

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113292.D
 Acq On : 26 Mar 2019 15:22
 Operator : JU/SJ
 Sample : K2081-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/27/2019 3:17:41 PM

Quant Time: Mar 27 06:56:12 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	131708	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	468818	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	256320	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	519172	20.00	ng	0.00
76) Chrysene-d12	13.84	240	386898	20.00	ng	0.00
87) Perylene-d12	15.24	264	386481	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	990602	122.98	ng	0.01
7) Phenol-d6	6.36	99	1236052	121.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	769983	97.48	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	401338	126.76	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1379843	84.21	ng	0.00
79) Terphenyl-d14	12.79	244	1596248	90.94	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.39	88	136304	33.352 ng	100
3) Pyridine	3.11	79	346216	34.364 ng	98
4) n-Nitrosodimethylamine	3.03	42	168635	37.651 ng	94
6) Aniline	6.36	93	311974	25.141 ng	84
8) 2-Chlorophenol	6.49	128	372969	39.873 ng	98
9) Benzaldehyde	6.25	77	86103	12.592 ng	98
10) Phenol	6.37	94	469819	40.386 ng	81
11) bis(2-Chloroethyl)ether	6.44	93	345819	38.781 ng	99
12) 1,3-Dichlorobenzene	6.65	146	379836	37.672 ng	98
13) 1,4-Dichlorobenzene	6.72	146	389132	39.971 ng	99
14) 1,2-Dichlorobenzene	6.87	146	361851	37.781 ng	98
15) Benzyl Alcohol	6.85	79	304664	45.320 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	552294	41.228 ng	98
17) 2-Methylphenol	6.97	107	307839	41.994 ng	98
18) Hexachloroethane	7.22	117	137217	39.242 ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	247997	38.745 ng	99
20) 3+4-Methylphenols	7.13	107	380336	45.204 ng	93
22) Acetophenone	7.12	105	497441	46.526 ng	# 98
24) Nitrobenzene	7.29	77	389872	47.301 ng	98
25) Isophorone	7.53	82	664682	43.423 ng	98
26) 2-Nitrophenol	7.60	139	194309	44.600 ng	93
27) 2,4-Dimethylphenol	7.65	122	314015	50.105 ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	419679	43.537 ng	100
29) 2,4-Dichlorophenol	7.85	162	306761	45.168 ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	321141	43.828 ng	99
31) Naphthalene	8.01	128	1019235	44.489 ng	99
32) Benzoic acid	7.74	122	33942	6.728 ng	93
33) 4-Chloroaniline	8.06	127	214737	24.037 ng	99
34) Hexachlorobutadiene	8.13	225	185962	42.701 ng	99
35) Caprolactam	8.42	113	97624m	44.788 ng	
36) 4-Chloro-3-methylphenol	8.56	107	309763	45.347 ng	97
37) 2-Methylnaphthalene	8.70	142	685794	47.974 ng	99
38) 1-Methylnaphthalene	8.80	142	645390	46.938 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	316549	38.473 ng	99

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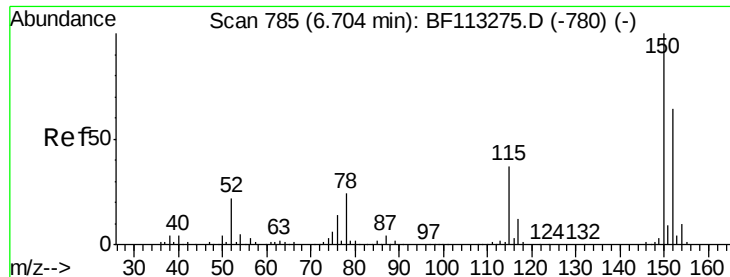
Manual Integrations
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Quant Time: Mar 27 06:56:12 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	292507	83.990	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	218394	40.761	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	234718	39.584	ng	98
46) 1,1'-Biphenyl	9.16	154	842780	39.368	ng	99
47) 2-Chloronaphthalene	9.19	162	649923	39.430	ng	98
48) 2-Nitroaniline	9.28	65	212841	41.148	ng	97
49) Acenaphthylene	9.60	152	1141681	42.838	ng	100
50) Dimethylphthalate	9.46	163	871873	45.899	ng	100
51) 2,6-Dinitrotoluene	9.52	165	181672	42.394	ng	100
52) Acenaphthene	9.77	154	641224	42.723	ng	99
53) 3-Nitroaniline	9.69	138	150928	31.231	ng	99
54) 2,4-Dinitrophenol	9.80	184	84994	39.878	ng	91
55) Dibenzofuran	9.94	168	991975	43.964	ng	99
56) 4-Nitrophenol	9.87	139	286517	83.161	ng	88
57) 2,4-Dinitrotoluene	9.93	165	239351	43.921	ng	98
58) Fluorene	10.28	166	743673	42.427	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	225296	44.931	ng	99
60) Diethylphthalate	10.16	149	795658	42.698	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	368665	43.155	ng	94
62) 4-Nitroaniline	10.30	138	206340	41.470	ng	97
63) Azobenzene	10.43	77	752385	42.893	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	104485	36.789	ng	98
66) n-Nitrosodiphenylamine	10.39	169	686962	43.121	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	238287	42.111	ng	95
68) Hexachlorobenzene	10.83	284	278880	42.460	ng	97
69) Atrazine	10.92	200	216265	43.009	ng	96
70) Pentachlorophenol	11.03	266	273843	80.024	ng	98
71) Phenanthrene	11.24	178	1095537	42.492	ng	99
72) Anthracene	11.29	178	1153691	44.054	ng	100
73) Carbazole	11.45	167	1080876	43.254	ng	100
74) Di-n-butylphthalate	11.78	149	1226981	42.342	ng	99
75) Fluoranthene	12.42	202	1193189	40.938	ng	100
77) Benzidine	12.54	184	377481	25.478	ng	96
78) Pyrene	12.64	202	1208119	45.061	ng	100
80) Butylbenzylphthalate	13.27	149	514990	43.585	ng	94
81) Benzo(a)anthracene	13.83	228	906467	40.930	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	264195	29.736	ng	99
83) Chrysene	13.87	228	956108	42.503	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	619939	42.799	ng	# 99
85) Di-n-octyl phthalate	14.43	149	1070799	43.551	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1108897	57.439	ng	98
88) Benzo(b)fluoranthene	14.84	252	922507	38.425	ng	99
89) Benzo(k)fluoranthene	14.87	252	894435	42.423	ng	99
90) Benzo(a)pyrene	15.19	252	907137	42.620	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	922501	50.126	ng	99
92) Benzo(g,h,i)perylene	17.00	276	975803	52.587	ng	99

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



#1

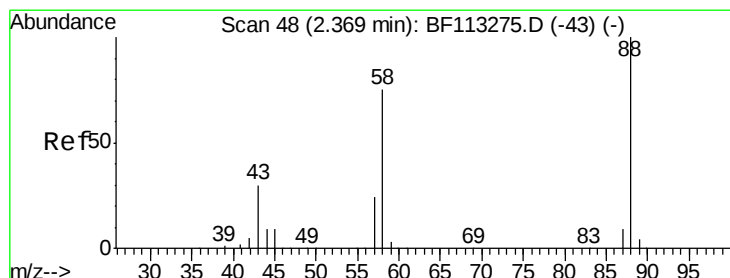
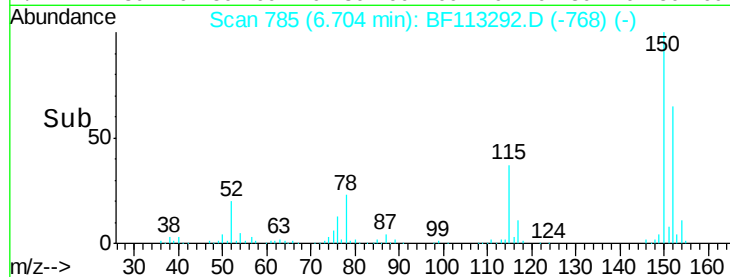
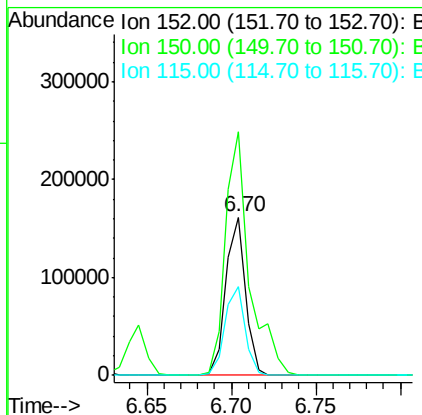
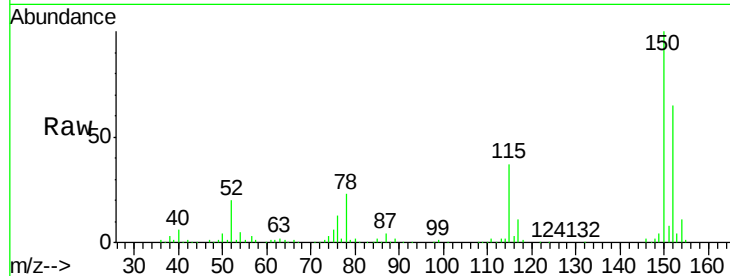
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.7	187.1
115	56.3	46.0	69.0

Manual Integrations
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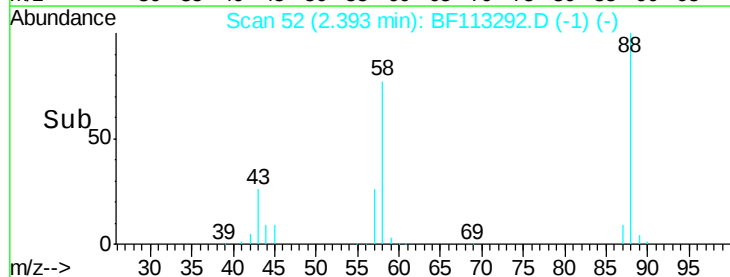
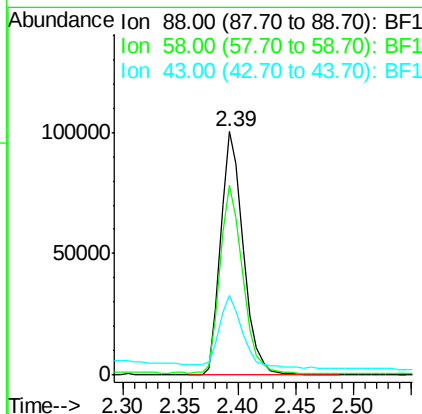
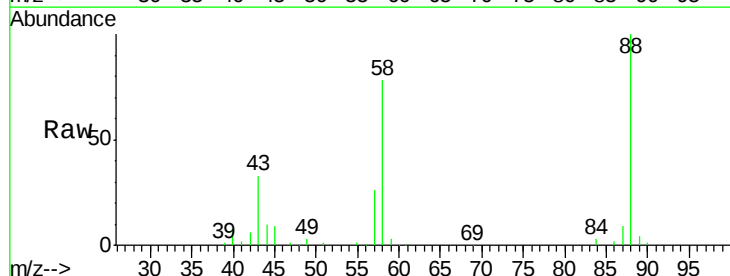
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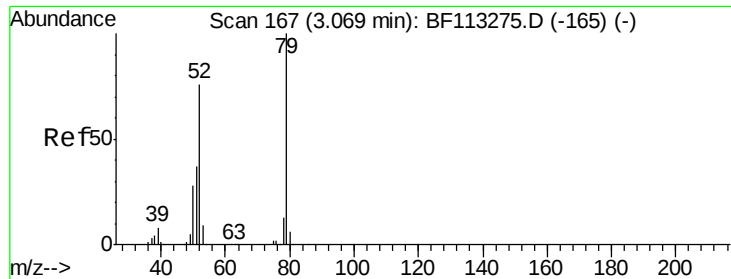


#2

1,4-Dioxane
Concen: 33.352 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.02 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	61.9	92.9
43	30.5	24.2	36.4





#3

Pyridine

Concen: 34.364 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

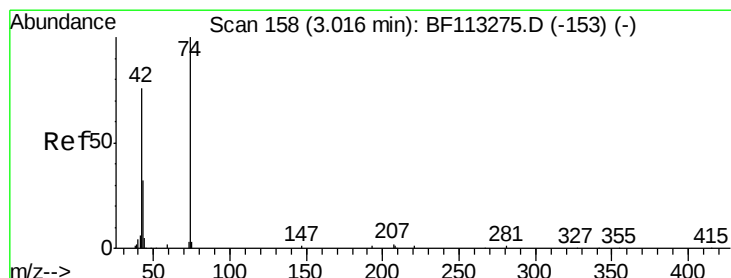
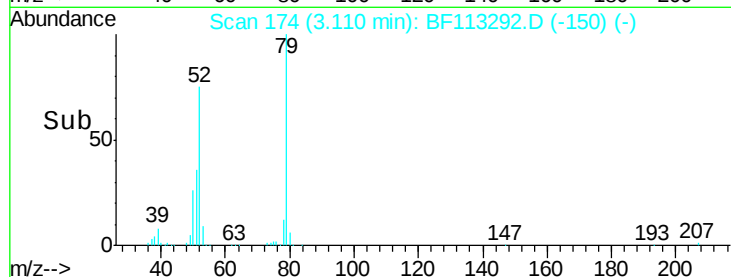
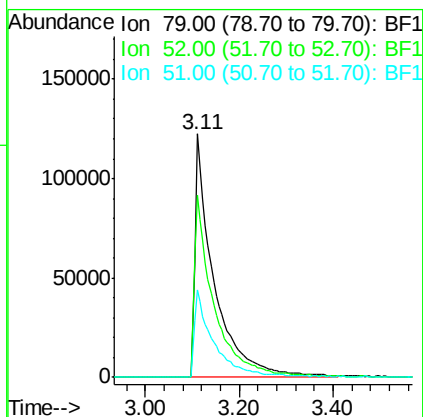
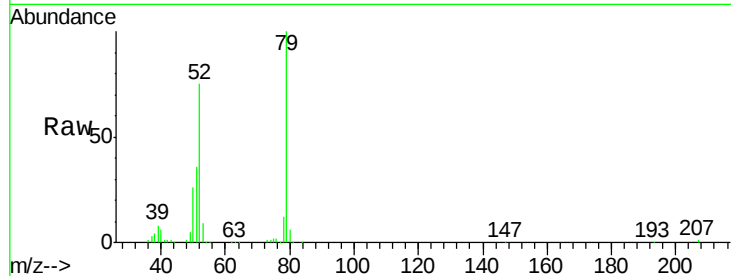
ClientSampleId :

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

Tgt Ion:	79	Resp:	346216
Ion Ratio	Lower	Upper	
79	100		
52	74.6	61.0	91.4
51	36.1	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 37.651 ng

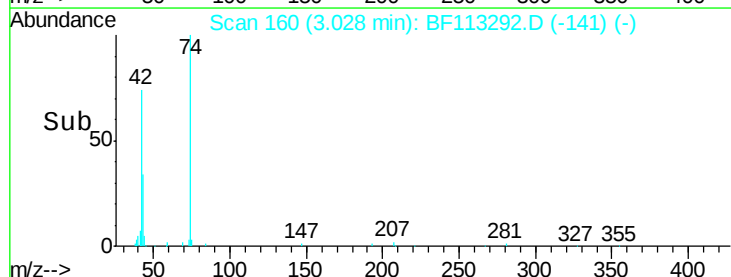
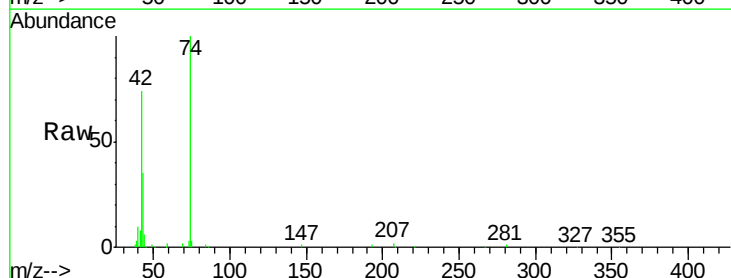
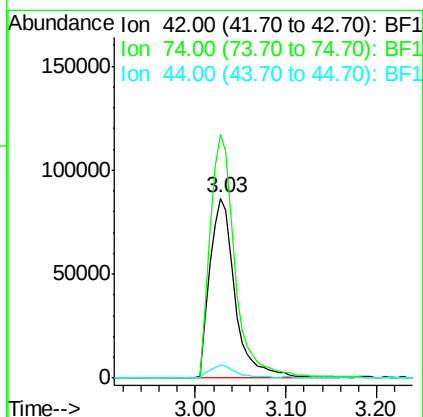
RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	42	Resp:	168635
Ion Ratio	Lower	Upper	
42	100		
74	135.1	102.4	153.6
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 122.981 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

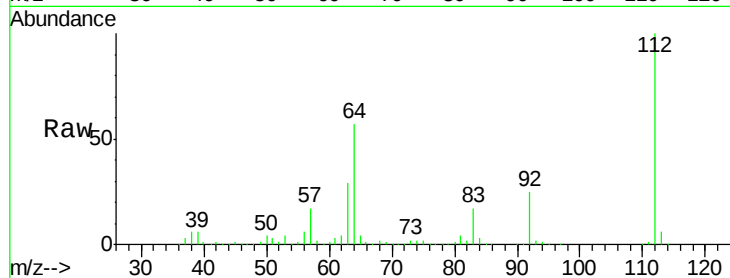
ClientSampleId :

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

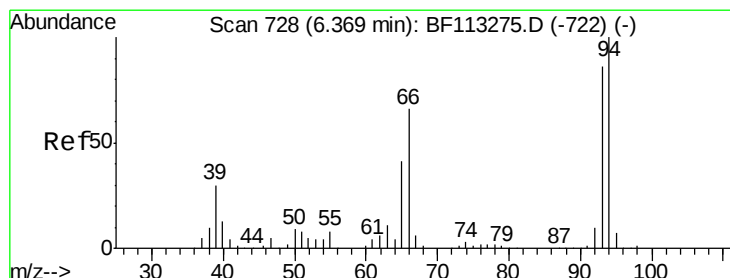
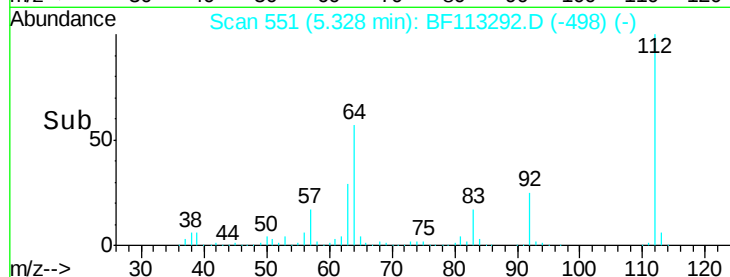
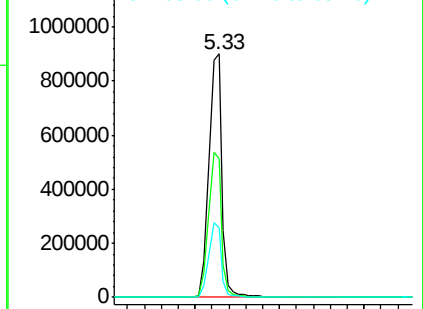
Tgt Ion:	112	Resp:	990602
Ion Ratio	Lower	Upper	
112	100		
64	56.9	49.2	73.8
63	28.7	24.9	37.3

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF113292.D (-498) (-)



#6

Aniline

Concen: 25.141 ng

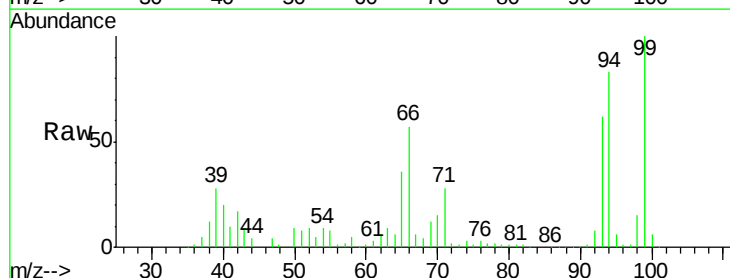
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

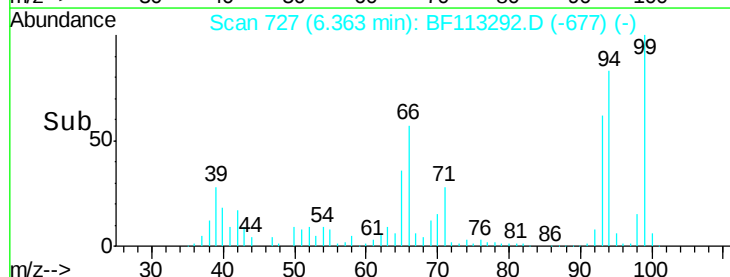
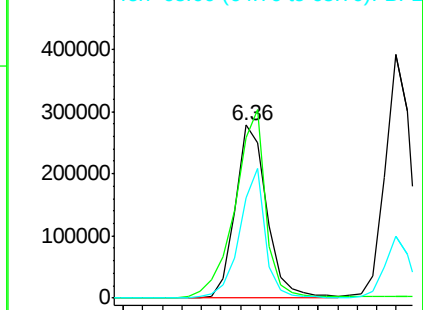
Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	93	Resp:	311974
Ion Ratio	Lower	Upper	
93	100		
66	92.8	62.1	93.1
65	57.8	38.7	58.1



Abundance Ion 93.00 (92.70 to 93.70): BF113292.D (-677) (-)





#7

Phenol-d6

Concen: 121.301 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 99 Resp: 1236052

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

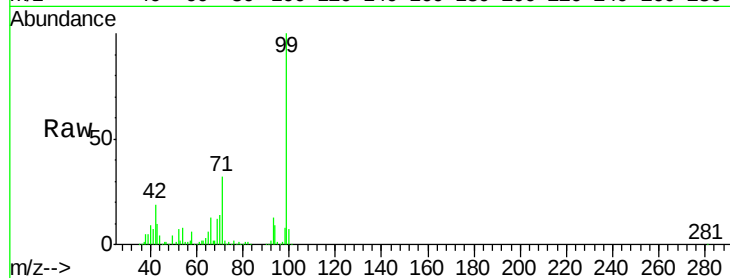
71 31.9 24.9 37.3

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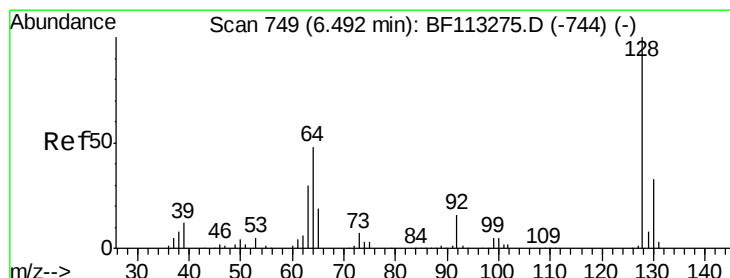
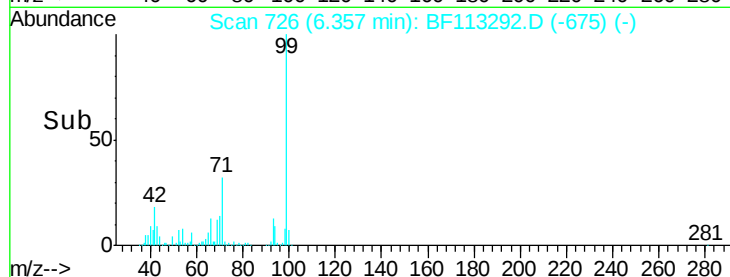
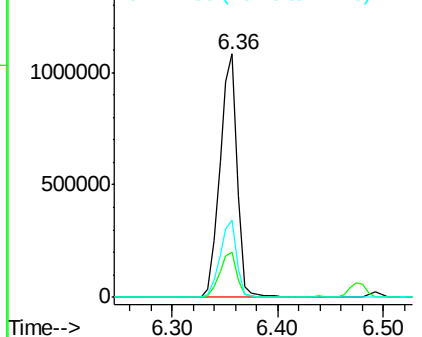
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.873 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

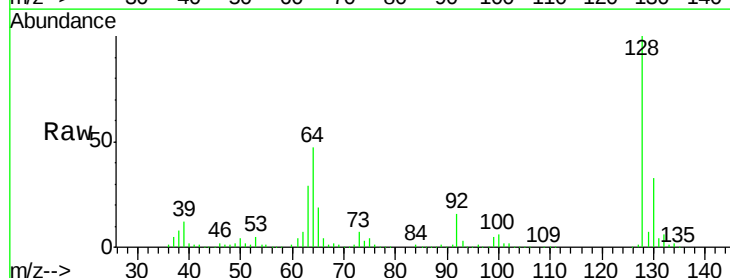
Tgt Ion: 128 Resp: 372969

Ion Ratio Lower Upper

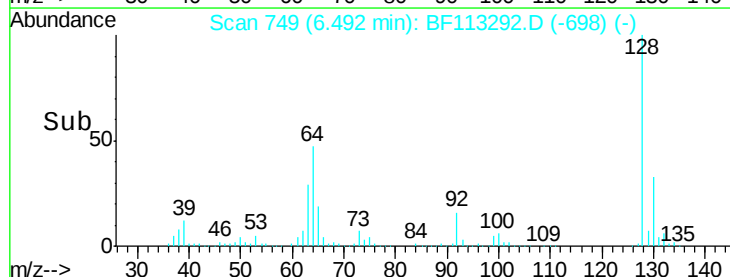
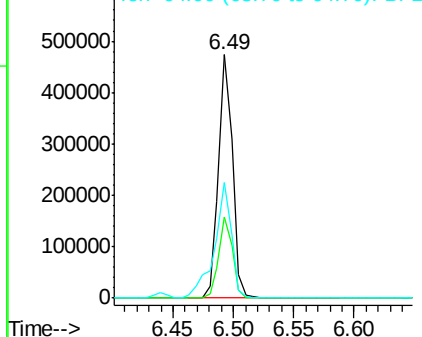
128 100

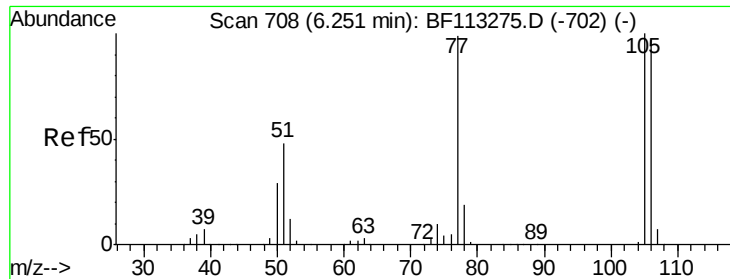
130 33.1 12.6 52.6

64 47.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.592 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

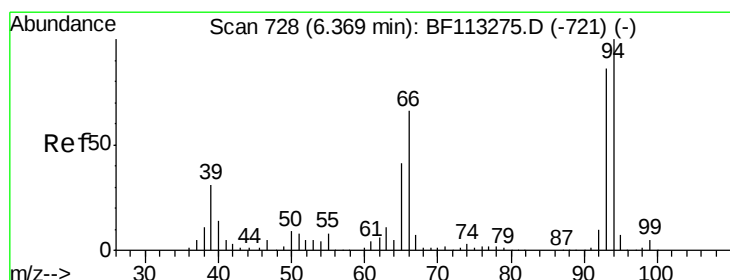
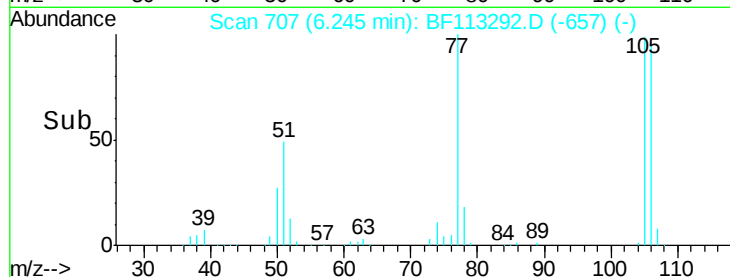
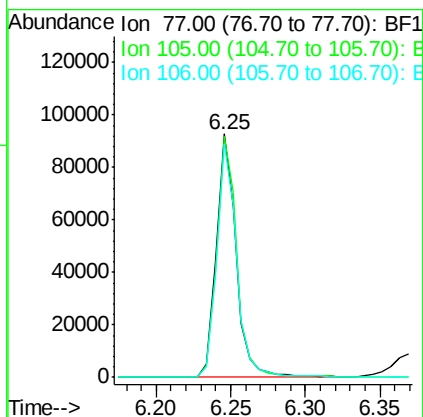
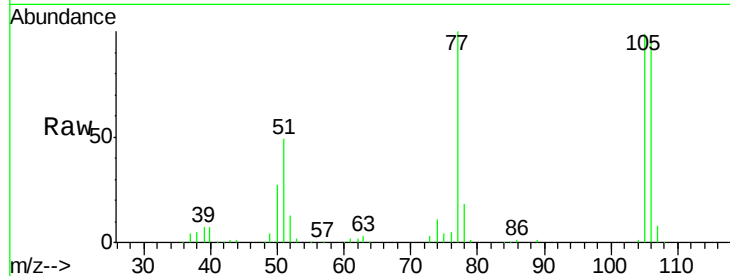
ClientSampleId :

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

Tgt Ion:	77	Resp:	86103
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.9	120.9
106	96.1	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 40.386 ng

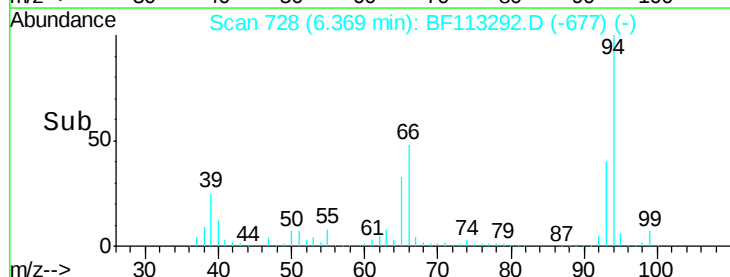
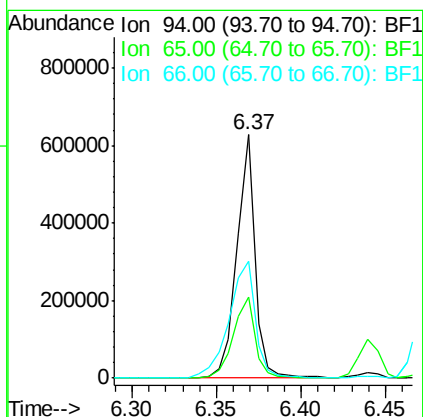
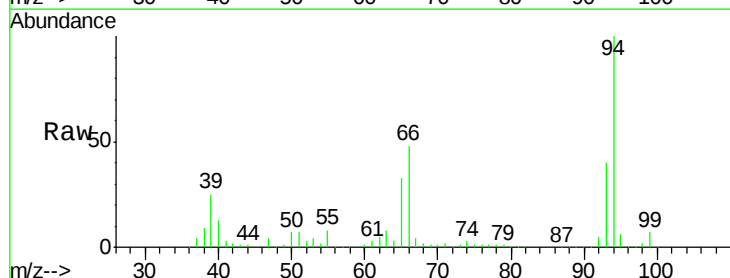
RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	94	Resp:	469819
Ion	Ratio	Lower	Upper
94	100		
65	33.3	21.4	61.4
66	48.2	46.4	86.4





#11

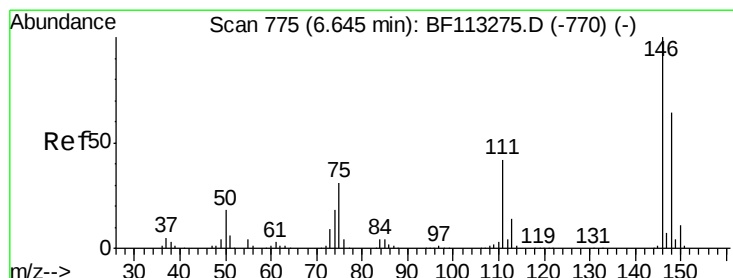
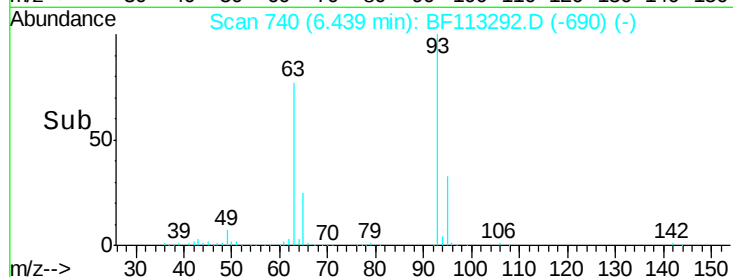
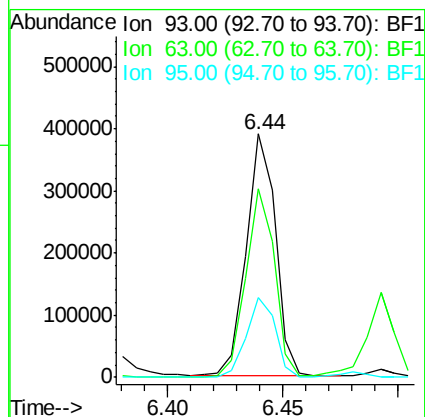
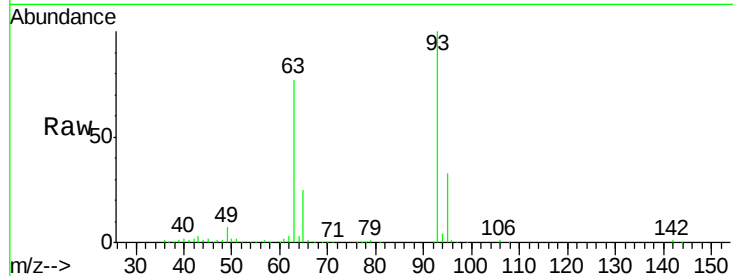
bis(2-Chloroethyl)ether
Concen: 38.781 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion:	93	Resp:	345819
Ion Ratio	Lower	Upper	
93	100		
63	77.3	56.1	96.1
95	32.5	12.8	52.8

Manual Integrations
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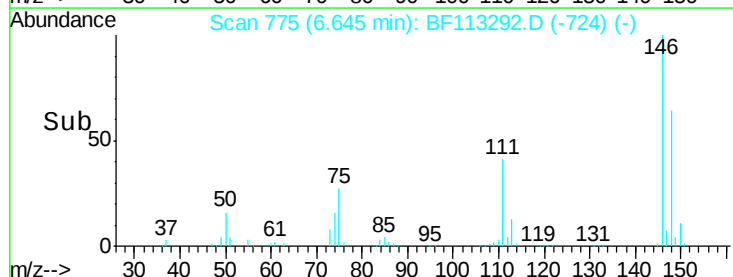
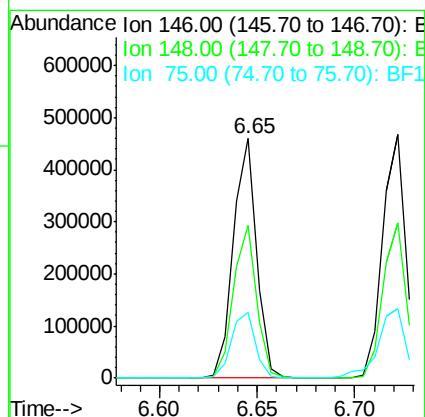
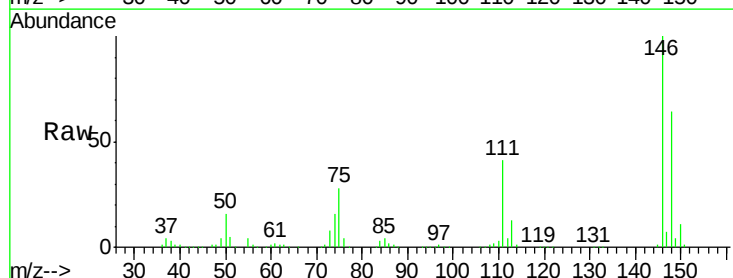
Sohil
3/27/2019 3:17:41 PM

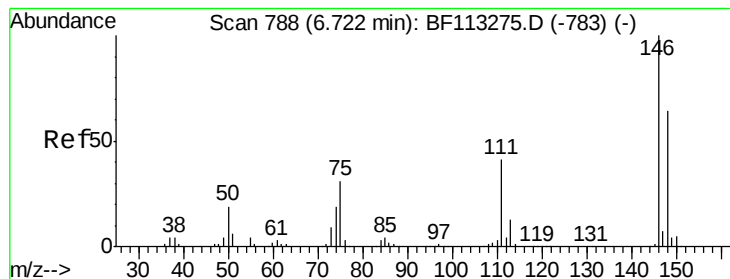


#12

1,3-Dichlorobenzene
Concen: 37.672 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:	146	Resp:	379836
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.0
75	27.6	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 39.971 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

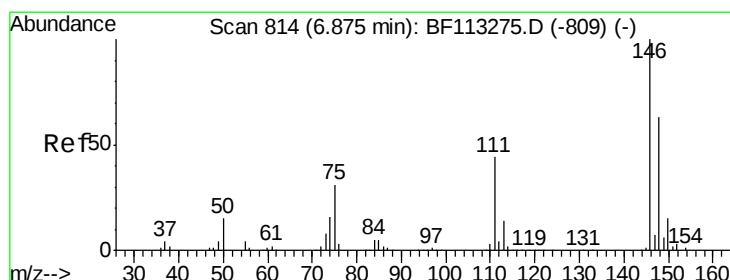
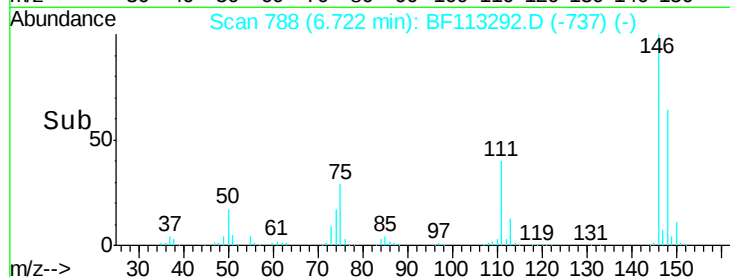
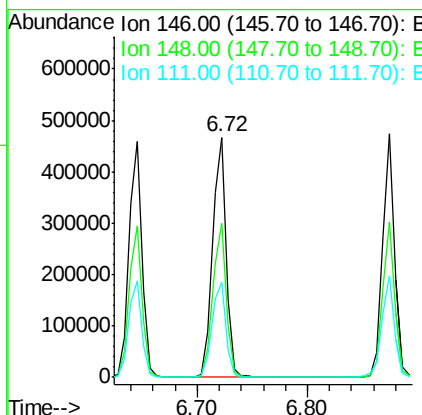
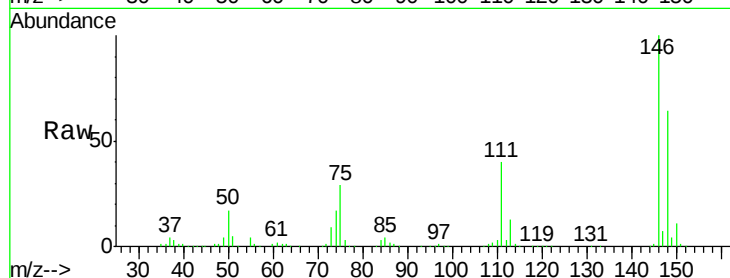
ClientSampleId :

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

Tgt Ion:	146	Resp:	389132
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	39.7	32.8	49.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.781 ng

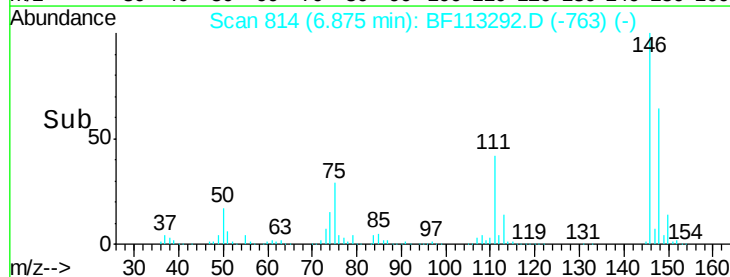
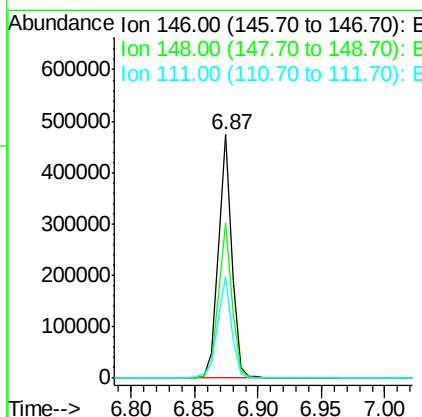
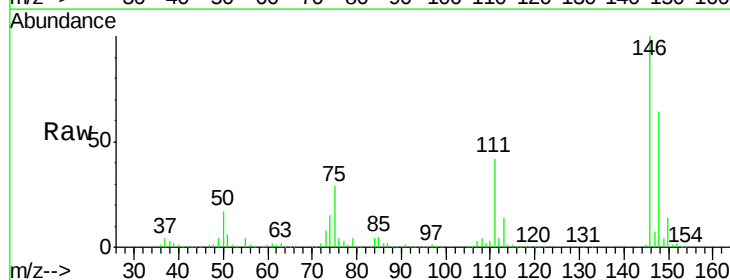
RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	146	Resp:	361851
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.2	75.4
111	41.8	35.4	53.2





#15

Benzyl Alcohol

Concen: 45.320 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

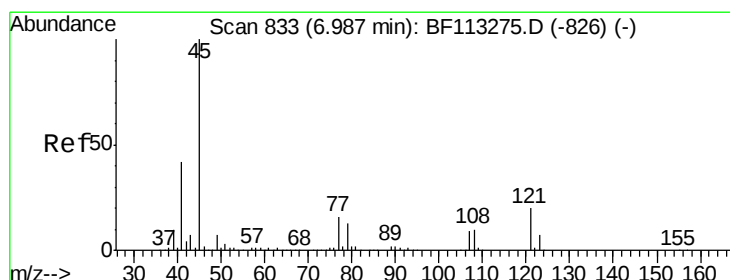
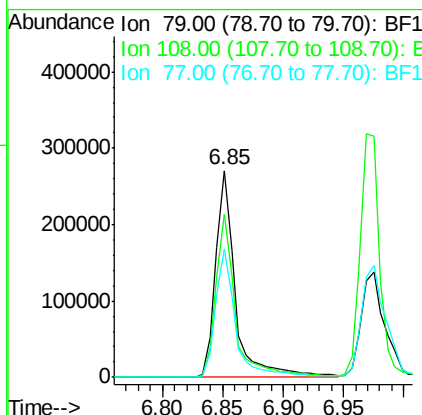
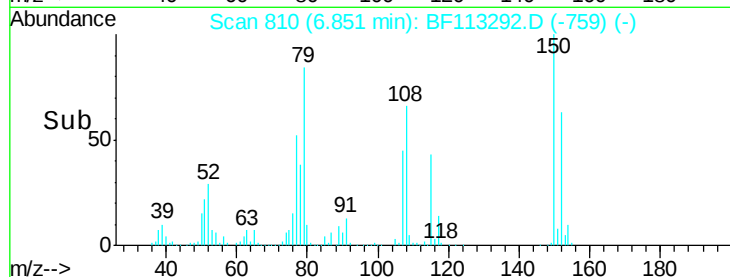
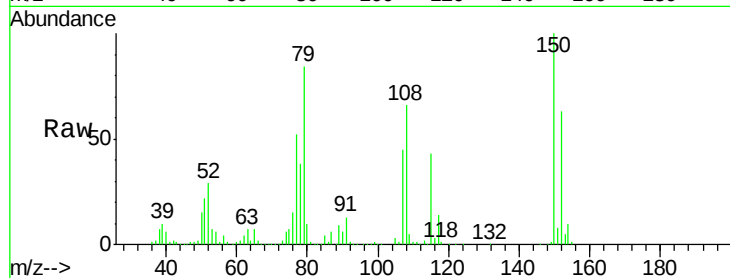
ClientSampleId :

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

Tgt Ion:	79	Resp:	304664
Ion	Ratio	Lower	Upper
79	100		
108	78.9	62.0	93.0
77	62.0	49.9	74.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.228 ng

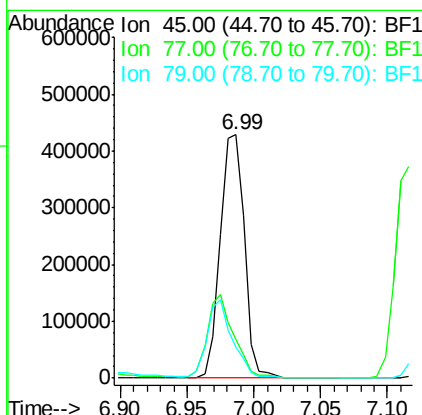
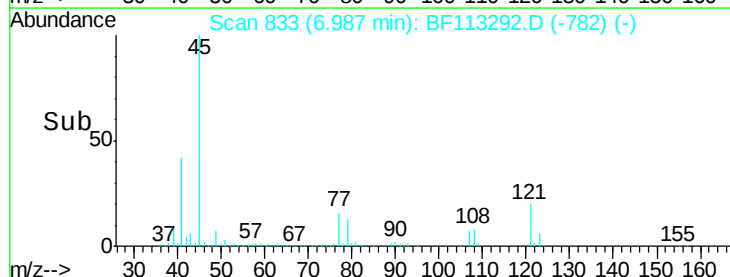
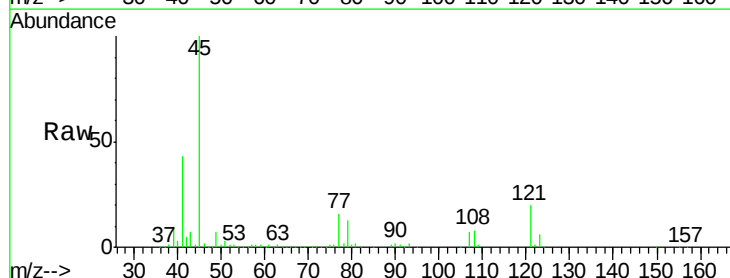
RT: 6.99 min Scan# 833

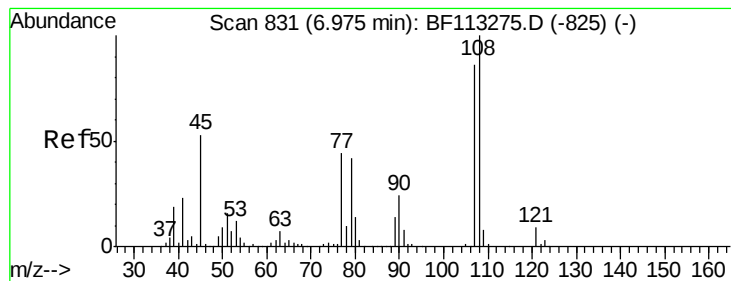
Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	45	Resp:	552294
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	36.6
79	12.8	0.0	34.0





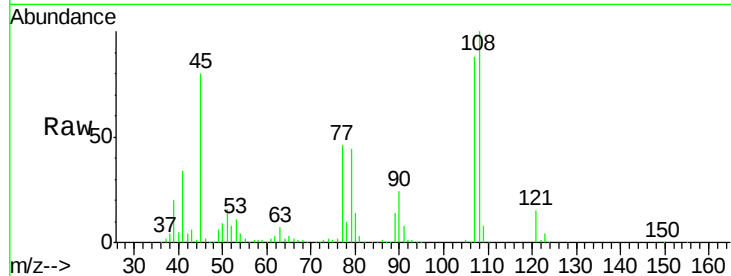
#17
2-Methylphenol
Concen: 41.994 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	307839		
108	113.9	93.4	140.0	
77	52.9	41.2	61.8	
79	50.0	40.1	60.1	

Manual Integrations
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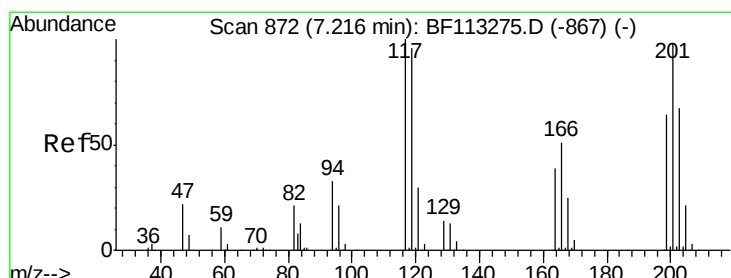
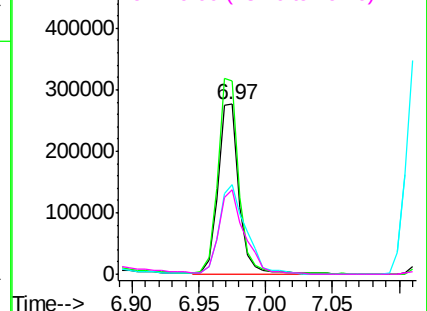
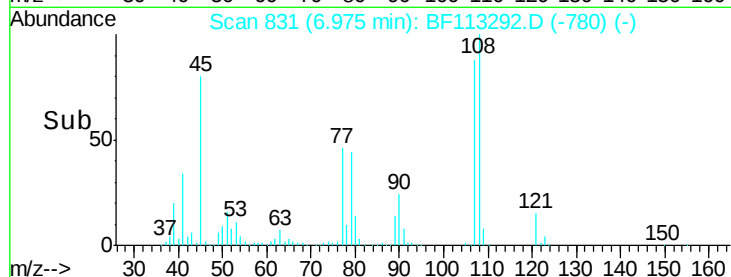
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

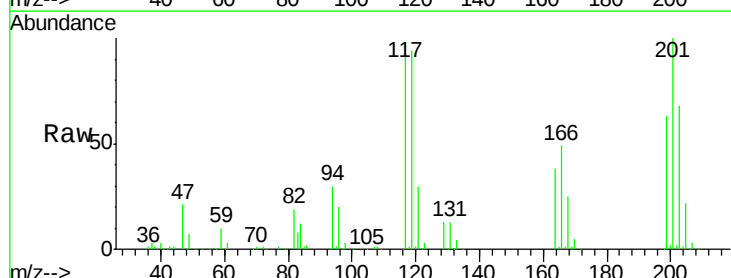
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.242 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	137217		
119	96.0	76.9	115.3	
201	102.4	78.7	118.1	

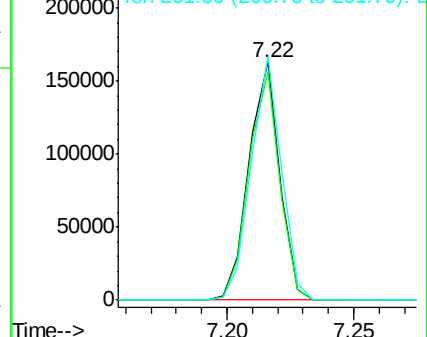
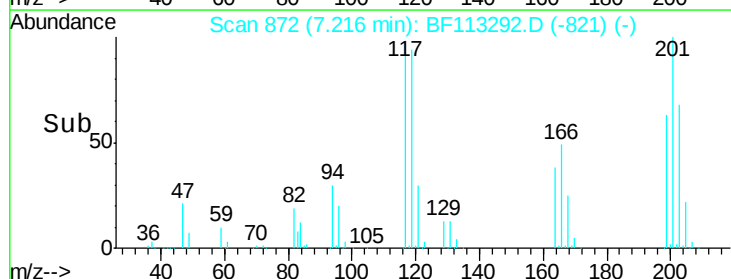


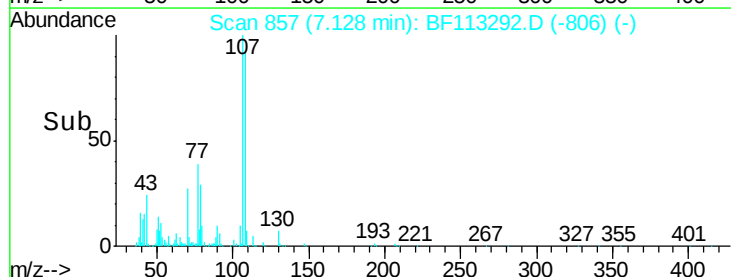
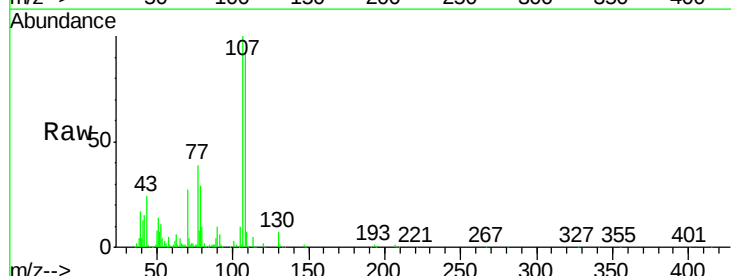
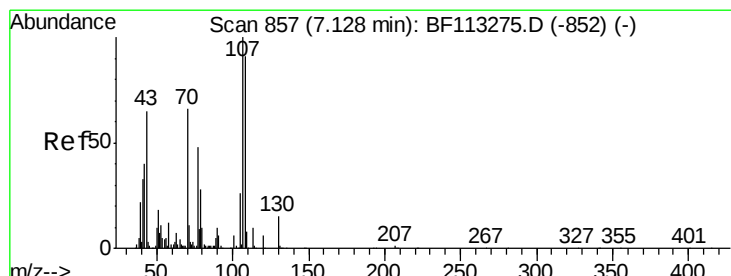
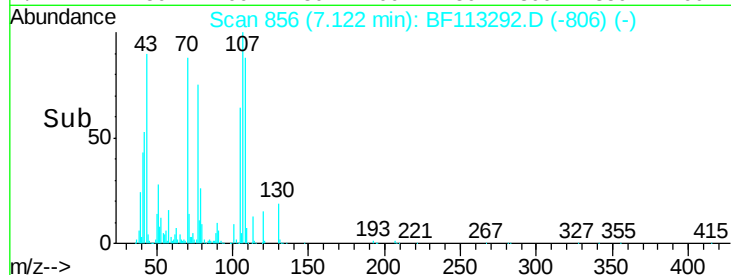
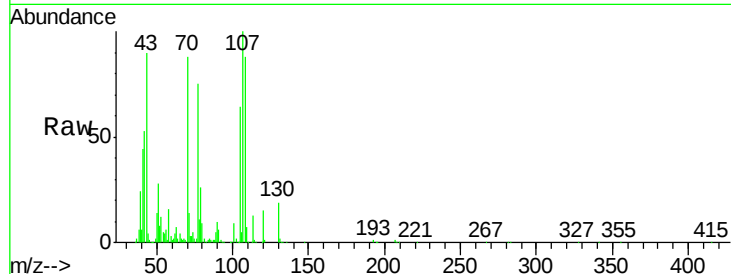
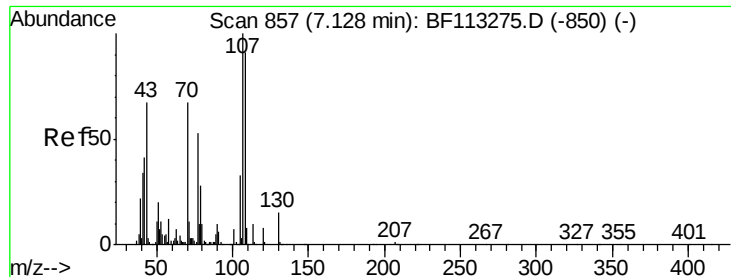
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

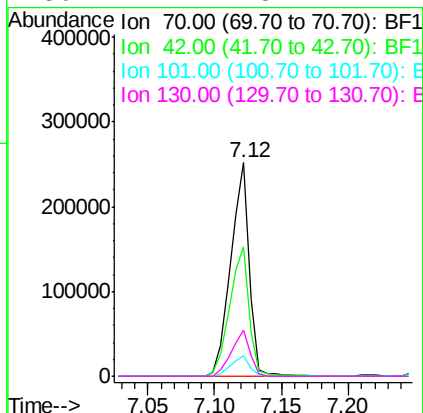
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.745 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.4	72.6
101	9.7	7.8	11.8
130	21.7	18.2	27.4



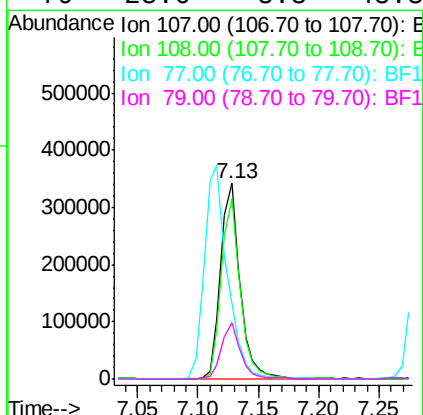
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

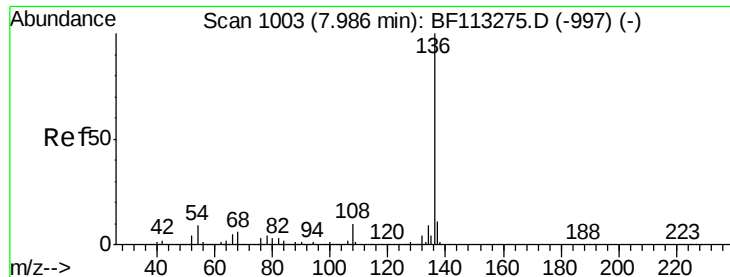
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.204 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.4	111.4
77	38.7	33.5	73.5
79	28.6	8.3	48.3





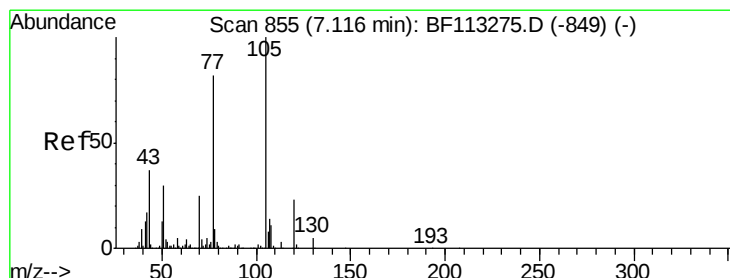
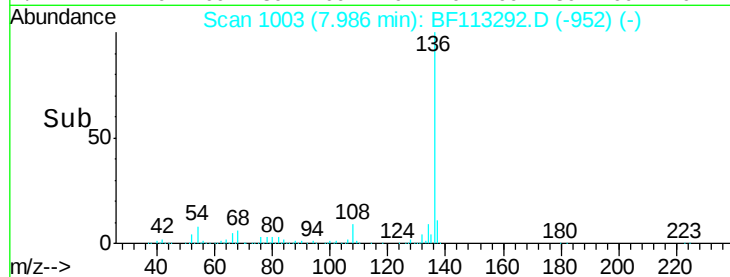
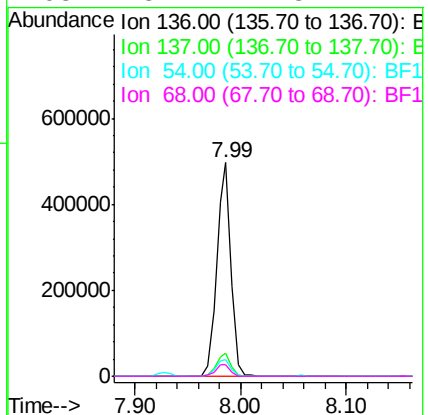
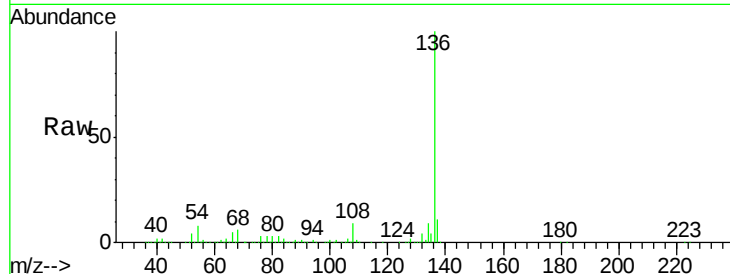
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	468818		
137	11.0	8.9	13.3	
54	8.1	7.0	10.6	
68	5.7	4.8	7.2	

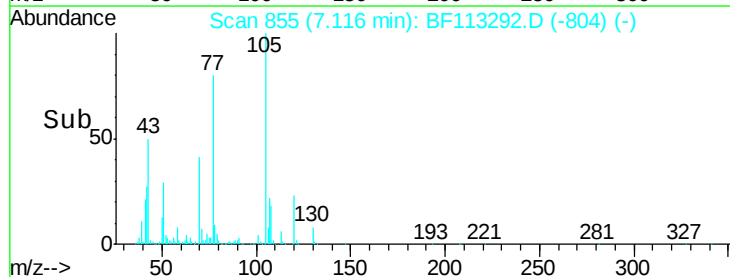
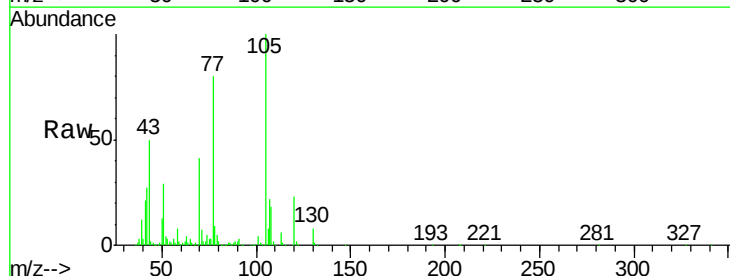
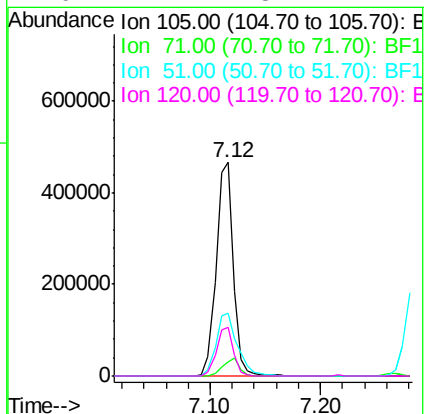
Manual Integrations
APPROVED

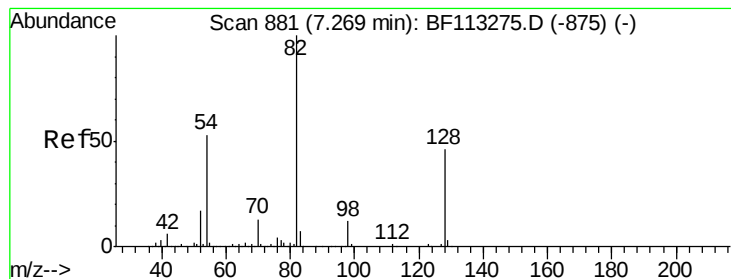
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#22
Acetophenone
Concen: 46.526 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	497441		
71	6.9	3.3	4.9#	
51	29.2	24.2	36.2	
120	22.7	18.1	27.1	





#23

Nitrobenzene-d5

Concen: 97.483 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

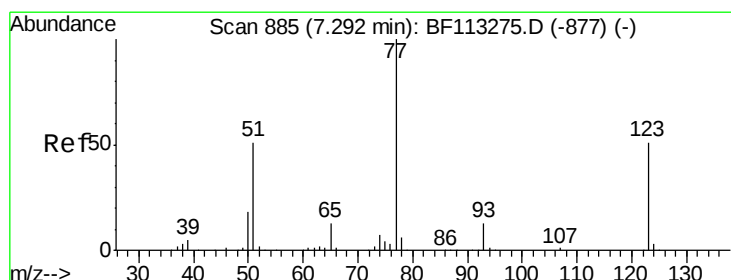
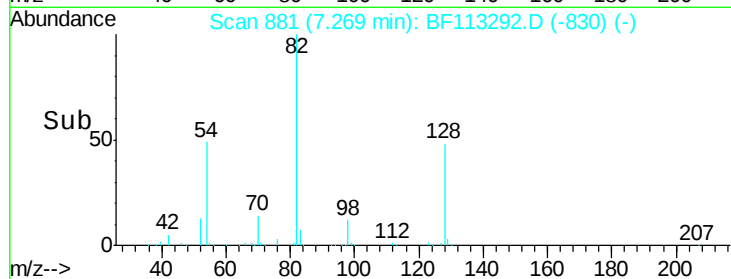
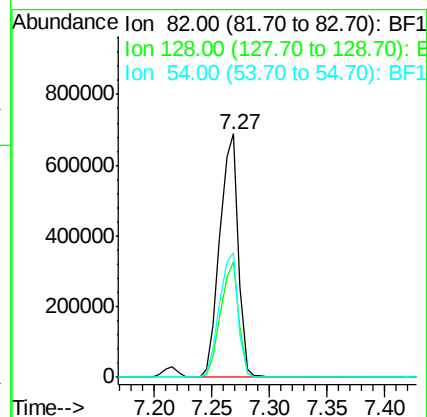
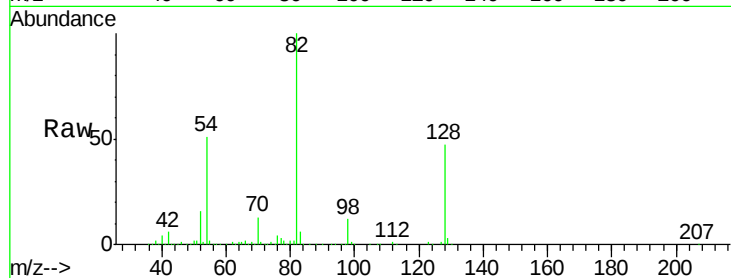
ClientSampleId :

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

Tgt Ion:	82	Resp:	769983
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.5	54.7
54	51.1	42.2	63.2

Manual Integrations
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#24

Nitrobenzene

Concen: 47.301 ng

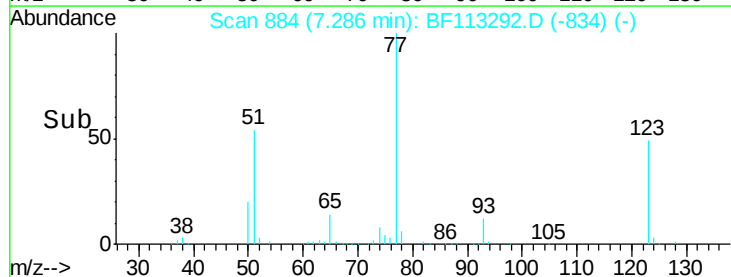
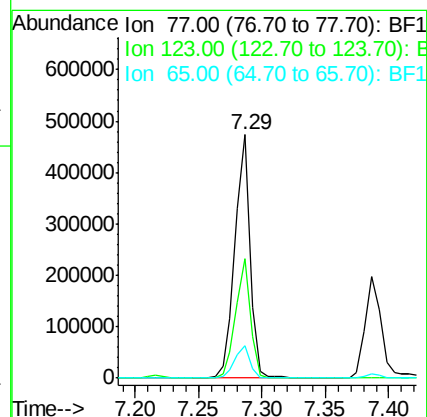
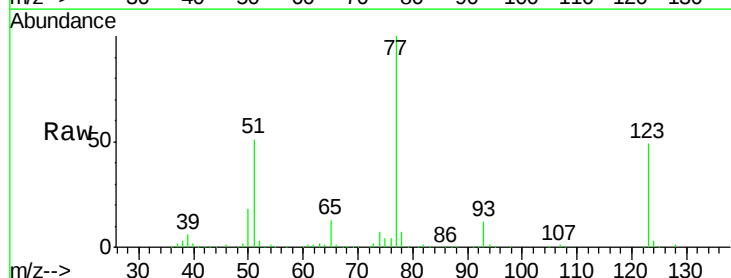
RT: 7.29 min Scan# 884

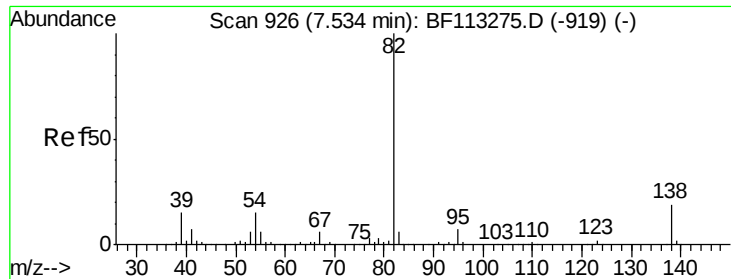
Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	77	Resp:	389872
Ion Ratio	Lower	Upper	
77	100		
123	49.3	40.8	61.2
65	13.2	10.6	16.0





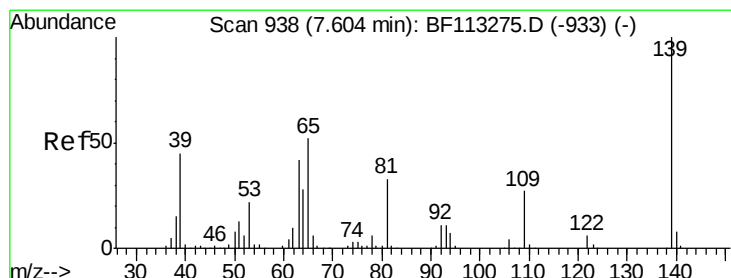
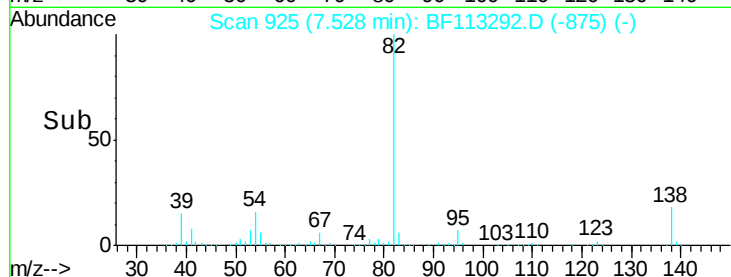
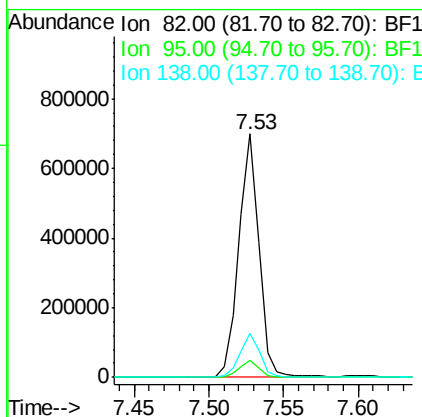
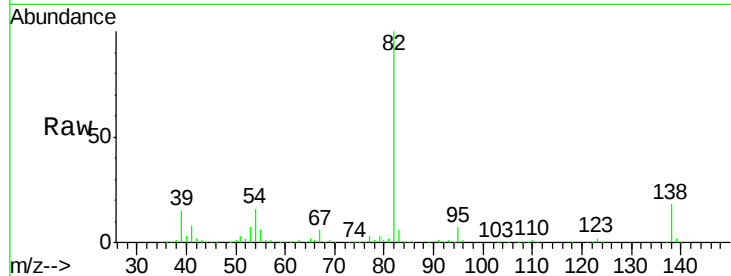
#25
Isophorone
Concen: 43.423 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	664682		
95	6.9	5.5	8.3	
138	17.9	15.2	22.8	

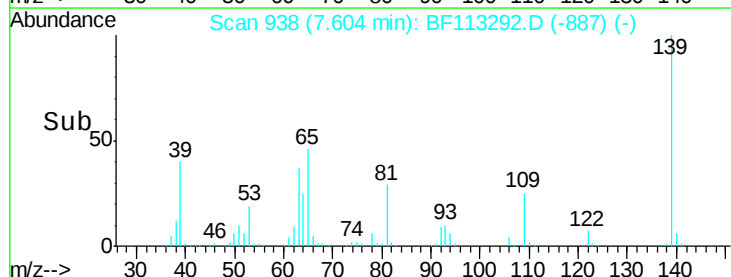
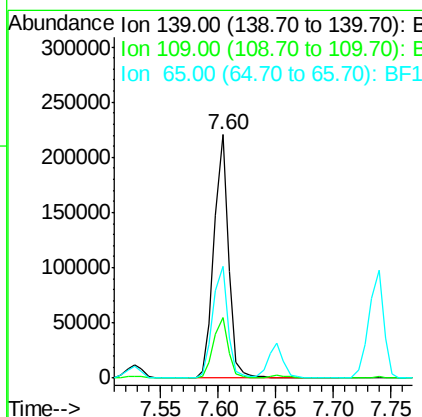
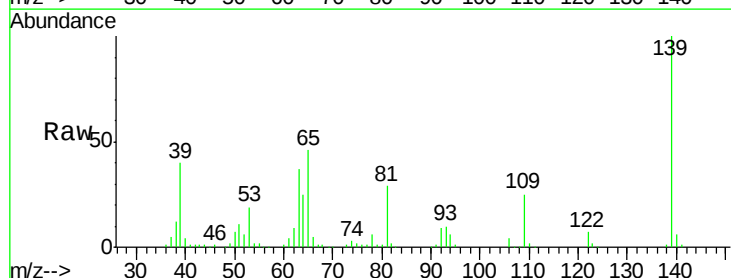
Manual Integrations
APPROVED

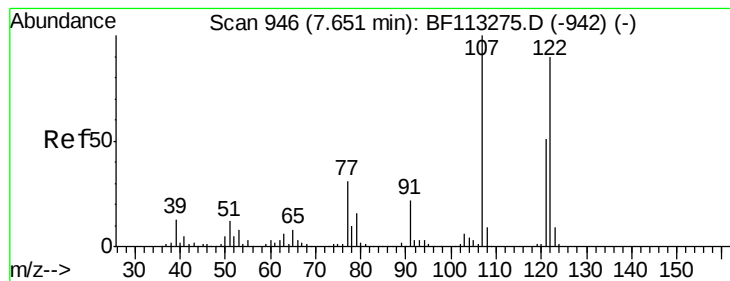
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#26
2-Nitrophenol
Concen: 44.600 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194309		
109	24.9	21.7	32.5	
65	45.8	41.6	62.4	





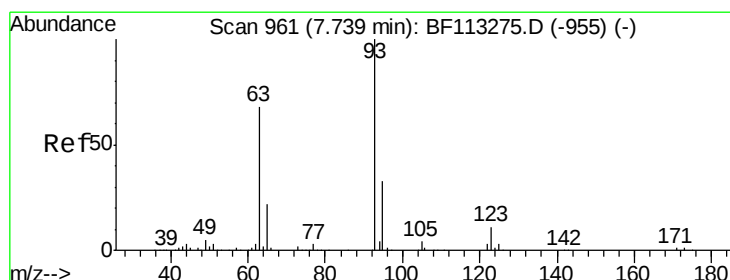
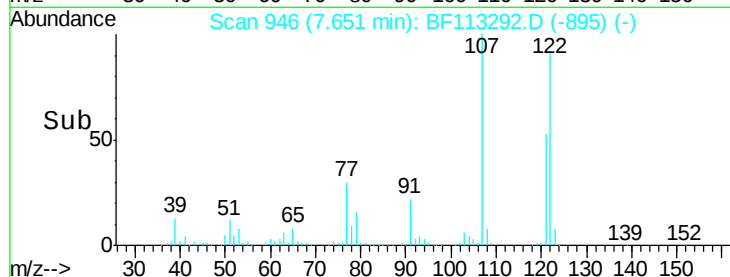
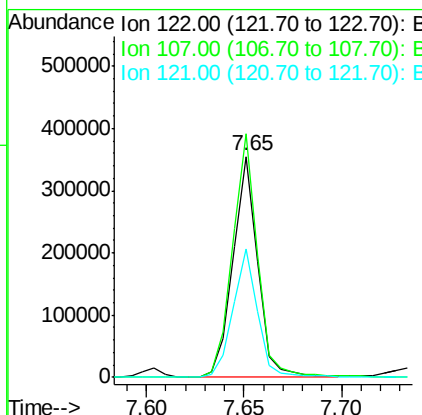
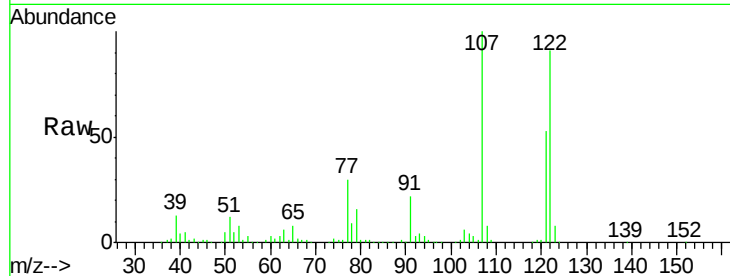
#27
 2,4-Dimethylphenol
 Concen: 50.105 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	314015		
107	110.1	88.8	133.2	
121	58.3	45.5	68.3	

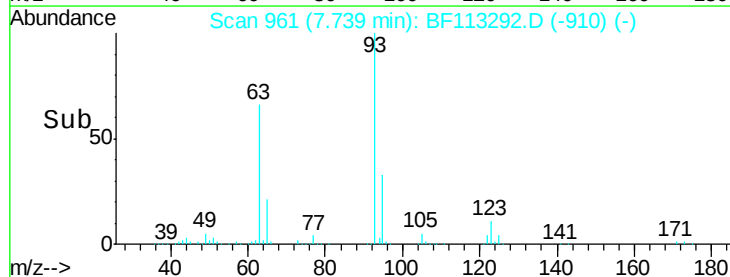
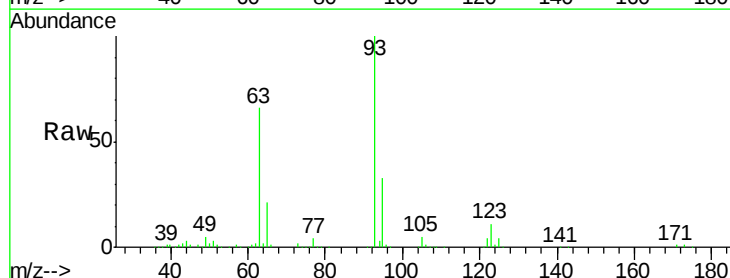
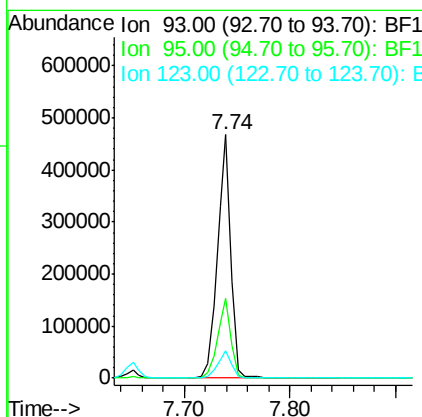
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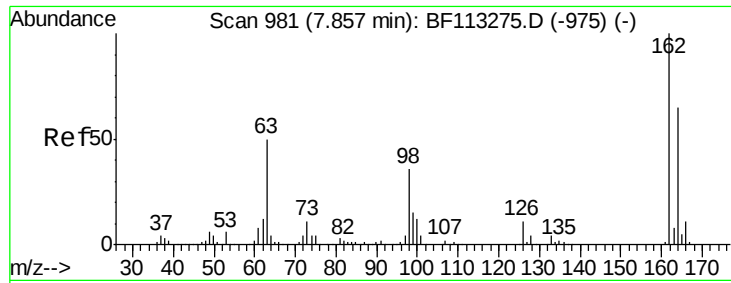
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.537 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	419679		
95	32.6	26.0	39.0	
123	11.2	9.1	13.7	





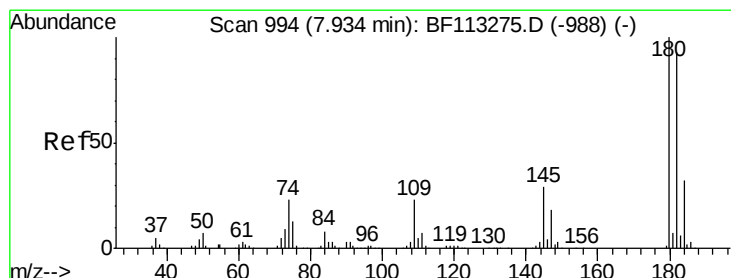
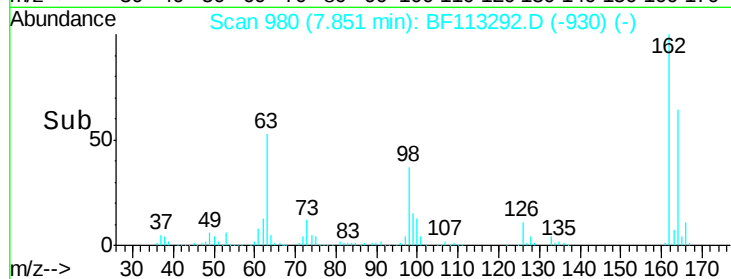
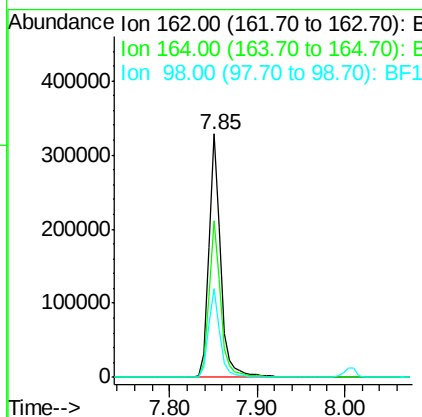
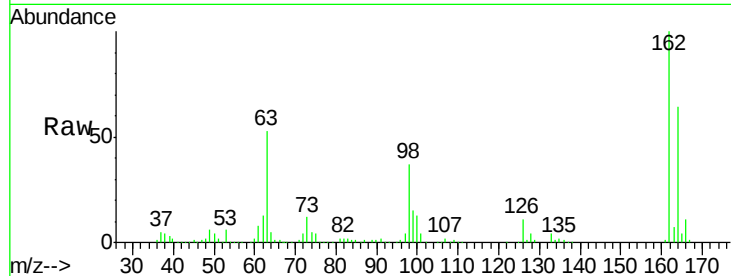
#29
2,4-Dichlorophenol
Concen: 45.168 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion:	162	Resp:	306761
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	36.7	15.6	55.6

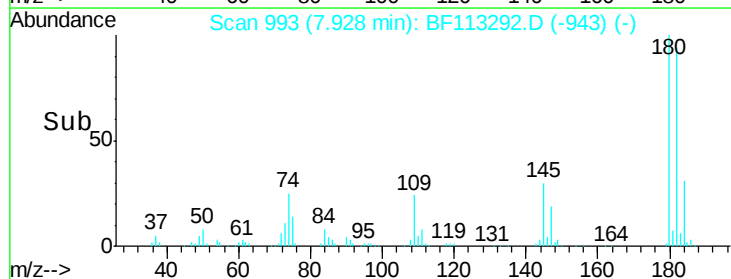
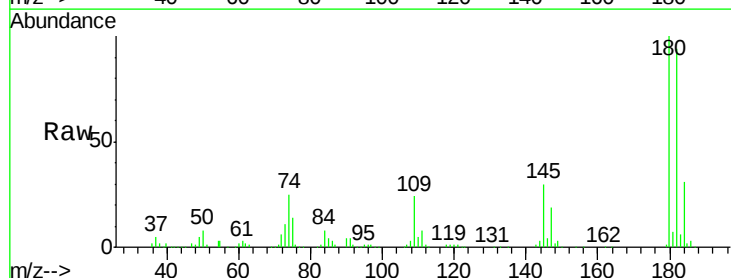
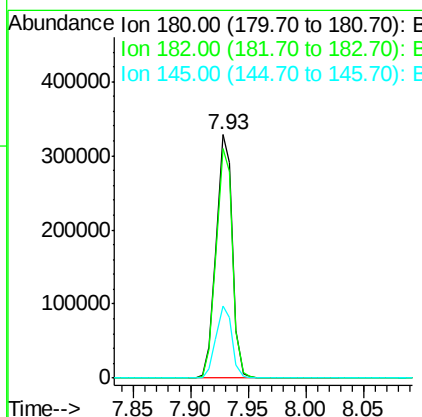
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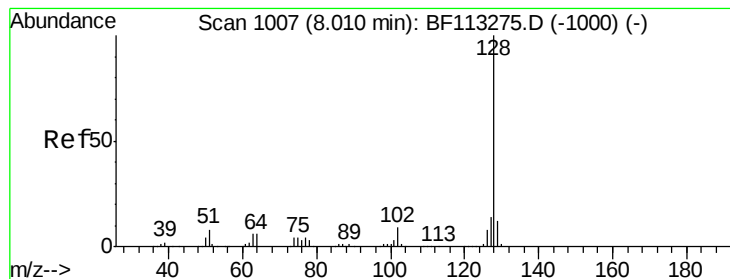
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#30
1,2,4-Trichlorobenzene
Concen: 43.828 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:	180	Resp:	321141
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.6	111.8
145	29.7	23.4	35.0





#31

Naphthalene

Concen: 44.489 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:128 Resp: 1019235

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

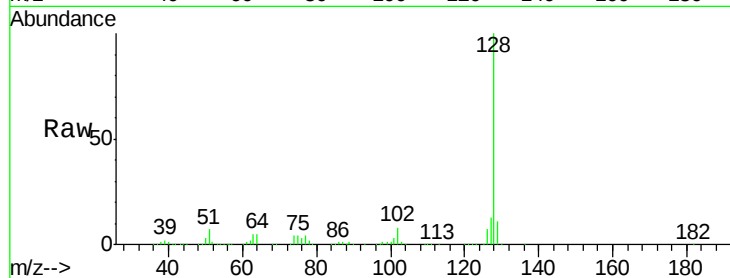
127 12.9 10.9 16.3

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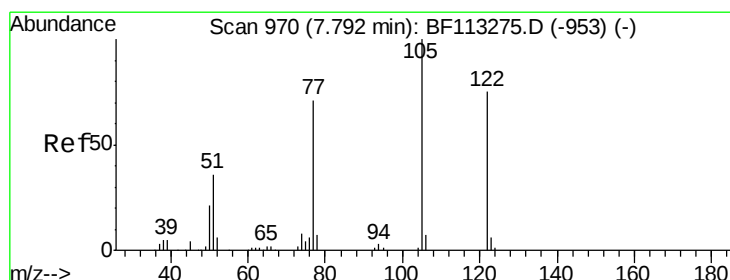
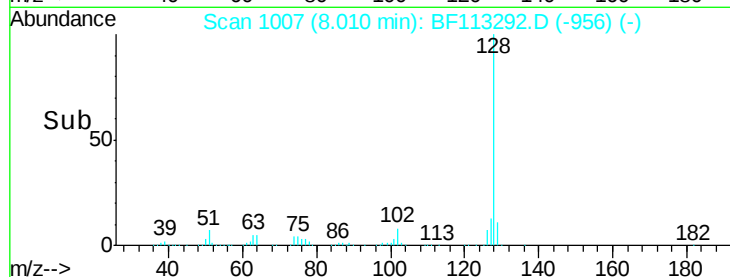
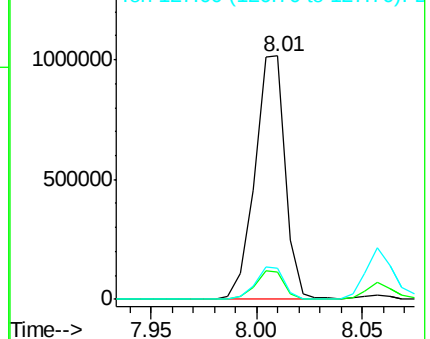
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.728 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

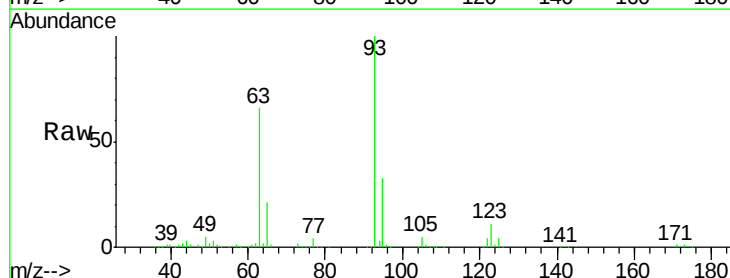
Tgt Ion:122 Resp: 33942

Ion Ratio Lower Upper

122 100

105 124.4 100.4 140.4

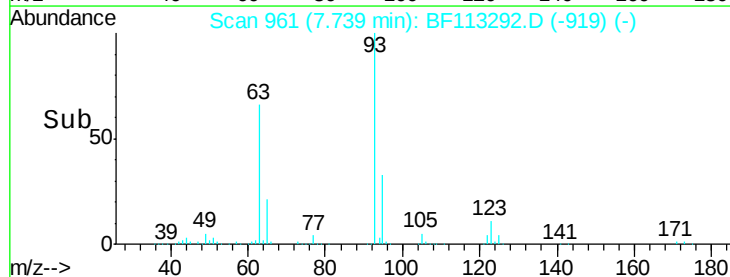
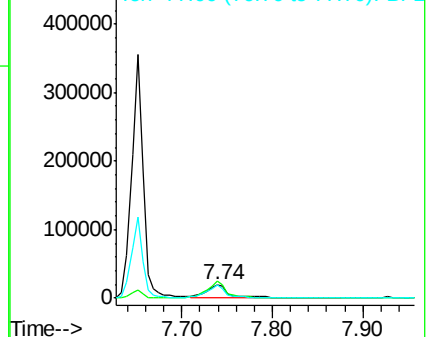
77 99.3 69.0 109.0

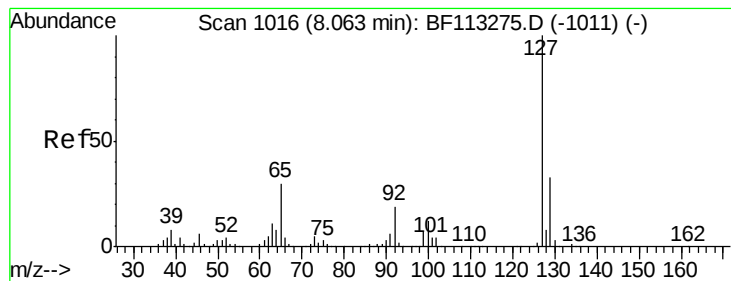


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.037 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

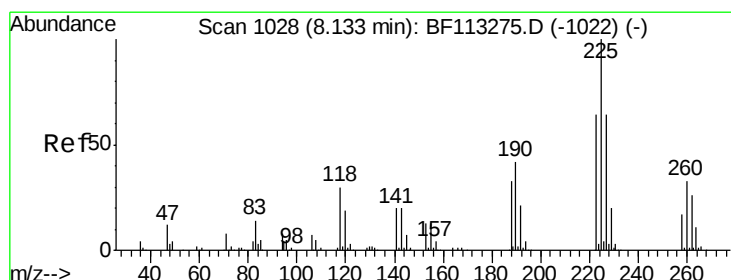
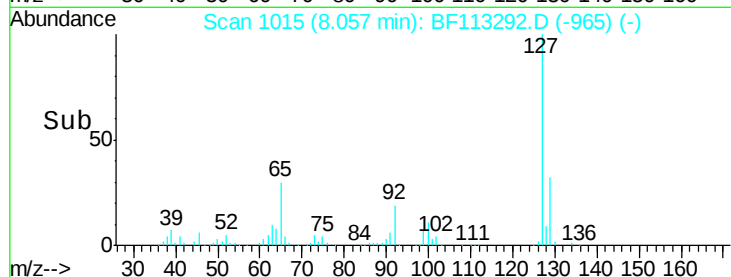
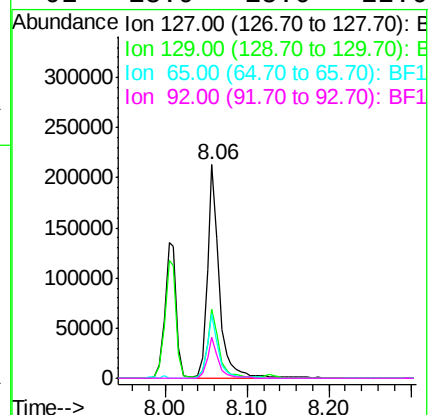
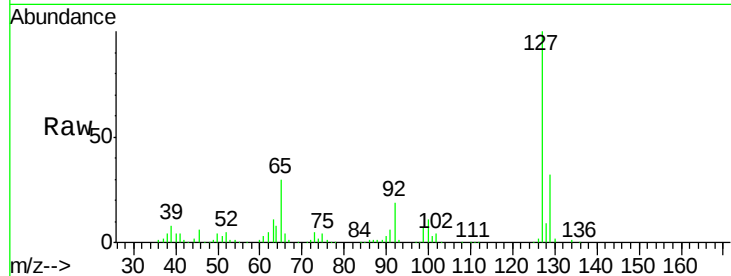
ClientSampleId :

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

Tgt Ion:	127	Resp:	214737
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	30.2	24.2	36.4
92	18.9	15.0	22.6

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#34

Hexachlorobutadiene

Concen: 42.701 ng

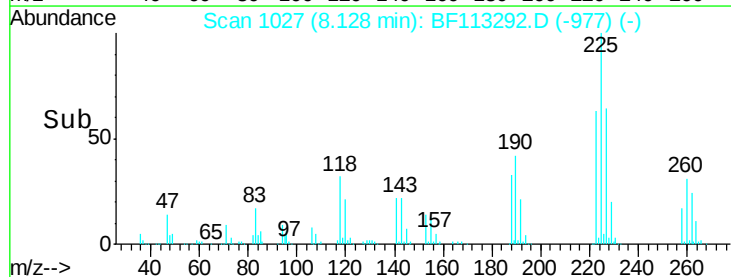
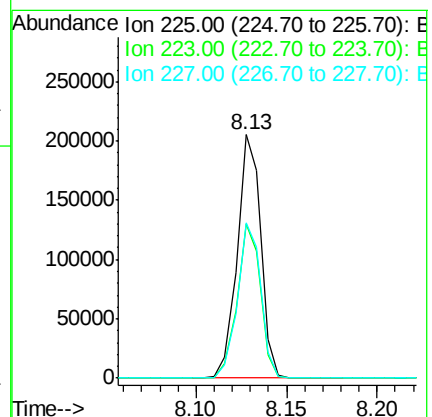
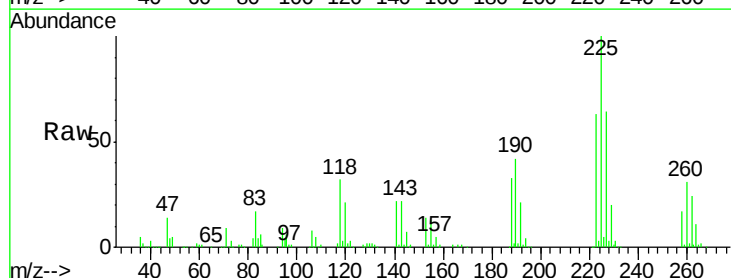
RT: 8.13 min Scan# 1027

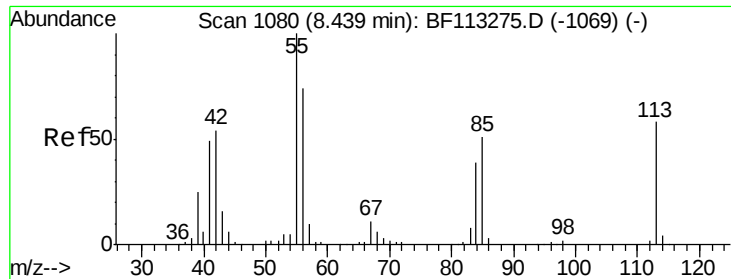
Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	225	Resp:	185962
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.4	77.2
227	63.8	51.1	76.7





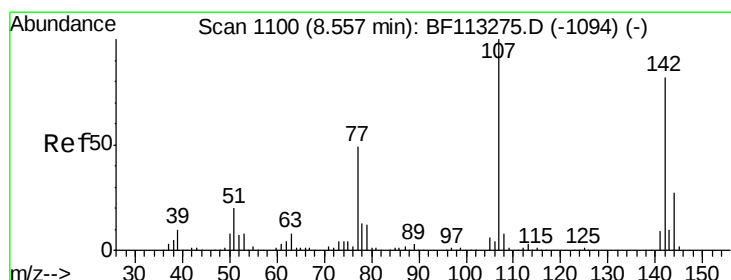
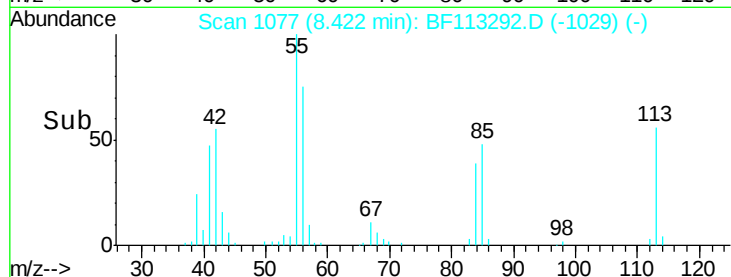
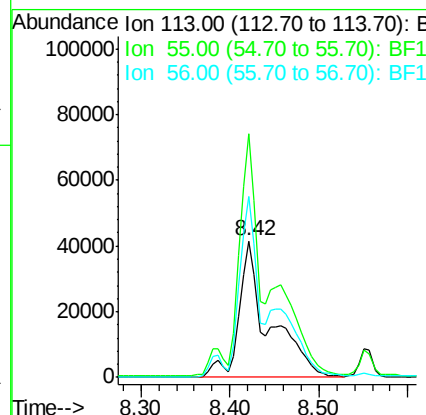
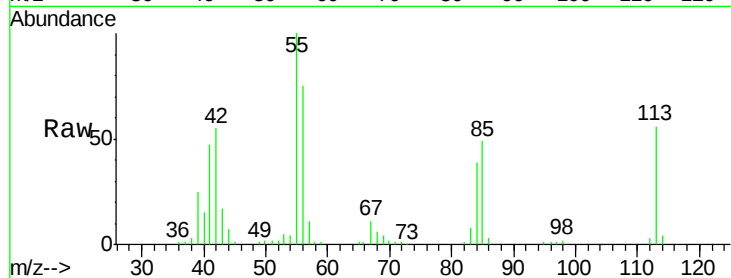
#35
 Caprolactam
 Concen: 44.788 ng m
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion:113 Resp: 97624
 Ion Ratio Lower Upper
 113 100
 55 178.8 152.7 192.7
 56 133.3 108.3 148.3

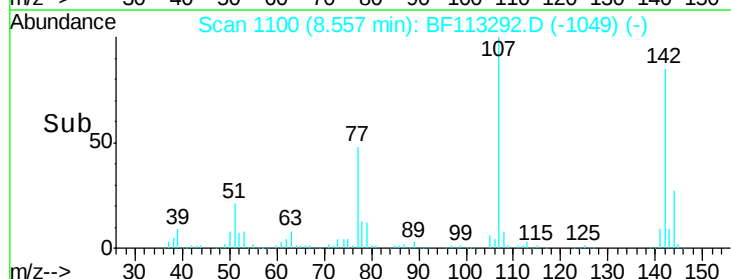
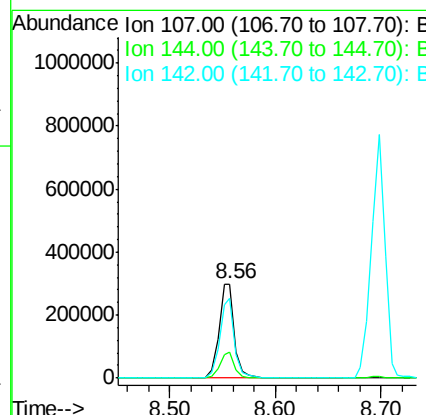
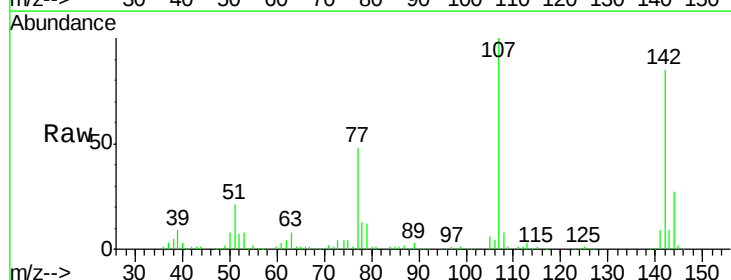
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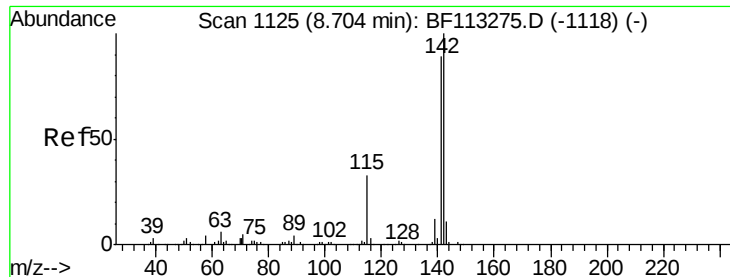
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#36
 4-Chloro-3-methylphenol
 Concen: 45.347 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:107 Resp: 309763
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.4 32.0
 142 85.1 65.6 98.4





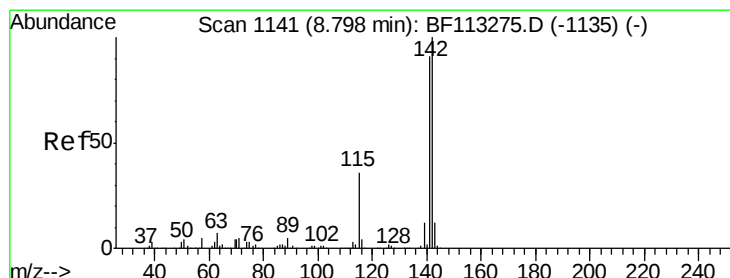
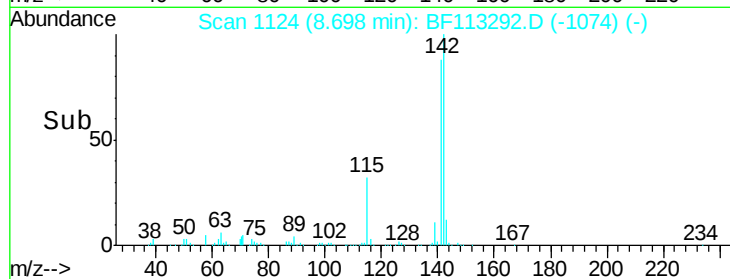
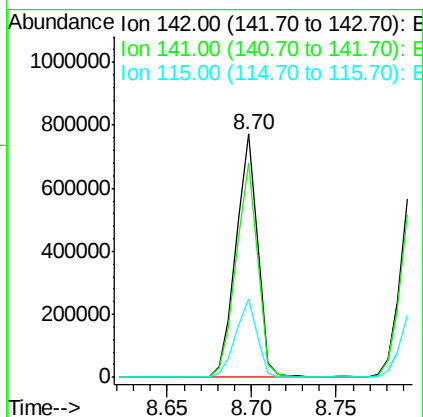
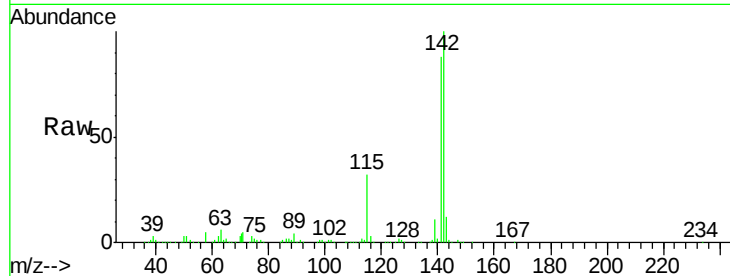
#37
 2-Methylnaphthalene
 Concen: 47.974 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	32.2	26.6	39.8

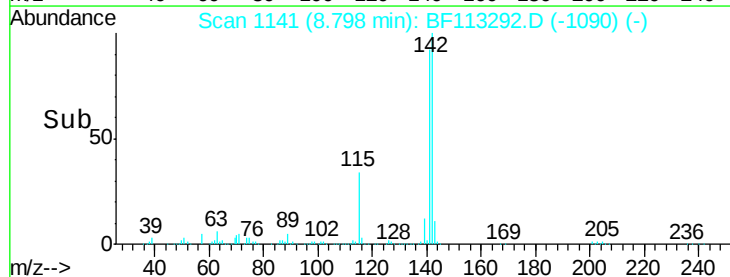
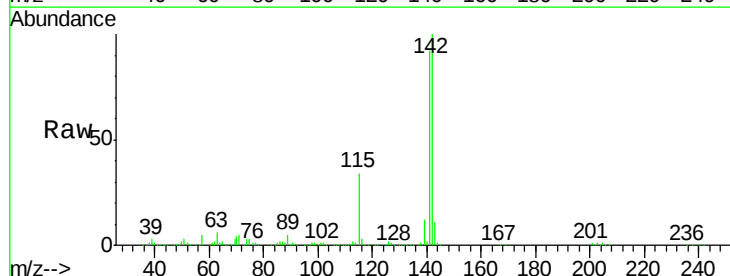
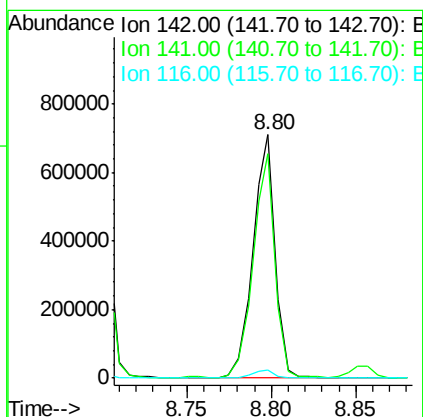
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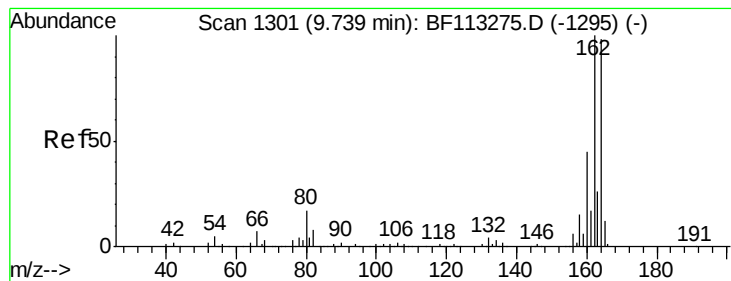
Sohil
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#38
 1-Methylnaphthalene
 Concen: 46.938 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8
116	3.4	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: BF113292.D

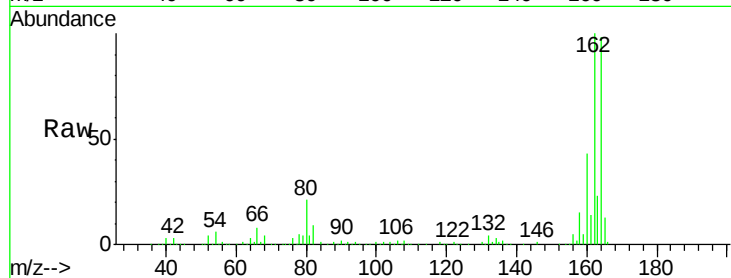
Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

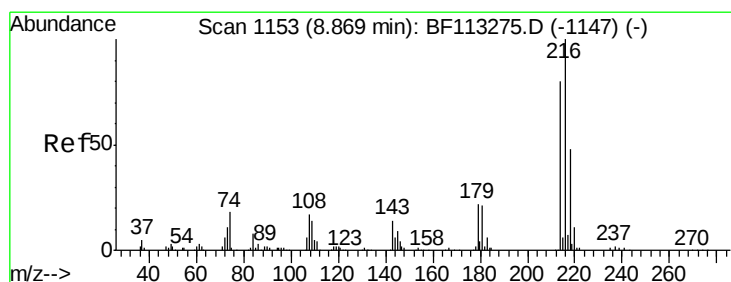
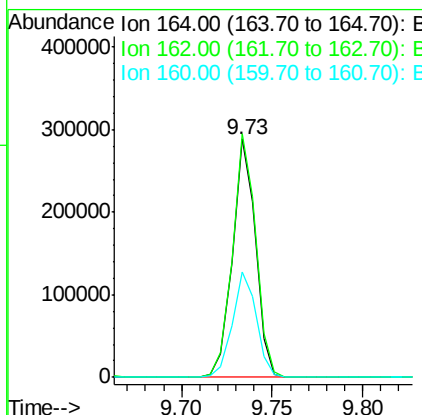
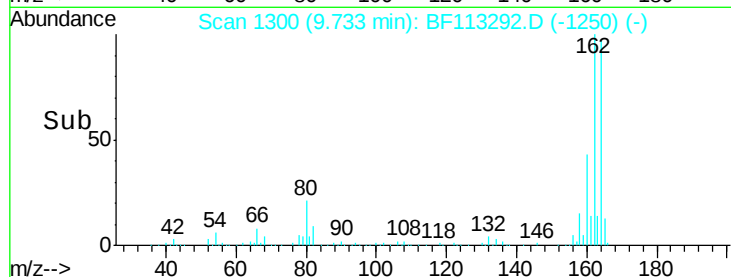
S3A(22-28)-S3B(27)COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.8	122.6	
160	44.3	36.4	54.6	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.473 ng

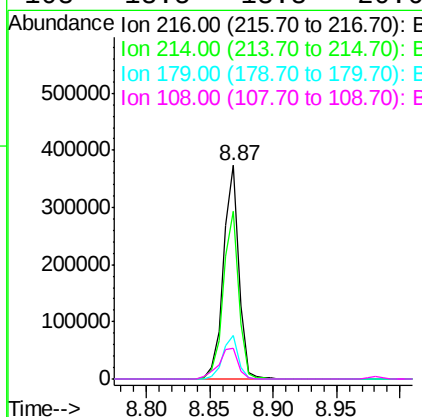
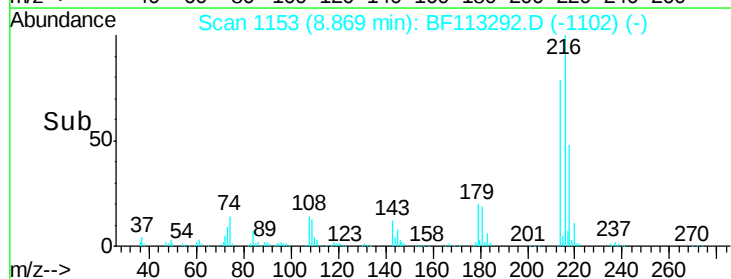
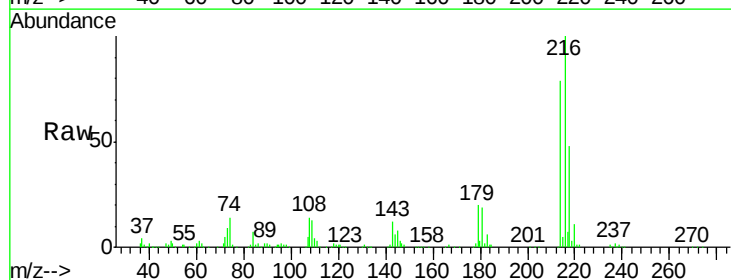
RT: 8.87 min Scan# 1153

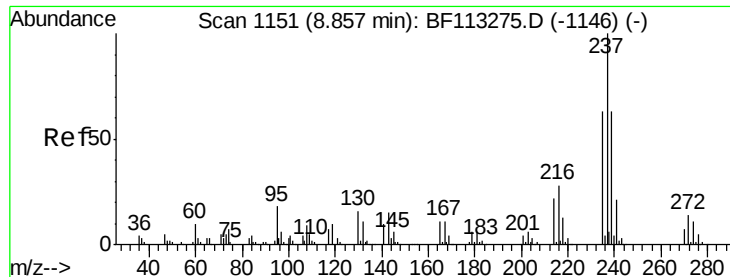
Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.6	
179	20.5	16.8	25.2	
108	18.5	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 83.990 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

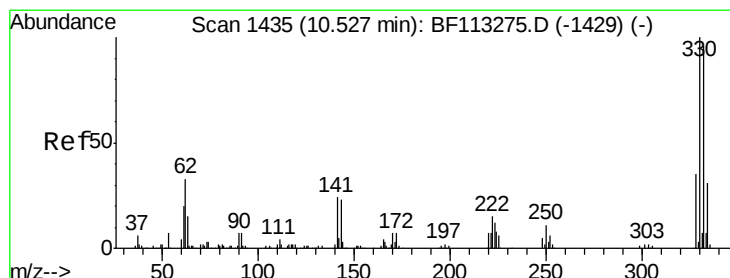
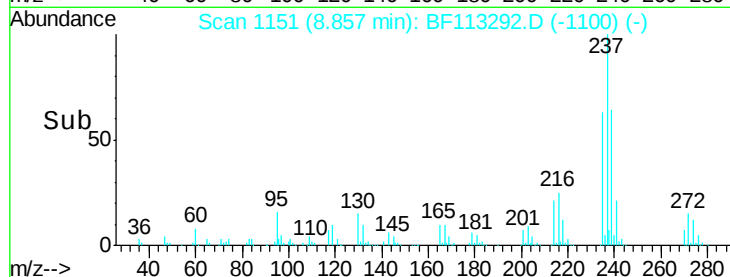
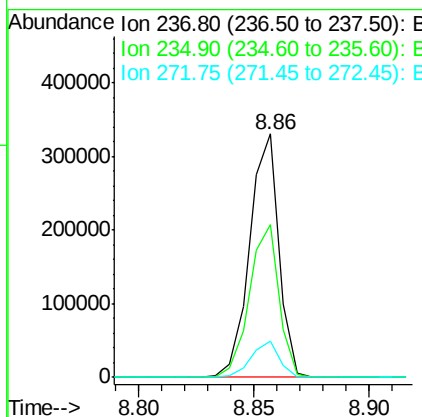
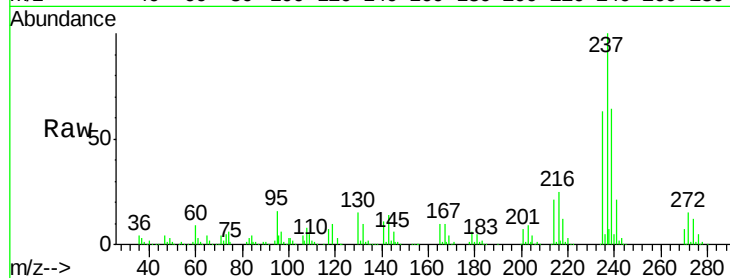
ClientSampleId :

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

Tgt Ion:	237	Resp:	292507
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	14.8	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 126.760 ng

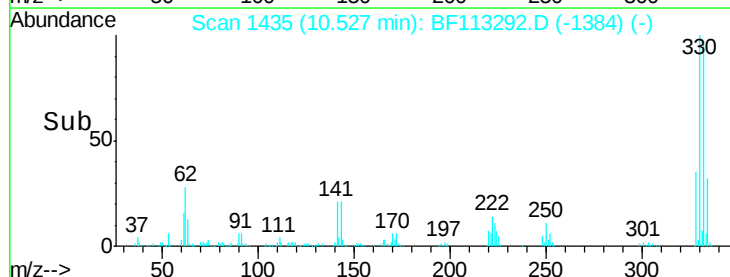
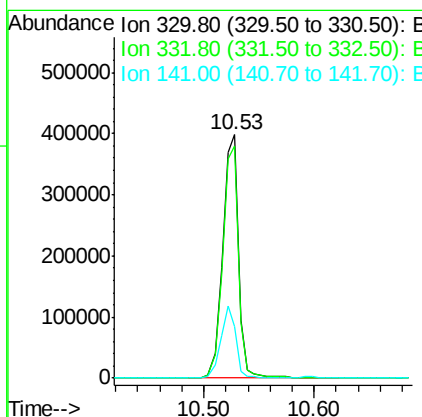
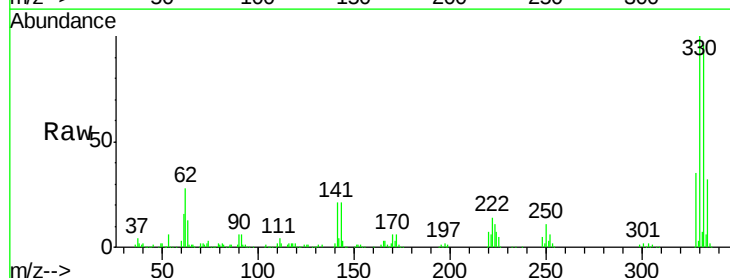
RT: 10.53 min Scan# 1435

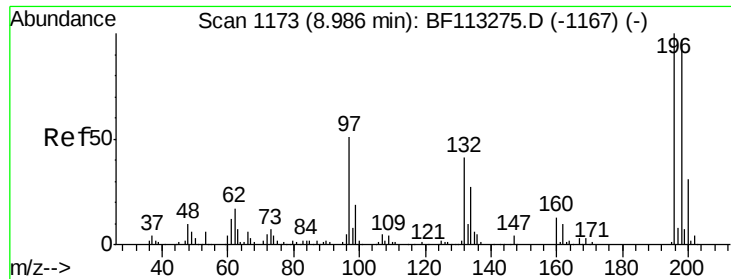
Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	330	Resp:	401338
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.8	116.6
141	27.9	22.7	34.1





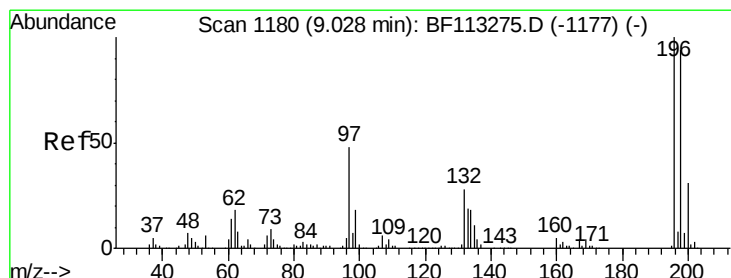
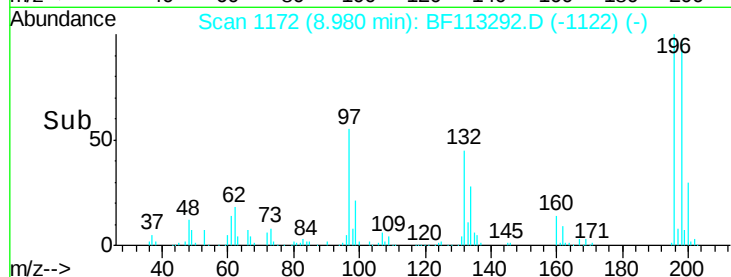
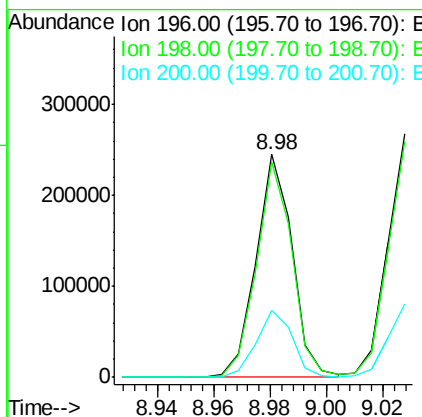
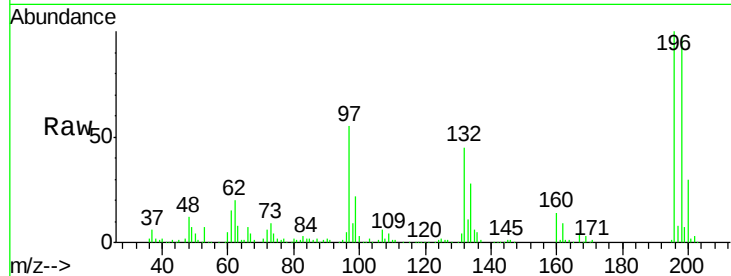
#43
 2,4,6-Trichlorophenol
 Concen: 40.761 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion:	196	Resp:	218394
Ion Ratio	Lower	Upper	
196	100		
198	96.7	77.7	116.5
200	30.1	24.9	37.3

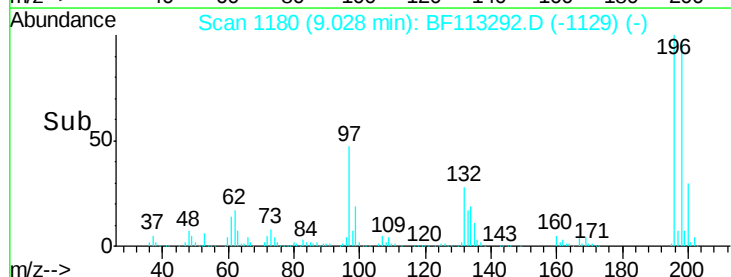
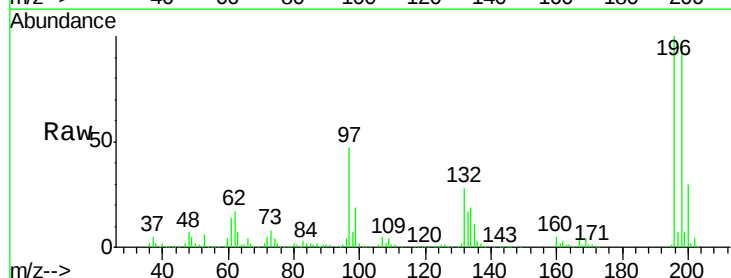
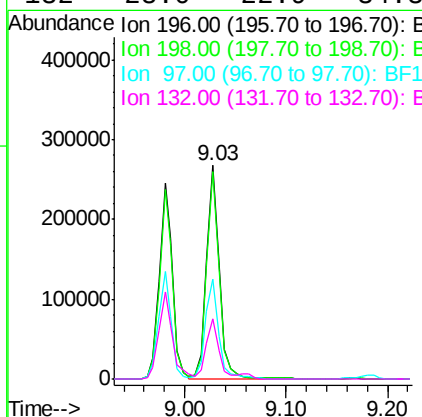
Manual Integrations
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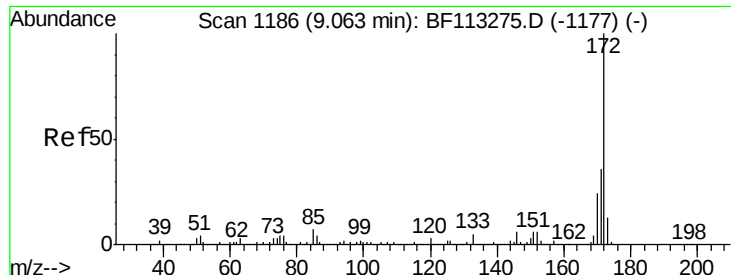
Sohil
 3/27/2019 3:17:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.584 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:	196	Resp:	234718
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.4	113.2
97	46.8	38.6	58.0
132	28.0	22.9	34.3





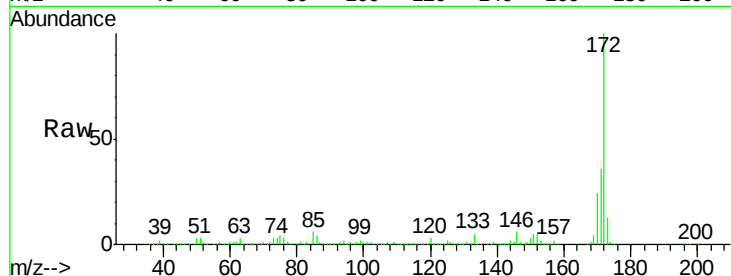
#45
2-Fluorobiphenyl
Concen: 84.212 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

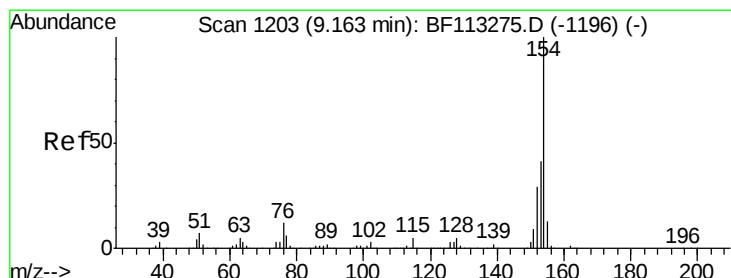
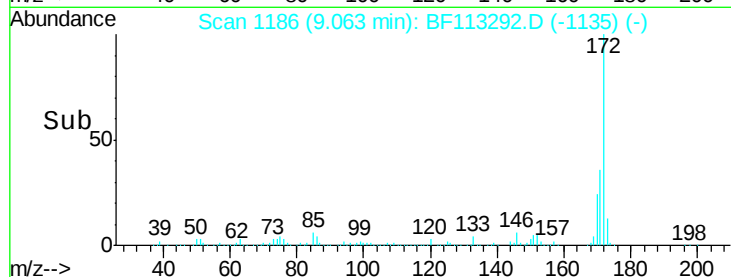
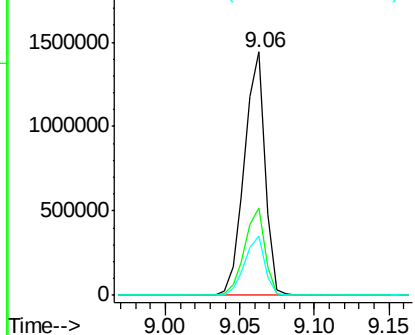
Tgt Ion:172 Resp: 1379843
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.2 19.5 29.3

Manual Integrations
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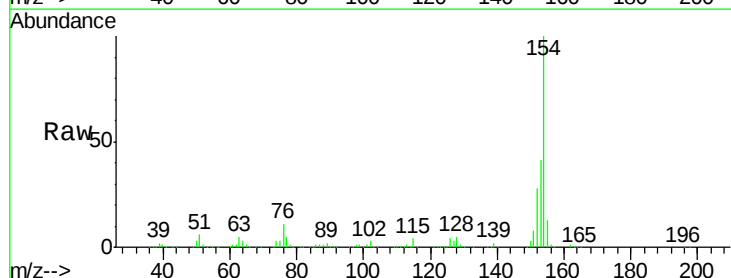


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

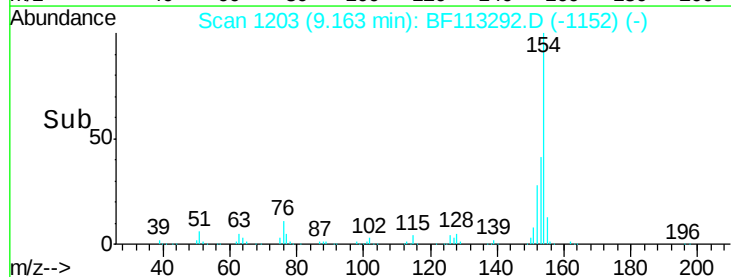
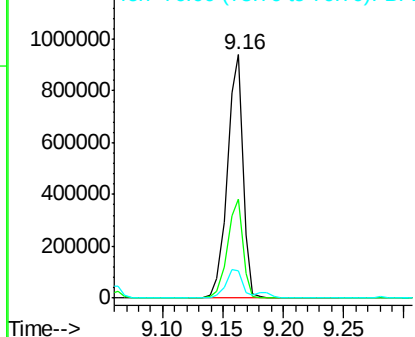


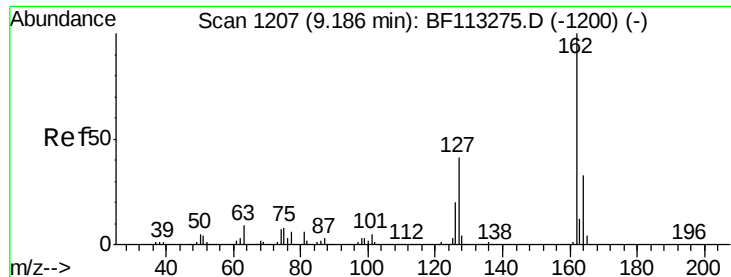
#46
1,1'-Biphenyl
Concen: 39.368 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:154 Resp: 842780
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1200000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





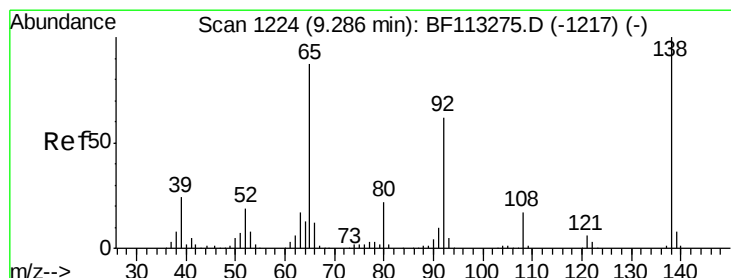
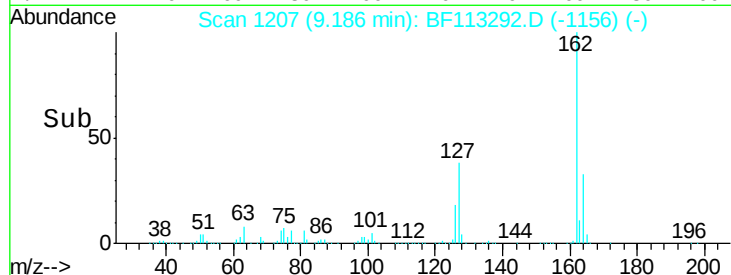
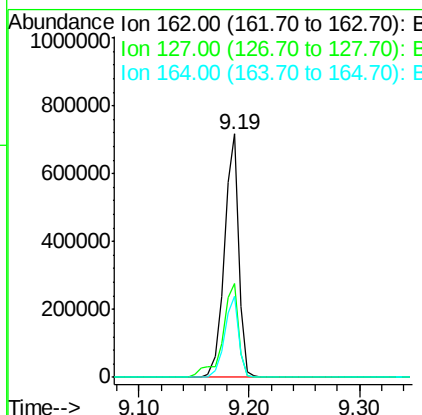
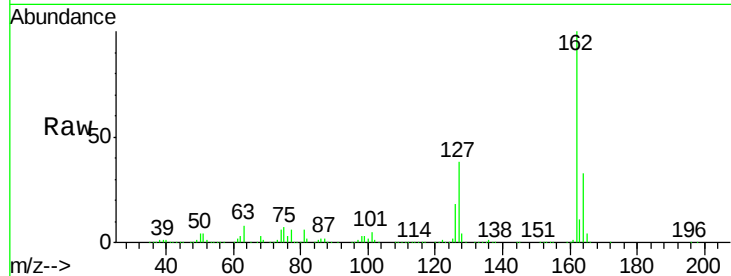
#47
 2-Chloronaphthalene
 Concen: 39.430 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	649923		
127	38.5		32.6	49.0
164	33.2		26.6	39.8

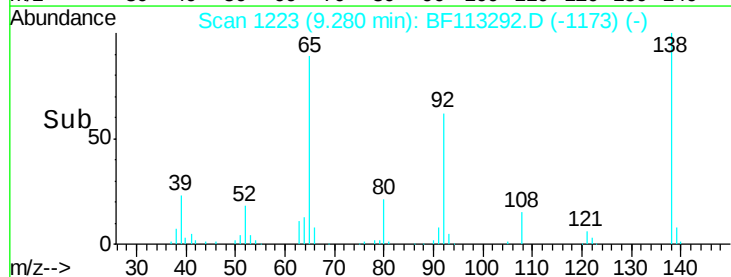
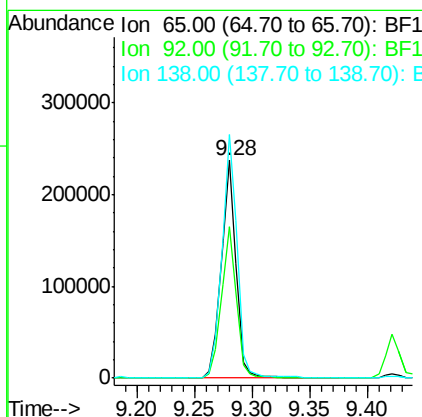
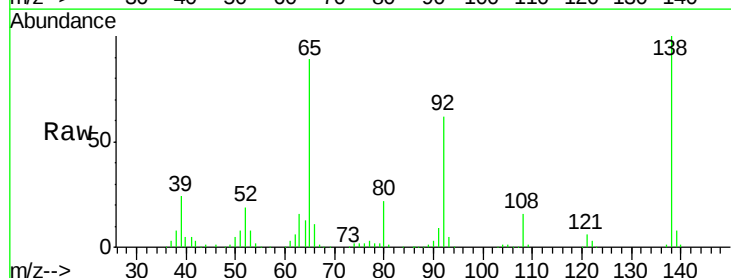
Manual Integrations
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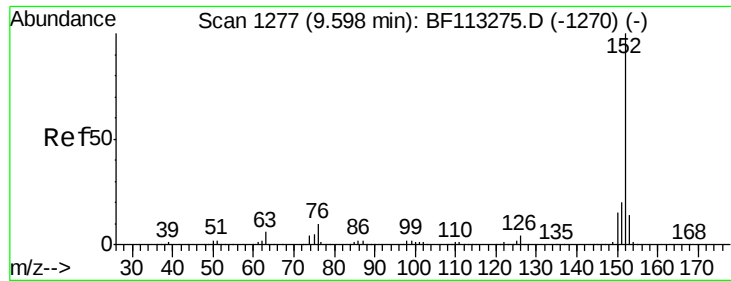
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#48
 2-Nitroaniline
 Concen: 41.148 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	212841		
92	69.4		56.8	85.2
138	111.7		92.3	138.5





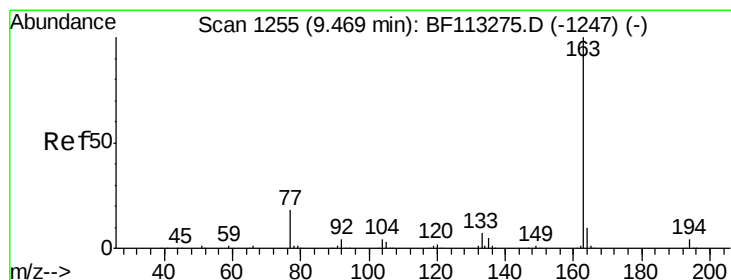
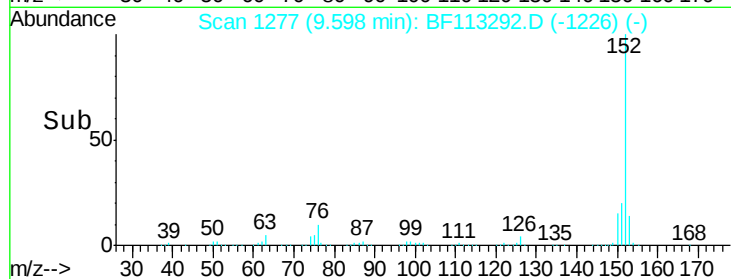
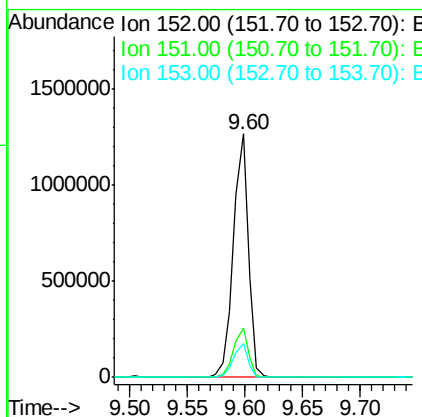
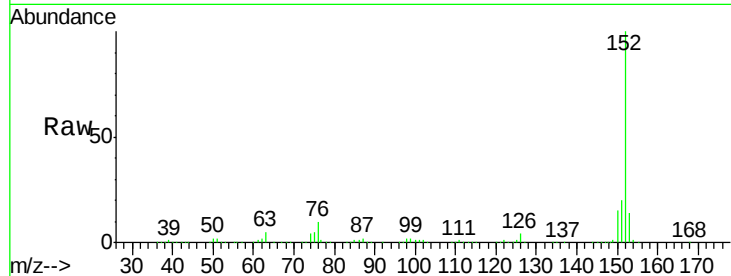
#49
Acenaphthylene
Concen: 42.838 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	11.0	16.6

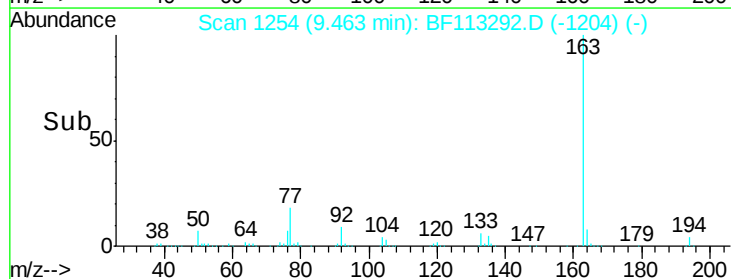
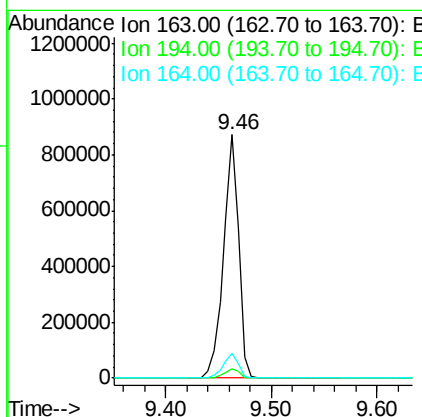
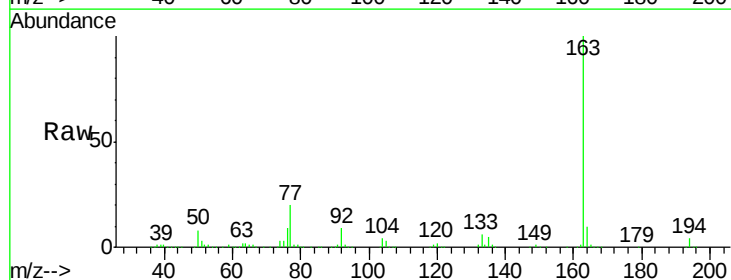
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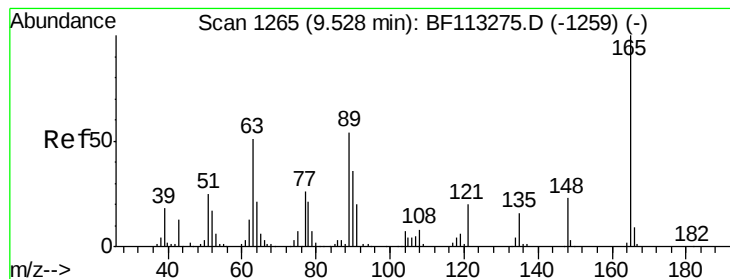
Sohil
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#50
Dimethylphthalate
Concen: 45.899 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 42.394 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

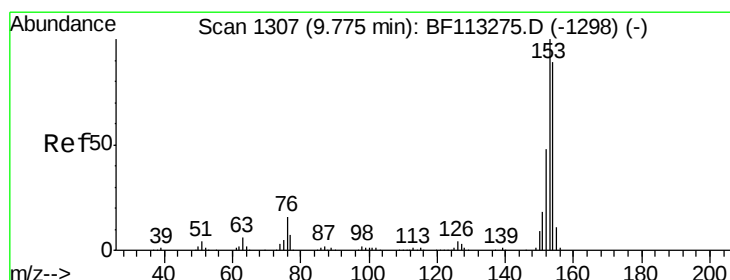
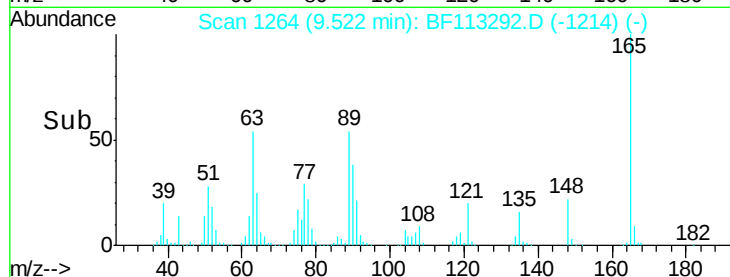
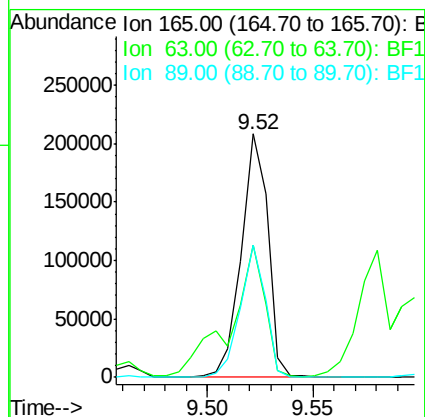
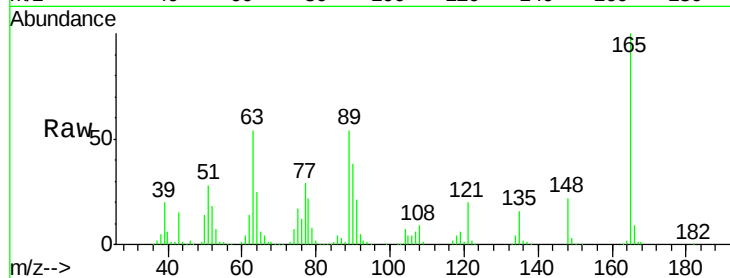
ClientSampleId :

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

Tgt Ion:	165	Resp:	181672
Ion Ratio	Lower	Upper	
165	100		
63	54.4	43.4	65.0
89	54.2	43.1	64.7

Manual Integrations
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#52

Acenaphthene

Concen: 42.723 ng

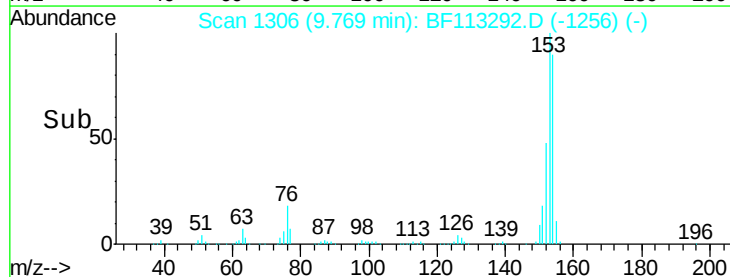
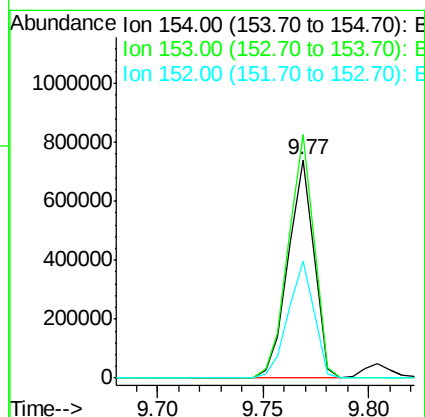
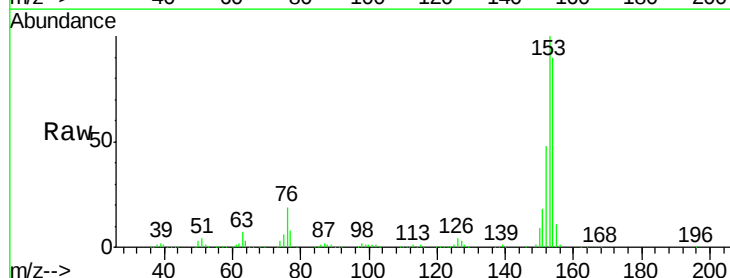
RT: 9.77 min Scan# 1306

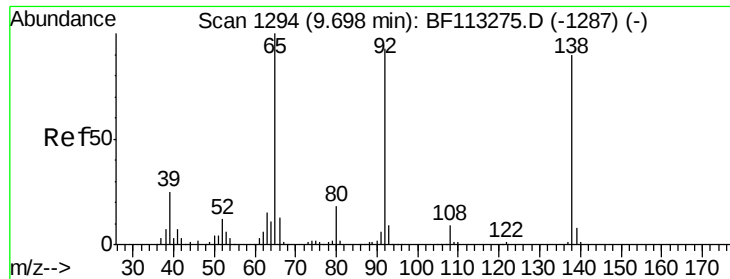
Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	154	Resp:	641224
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.5	134.3
152	53.6	43.3	64.9





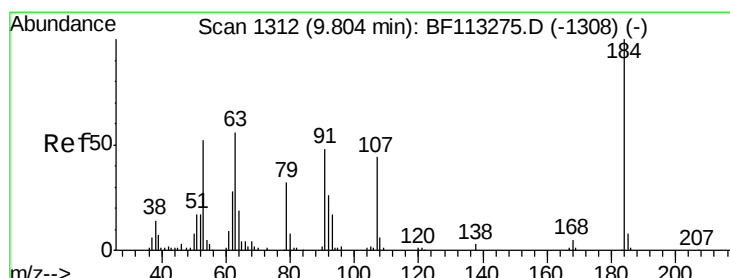
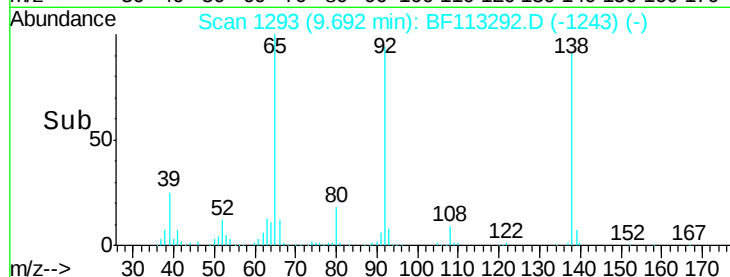
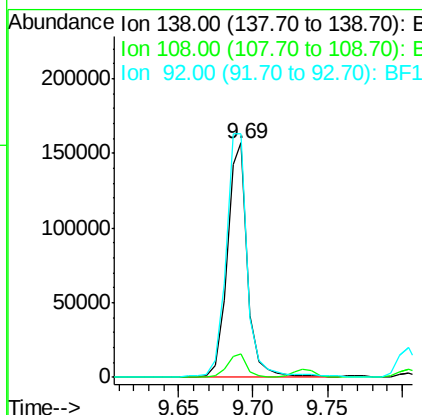
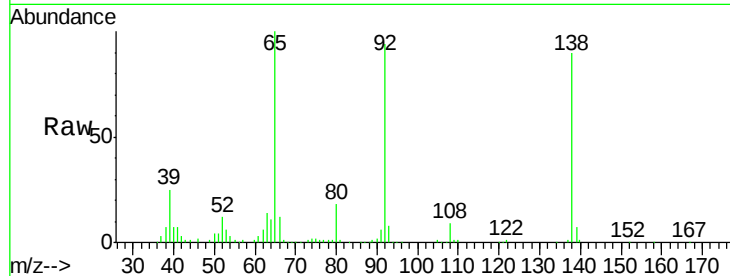
#53
 3-Nitroaniline
 Concen: 31.231 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	103.9	82.6	124.0

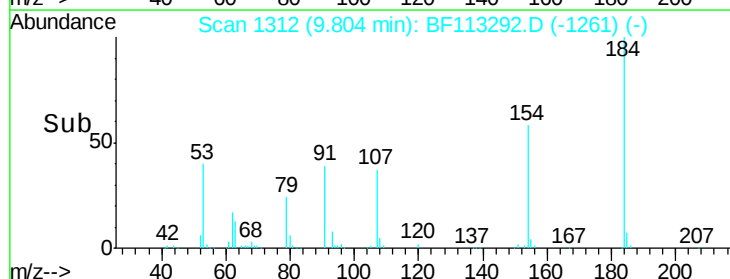
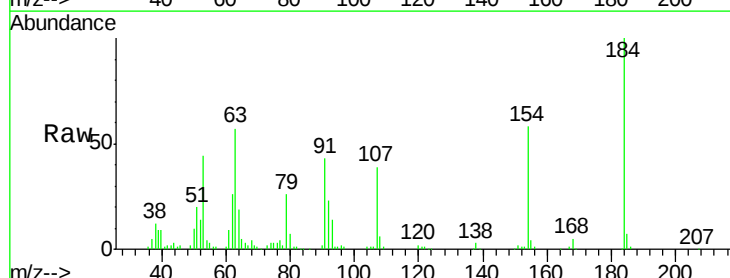
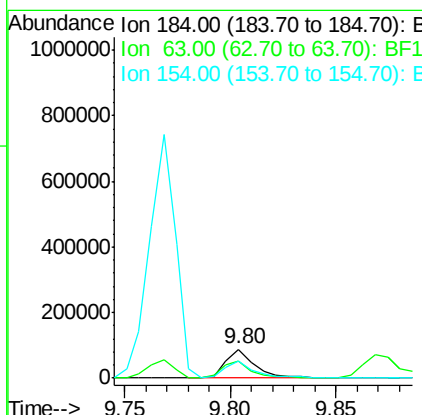
Manual Integrations
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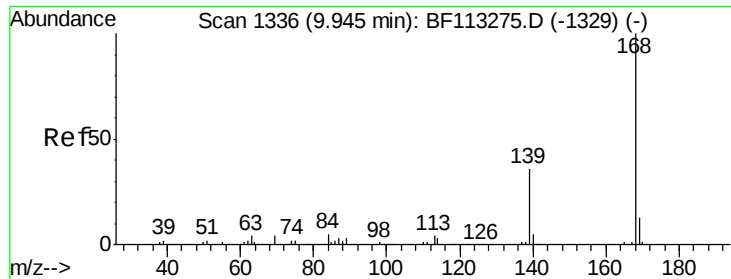
Sohil
 3/27/2019 3:17:41 PM



#54
 2,4-Dinitrophenol
 Concen: 39.878 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	54.3	81.5
154	57.9	48.4	72.6





#55

Dibenzenofuran

Concen: 43.964 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

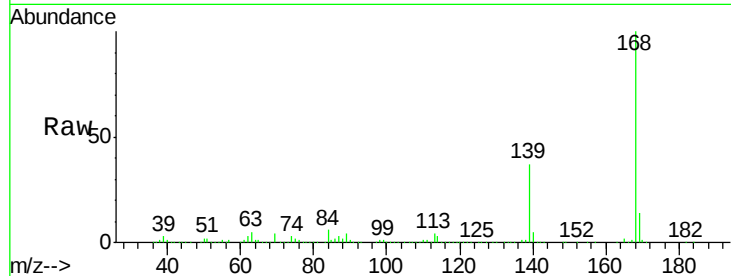
ClientSampleId :

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

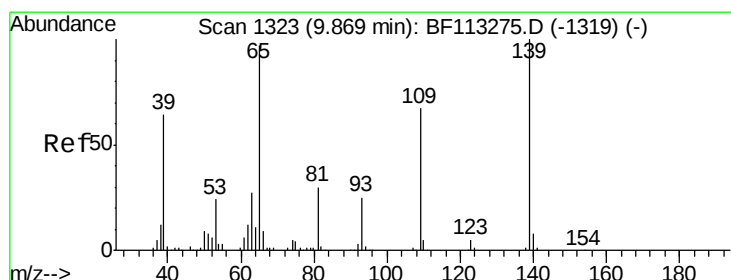
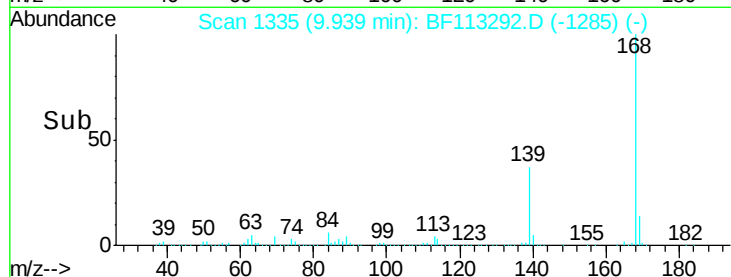
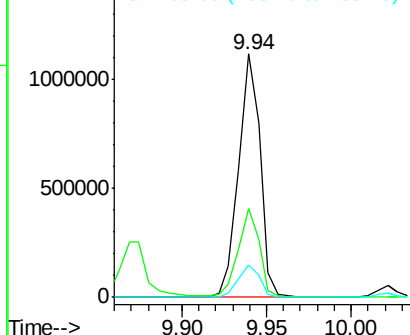
Tgt Ion:	168	Resp:	991975
Ion Ratio	Lower	Upper	
168	100		
139	36.7	29.7	44.5
169	13.6	10.7	16.1

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.161 ng

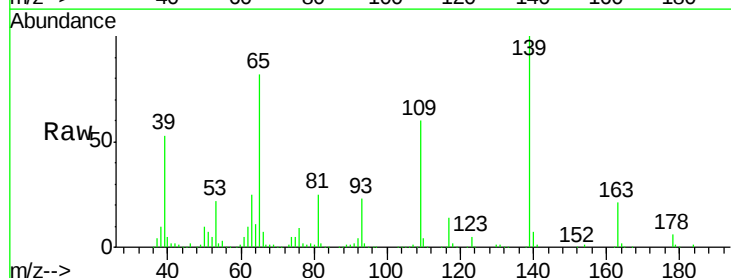
RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

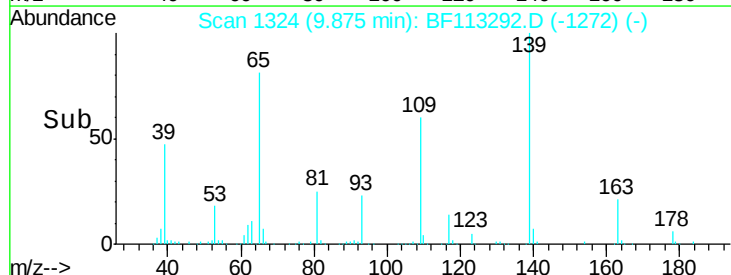
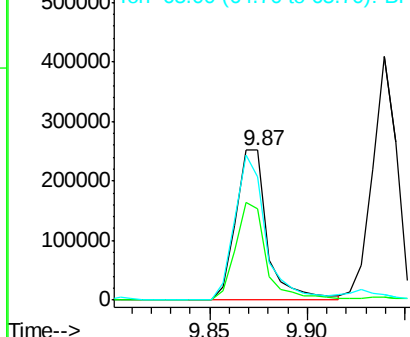
Lab File: BF113292.D

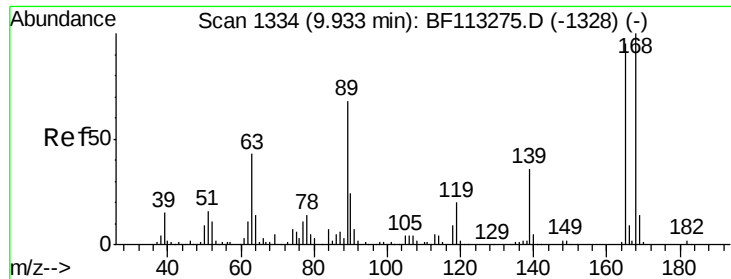
Acq: 26 Mar 2019 15:22

Tgt Ion:	139	Resp:	286517
Ion Ratio	Lower	Upper	
139	100		
109	60.5	46.9	86.9
65	82.3	77.2	117.2



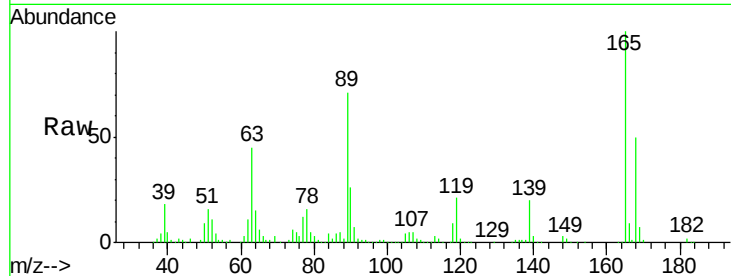
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57
 2,4-Dinitrotoluene
 Concen: 43.921 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

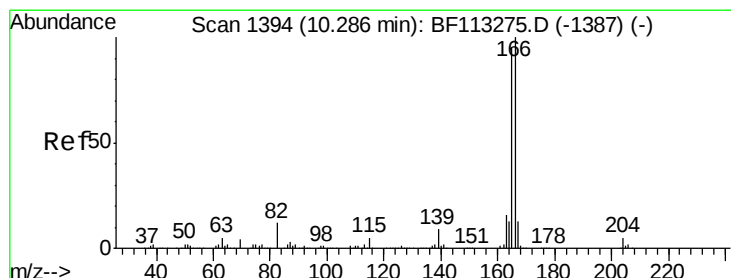
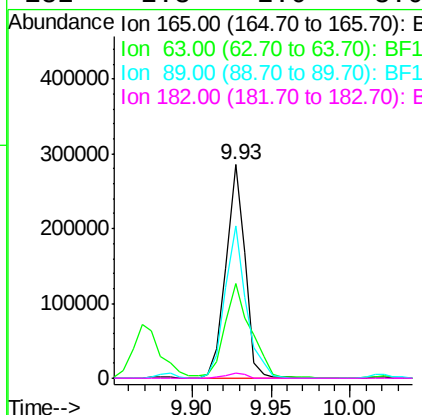
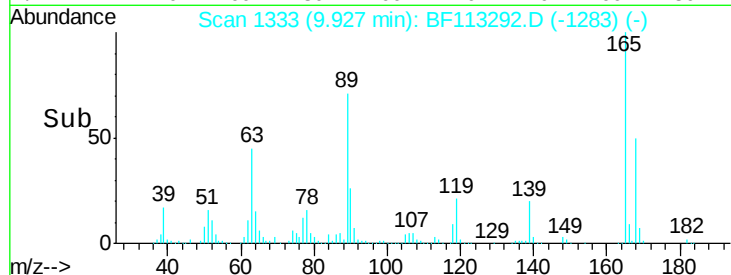
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	239351		
63	44.7	37.5	56.3	
89	71.3	57.4	86.2	
182	2.3	2.0	3.0	

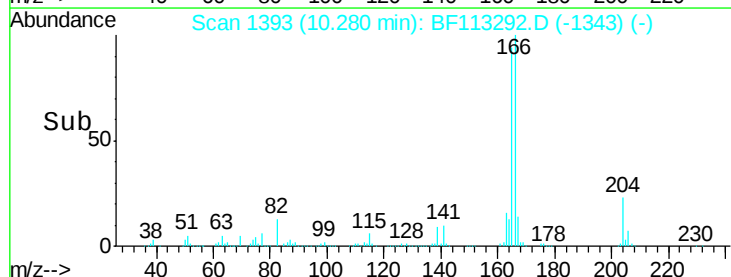
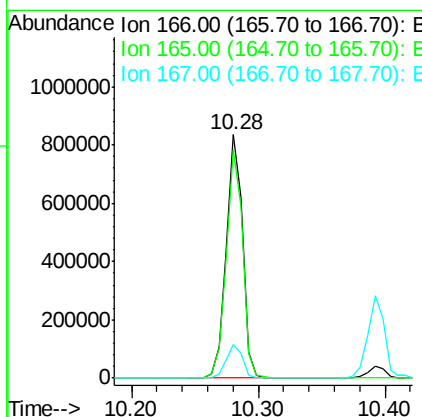
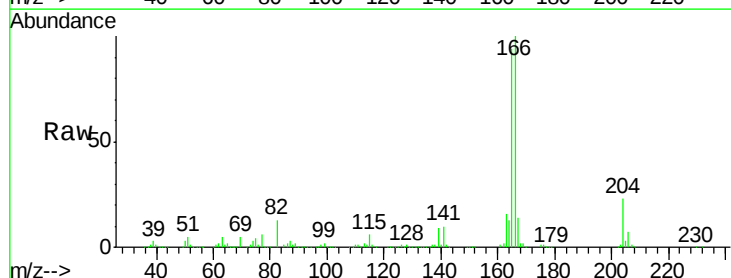
Manual Integrations
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 3/27/2019 3:17:41 PM



#58
 Fluorene
 Concen: 42.427 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	743673		
165	93.7	76.2	114.2	
167	13.9	10.7	16.1	





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.931 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 232 Resp: 225296
Ion Ratio Lower Upper

232 100

131 41.1 33.2 49.8

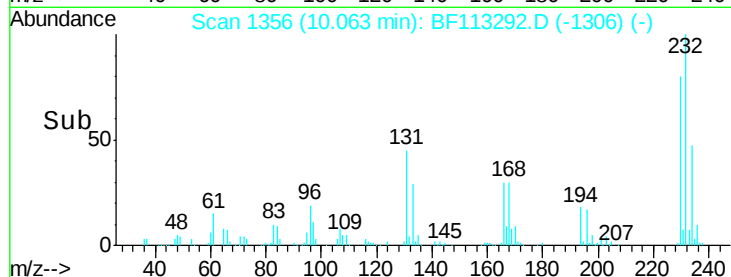
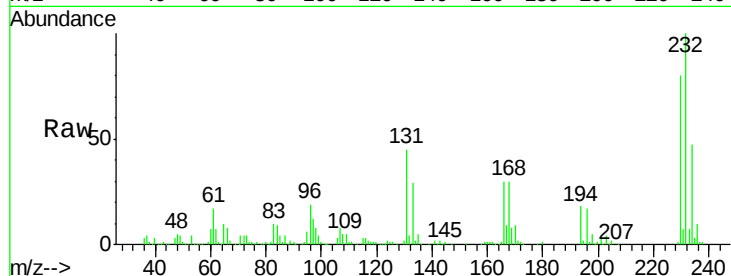
130 1.8 1.6 2.4

166 27.4 21.0 31.6

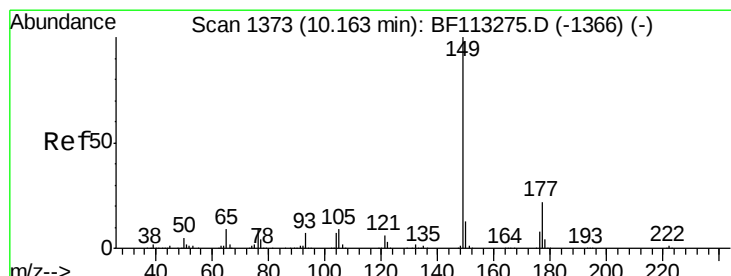
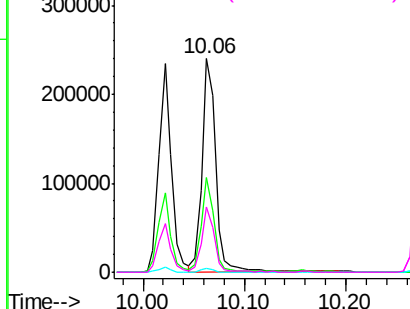
Manual Integrations
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.698 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF113292.D

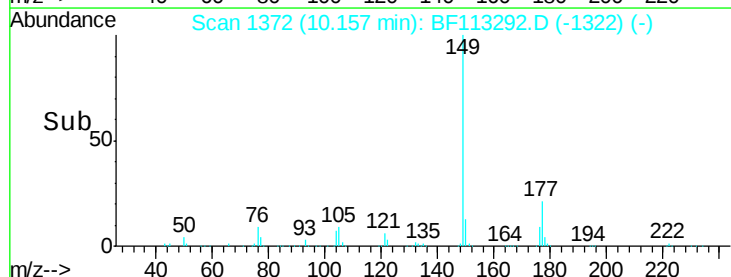
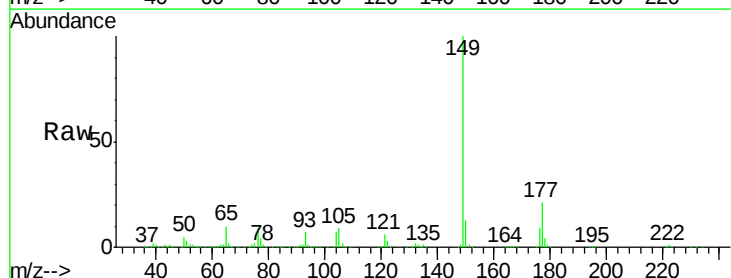
Acq: 26 Mar 2019 15:22

Tgt Ion: 149 Resp: 795658
Ion Ratio Lower Upper

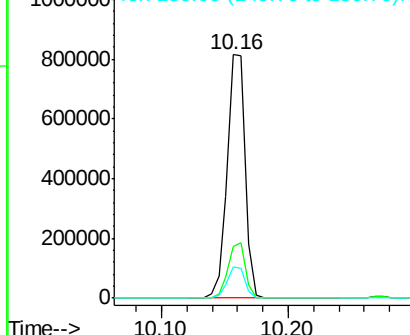
149 100

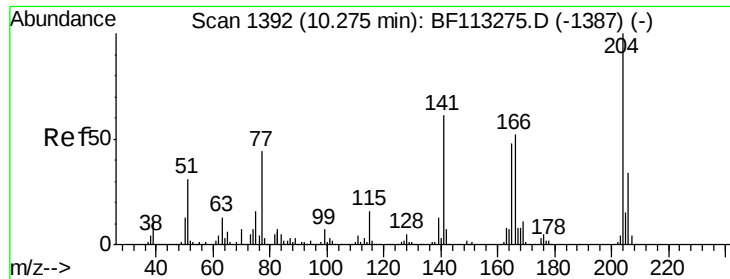
177 21.3 17.4 26.0

150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





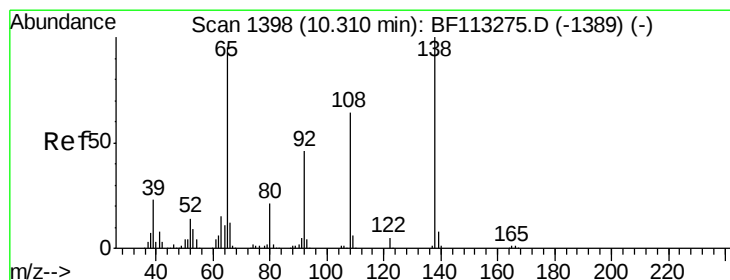
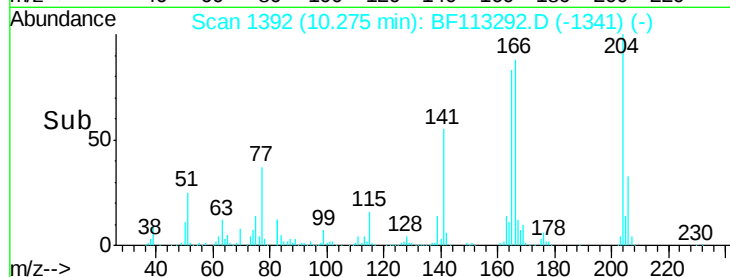
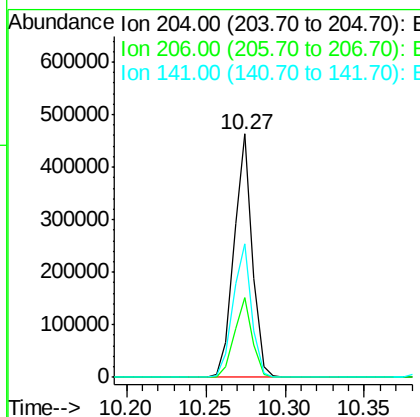
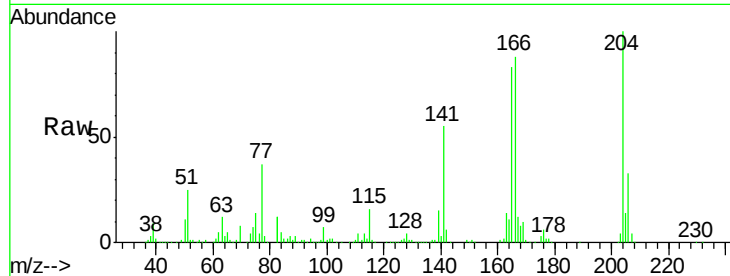
#61
4-Chlorophenyl-phenylether
Concen: 43.155 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	54.8	48.8	73.2

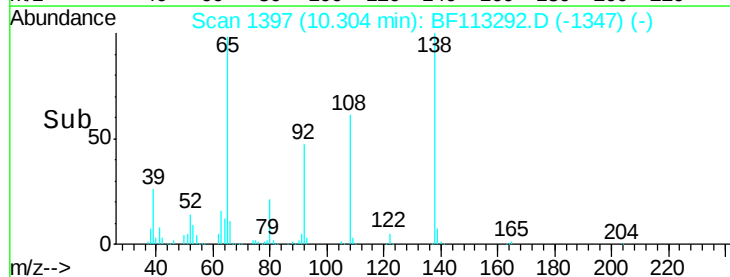
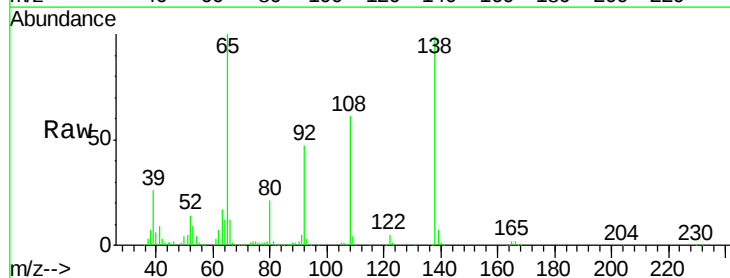
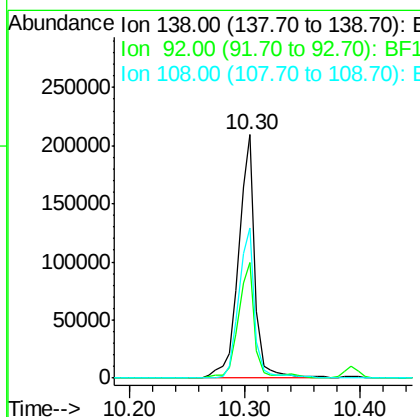
Manual Integrations
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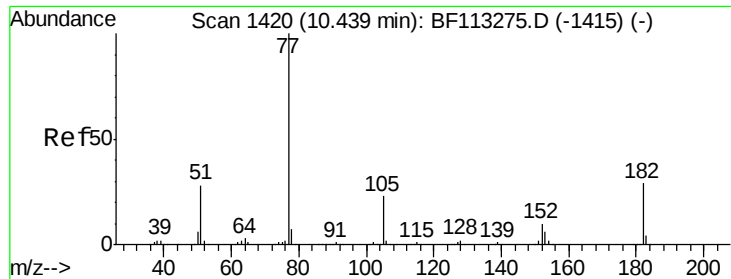
Sohil
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#62
4-Nitroaniline
Concen: 41.470 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	25.8	65.8
108	61.5	44.0	84.0





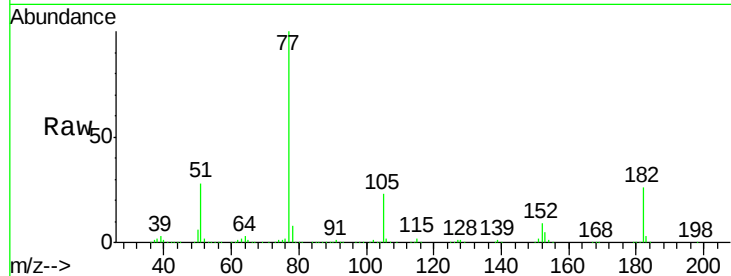
#63
Azobenzene
Concen: 42.893 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

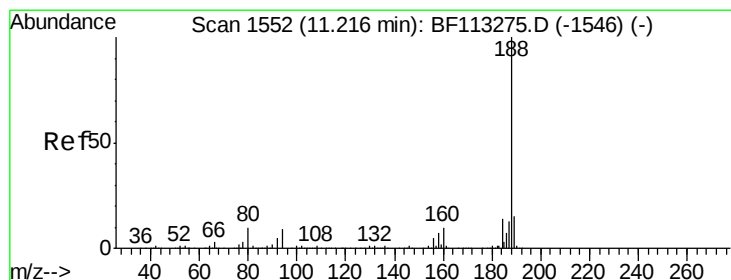
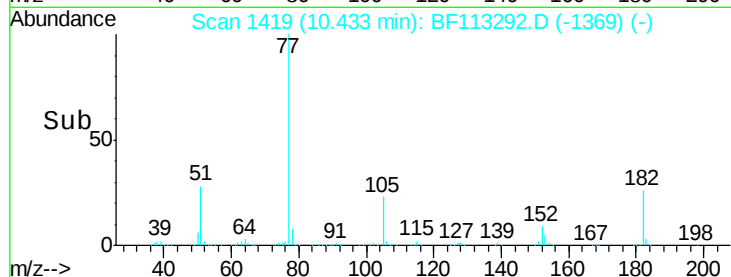
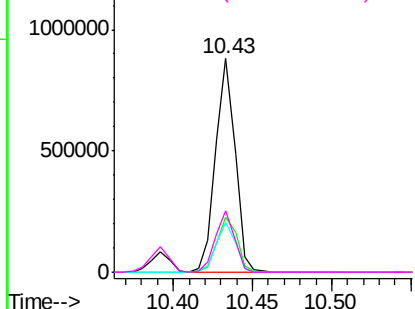
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.7	48.7
105	23.4	2.9	42.9
51	28.5	8.8	48.8

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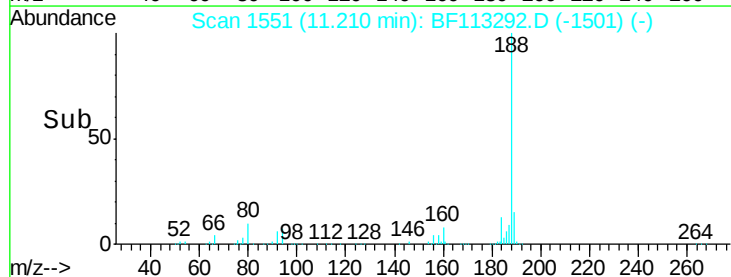
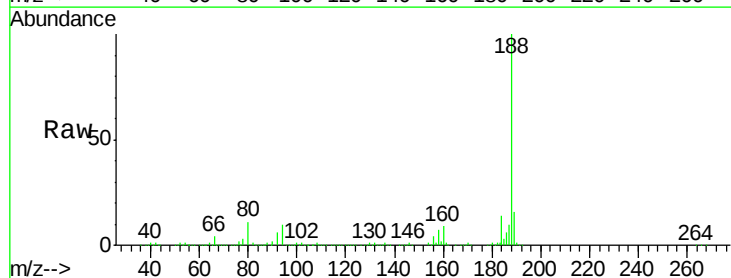
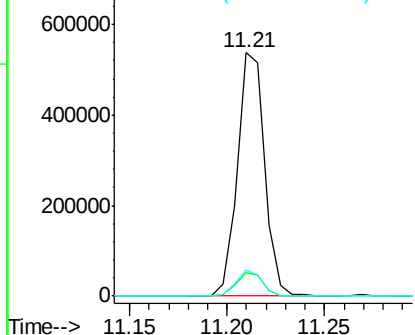
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

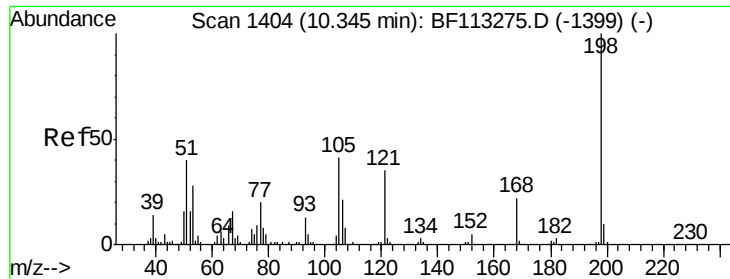


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.6	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





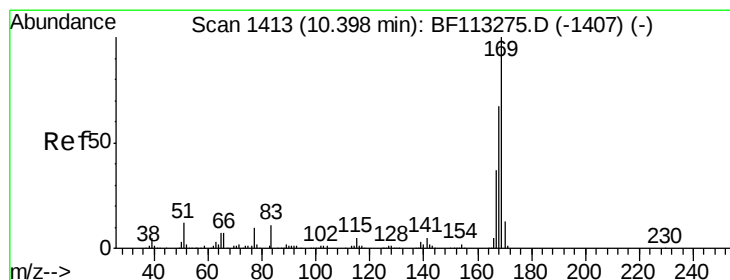
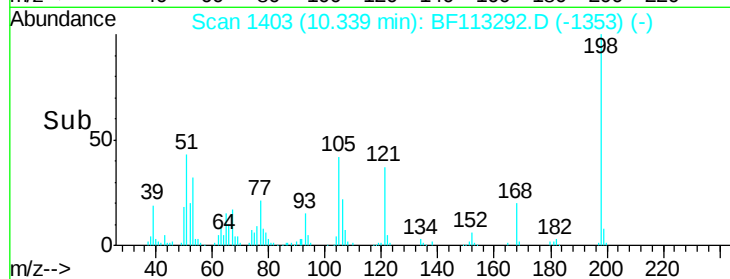
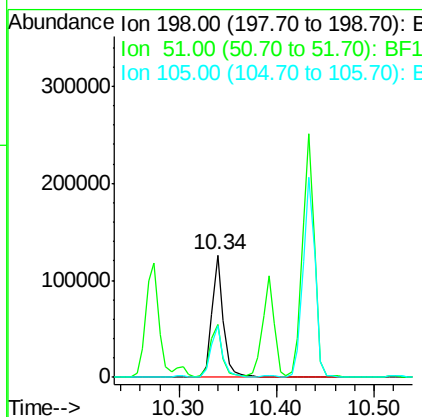
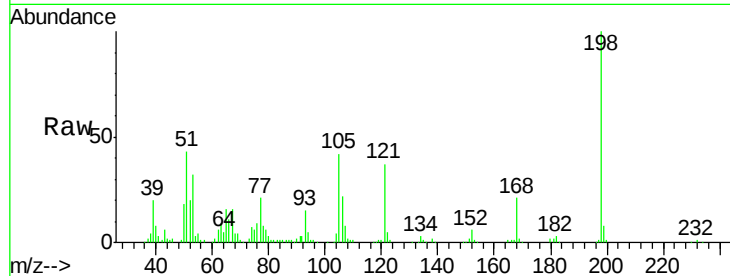
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.789 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	104485		
51	42.9	21.6	61.6	
105	42.1	20.6	60.6	

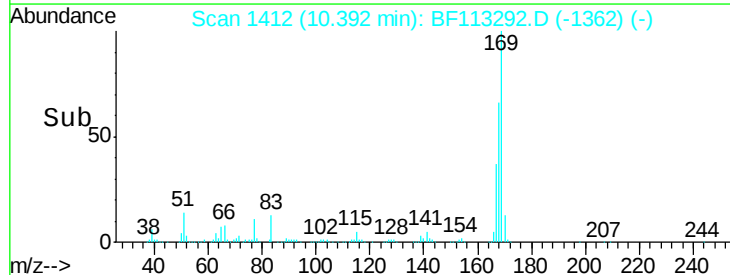
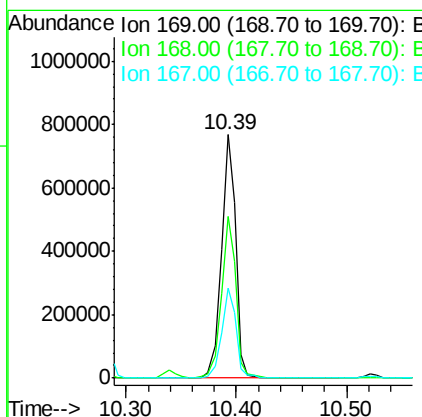
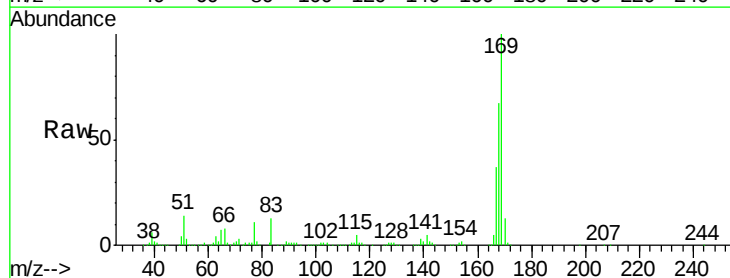
Manual Integrations
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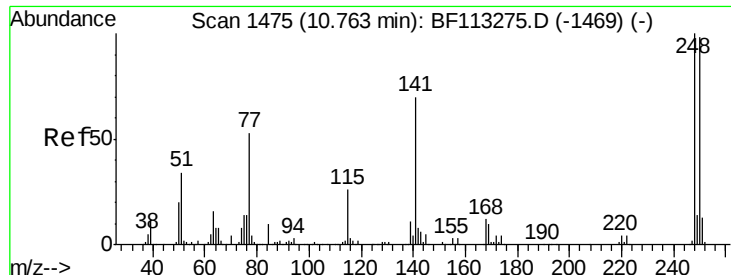
Sohil
 3/27/2019 3:17:41 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.121 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	686962		
168	66.6	53.7	80.5	
167	36.9	29.5	44.3	





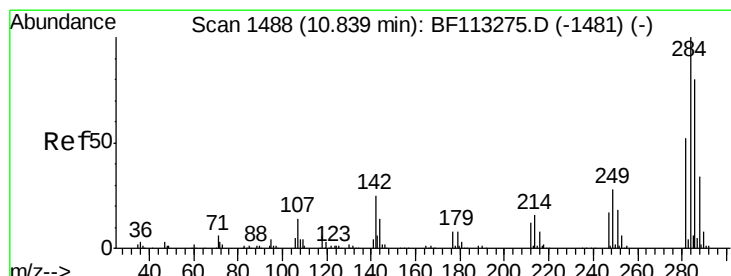
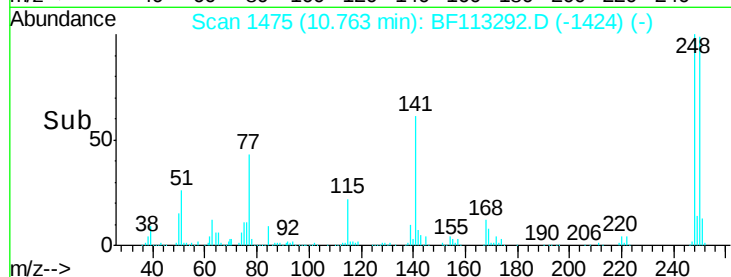
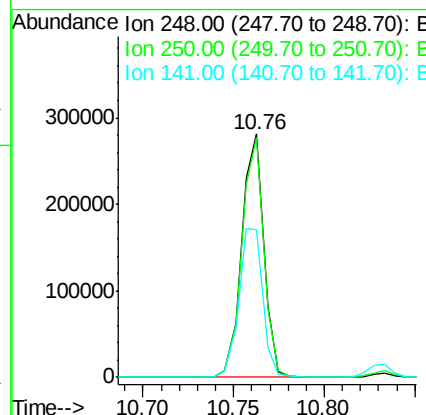
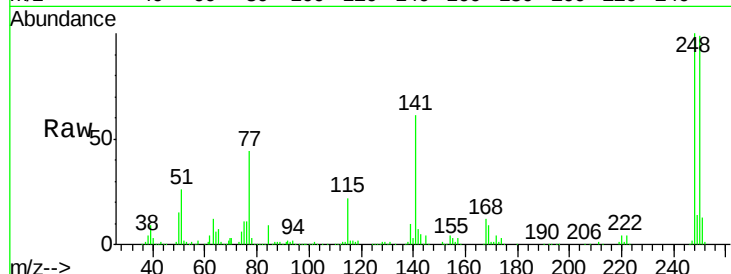
#67
 4-Bromophenyl-phenylether
 Concen: 42.111 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.3	117.5
141	60.7	56.2	84.4

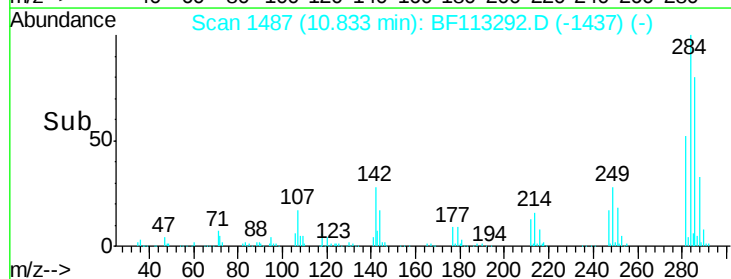
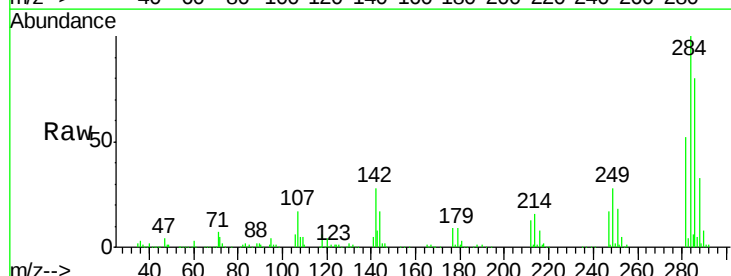
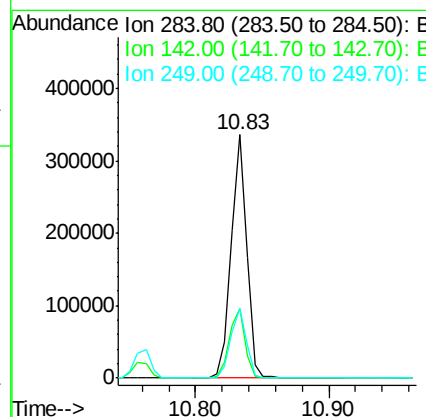
Manual Integrations
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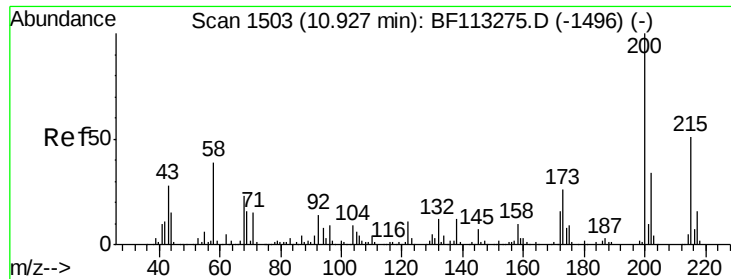
Sohil
 3/27/2019 3:17:41 PM



#68
 Hexachlorobenzene
 Concen: 42.460 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	20.1	30.1
249	28.4	22.7	34.1





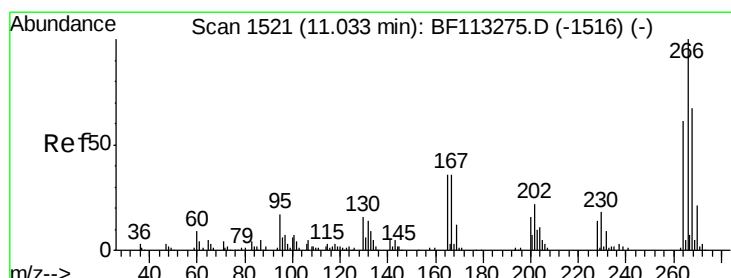
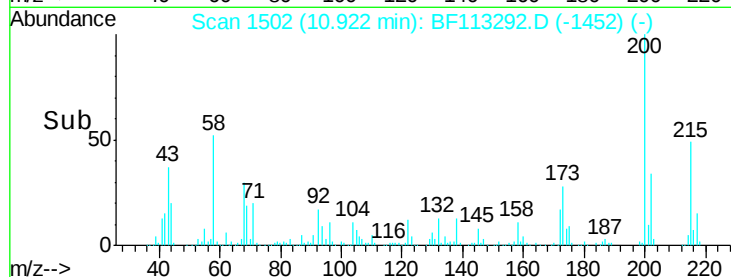
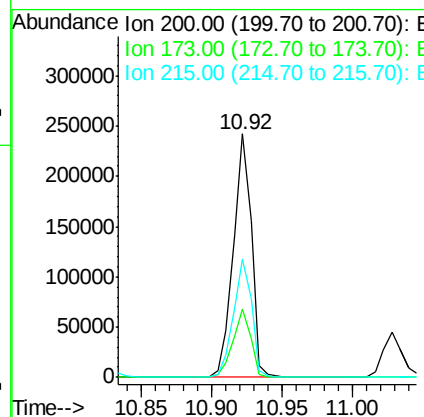
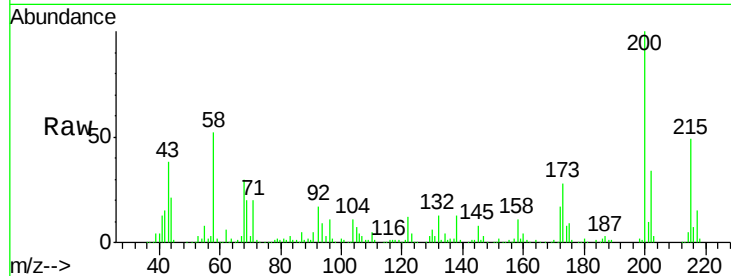
#69
 Atrazine
 Concen: 43.009 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	6.0	46.0
215	48.5	31.3	71.3

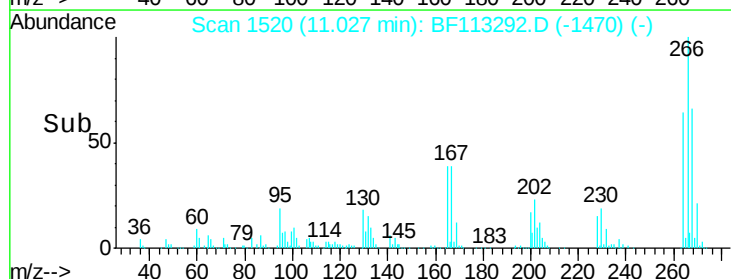
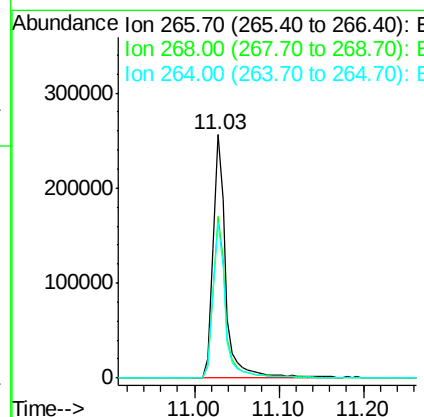
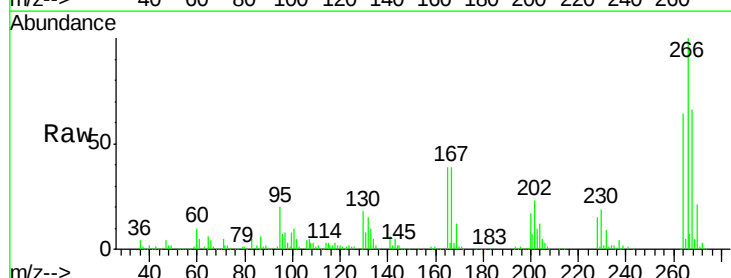
Manual Integrations
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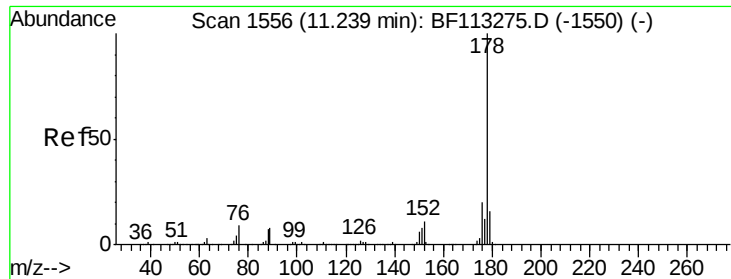
Sohil
 3/27/2019 3:17:41 PM



#70
 Pentachlorophenol
 Concen: 80.024 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.5	53.8	80.6
264	64.0	49.2	73.8





#71

Phenanthrene

Concen: 42.492 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:178 Resp: 1095537

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.2

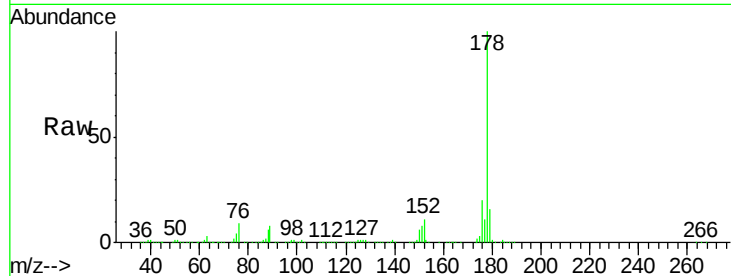
179 15.9 12.7 19.1

Manual Integrations

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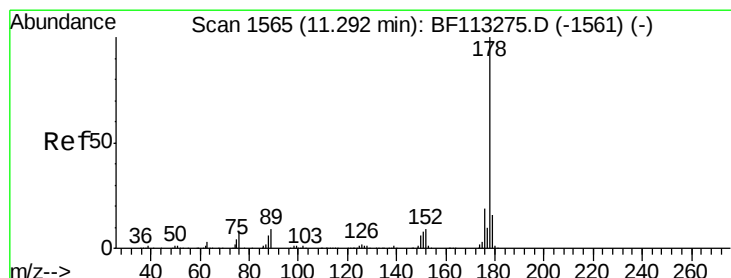
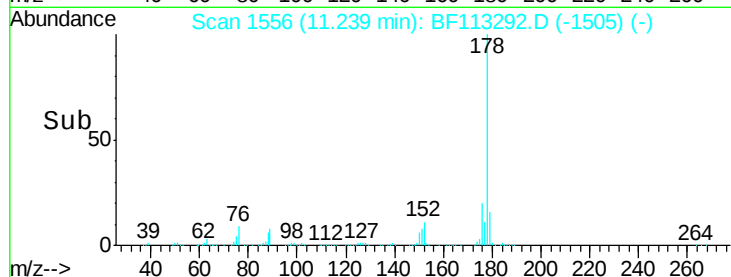
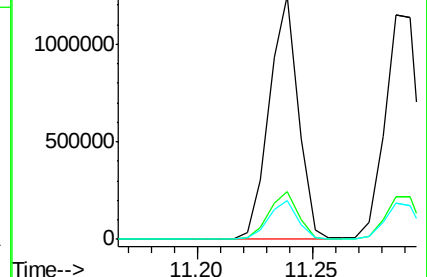
3/27/2019 3:17:41 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.054 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:178 Resp: 1153691

Ion Ratio Lower Upper

178 100

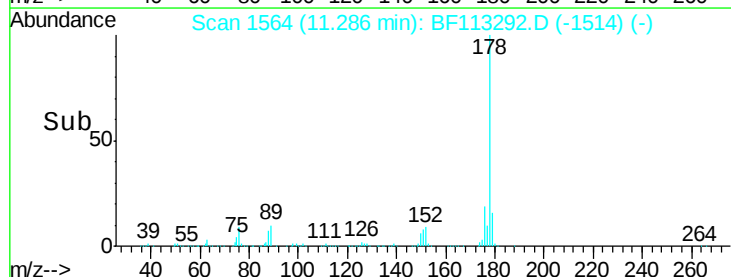
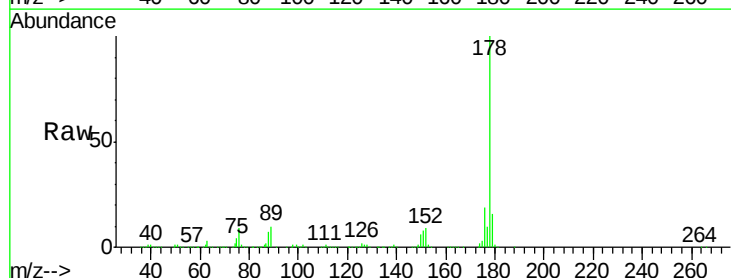
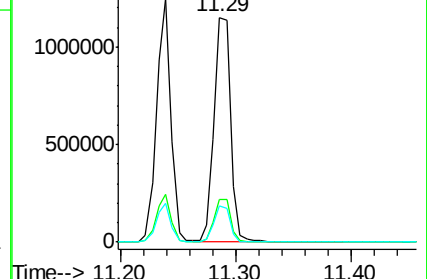
176 19.2 15.4 23.2

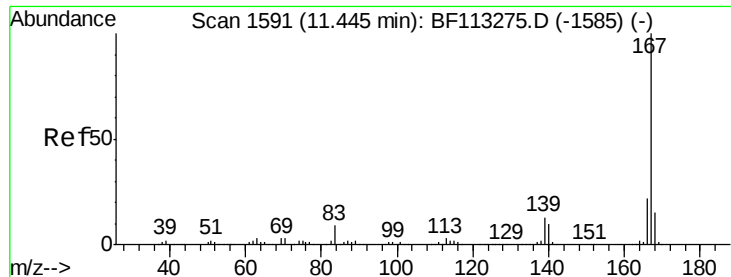
179 16.1 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





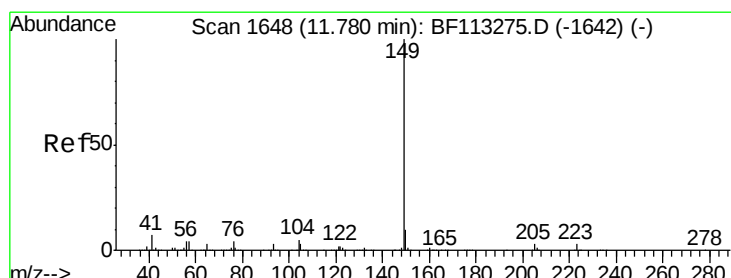
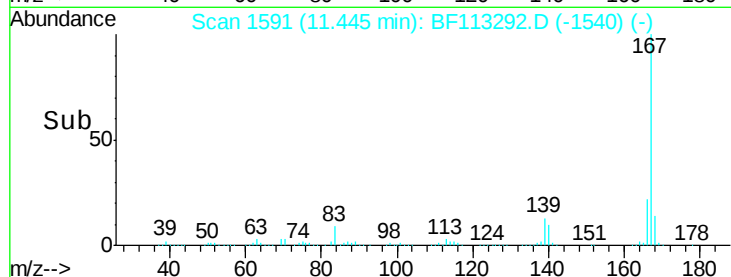
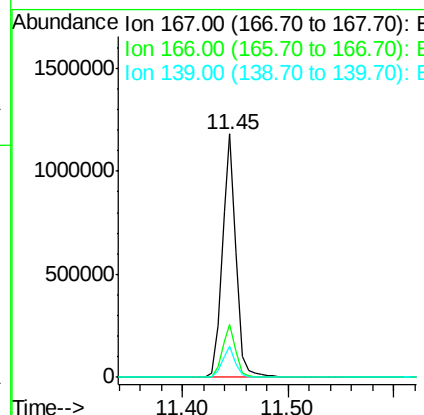
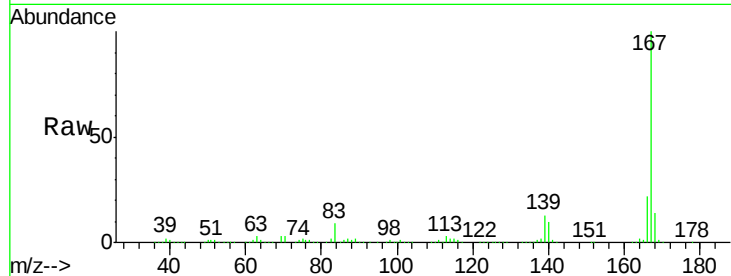
#73
 Carbazole
 Concen: 43.254 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion:167 Resp: 1080876
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 10.4 15.6

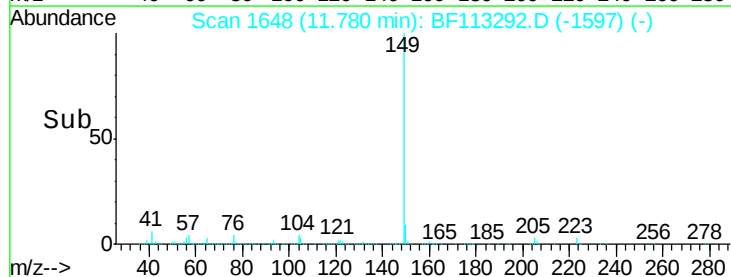
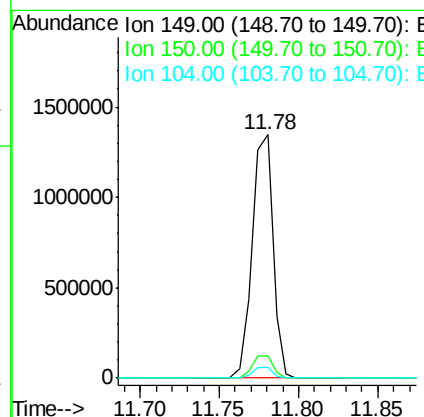
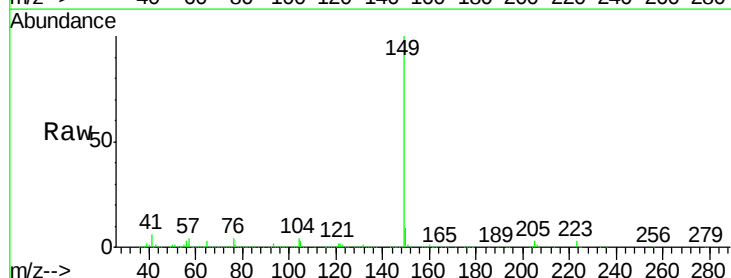
Manual Integrations
 APPROVED

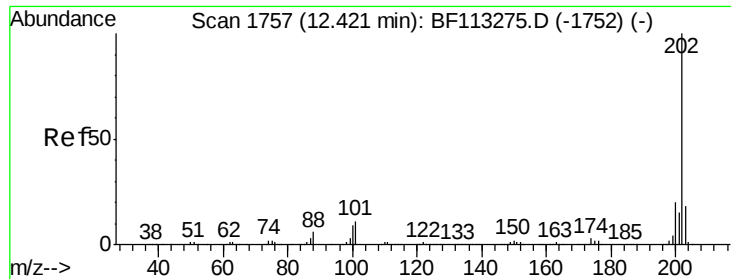
Sohil
 3/27/2019 3:17:41 PM



#74
 Di-n-butylphthalate
 Concen: 42.342 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:149 Resp: 1226981
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.3 3.7 5.5





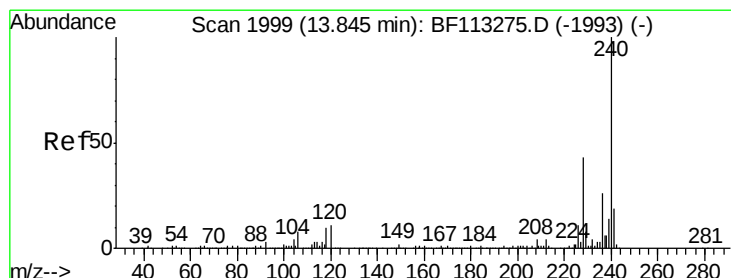
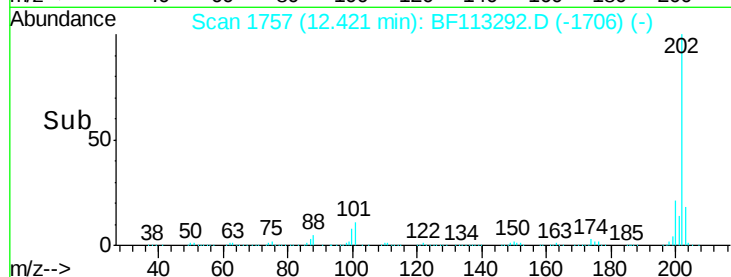
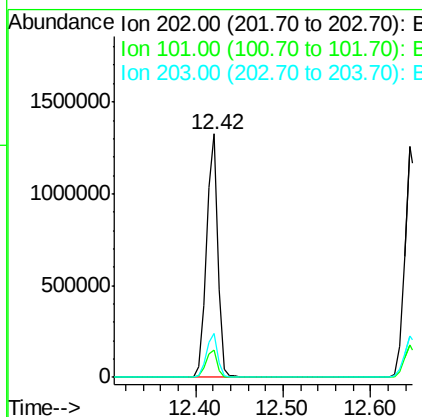
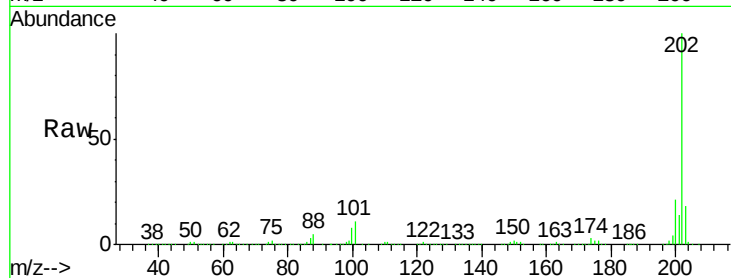
#75
Fluoranthene
 Concen: 40.938 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1193189		
101	11.1	0.0	31.4	
203	17.9	0.0	38.0	

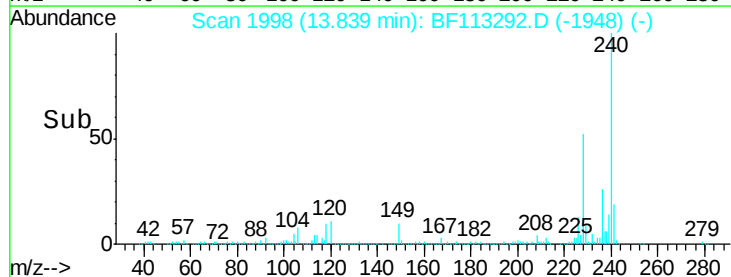
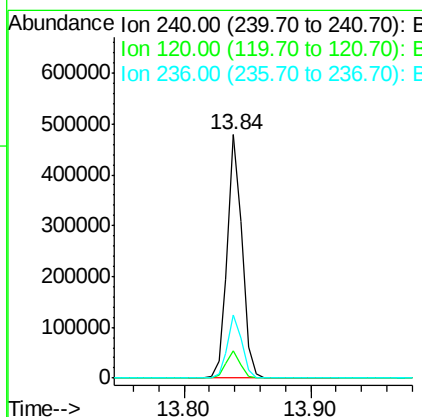
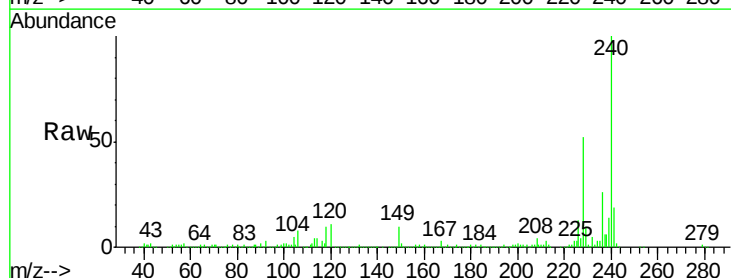
Manual Integrations
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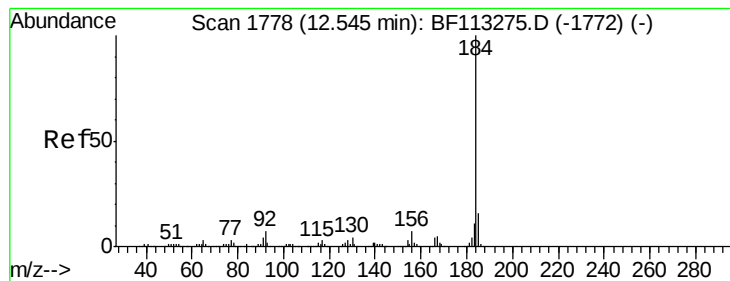
Sohil
 3/27/2019 3:17:41 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	386898		
120	11.0	8.8	13.2	
236	26.0	20.9	31.3	





#77

Benzidine

Concen: 25.478 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

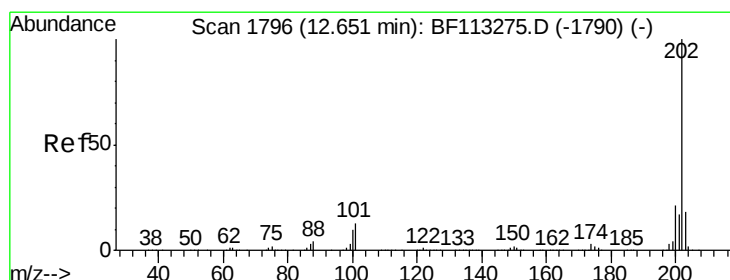
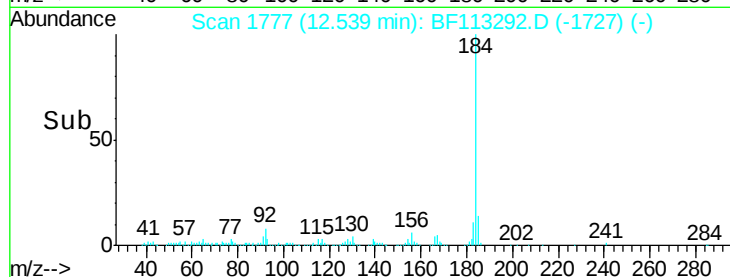
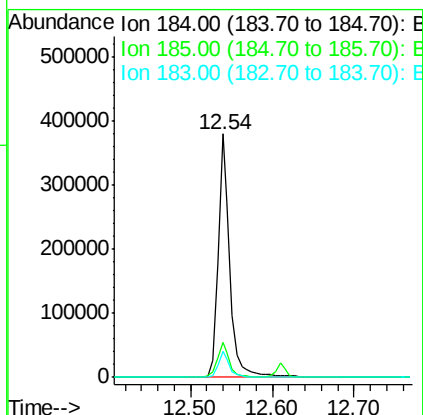
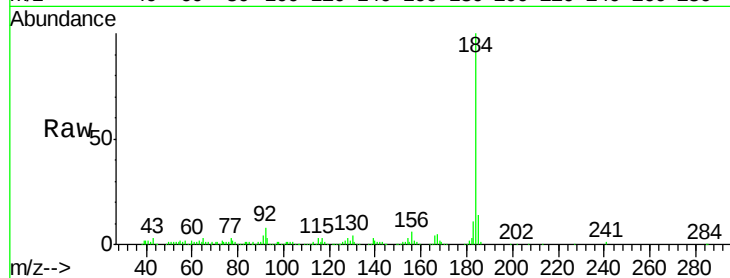
ClientSampleId :

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

Tgt Ion:	184	Resp:	377481
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	10.6	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 45.061 ng

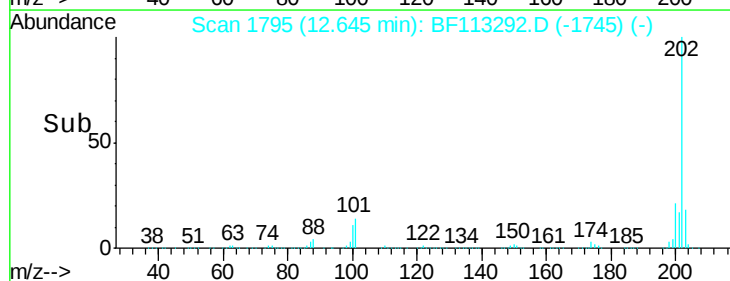
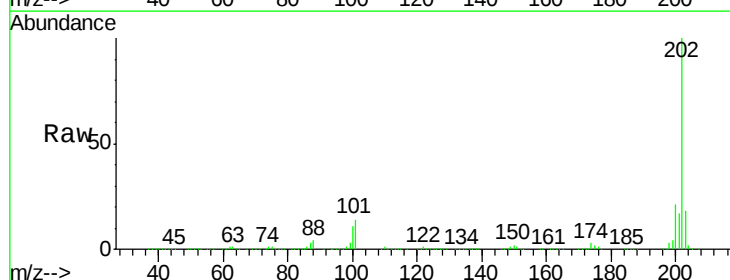
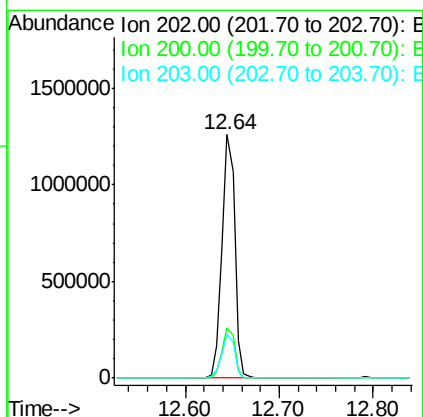
RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	202	Resp:	1208119
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.9	14.4	21.6





#79

Terphenyl-d14

Concen: 90.939 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:244 Resp: 1596248

Ion Ratio Lower Upper

244 100

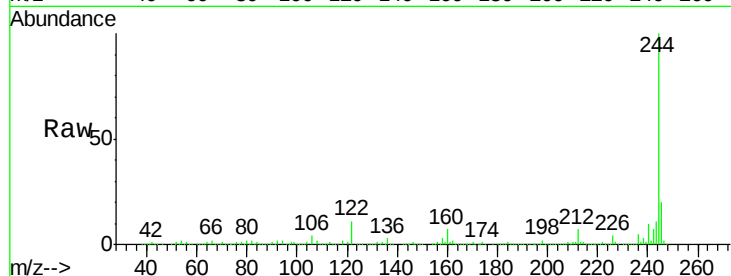
212 6.8 5.5 8.3

122 11.4 8.6 13.0

Manual Integrations
APPROVED

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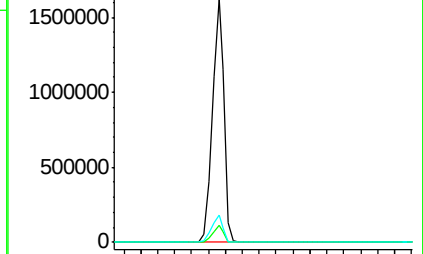
3/27/2019 3:17:41 PM



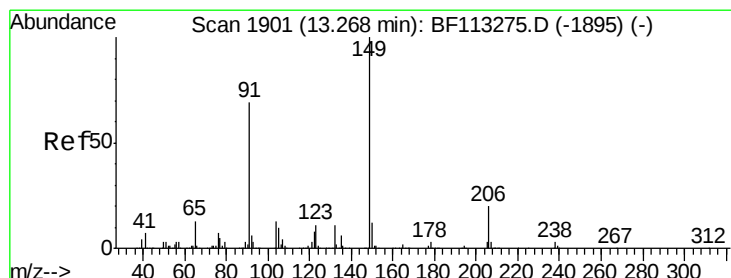
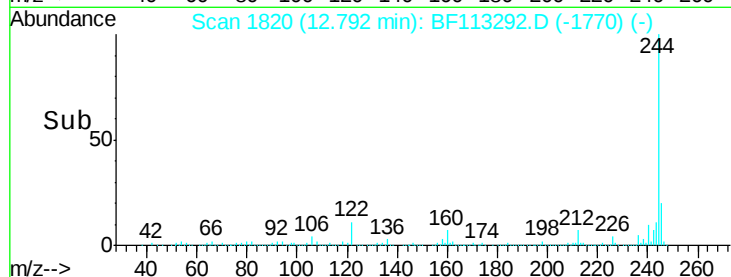
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 43.585 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

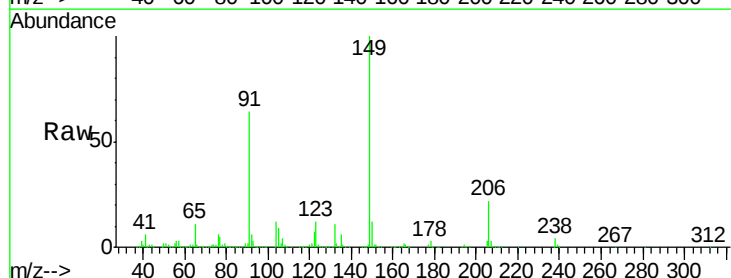
Tgt Ion:149 Resp: 514990

Ion Ratio Lower Upper

149 100

91 63.7 55.2 82.8

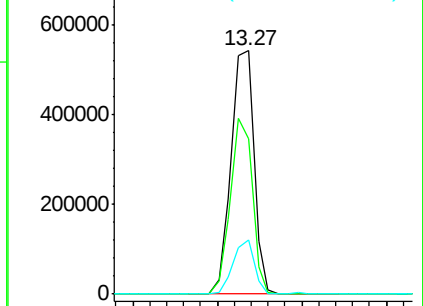
206 22.1 16.1 24.1



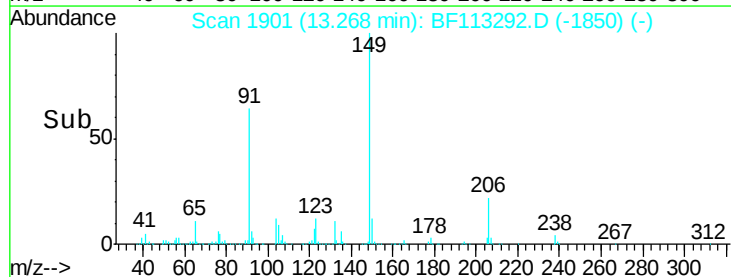
Abundance Ion 149.00 (148.70 to 149.70): E

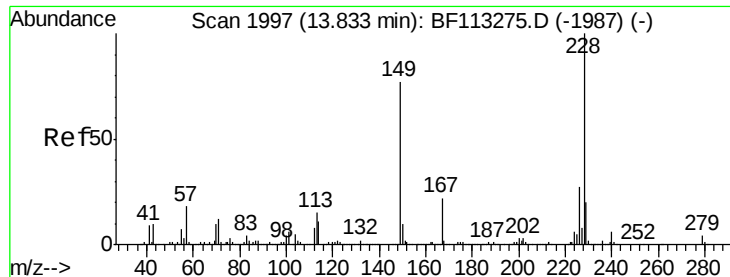
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 40.930 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

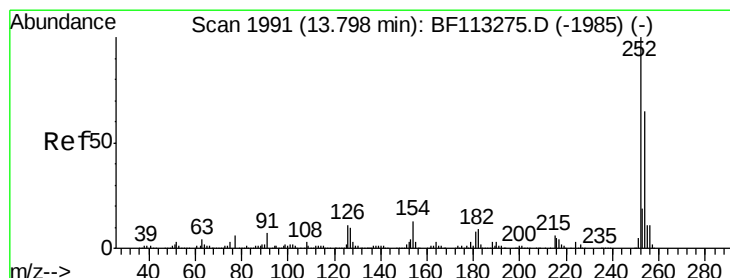
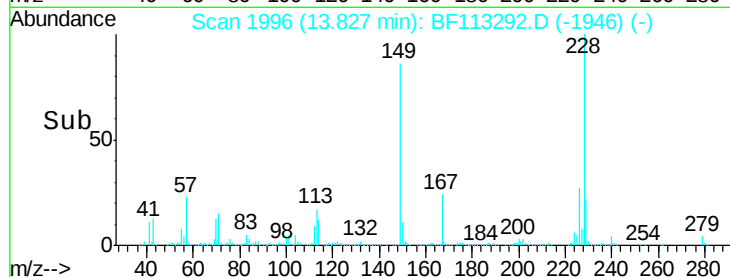
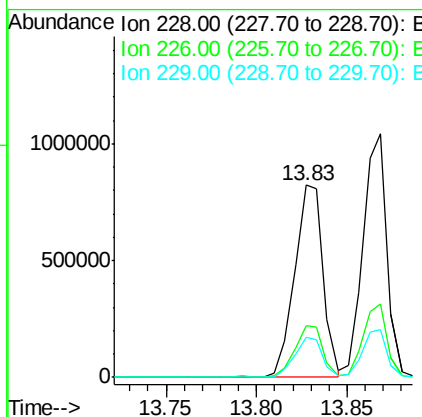
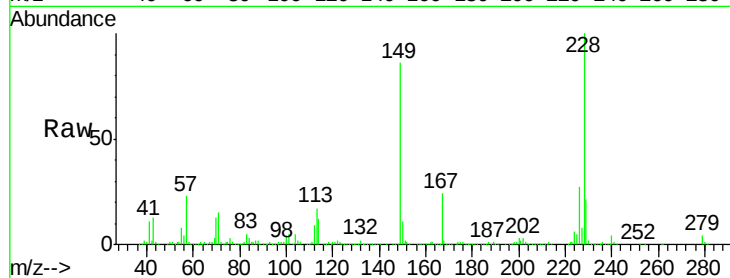
ClientSampleId :

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

Tgt Ion:	228	Resp:	906467
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.8
229	20.7	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.736 ng

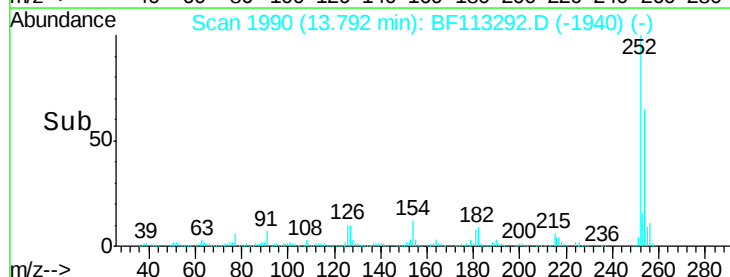
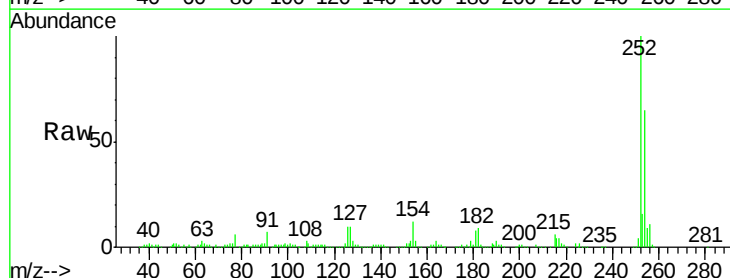
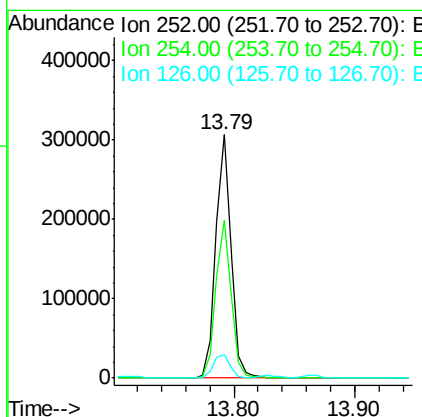
RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	252	Resp:	264195
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	9.9	8.5	12.7





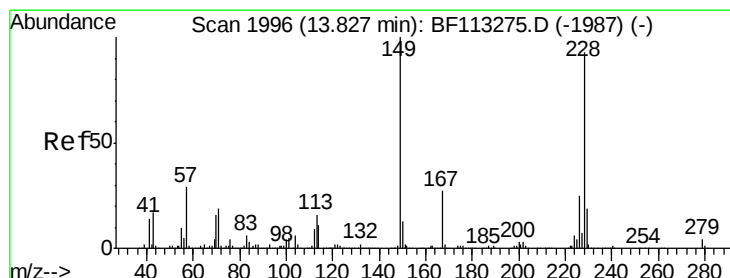
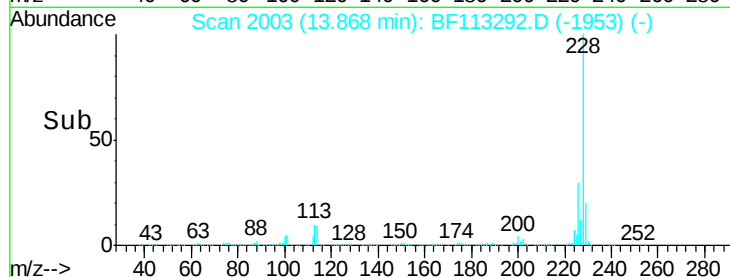
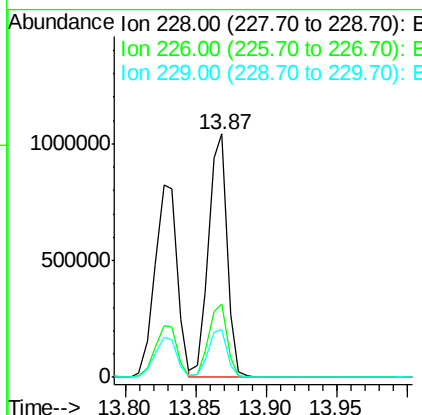
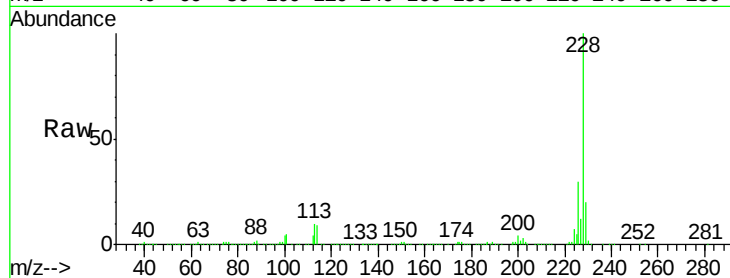
#83
Chrysene
Concen: 42.503 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	956108		
226	30.3	24.3	36.5	
229	19.8	16.3	24.5	

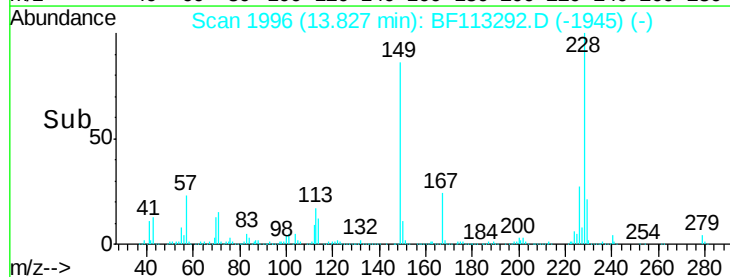
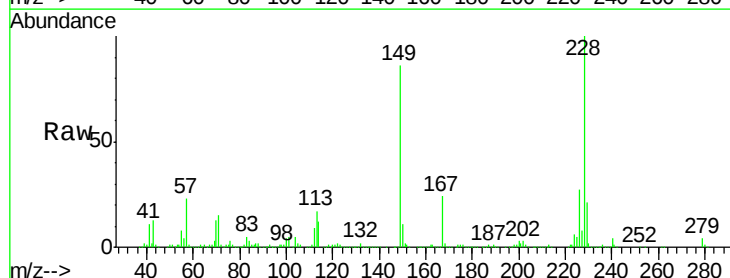
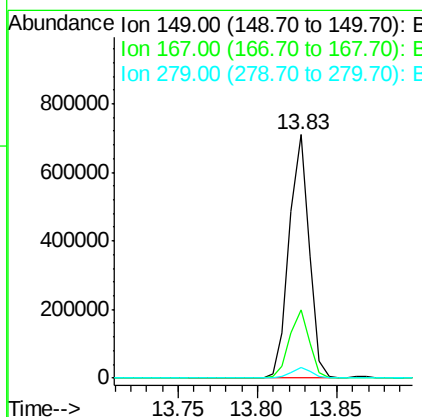
Manual Integrations
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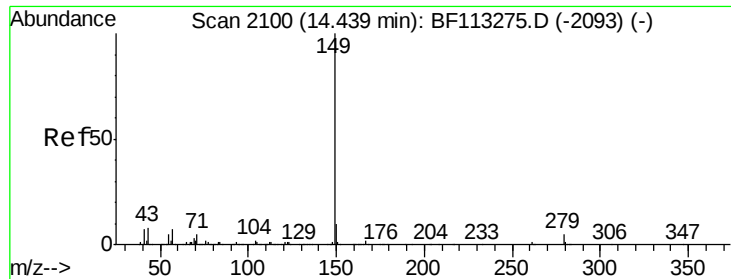
Sohil
3/27/2019 3:17:41 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.799 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	619939		
167	27.9	21.8	32.8	
279	4.3	2.9	4.3#	





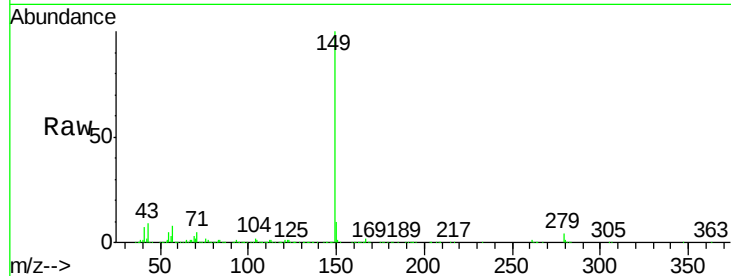
#85
Di-n-octyl phthalate
Concen: 43.551 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

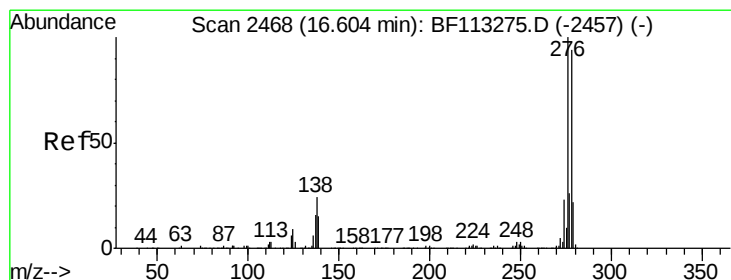
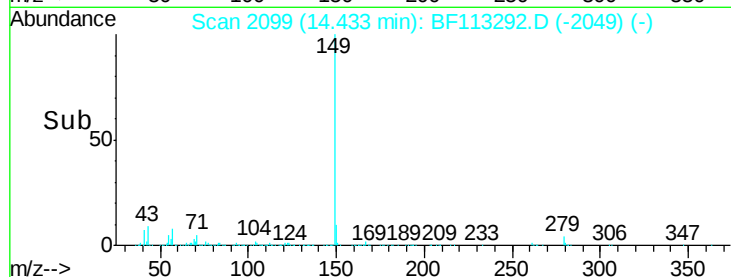
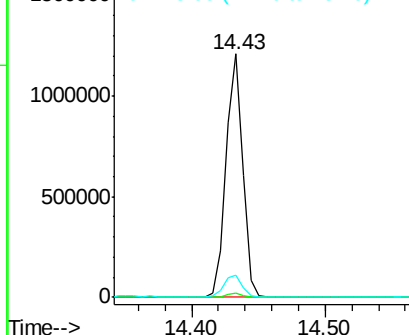
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

Manual Integrations
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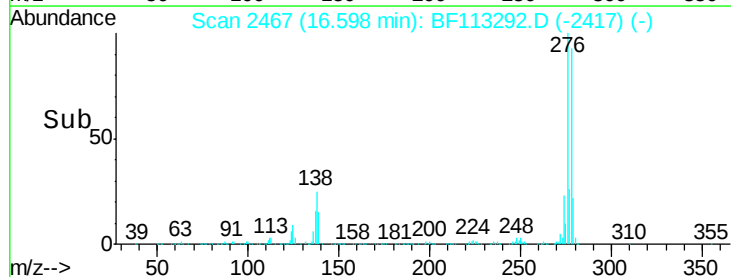
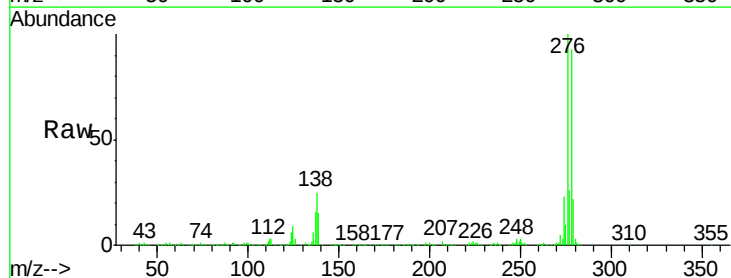
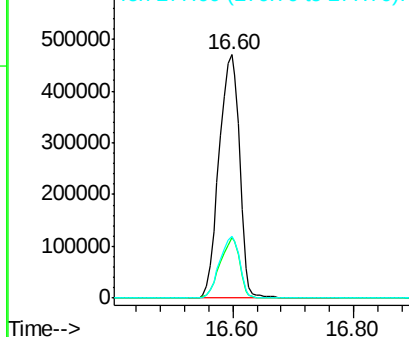
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

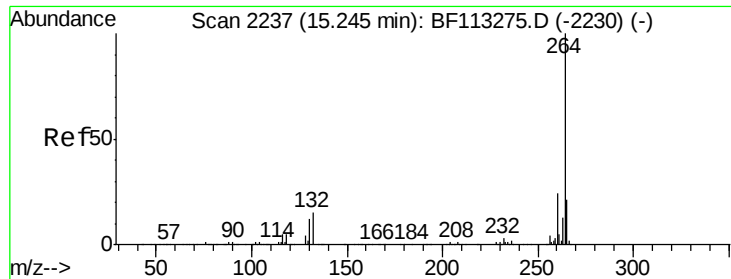


#86
Indeno(1,2,3-cd)pyrene
Concen: 57.439 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





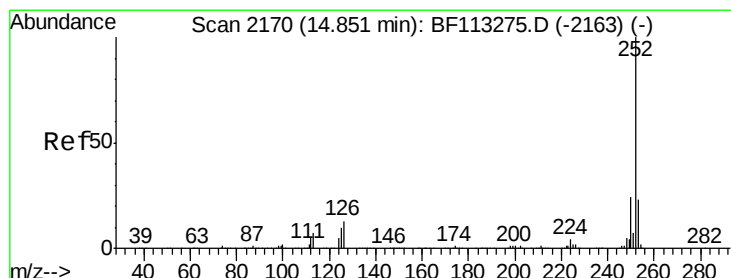
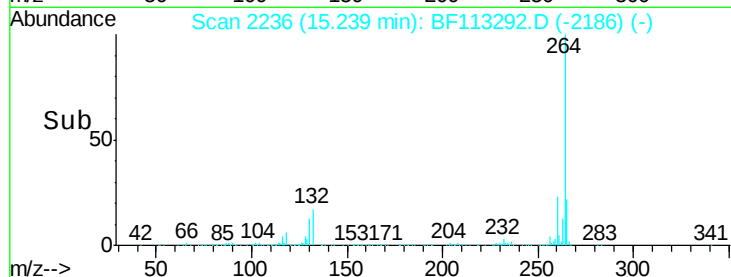
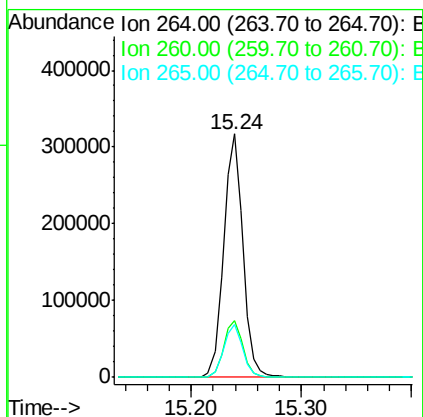
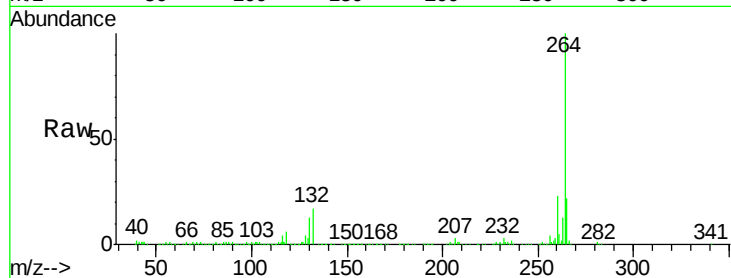
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.1	25.7

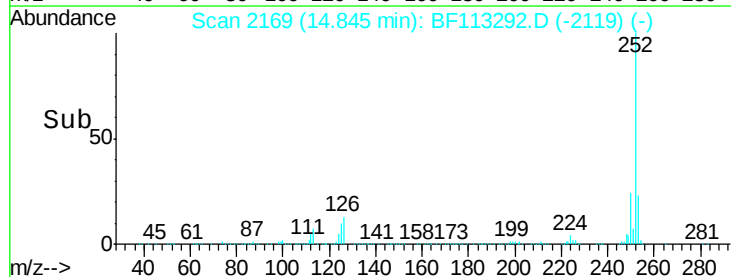
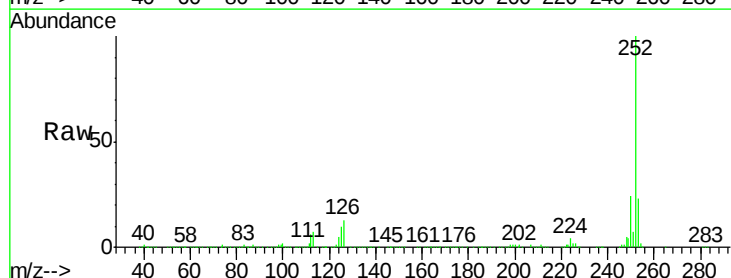
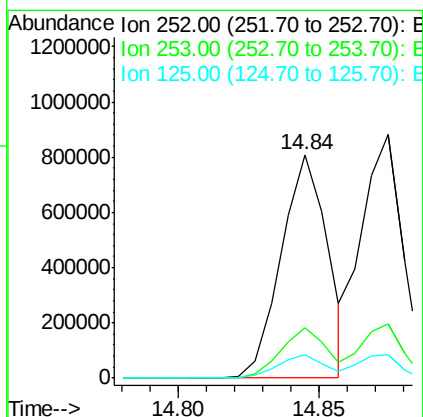
Manual Integrations
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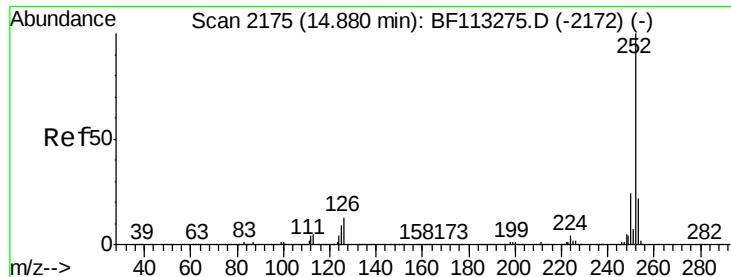
Sohil
3/27/2019 3:17:41 PM



#88
Benzo(b)fluoranthene
Concen: 38.425 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.3	7.6	11.4





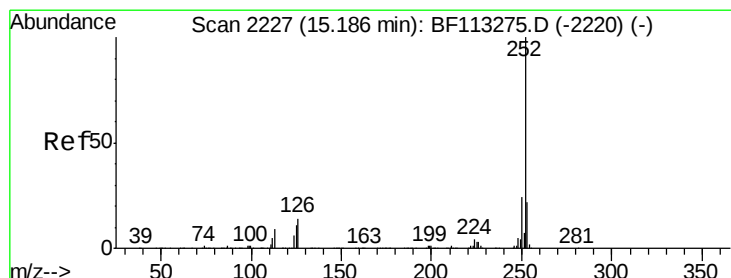
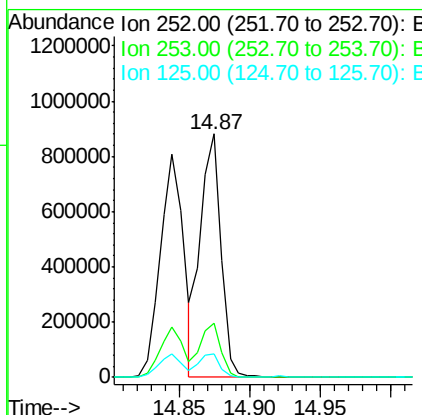
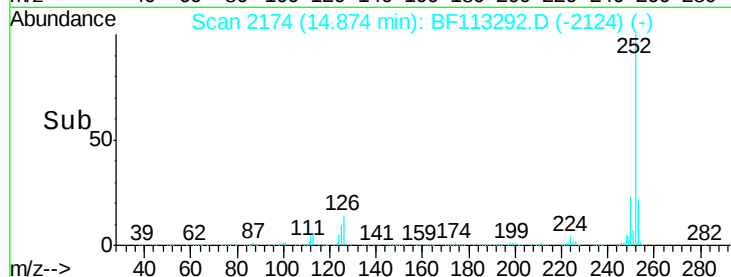
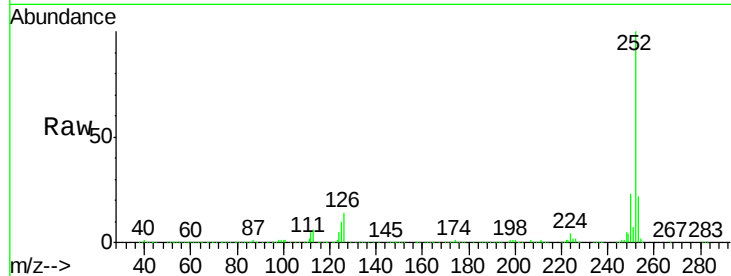
#89
Benzo(k)fluoranthene
Concen: 42.423 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.6	7.3	10.9

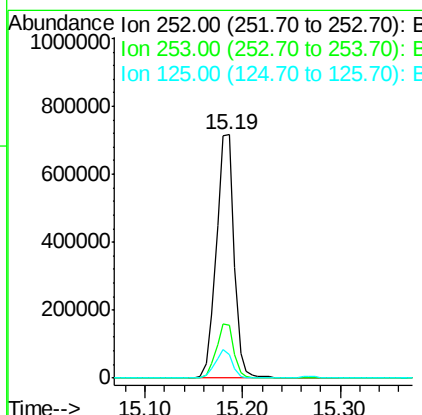
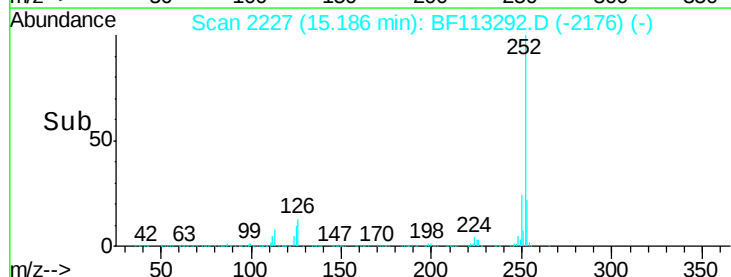
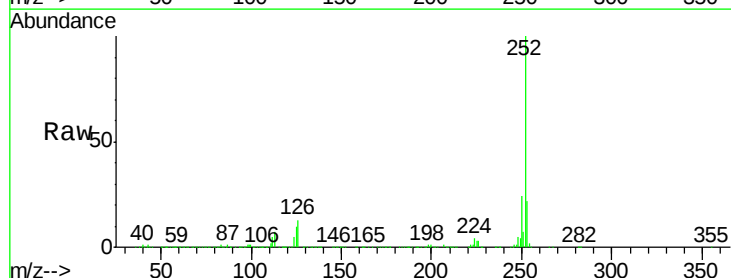
Manual Integrations
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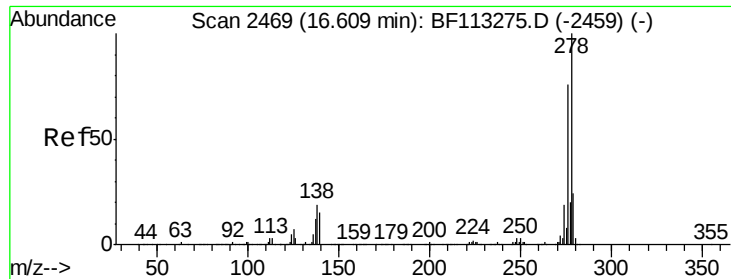
Sohil
3/27/2019 3:17:41 PM



#90
Benzo(a)pyrene
Concen: 42.620 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.8	8.8	13.2





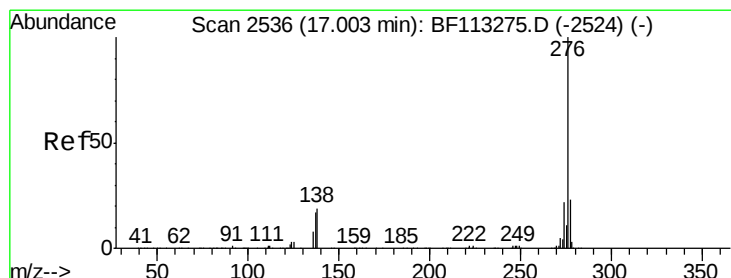
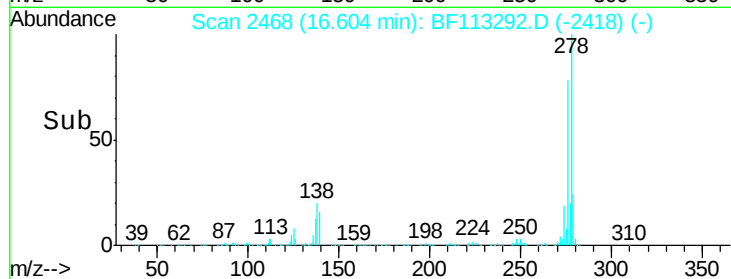
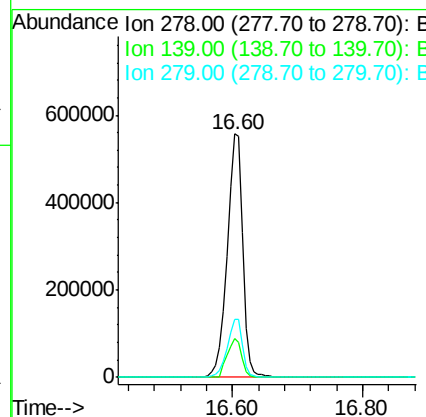
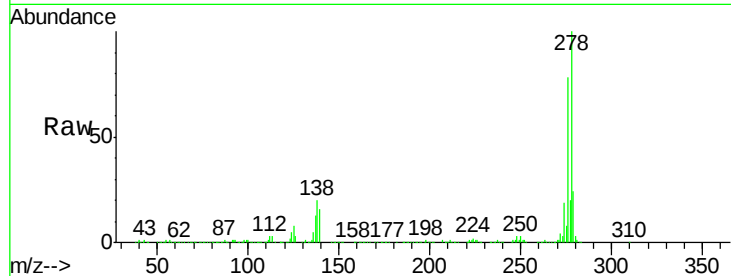
#91
Dibenzo(a,h)anthracene
Concen: 50.126 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.0	18.0
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:41 PM



#92
Benzo(g,h,i)perylene
Concen: 52.587 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.9	15.6	23.4

