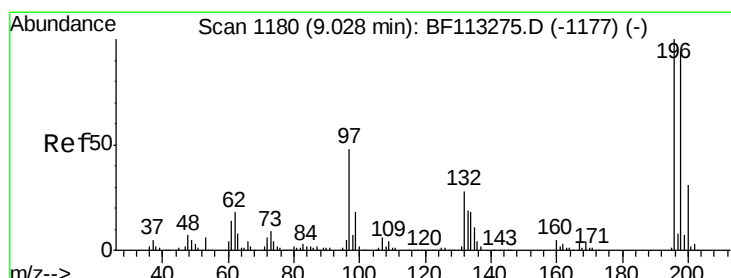
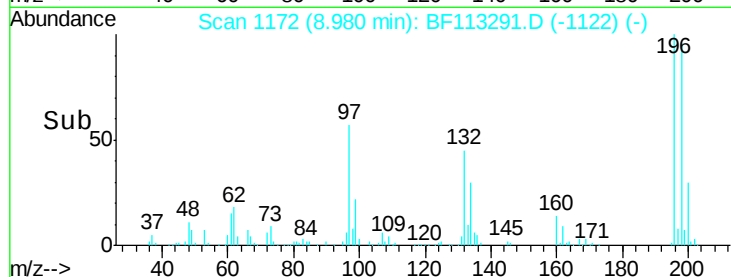
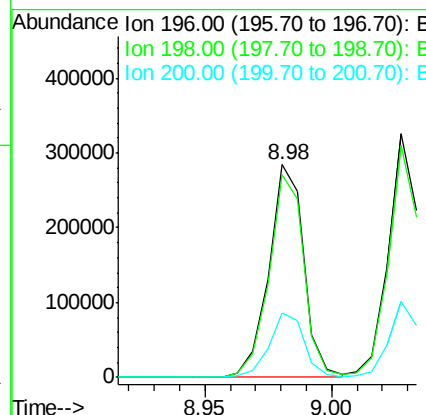
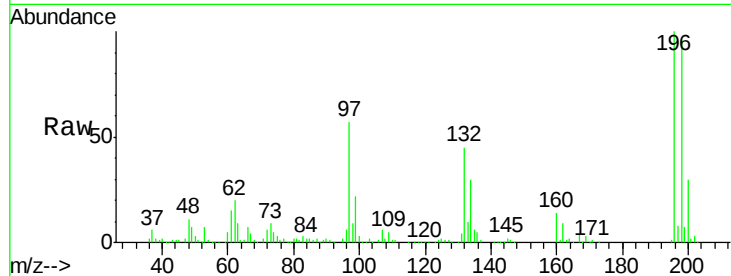
#43
 2,4,6-Trichlorophenol
 Concen: 43.035 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273371		
198	95.5	77.7	116.5	
200	30.3	24.9	37.3	

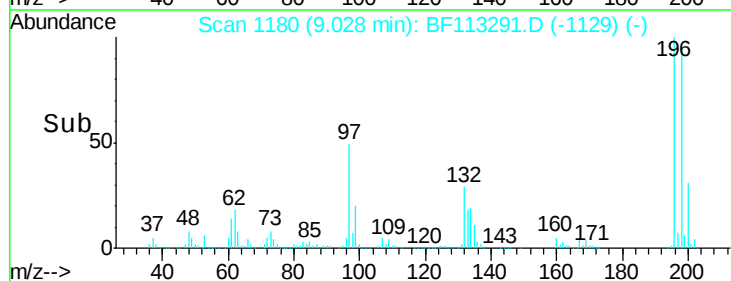
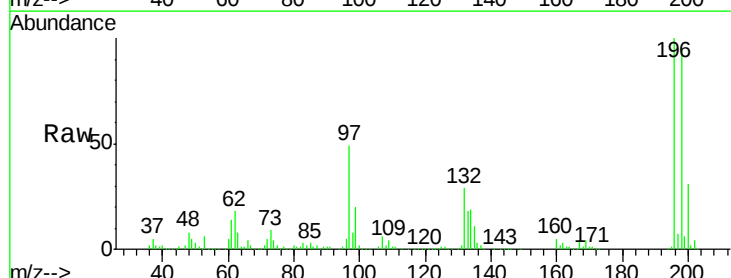
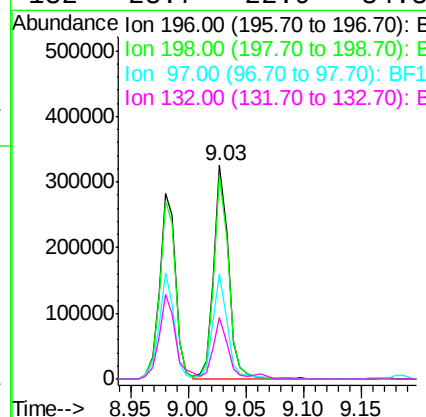
Manual Integrations
 APPROVED

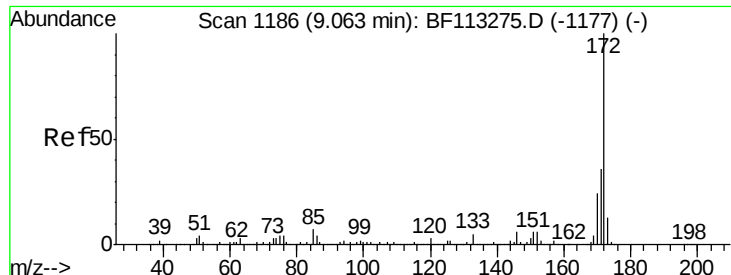
Sohil
 3/27/2019 3:17:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.607 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292497		
198	95.5	75.4	113.2	
97	49.4	38.6	58.0	
132	28.7	22.9	34.3	





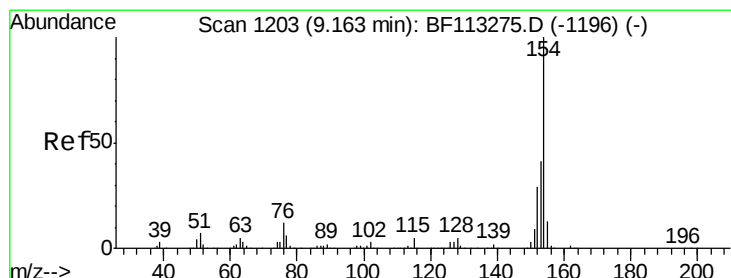
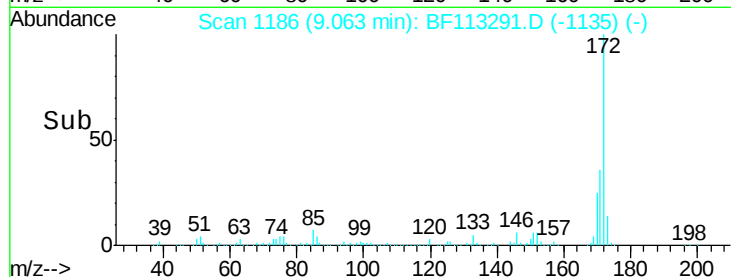
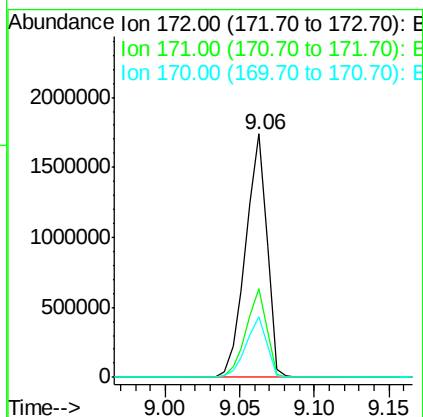
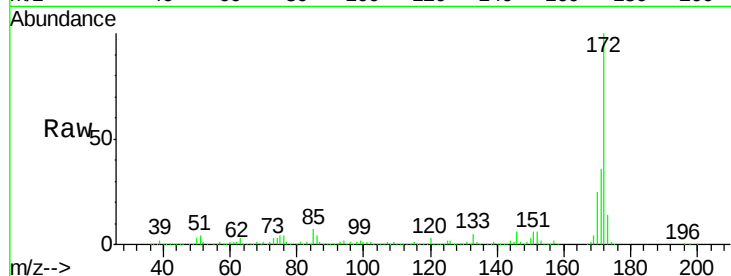
#45
2-Fluorobiphenyl
Concen: 89.937 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:172 Resp: 1723913
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.9 19.5 29.3

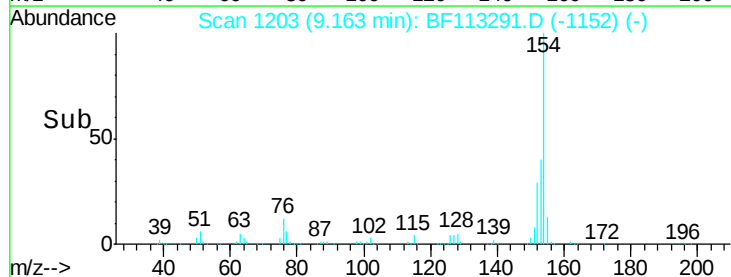
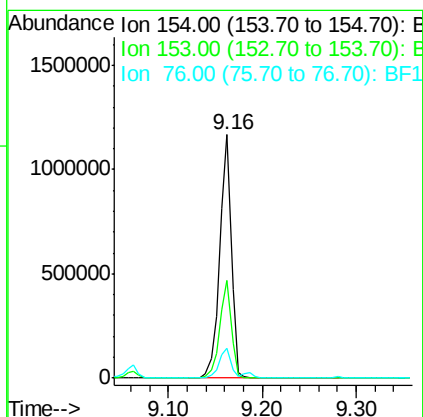
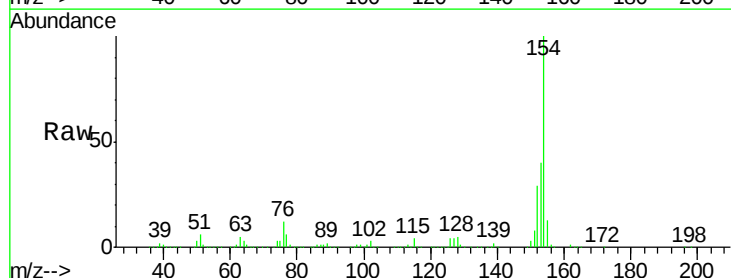
Manual Integrations
APPROVED

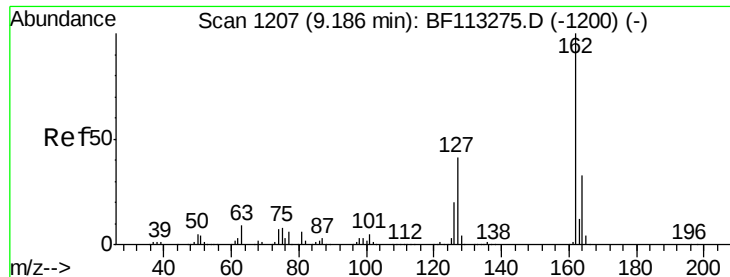
Sohil
3/27/2019 3:17:39 PM



#46
1,1'-Biphenyl
Concen: 39.868 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:154 Resp: 1011879
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 12.1 0.0 31.9





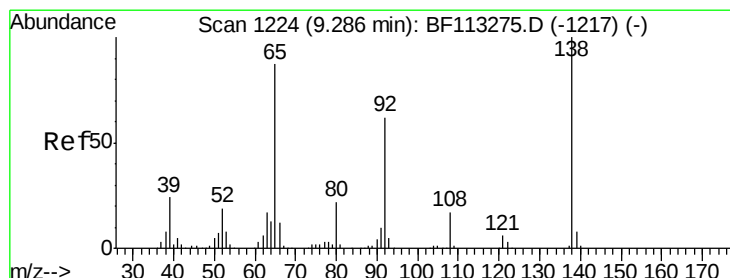
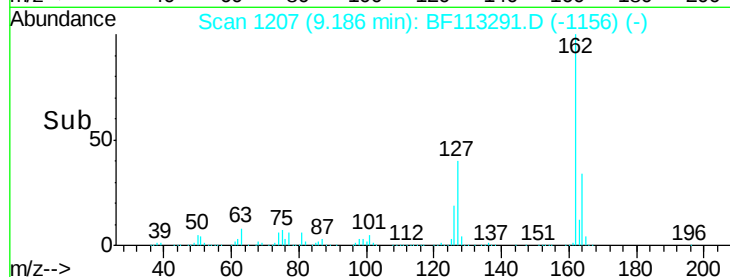
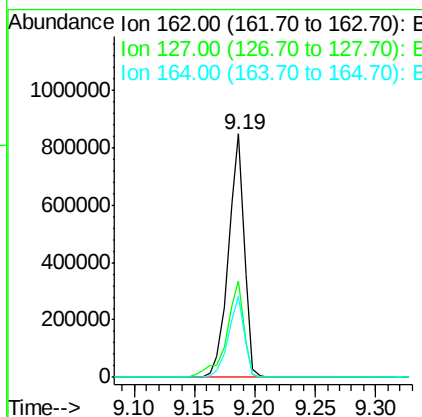
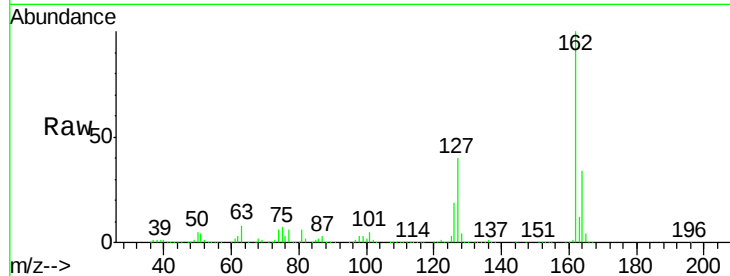
#47
2-Chloronaphthalene
Concen: 39.559 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	773070		
127	39.5	32.6	49.0	
164	33.5	26.6	39.8	

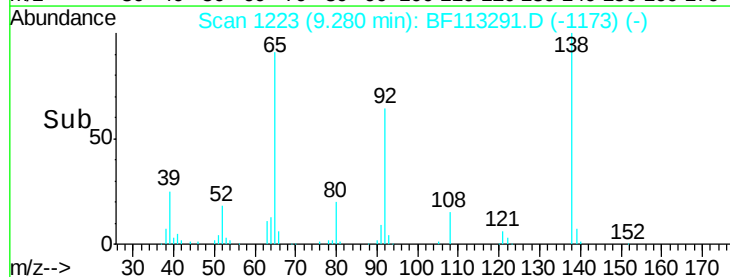
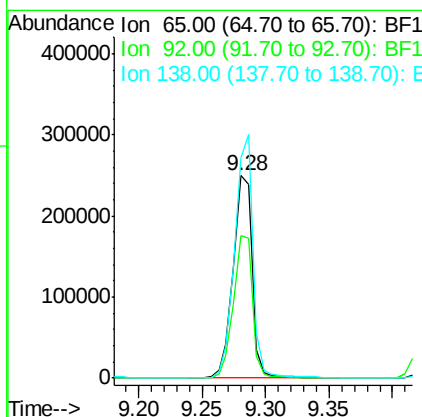
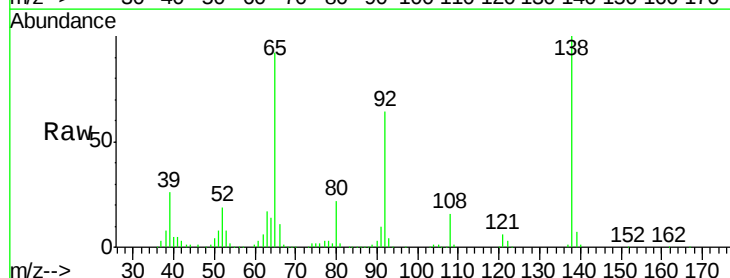
Manual Integrations
APPROVED

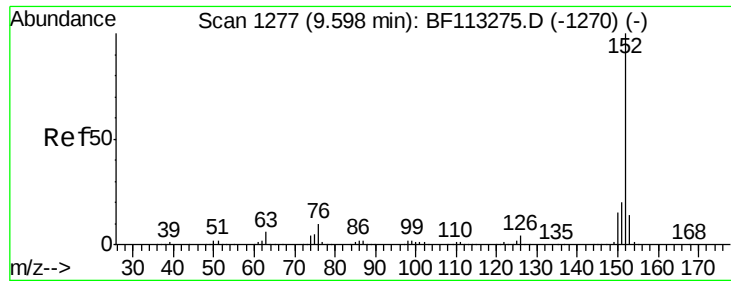
Sohil
3/27/2019 3:17:39 PM



#48
2-Nitroaniline
Concen: 42.123 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258325		
92	70.3	56.8	85.2	
138	109.1	92.3	138.5	





#49

Acenaphthylene

Concen: 40.325 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

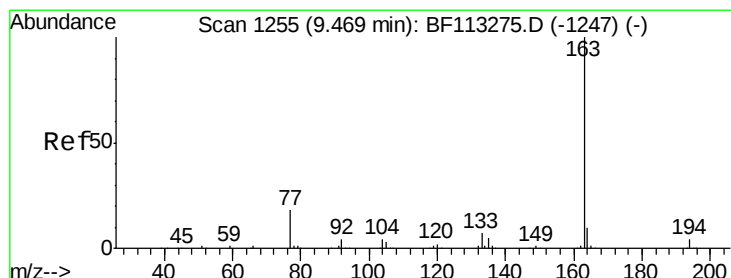
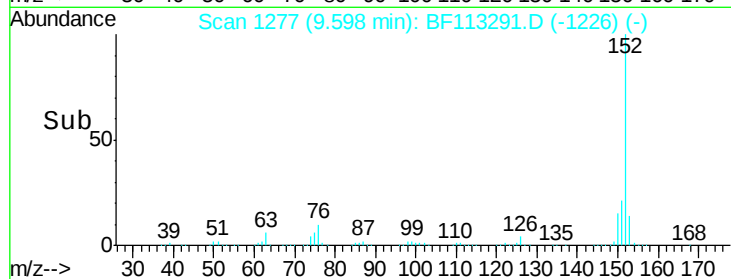
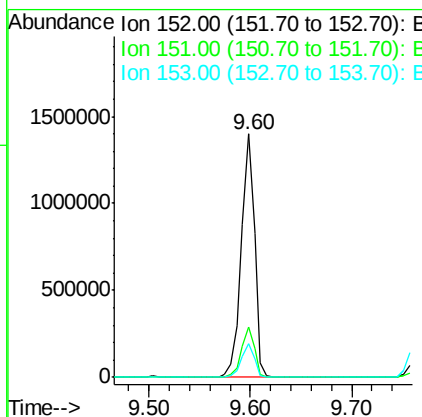
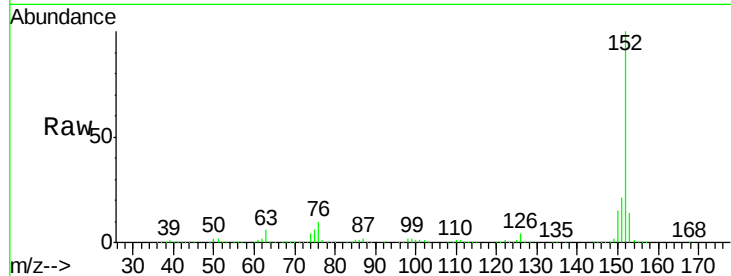
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	152	Resp:	1274170
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.9	11.0	16.6

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:39 PM



#50

Dimethylphthalate

Concen: 47.578 ng

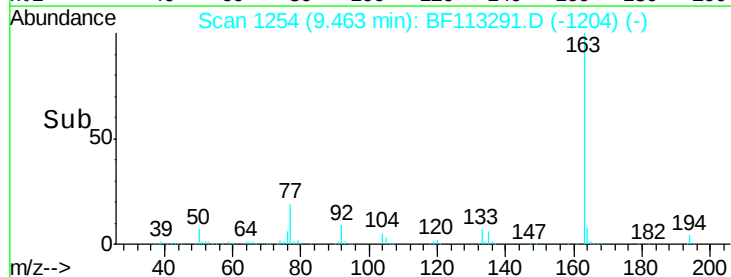
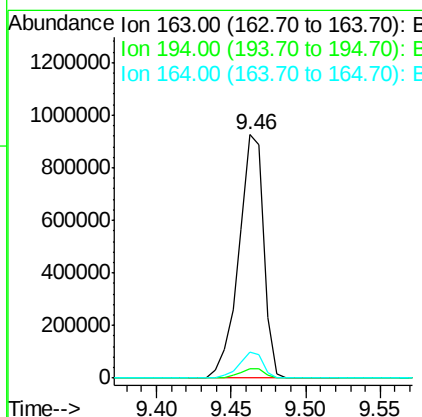
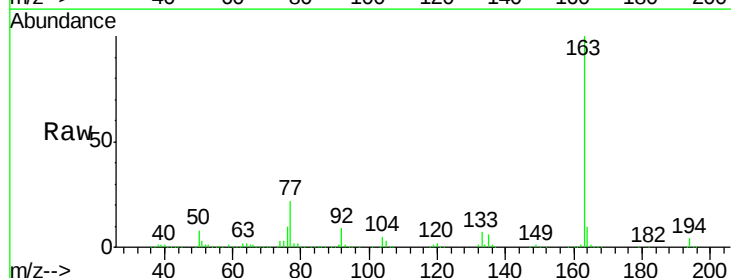
RT: 9.46 min Scan# 1254

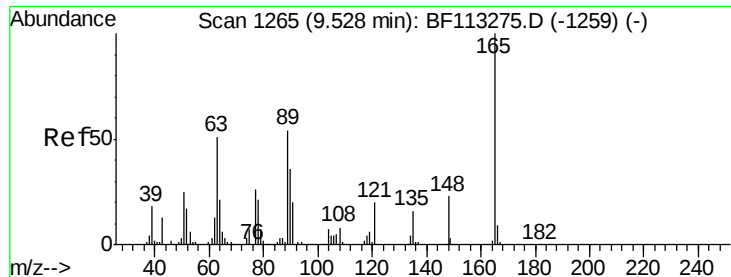
Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	163	Resp:	1071492
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.1	12.1





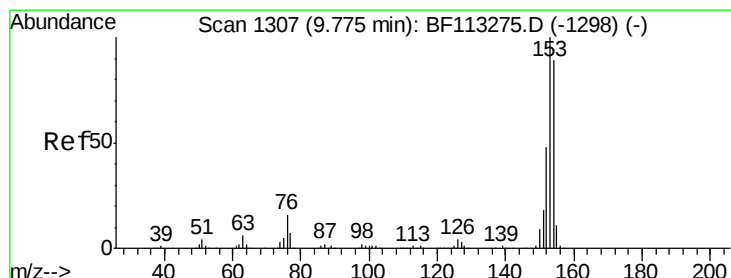
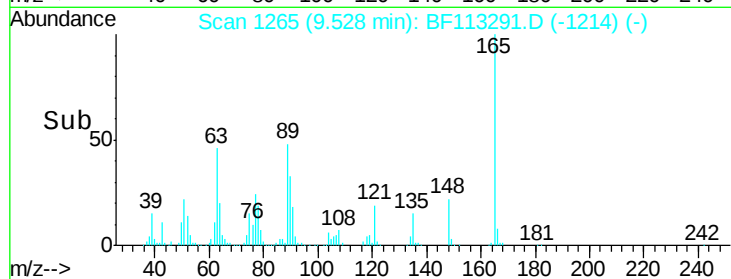
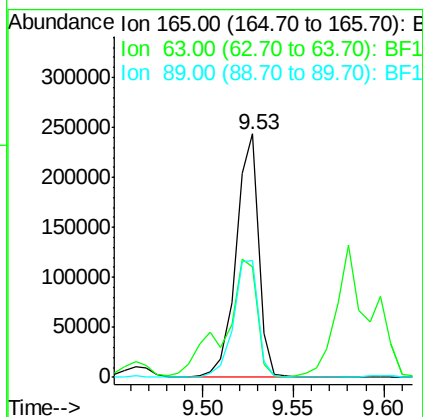
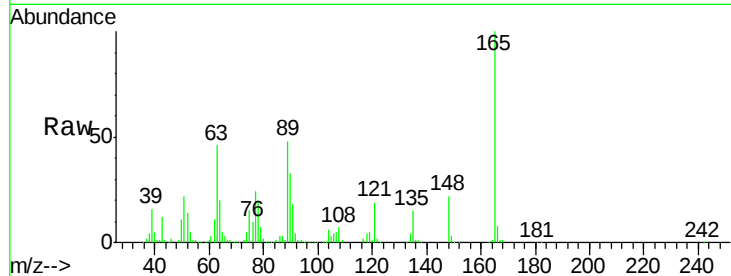
#51
2,6-Dinitrotoluene
Concen: 41.718 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211953		
63	45.5		43.4	65.0
89	48.1		43.1	64.7

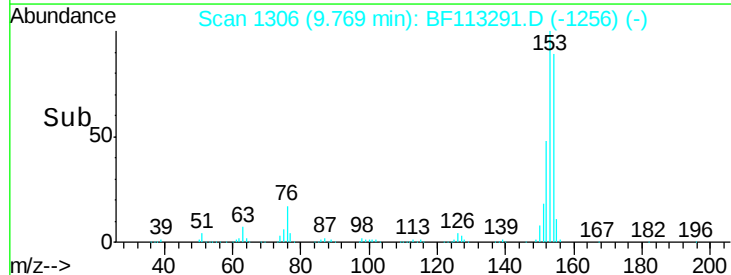
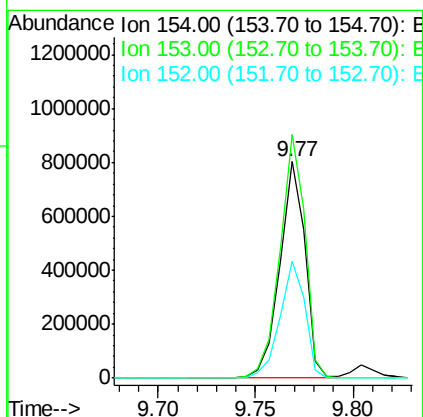
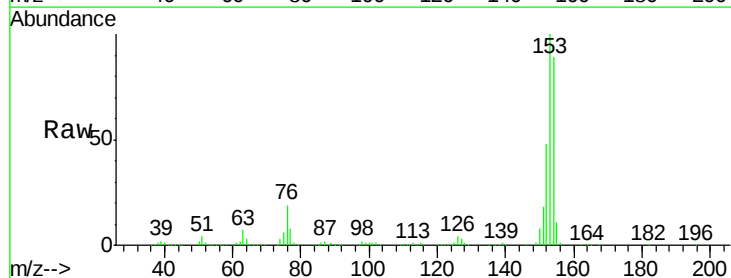
Manual Integrations
APPROVED

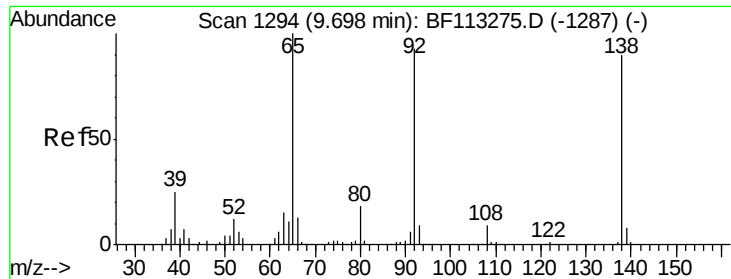
Sohil
3/27/2019 3:17:39 PM



#52
Acenaphthene
Concen: 40.353 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	718054		
153	112.4		89.5	134.3
152	54.1		43.3	64.9





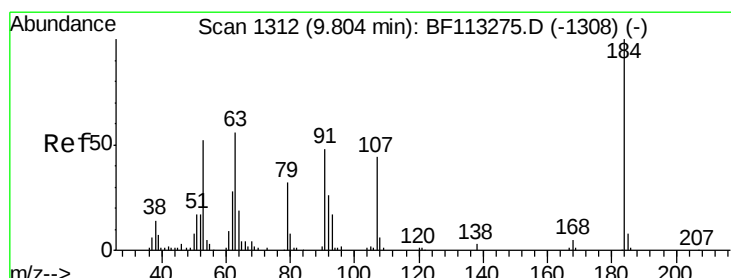
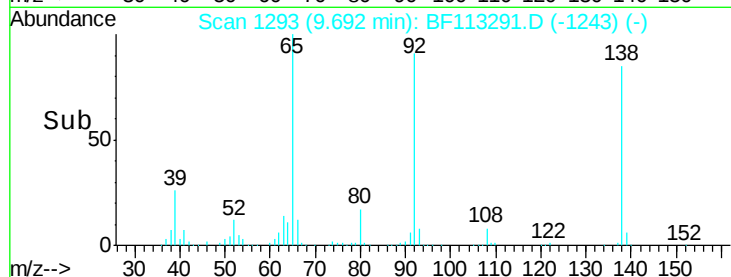
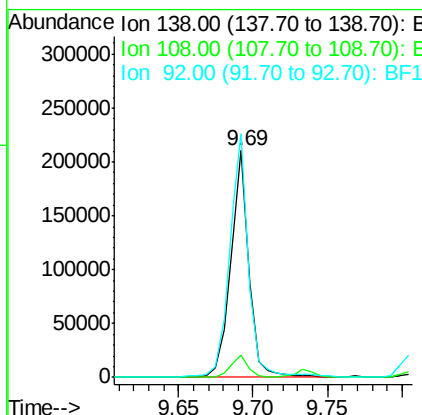
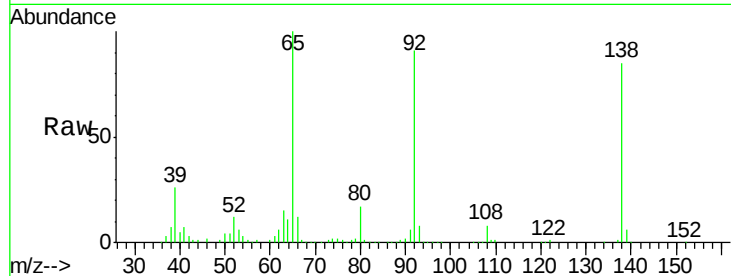
#53
3-Nitroaniline
Concen: 32.011 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:138 Resp: 183405
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 107.4 82.6 124.0

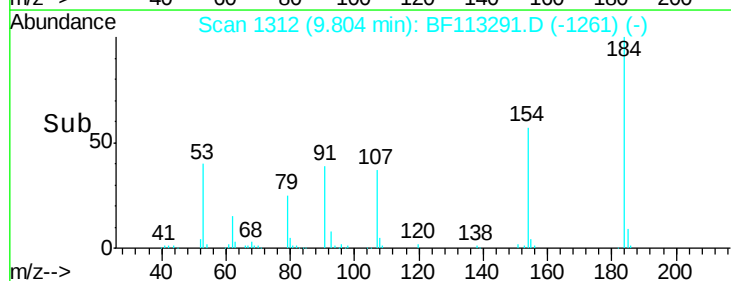
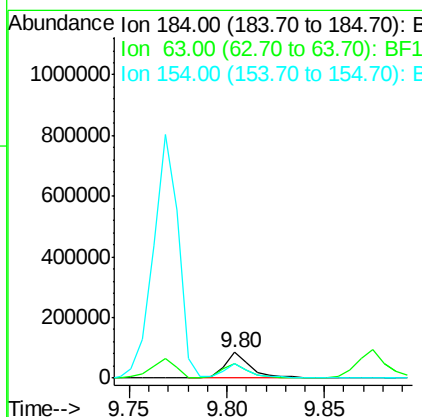
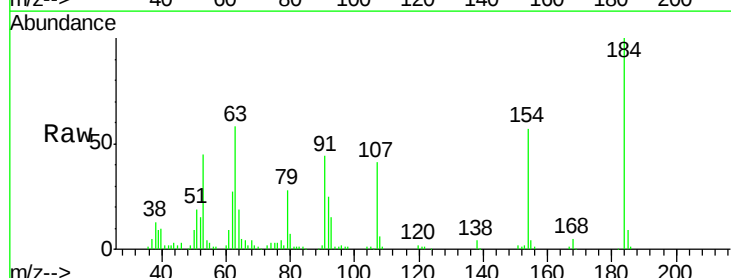
Manual Integrations
APPROVED

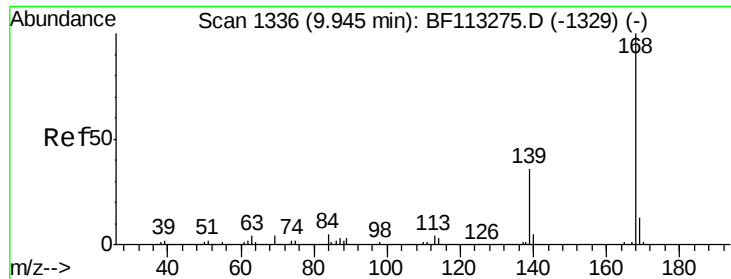
Sohil
3/27/2019 3:17:39 PM



#54
2,4-Dinitrophenol
Concen: 31.128 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:184 Resp: 78657
Ion Ratio Lower Upper
184 100
63 57.6 54.3 81.5
154 57.2 48.4 72.6





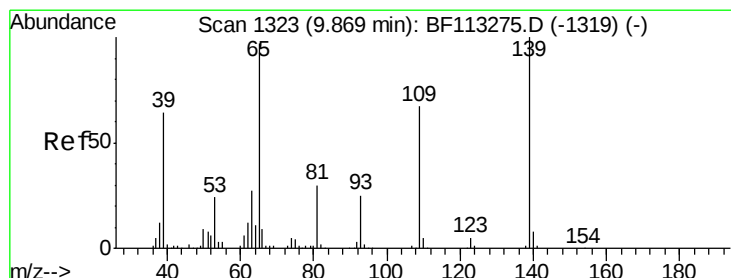
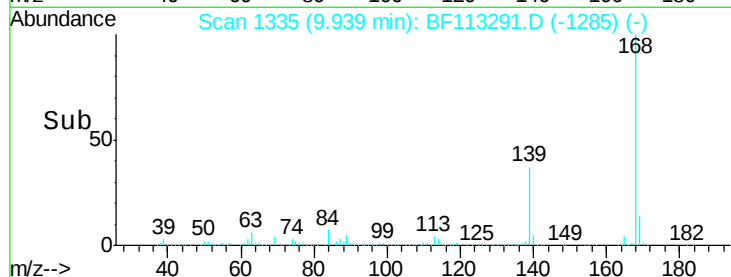
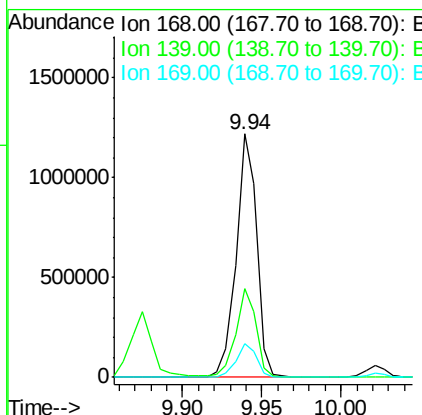
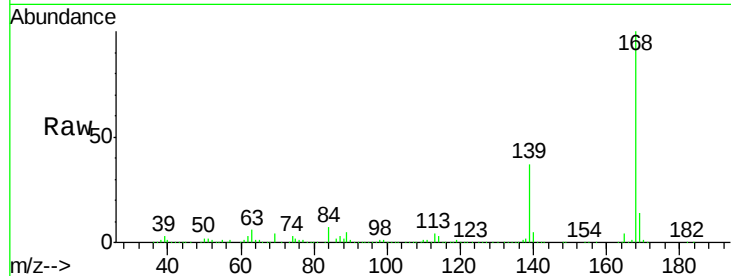
#55
Dibenzenofuran
Concen: 40.881 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:168 Resp: 1093598
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.9 10.7 16.1

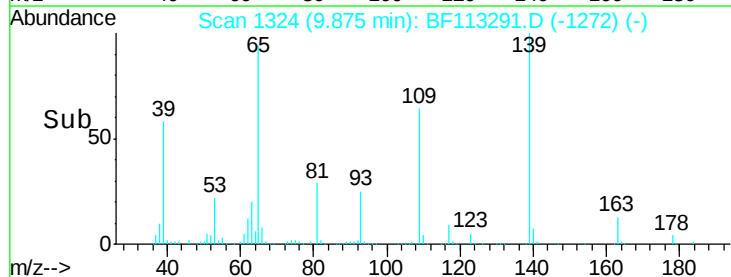
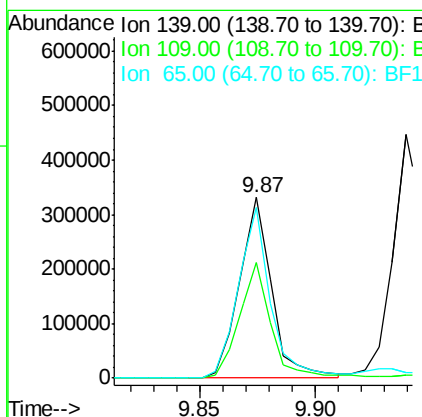
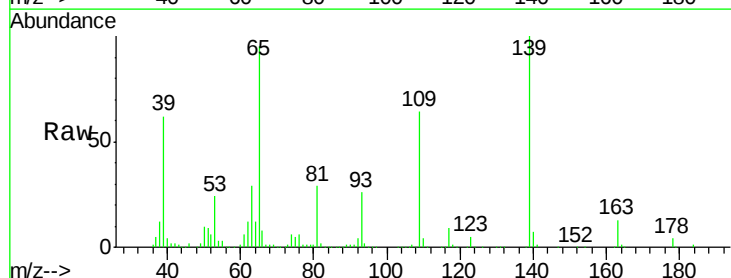
Manual Integrations
APPROVED

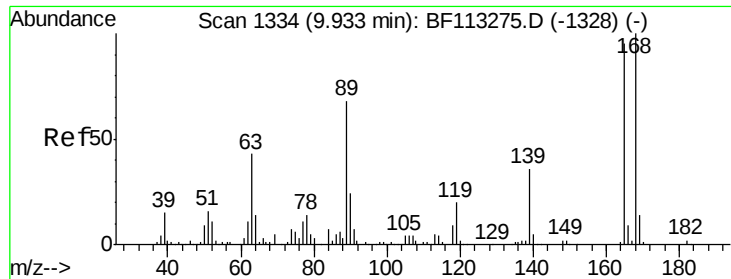
Sohil
3/27/2019 3:17:39 PM



#56
4-Nitrophenol
Concen: 79.534 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:139 Resp: 324879
Ion Ratio Lower Upper
139 100
109 63.8 46.9 86.9
65 94.6 77.2 117.2





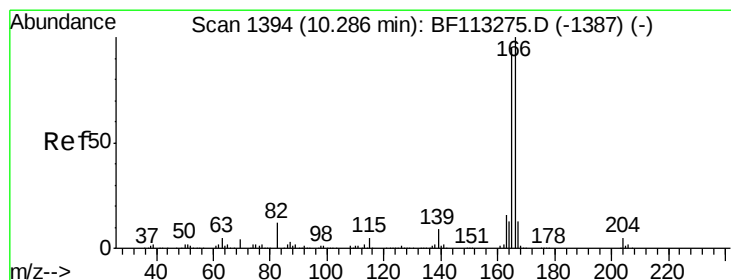
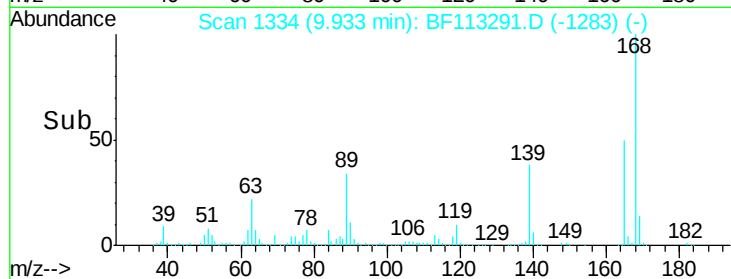
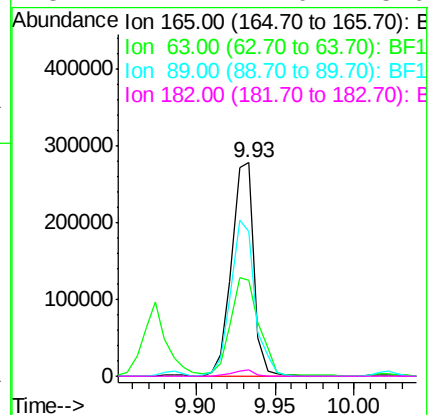
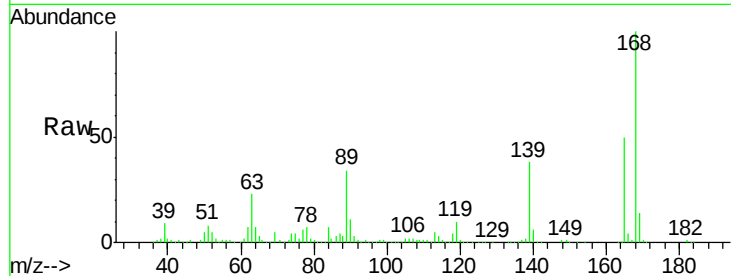
#57
 2,4-Dinitrotoluene
 Concen: 41.913 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	165	Resp:	270804
Ion Ratio	Lower	Upper	
165	100		
63	45.2	37.5	56.3
89	67.8	57.4	86.2
182	2.7	2.0	3.0

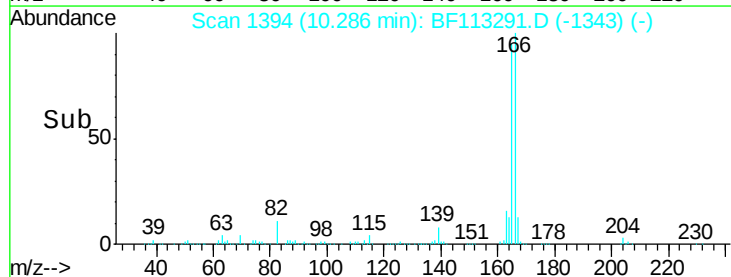
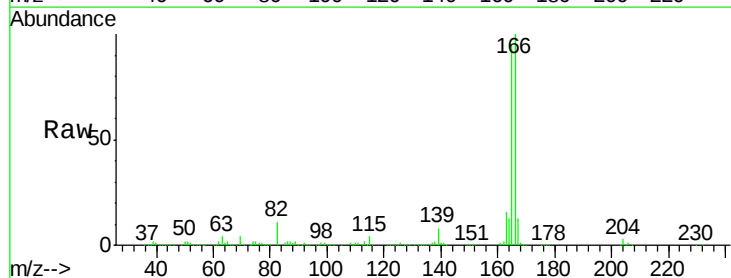
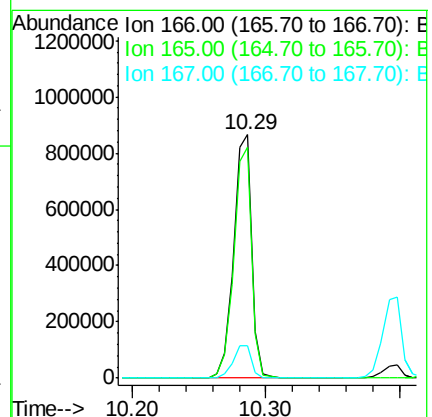
Manual Integrations
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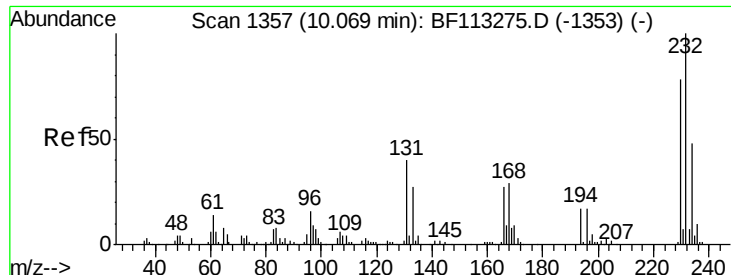
Sohil
 3/27/2019 3:17:39 PM



#58
 Fluorene
 Concen: 39.978 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:	166	Resp:	830798
Ion Ratio	Lower	Upper	
166	100		
165	94.7	76.2	114.2
167	13.3	10.7	16.1





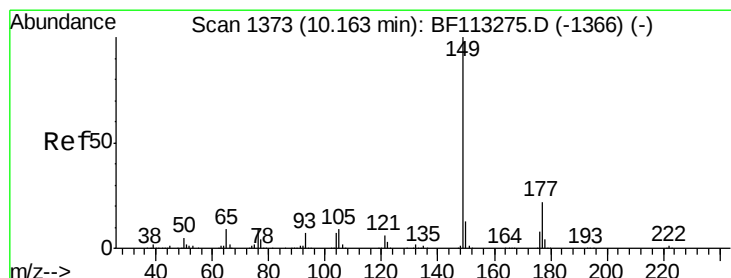
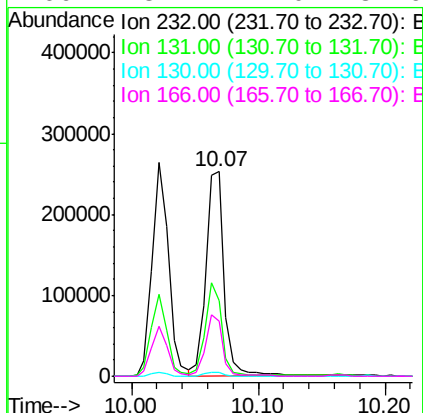
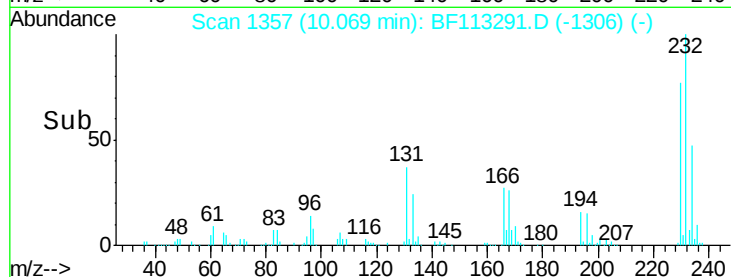
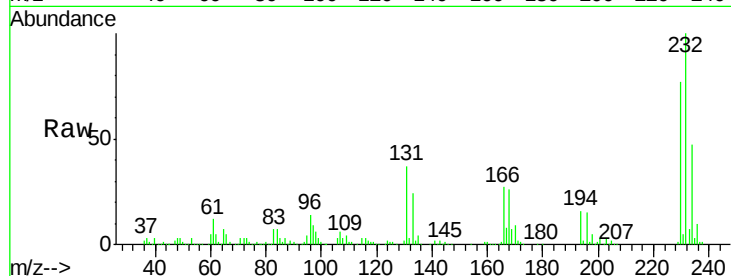
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.811 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	254508		
131	42.1	33.2	49.8	
130	1.9	1.6	2.4	
166	28.1	21.0	31.6	

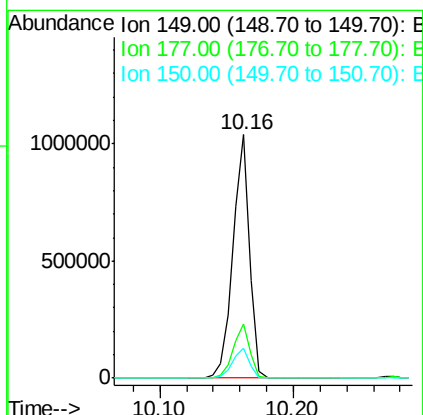
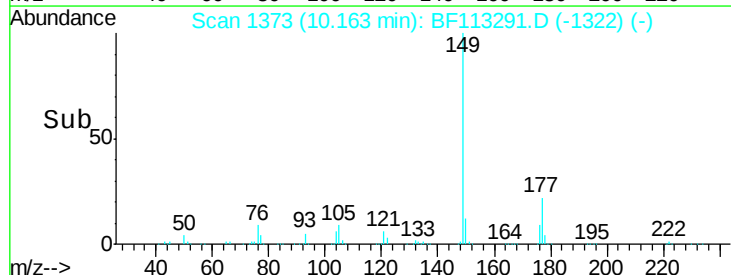
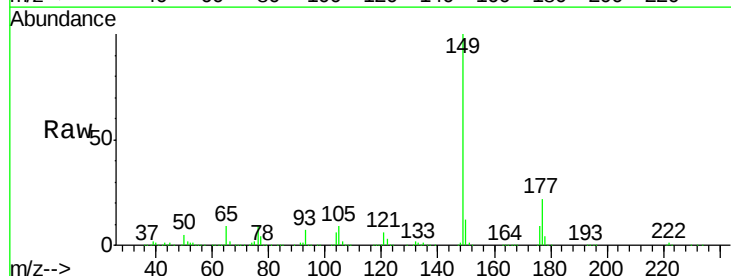
Manual Integrations
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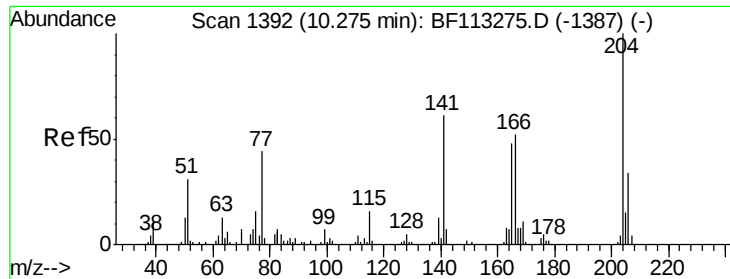
Sohil
3/27/2019 3:17:39 PM



#60
Diethylphthalate
Concen: 41.183 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	909837		
177	22.4	17.4	26.0	
150	12.4	10.0	15.0	





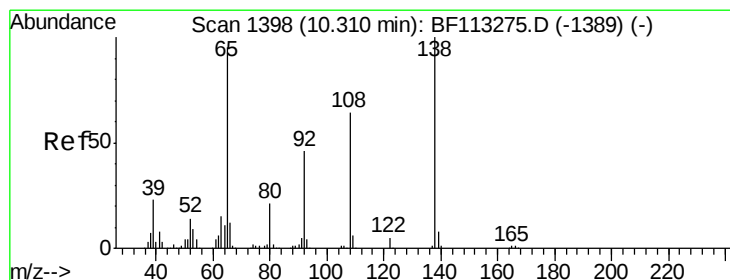
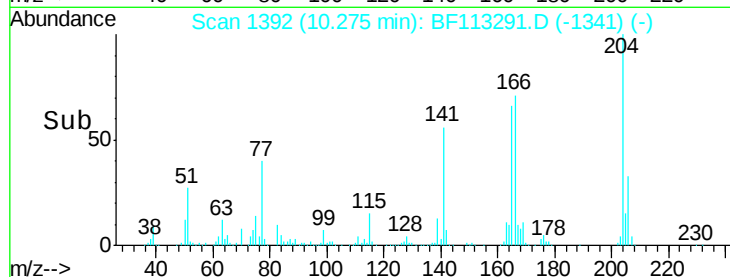
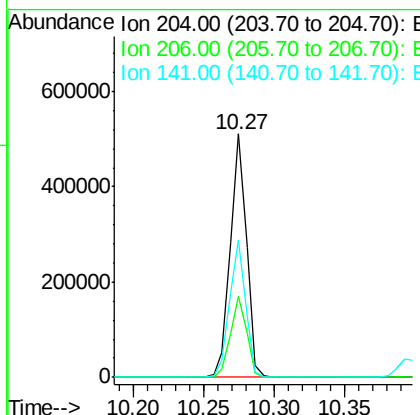
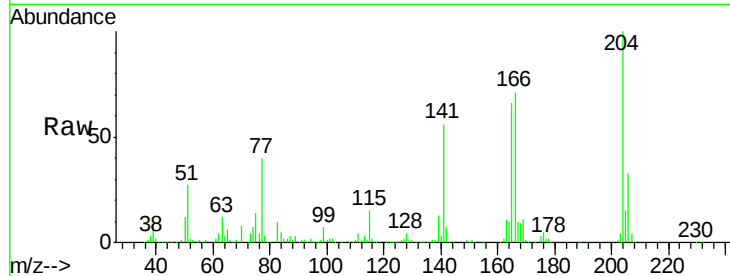
#61
 4-Chlorophenyl-phenylether
 Concen: 40.266 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	407826		
206	33.3	26.9	40.3	
141	56.4	48.8	73.2	

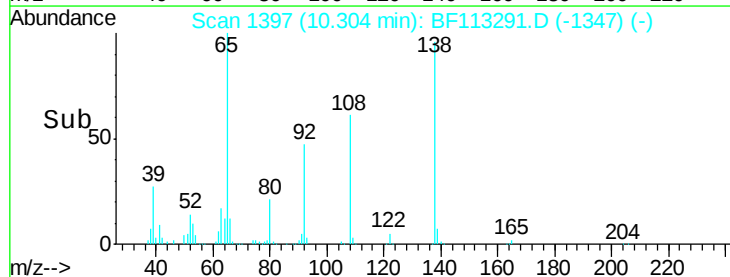
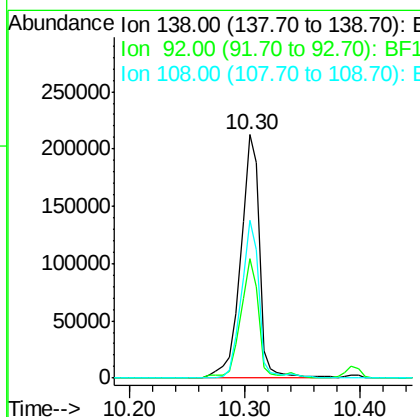
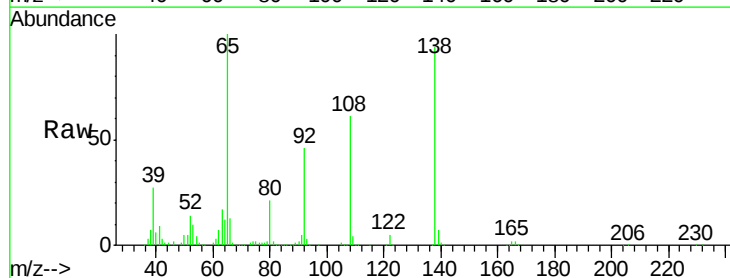
Manual Integrations
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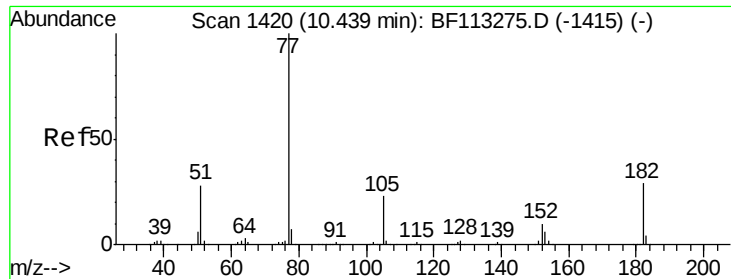
Sohil
 3/27/2019 3:17:39 PM



#62
 4-Nitroaniline
 Concen: 41.022 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	241990		
92	48.8	25.8	65.8	
108	64.6	44.0	84.0	





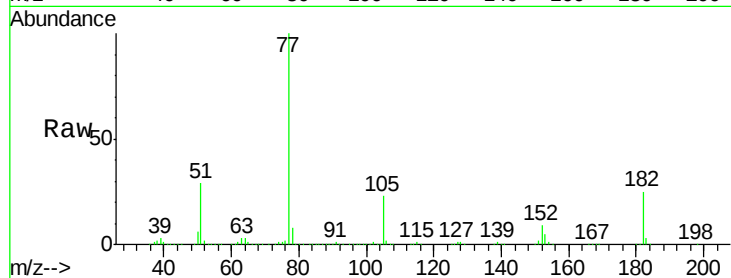
#63
Azobenzene
Concen: 40.819 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

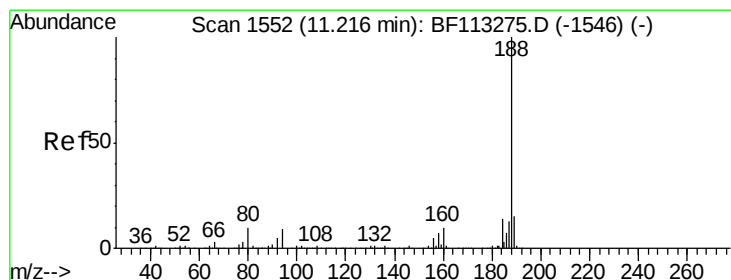
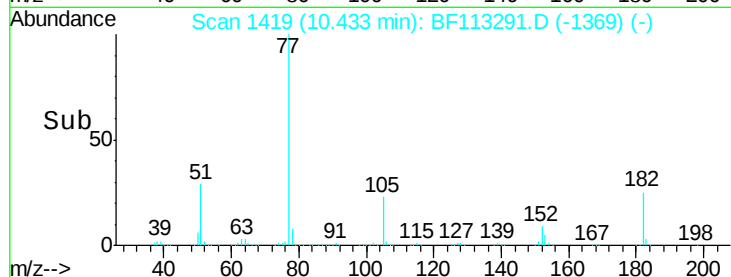
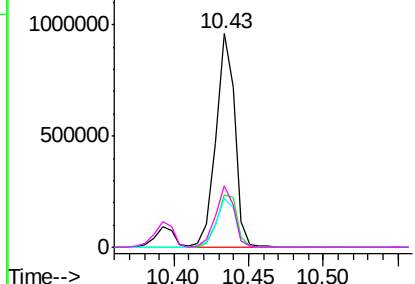
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	8.7	48.7
105	22.7	2.9	42.9
51	29.0	8.8	48.8

Manual Integrations
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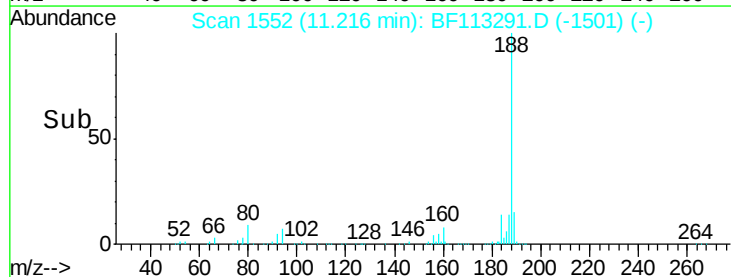
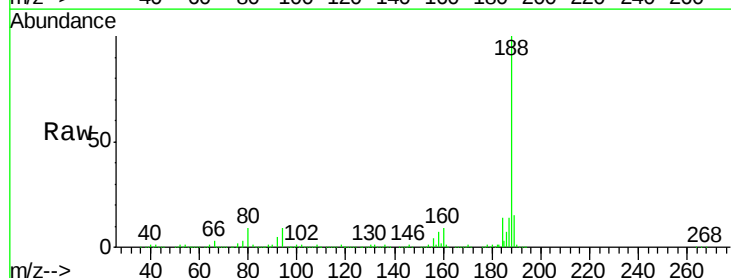
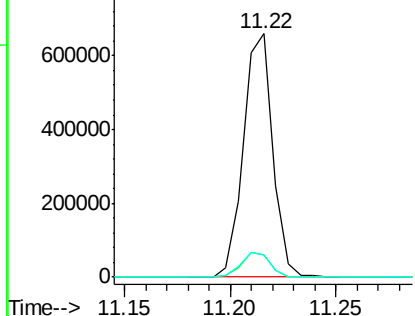
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

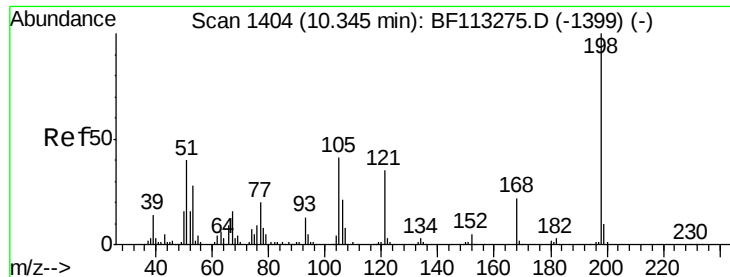


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.2	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.738 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:198 Resp: 116872

Ion Ratio Lower Upper

198 100

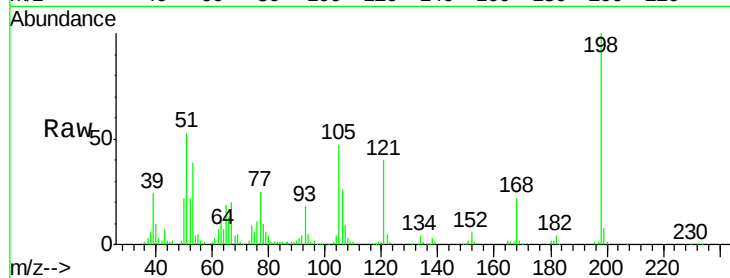
51 53.1 21.6 61.6

105 47.4 20.6 60.6

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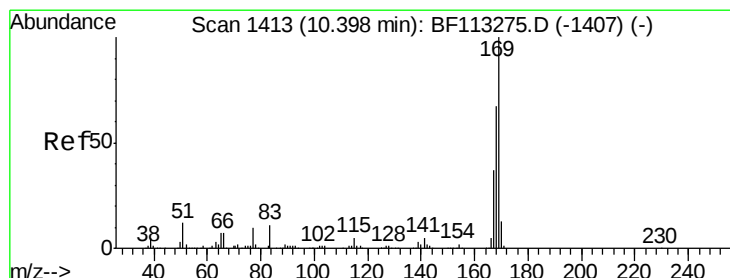
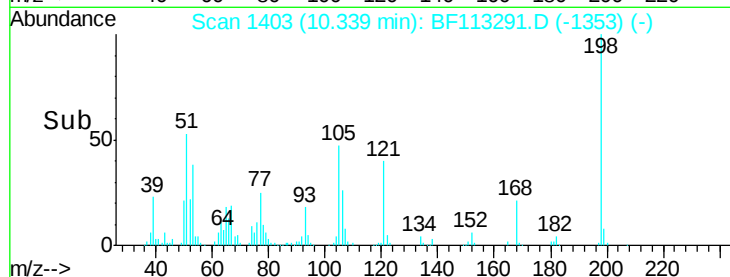
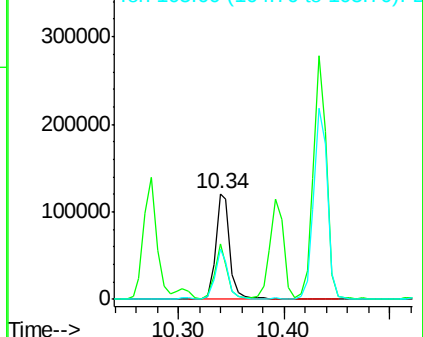
3/27/2019 3:17:39 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.890 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

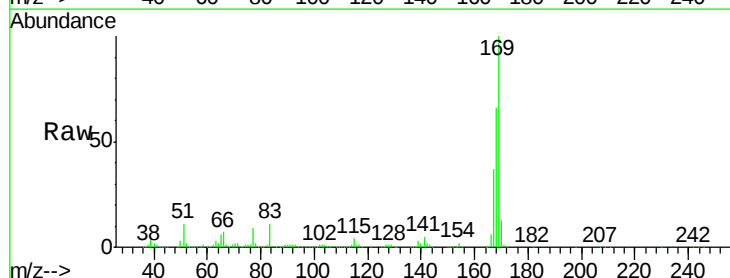
Tgt Ion:169 Resp: 775108

Ion Ratio Lower Upper

169 100

168 65.6 53.7 80.5

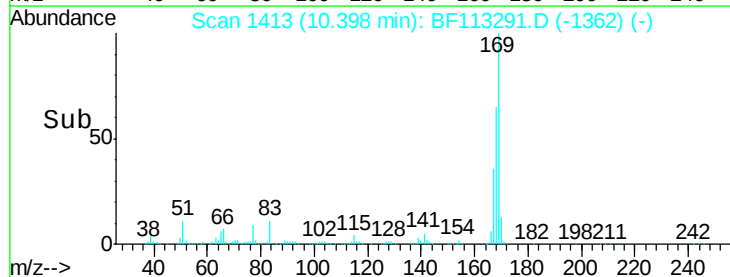
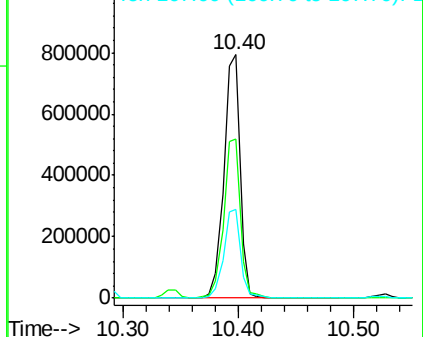
167 36.5 29.5 44.3

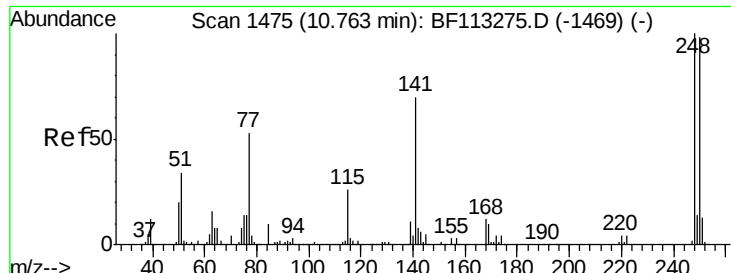


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





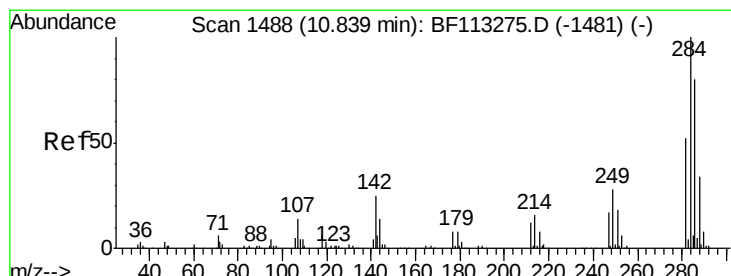
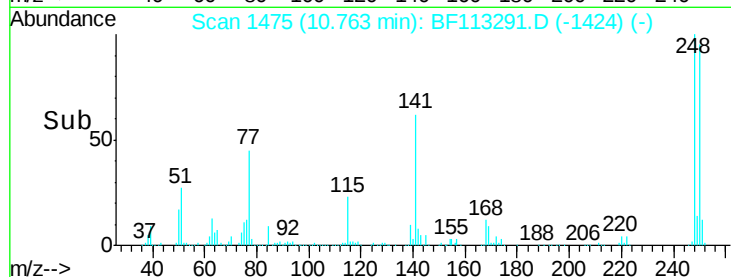
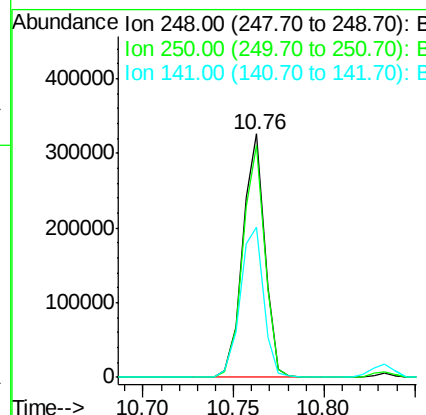
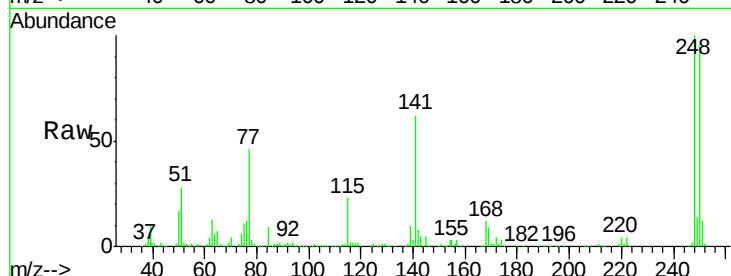
#67
 4-Bromophenyl-phenylether
 Concen: 39.878 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.3	117.5
141	61.9	56.2	84.4

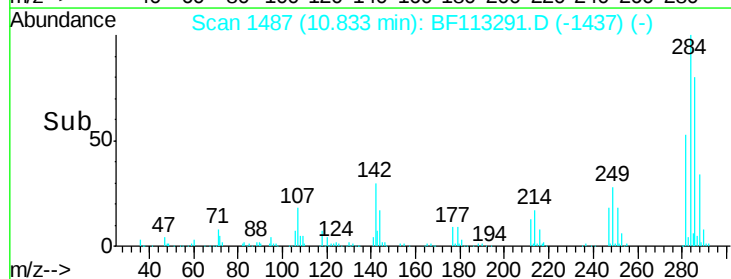
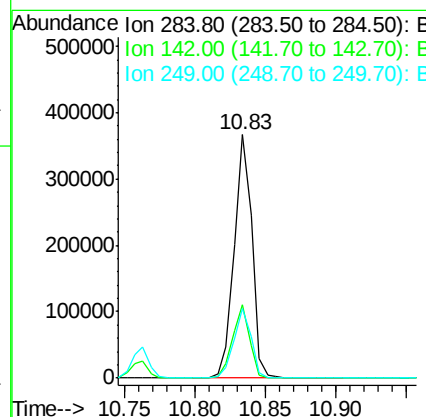
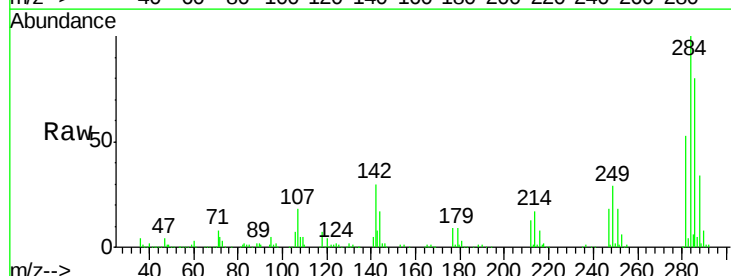
Manual Integrations
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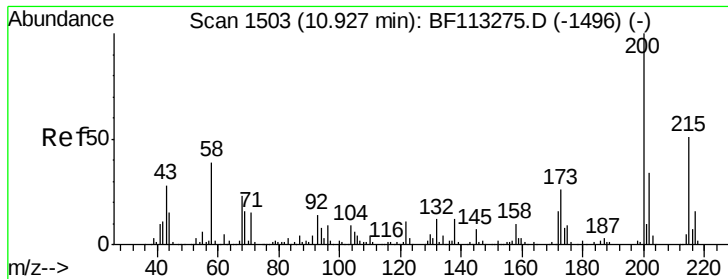
Sohil
 3/27/2019 3:17:39 PM



#68
 Hexachlorobenzene
 Concen: 39.933 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	20.1	30.1
249	28.6	22.7	34.1





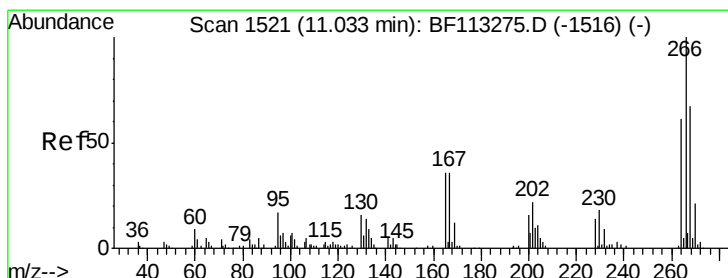
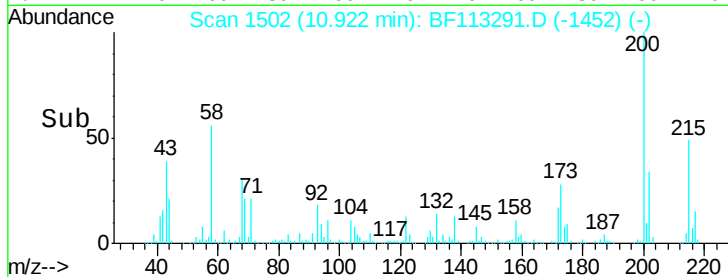
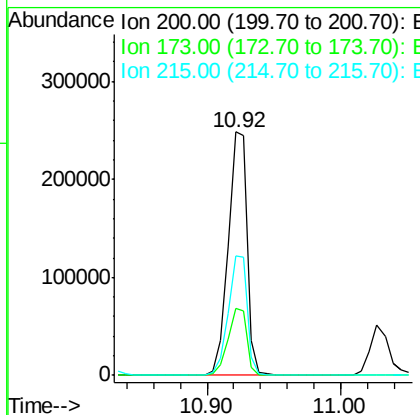
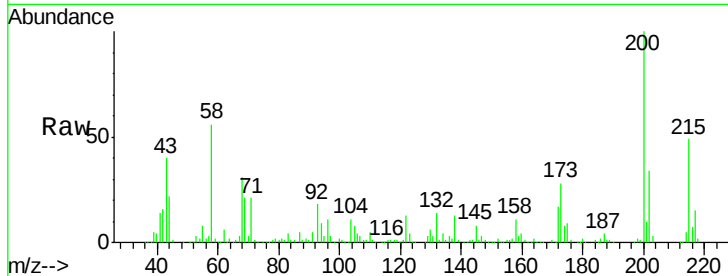
#69
 Atrazine
 Concen: 40.912 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	6.0	46.0
215	49.2	31.3	71.3

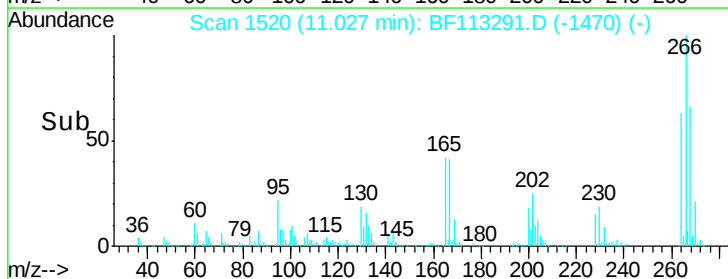
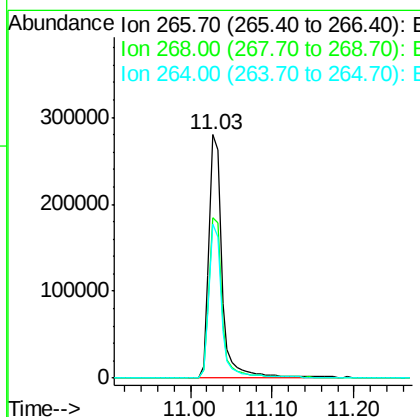
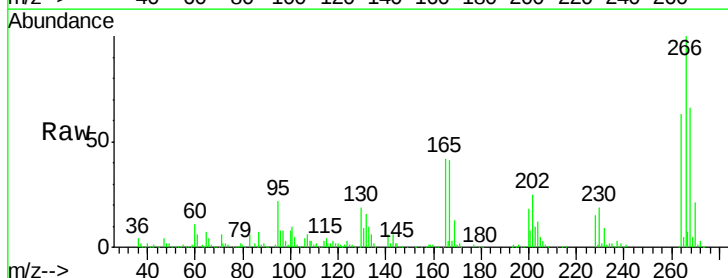
Manual Integrations
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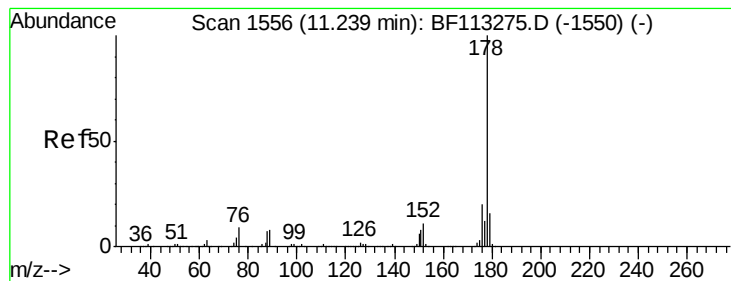
Sohil
 3/27/2019 3:17:39 PM



#70
 Pentachlorophenol
 Concen: 75.372 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	53.8	80.6
264	63.4	49.2	73.8





#71

Phenanthrene

Concen: 39.486 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113291.D

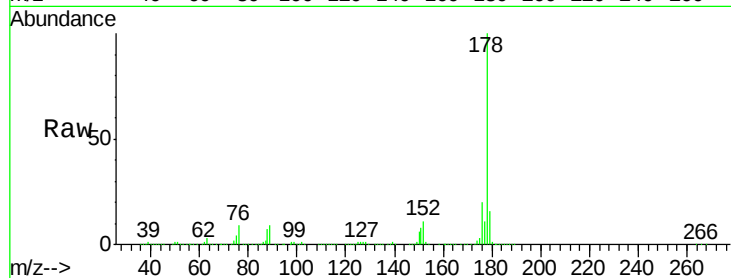
Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS



Tgt Ion:178 Resp: 1241706

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

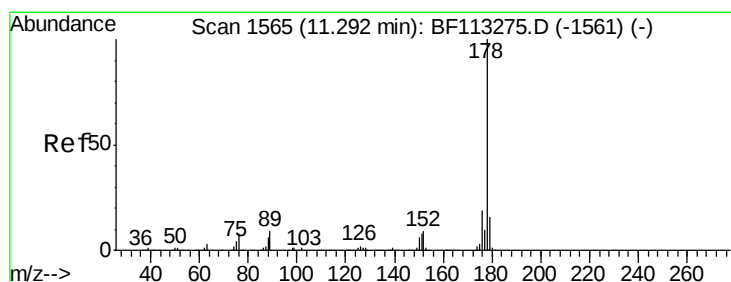
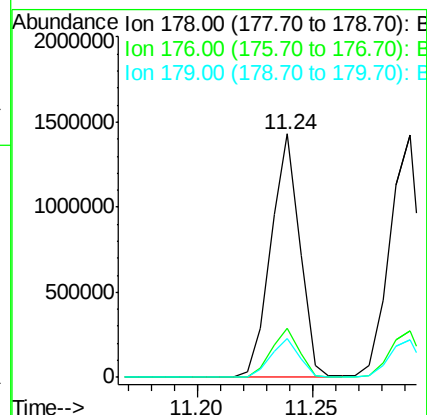
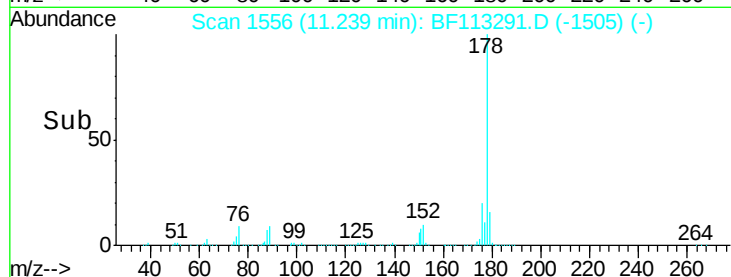
179 16.0 12.7 19.1

Manual Integrations

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Sohil

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#72

Anthracene

Concen: 40.813 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

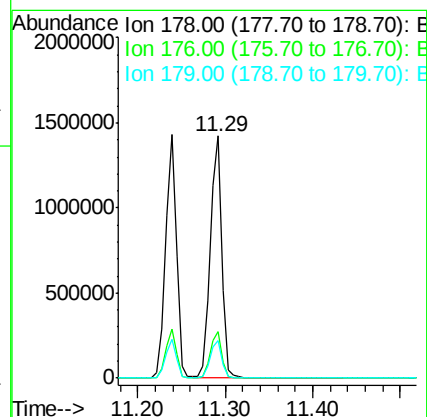
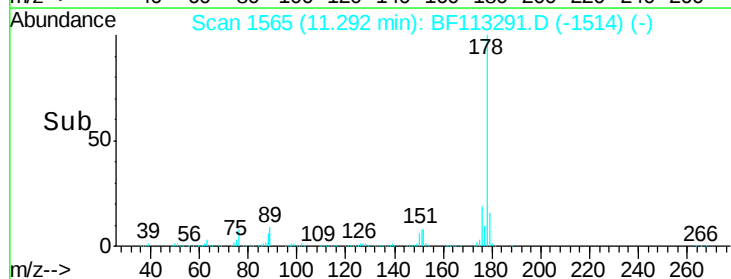
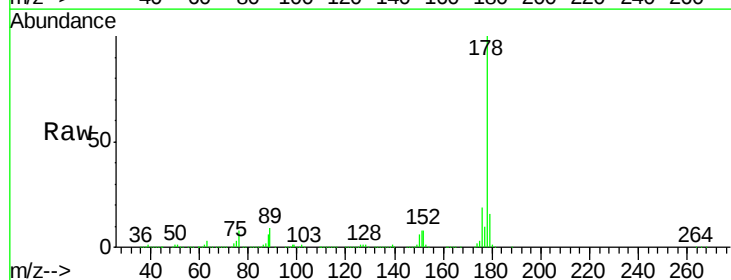
Tgt Ion:178 Resp: 1303618

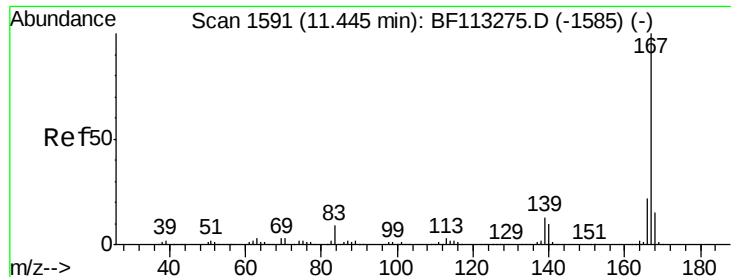
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.8 19.2





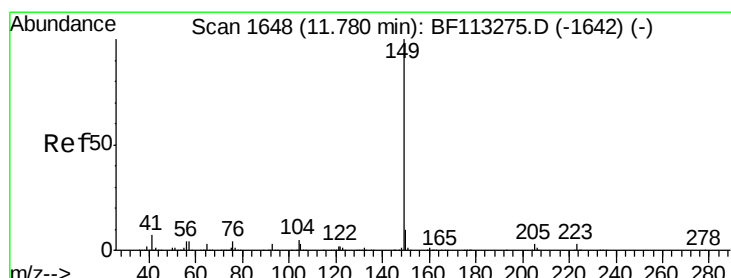
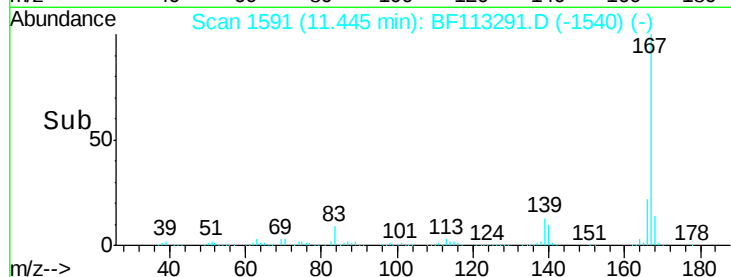
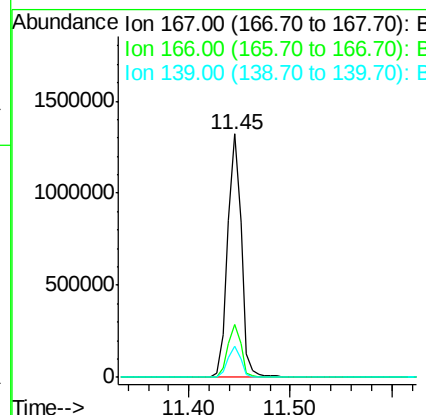
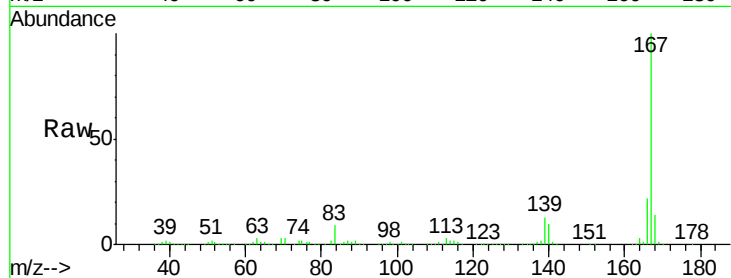
#73
 Carbazole
 Concen: 40.449 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:167 Resp: 1232850
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 10.4 15.6

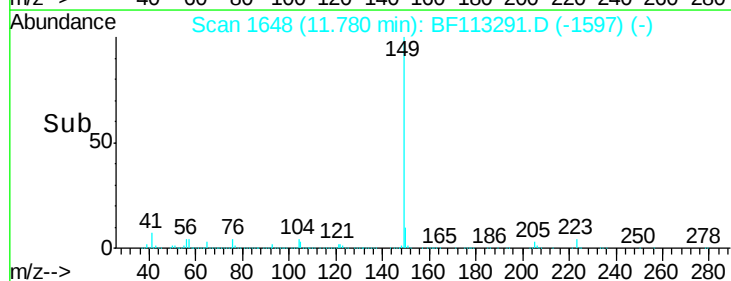
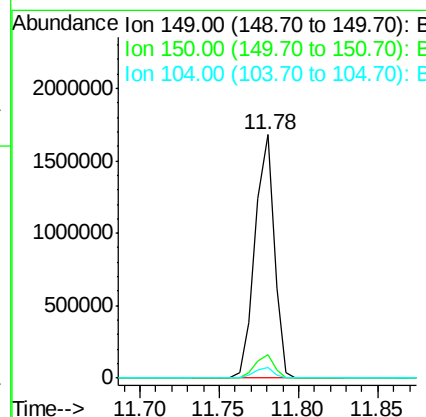
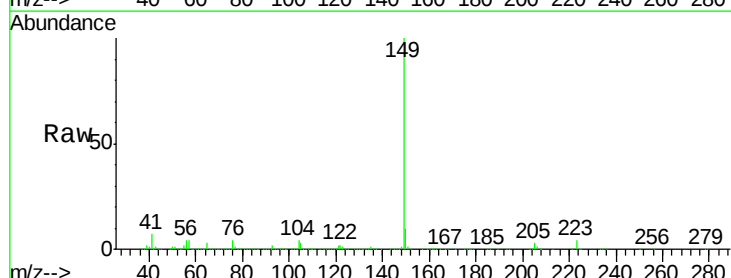
Manual Integrations
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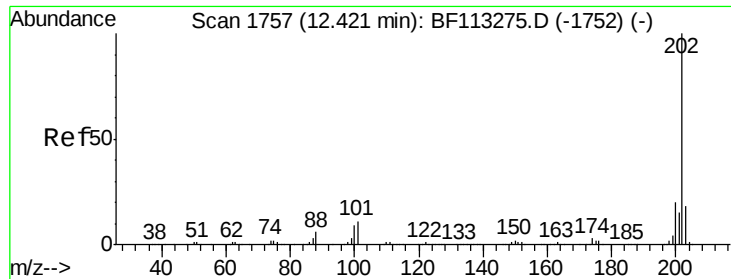
Sohil
 3/27/2019 3:17:39 PM



#74
 Di-n-butylphthalate
 Concen: 40.251 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:149 Resp: 1422655
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 38.436 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

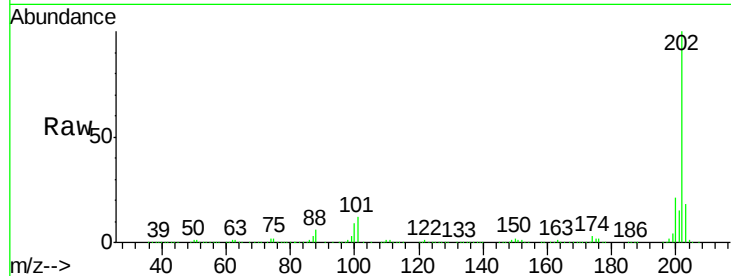
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

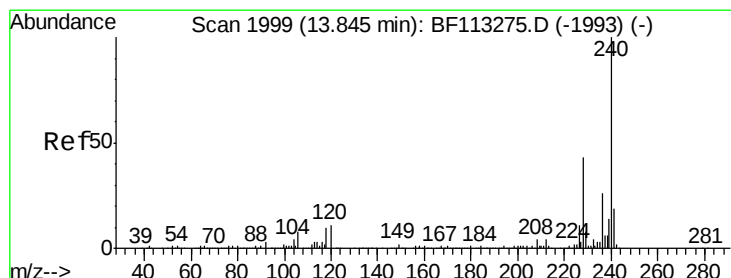
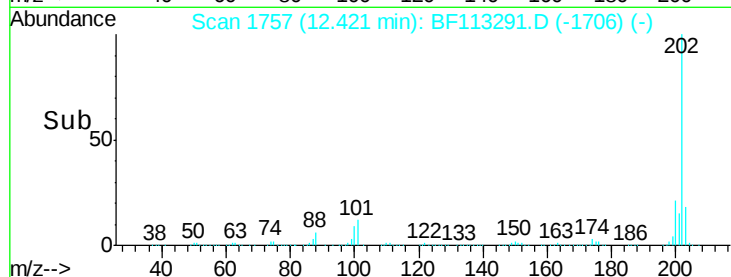
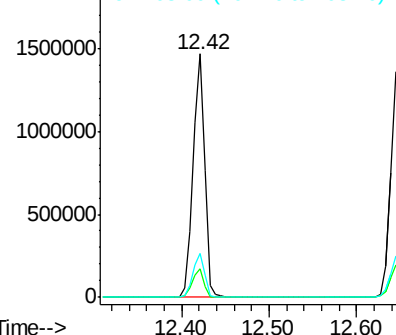
Tgt Ion:	202	Resp:	1366389
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.4
203	18.1	0.0	38.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

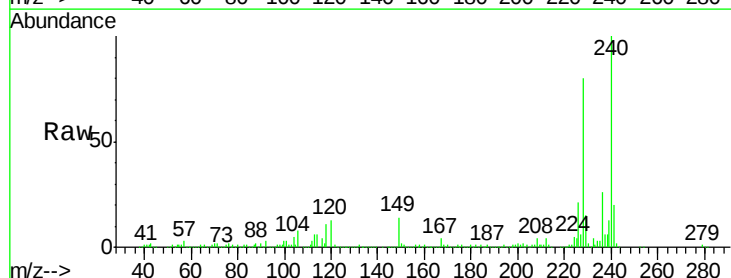
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

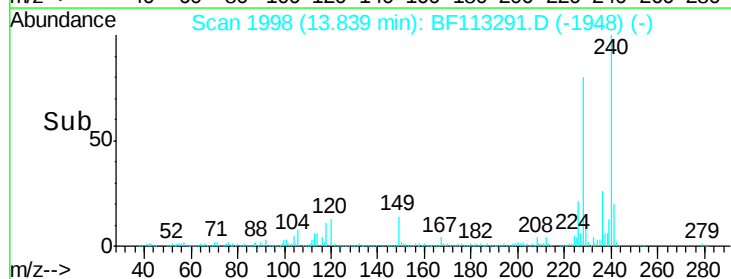
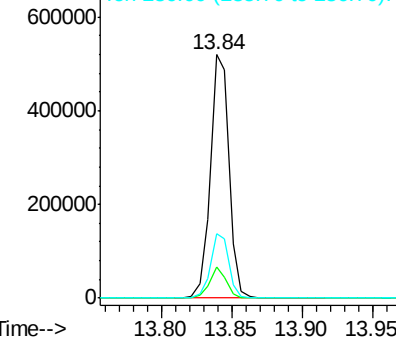
Lab File: BF113291.D

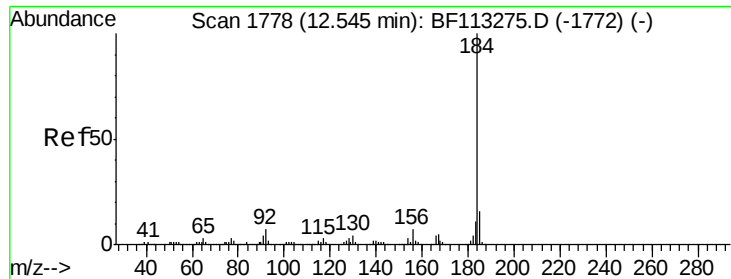
Acq: 26 Mar 2019 14:53

Tgt Ion:	240	Resp:	476071
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.8	13.2
236	26.4	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.982 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

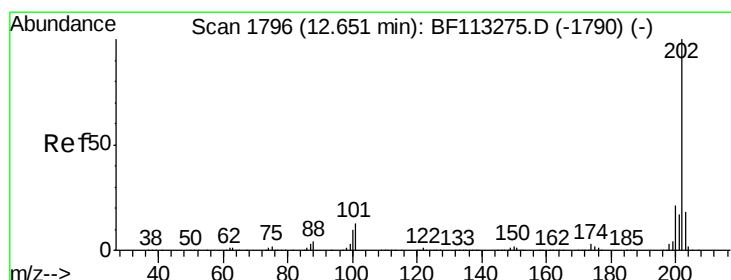
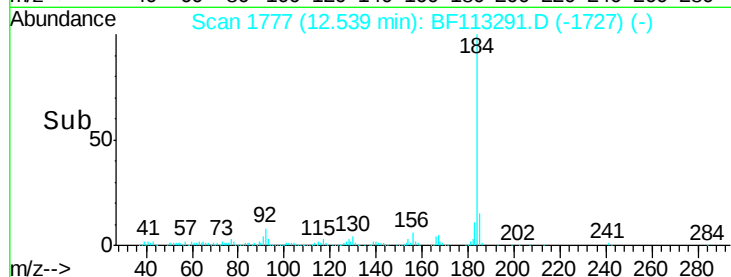
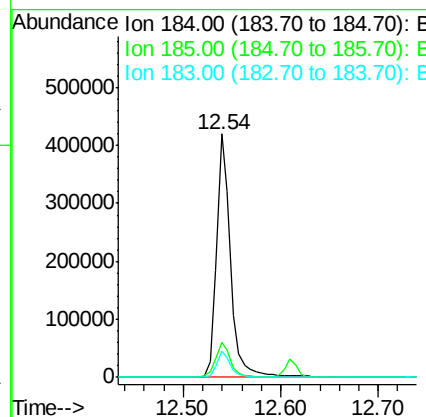
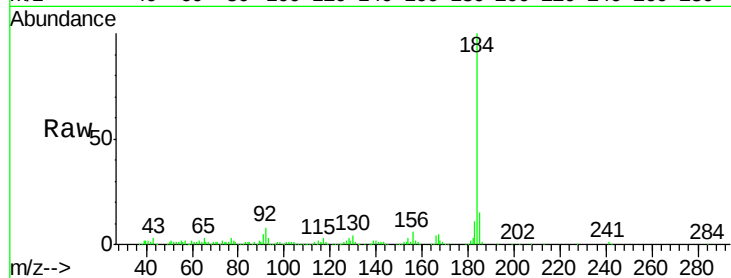
ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	184	Resp:	418982
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	10.6	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 42.217 ng

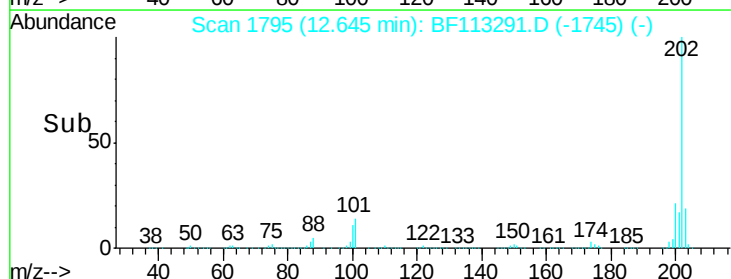
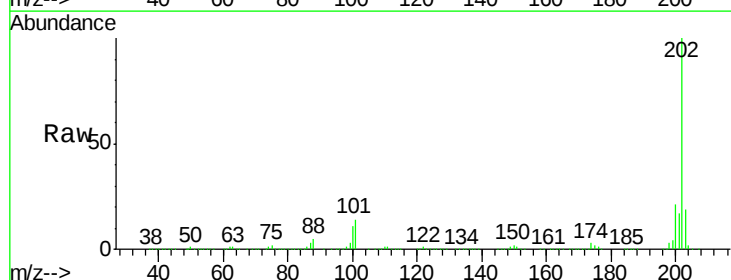
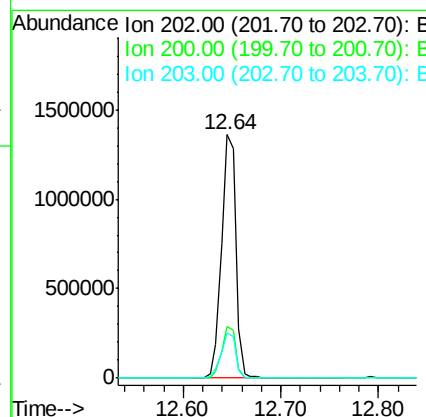
RT: 12.64 min Scan# 1795

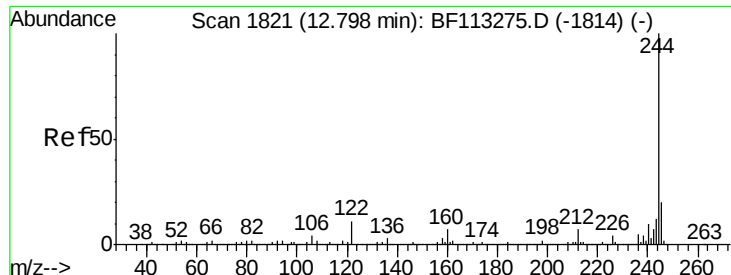
Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:	202	Resp:	1392729
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	18.6	14.4	21.6





#79

Terphenyl-d14

Concen: 91.046 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:244 Resp: 1966469

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

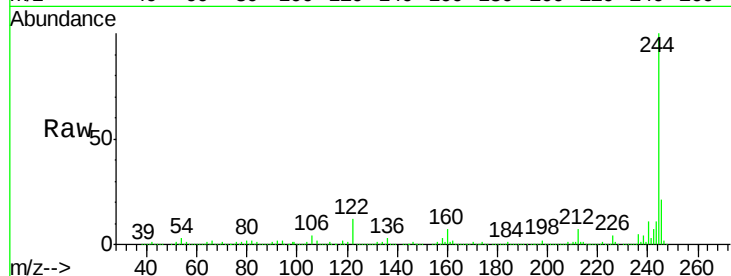
122 11.6 8.6 13.0

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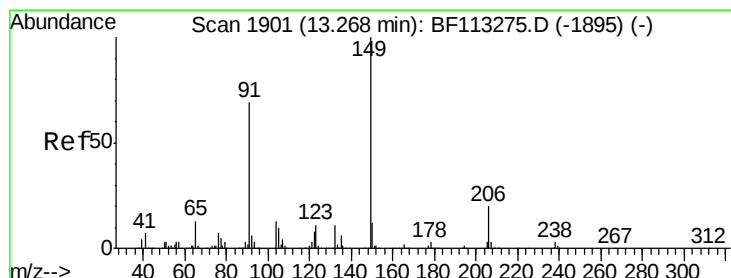
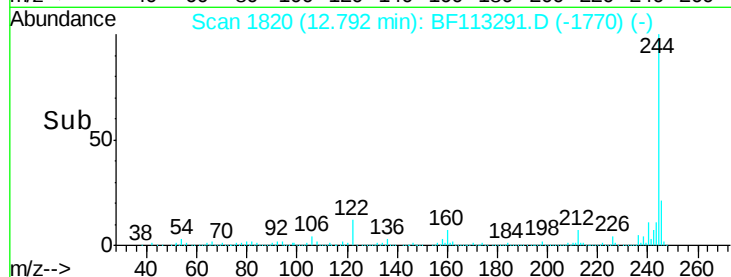
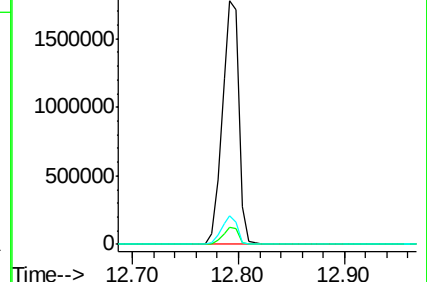
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.204 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

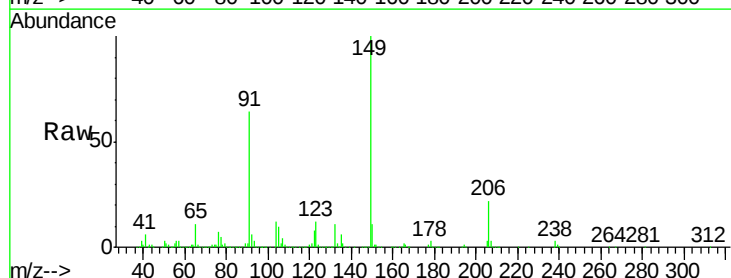
Tgt Ion:149 Resp: 613611

Ion Ratio Lower Upper

149 100

91 64.2 55.2 82.8

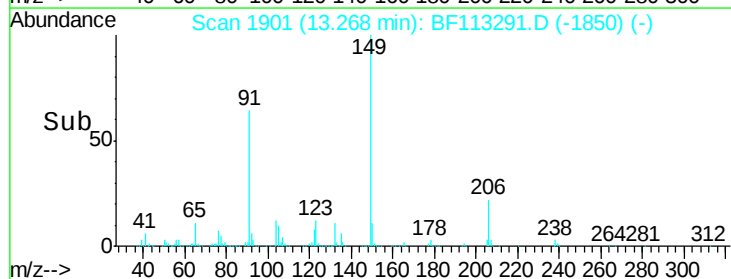
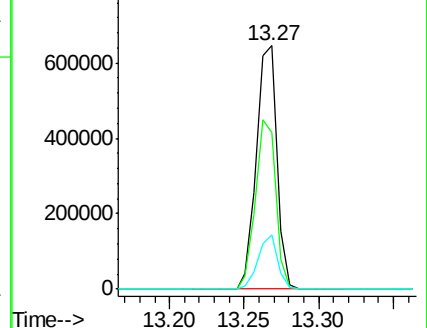
206 22.0 16.1 24.1

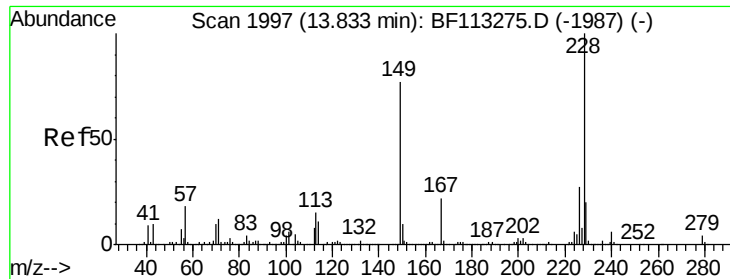


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.910 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:228 Resp: 1060330

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

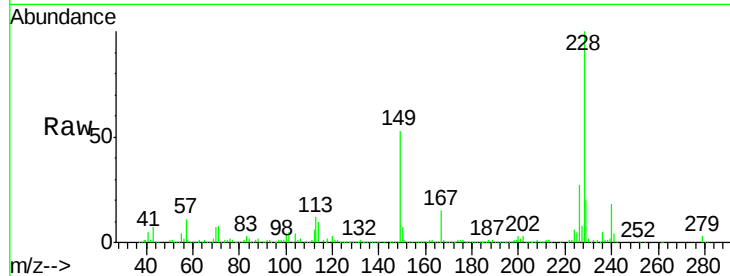
229 20.1 16.2 24.4

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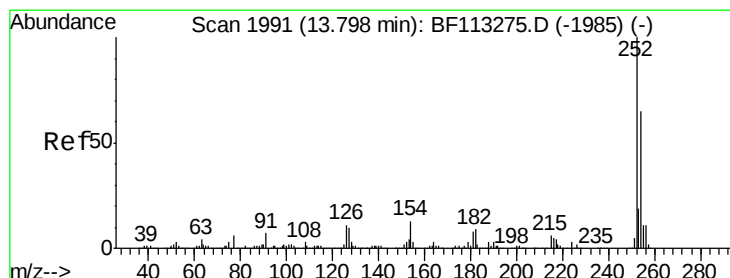
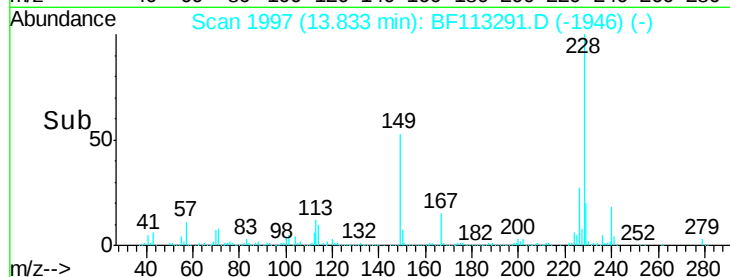
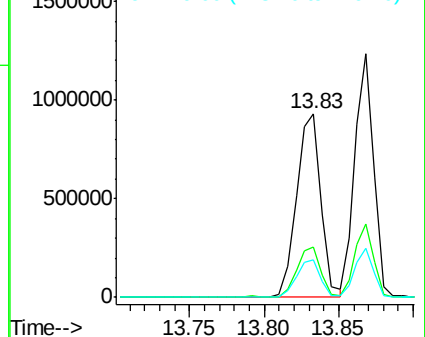
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.624 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:252 Resp: 312932

Ion Ratio Lower Upper

252 100

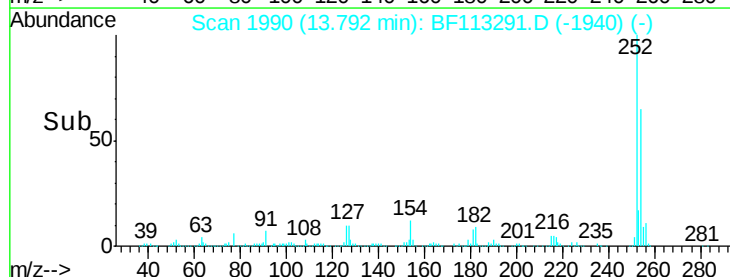
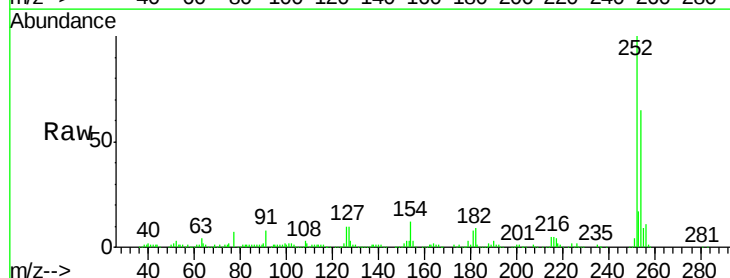
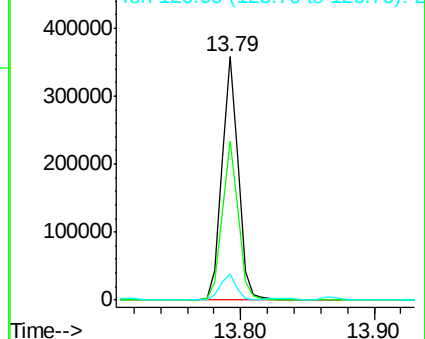
254 65.1 52.2 78.2

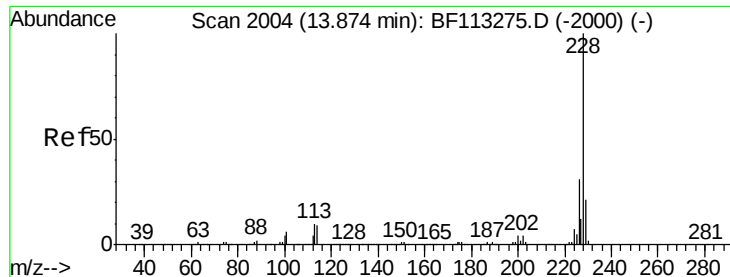
126 10.4 8.5 12.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





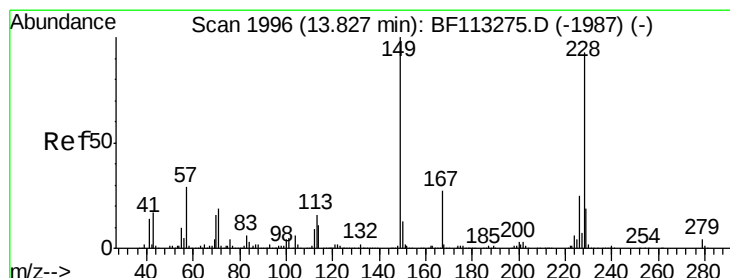
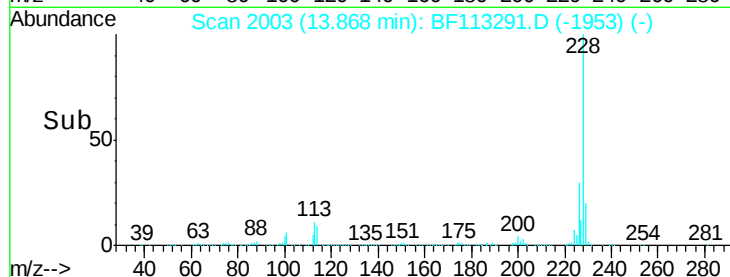
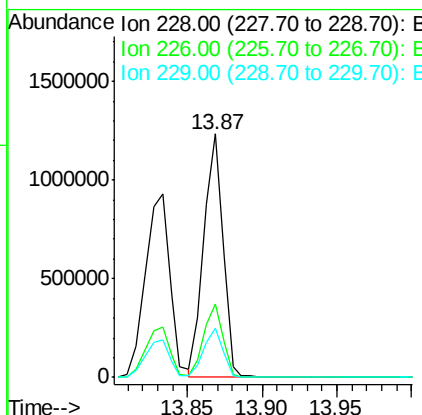
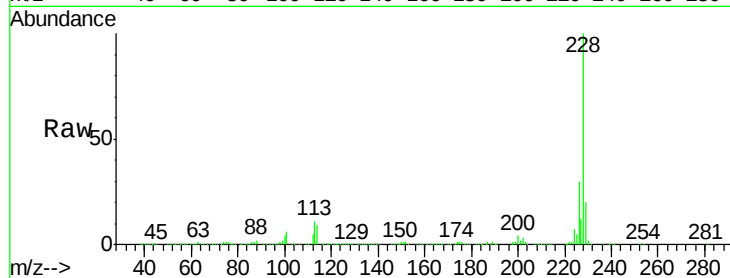
#83
Chrysene
Concen: 39.421 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:228 Resp: 1091156
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.9 16.3 24.5

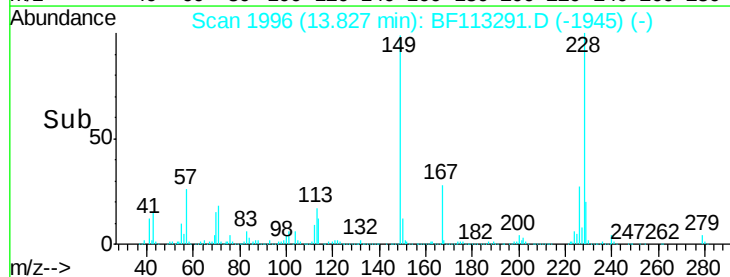
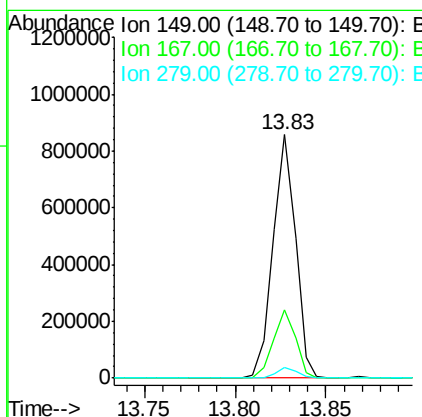
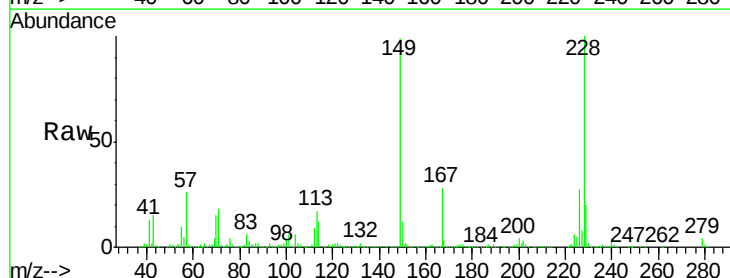
Manual Integrations
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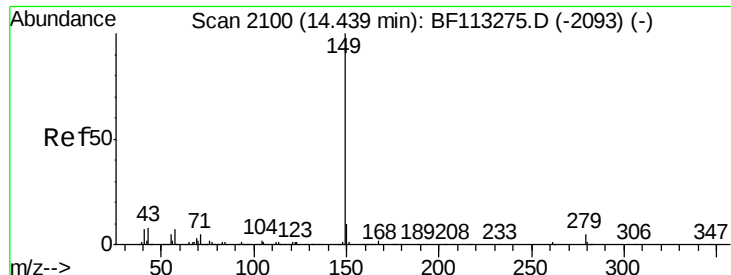
Sohil
3/27/2019 3:17:39 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.747 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:149 Resp: 744078
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.8
279 4.2 2.9 4.3





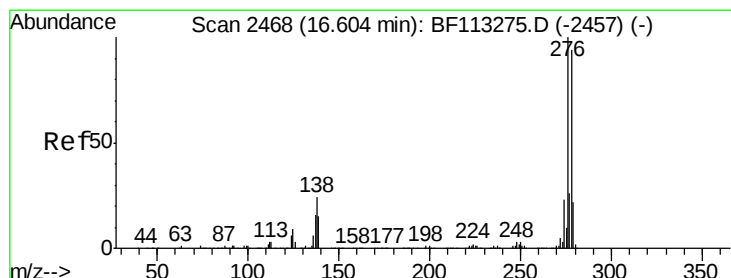
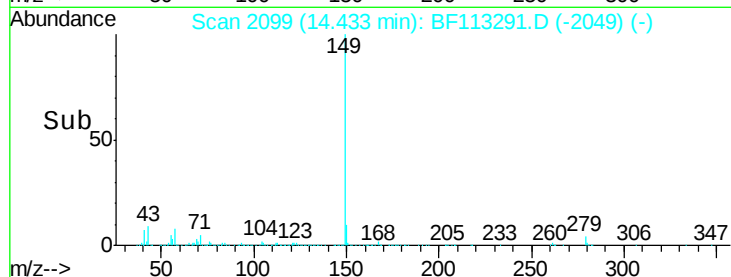
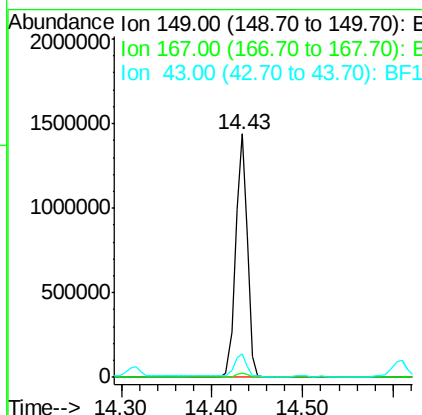
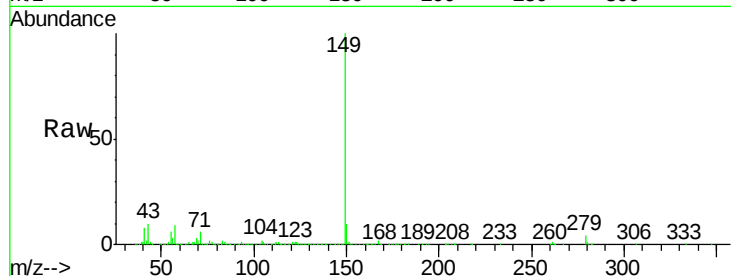
#85
Di-n-octyl phthalate
Concen: 43.341 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.7	11.5

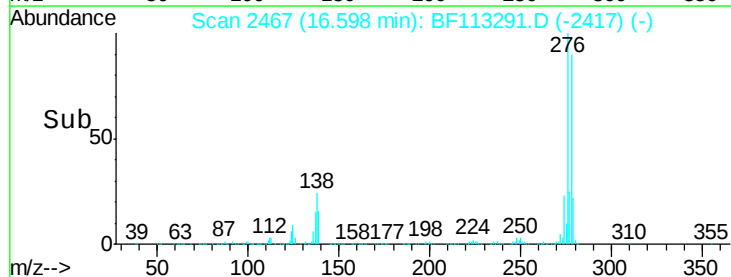
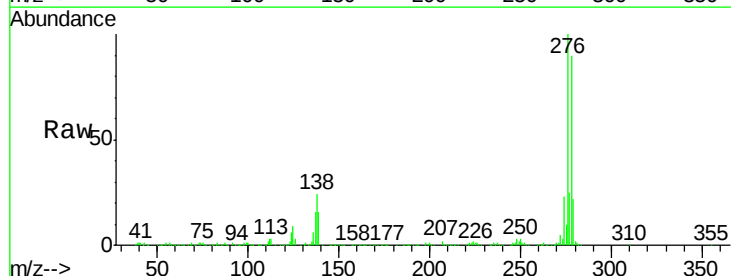
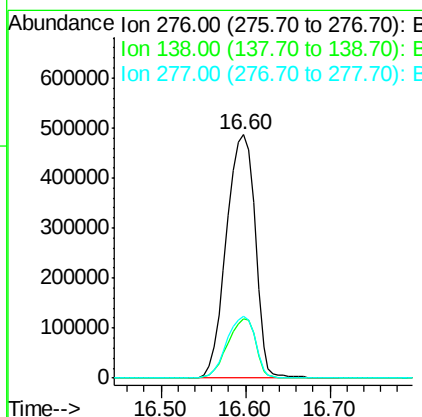
Manual Integrations
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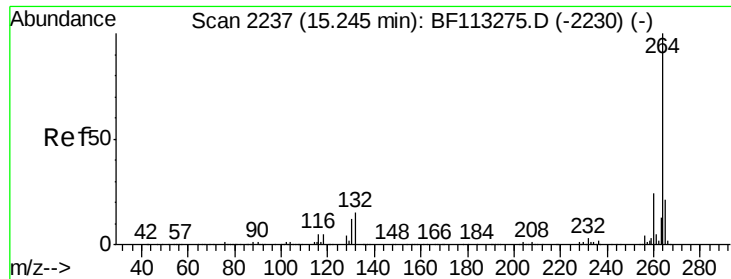
Sohil
3/27/2019 3:17:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.269 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.1	27.1
277	25.1	20.2	30.4





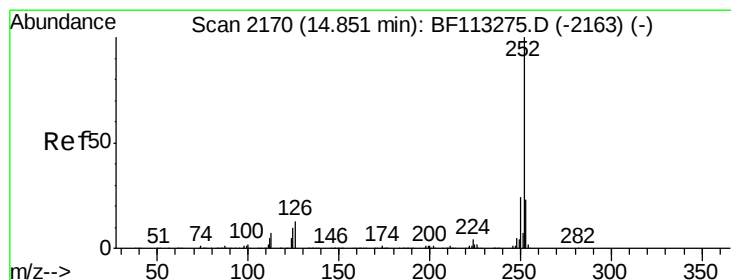
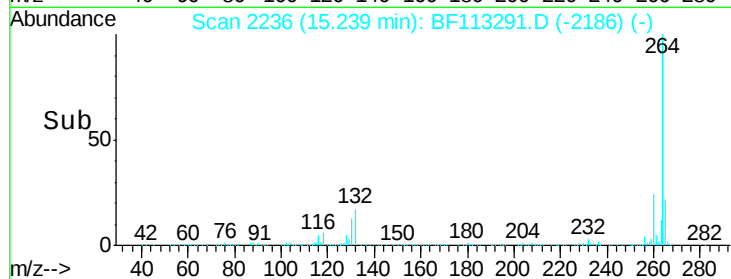
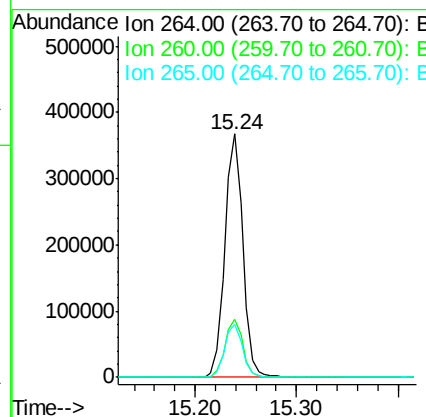
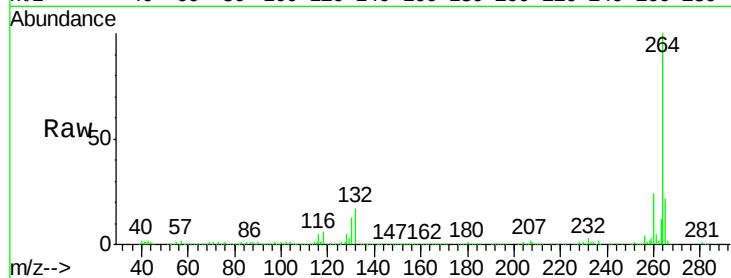
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.1	25.7

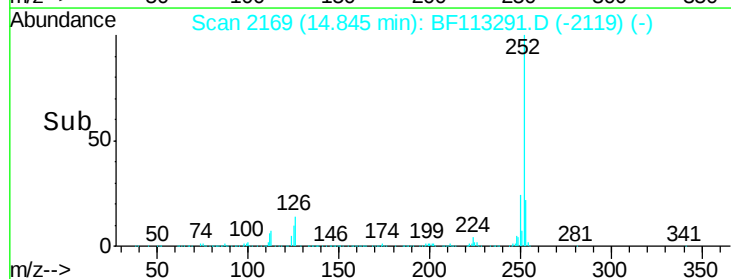
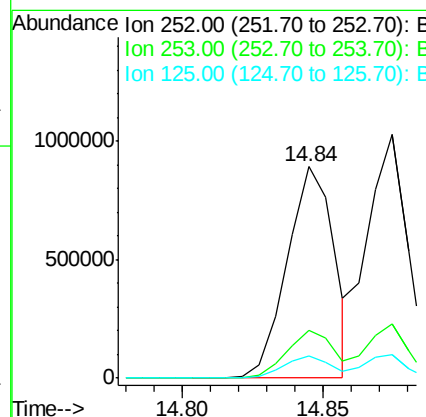
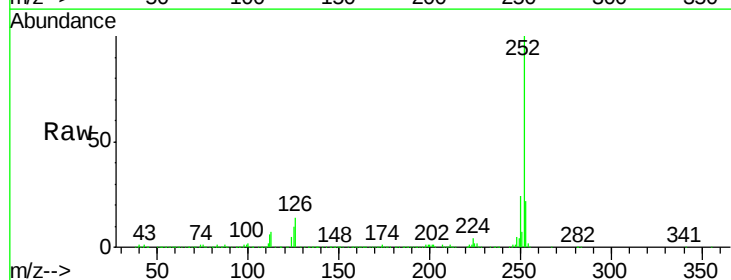
Manual Integrations
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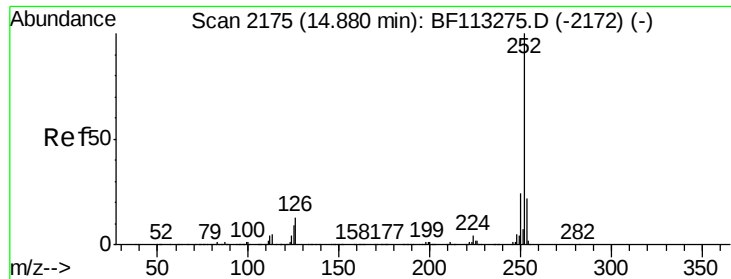
Sohil
3/27/2019 3:17:39 PM



#88
Benzo(b)fluoranthene
Concen: 36.559 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.4	7.6	11.4





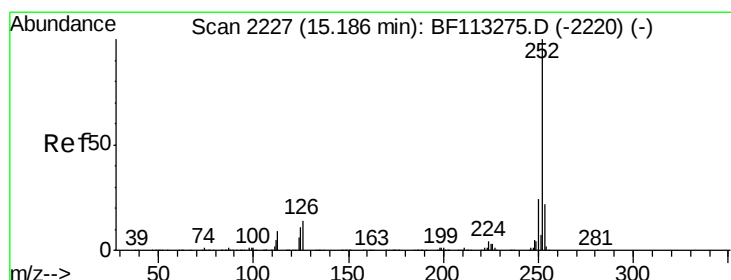
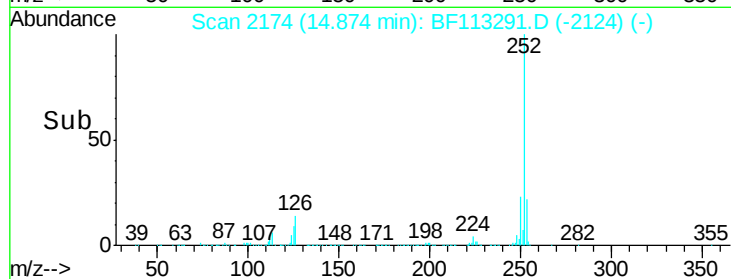
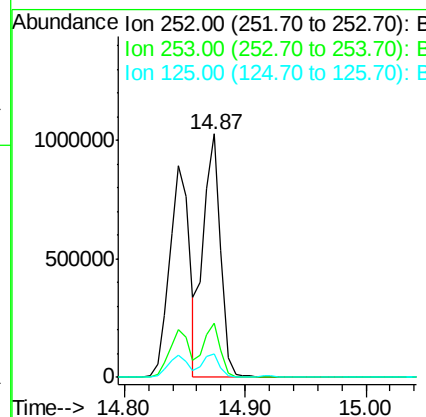
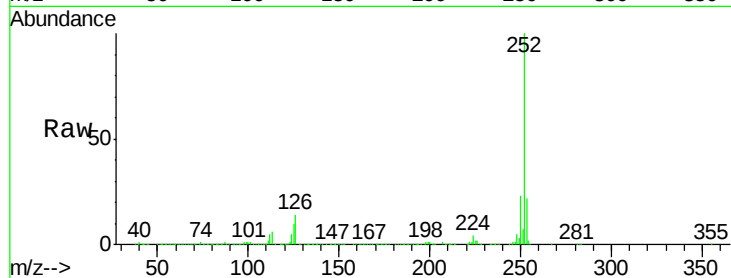
#89
Benzo(k)fluoranthene
Concen: 41.143 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:252 Resp: 1017744
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.6 7.3 10.9

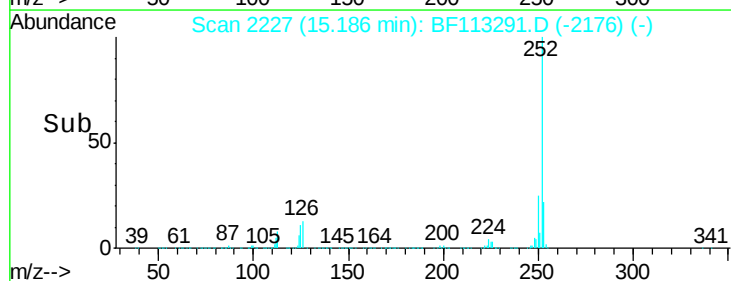
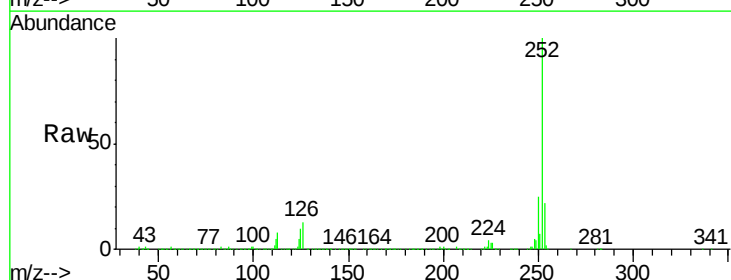
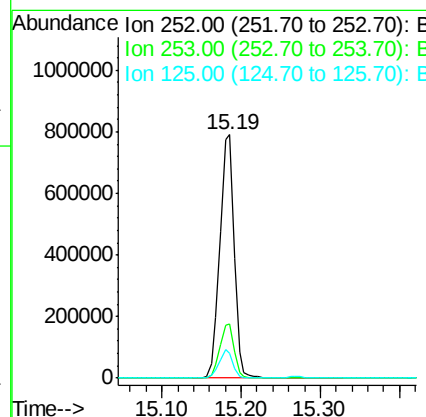
Manual Integrations
APPROVED

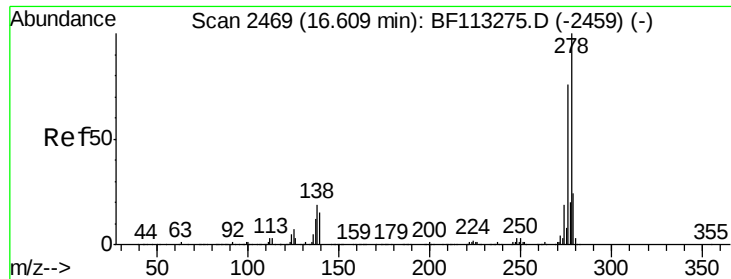
Sohil
3/27/2019 3:17:39 PM



#90
Benzo(a)pyrene
Concen: 39.822 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:252 Resp: 994443
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.3 8.8 13.2





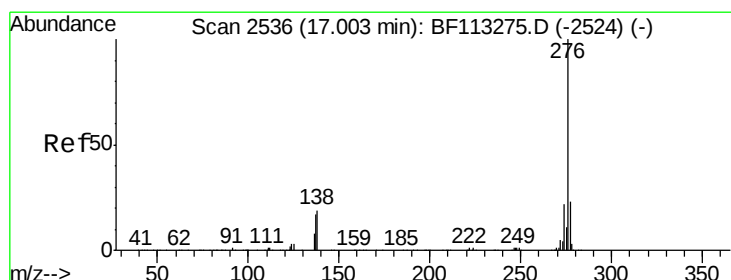
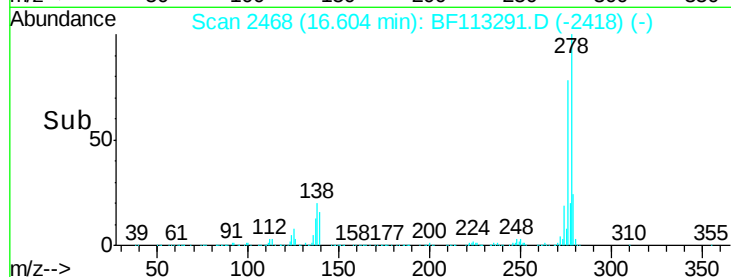
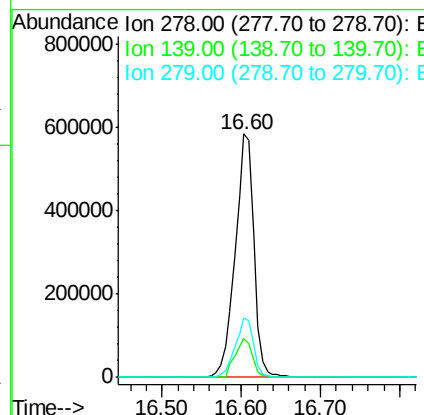
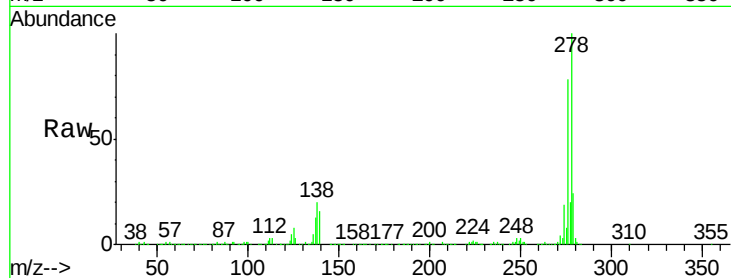
#91
Dibenzo(a,h)anthracene
Concen: 44.093 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:39 PM



#92
Benzo(g,h,i)perylene
Concen: 43.523 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.8	15.6	23.4

