

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113288.D
 Acq On : 26 Mar 2019 13:23
 Operator : JU/SJ
 Sample : PB118273BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Manual Integrations
 APPROVED

Sohil
 3/27/2019 3:17:37 PM

Quant Time: Mar 27 06:49:29 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	198605	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	763793	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	358073	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	681878	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396191	20.00	ng	0.00
87) Perylene-d12	15.24	264	353798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1267620	104.36	ng	0.02
7) Phenol-d6	6.36	99	1661893	108.16	ng	0.00
23) Nitrobenzene-d5	7.27	82	1025918	79.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	493480	111.57	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1809869	77.71	ng	0.00
79) Terphenyl-d14	12.79	244	1644668	91.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	202000	32.778	ng	100
3) Pyridine	3.19	79	469929	30.932	ng	96
4) n-Nitrosodimethylamine	3.12	42	227853	33.737	ng	94
6) Aniline	6.37	93	471190	25.181	ng	# 74
8) 2-Chlorophenol	6.49	128	506189	35.887	ng	100
9) Benzaldehyde	6.25	77	171413	16.624	ng	97
10) Phenol	6.37	94	600212	34.216	ng	91
11) bis(2-Chloroethyl)ether	6.45	93	476939	35.469	ng	100
12) 1,3-Dichlorobenzene	6.65	146	544684	35.825	ng	98
13) 1,4-Dichlorobenzene	6.72	146	567069	38.629	ng	99
14) 1,2-Dichlorobenzene	6.87	146	520145	36.015	ng	97
15) Benzyl Alcohol	6.85	79	393741	38.842	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	772292	38.232	ng	96
17) 2-Methylphenol	6.97	107	446325	40.377	ng	98
18) Hexachloroethane	7.22	117	203791	38.650	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	345091	35.754	ng	97
20) 3+4-Methylphenols	7.13	107	523275	40.458	ng	96
22) Acetophenone	7.12	105	708014	40.647	ng	# 99
24) Nitrobenzene	7.29	77	552702	41.159	ng	97
25) Isophorone	7.53	82	1000201	40.107	ng	97
26) 2-Nitrophenol	7.60	139	293773	41.388	ng	95
27) 2,4-Dimethylphenol	7.65	122	473311	46.356	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	620446	39.507	ng	99
29) 2,4-Dichlorophenol	7.85	162	451280	40.786	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	486668	40.767	ng	99
31) Naphthalene	8.01	128	1504416	40.306	ng	100
32) Benzoic acid	7.78	122	186891	22.739	ng	98
33) 4-Chloroaniline	8.06	127	414220	28.460	ng	99
34) Hexachlorobutadiene	8.13	225	285567	40.248	ng	98
35) Caprolactam	8.43	113	143412m	40.385	ng	
36) 4-Chloro-3-methylphenol	8.56	107	455249	40.907	ng	100
37) 2-Methylnaphthalene	8.70	142	996760	42.799	ng	99
38) 1-Methylnaphthalene	8.80	142	940146	41.969	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	456730	39.736	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	381646	78.445	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	303084	40.493	ng	96
44) 2,4,5-Trichlorophenol	9.03	196	327816	39.575	ng	98
46) 1,1'-Biphenyl	9.16	154	1174286	39.266	ng	99
47) 2-Chloronaphthalene	9.19	162	906404	39.364	ng	100
48) 2-Nitroaniline	9.29	65	287267	39.754	ng	94
49) Acenaphthylene	9.60	152	1443573	38.773	ng	100
50) Dimethylphthalate	9.47	163	1051371	39.620	ng	100
51) 2,6-Dinitrotoluene	9.53	165	236482	39.503	ng	94
52) Acenaphthene	9.77	154	826163	39.403	ng	99
53) 3-Nitroaniline	9.69	138	199996	29.624	ng	92
54) 2,4-Dinitrophenol	9.81	184	163558	54.932	ng	# 88
55) Dibenzofuran	9.95	168	1246026	39.531	ng	98
56) 4-Nitrophenol	9.87	139	347845	72.271	ng	96
57) 2,4-Dinitrotoluene	9.93	165	296632	38.964	ng	97
58) Fluorene	10.29	166	925769	37.808	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	283582	40.484	ng	100
60) Diethylphthalate	10.16	149	1015410	39.007	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	462432	38.749	ng	97
62) 4-Nitroaniline	10.31	138	264428	38.043	ng	98
63) Azobenzene	10.43	77	952096	38.854	ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	121655	32.614	ng	92
66) n-Nitrosodiphenylamine	10.40	169	860308	41.117	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	303259	40.805	ng	96
68) Hexachlorobenzene	10.83	284	351313	40.725	ng	96
69) Atrazine	10.92	200	256032	38.768	ng	96
70) Pentachlorophenol	11.03	266	311345	69.273	ng	99
71) Phenanthrene	11.24	178	1342602	39.649	ng	100
72) Anthracene	11.29	178	1389791	40.407	ng	99
73) Carbazole	11.45	167	1296069	39.490	ng	99
74) Di-n-butylphthalate	11.78	149	1503761	39.511	ng	100
75) Fluoranthene	12.42	202	1335555	34.889	ng	99
77) Benzidine	12.54	184	401406	26.457	ng	98
78) Pyrene	12.65	202	1320966	48.114	ng	99
80) Butylbenzylphthalate	13.26	149	541536	44.757	ng	98
81) Benzo(a)anthracene	13.83	228	874778	38.573	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	261854	28.782	ng	100
83) Chrysene	13.87	228	907521	39.397	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	600450	40.481	ng	98
85) Di-n-octyl phthalate	14.43	149	1001168	39.764	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1039501	52.581	ng	98
88) Benzo(b)fluoranthene	14.84	252	851016	38.722	ng	99
89) Benzo(k)fluoranthene	14.87	252	834522	43.238	ng	99
90) Benzo(a)pyrene	15.19	252	860240	44.151	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	874209	51.890	ng	98
92) Benzo(g,h,i)perylene	17.00	276	917670	54.022	ng	99

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

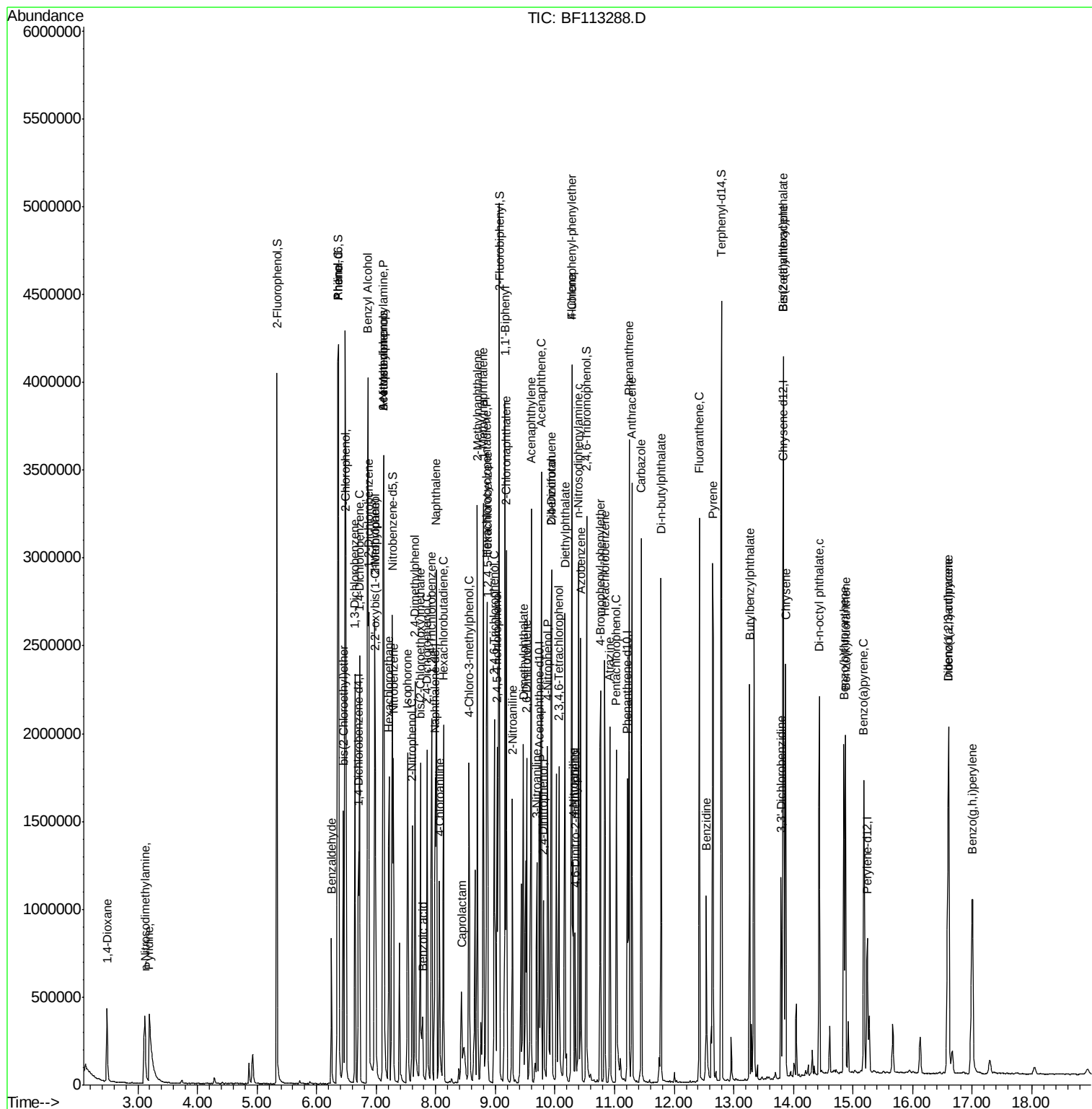
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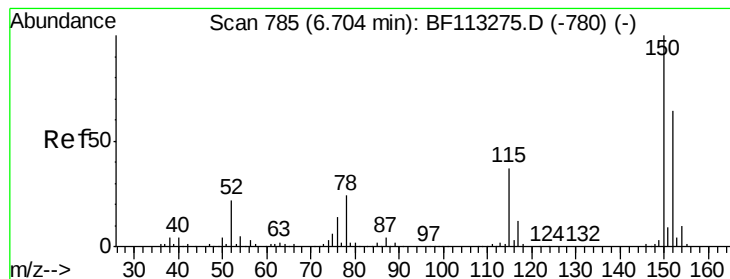
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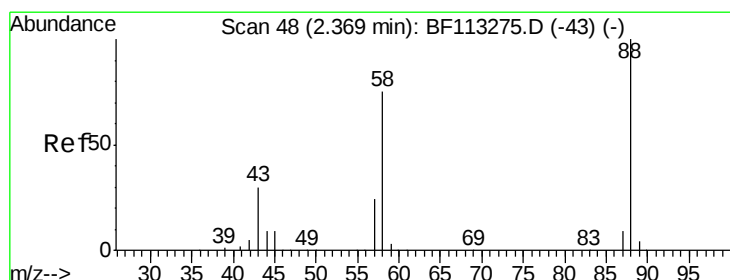
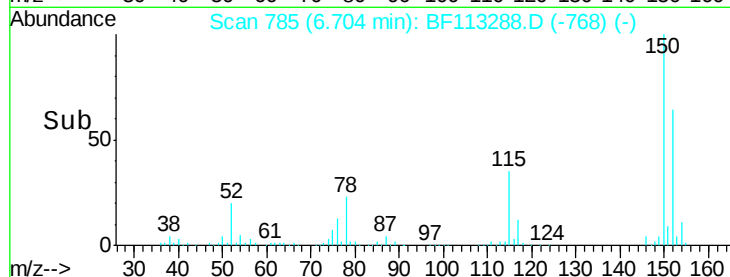
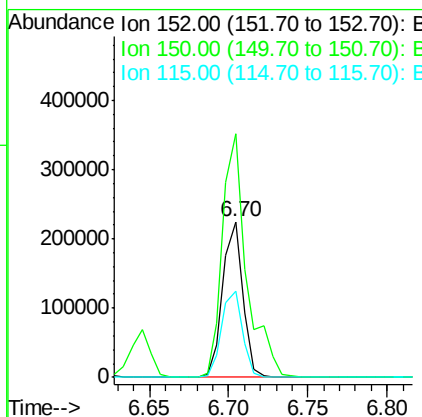
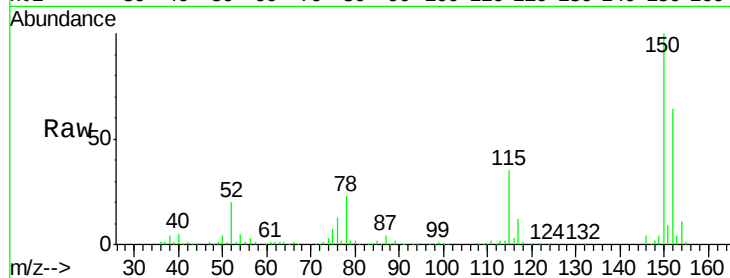
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	55.3	46.0	69.0

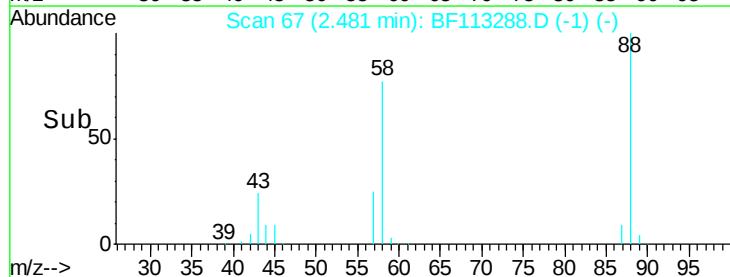
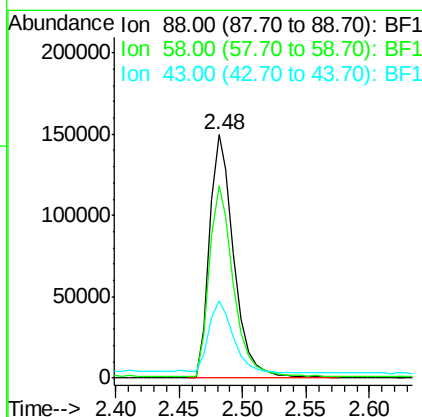
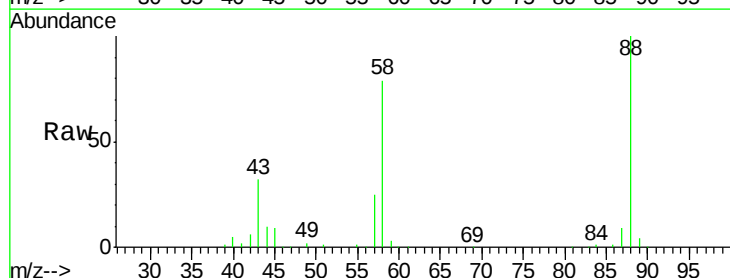
Manual Integrations
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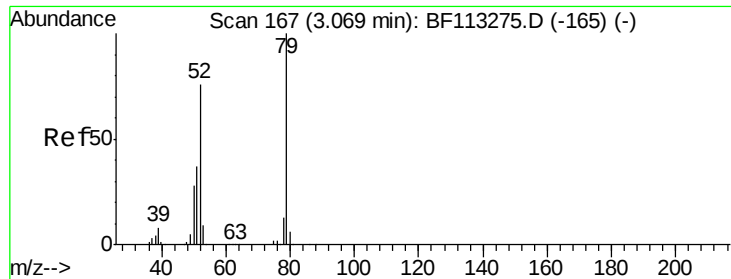
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#2
 1,4-Dioxane
 Concen: 32.778 ng
 RT: 2.48 min Scan# 67
 Delta R.T. 0.11 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	61.9	92.9
43	30.3	24.2	36.4





#3

Pyridine

Concen: 30.932 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.12 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

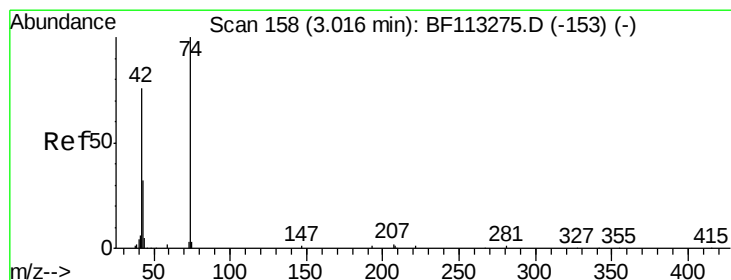
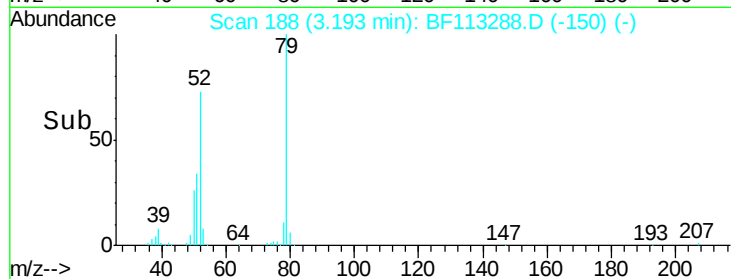
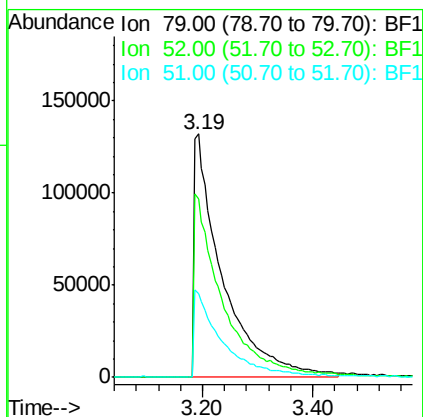
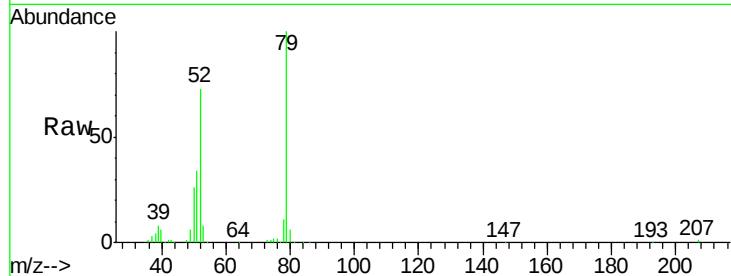
ClientSampleId :

PB118273BS

Tgt Ion:	79	Resp:	469929
Ion Ratio	Lower	Upper	
79	100		
52	73.3	61.0	91.4
51	34.5	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 33.737 ng

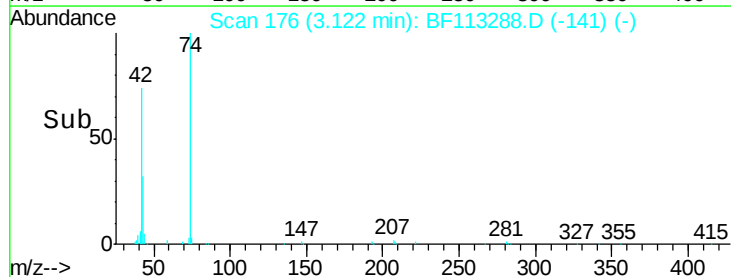
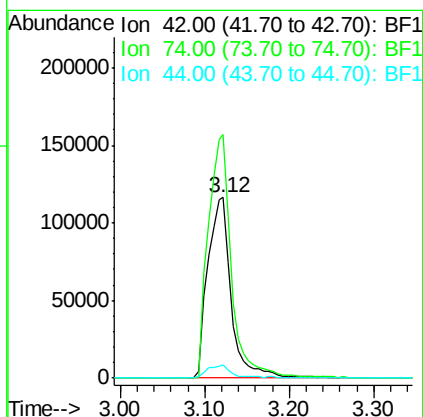
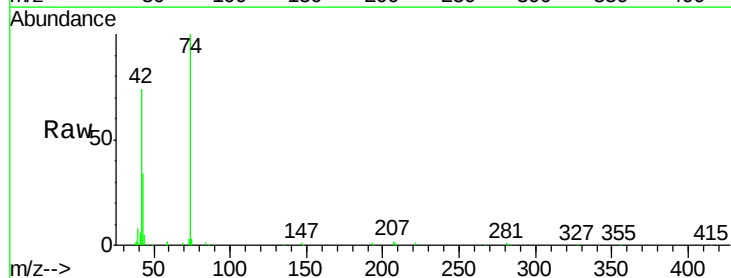
RT: 3.12 min Scan# 176

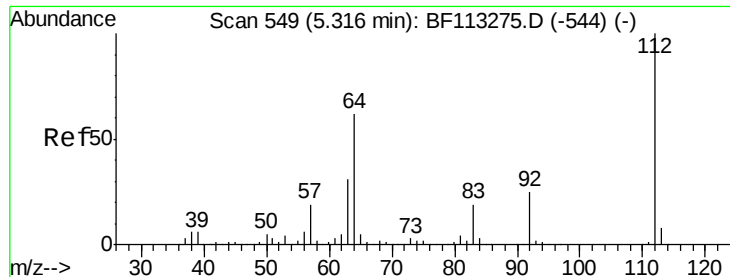
Delta R.T. 0.11 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:	42	Resp:	227853
Ion Ratio	Lower	Upper	
42	100		
74	134.9	102.4	153.6
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 104.364 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

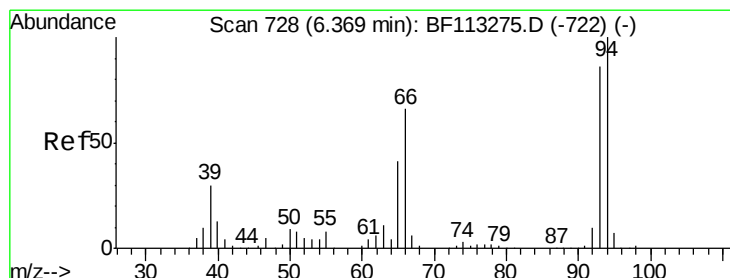
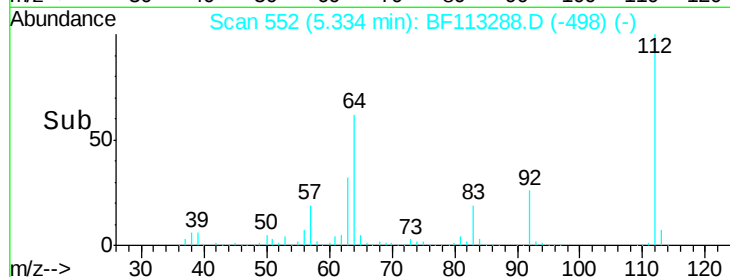
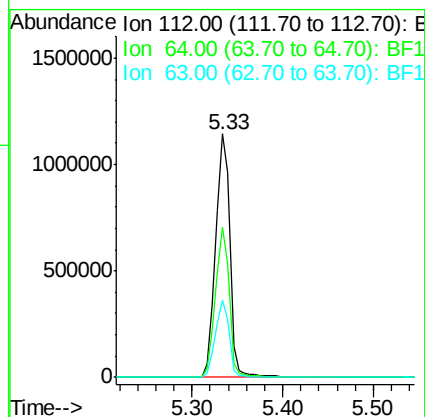
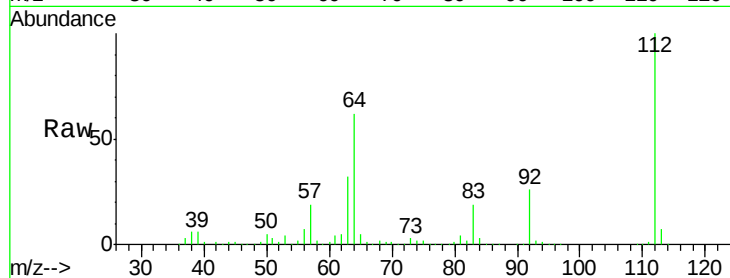
ClientSampleId :

PB118273BS

Tgt Ion:	112	Resp:	1267620
Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.2	73.8
63	31.5	24.9	37.3

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#6

Aniline

Concen: 25.181 ng

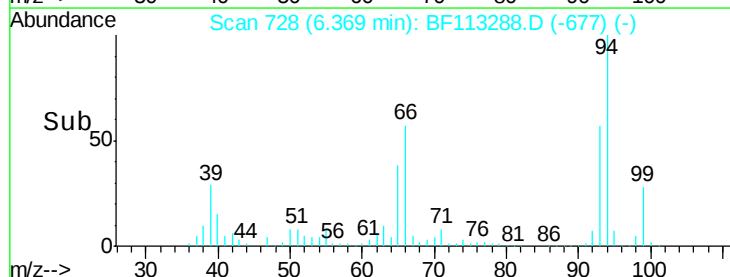
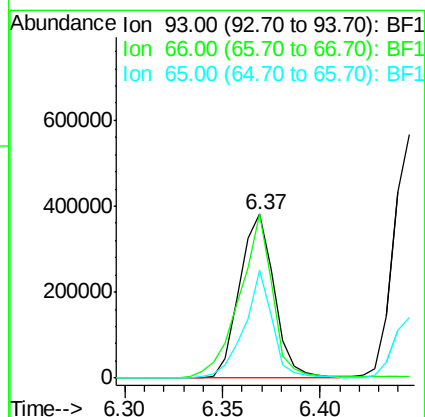
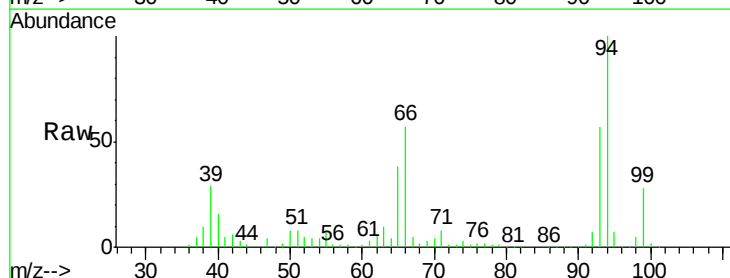
RT: 6.37 min Scan# 728

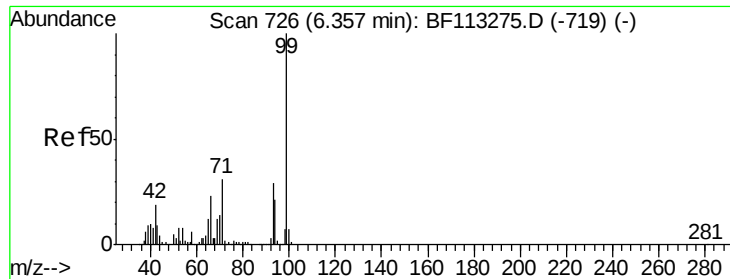
Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:	93	Resp:	471190
Ion	Ratio	Lower	Upper
93	100		
66	100.7	62.1	93.1#
65	65.8	38.7	58.1#





#7

Phenol-d6

Concen: 108.157 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion: 99 Resp: 1661893

Ion Ratio Lower Upper

99 100

42 18.9 14.8 22.2

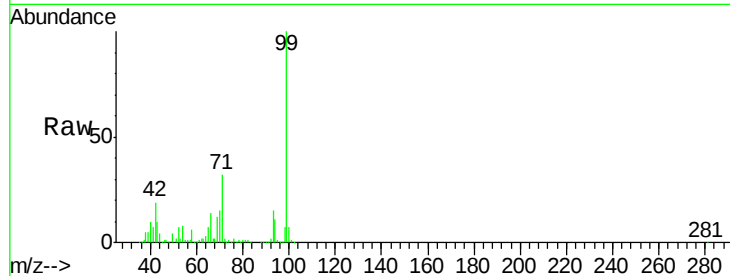
71 32.4 24.9 37.3

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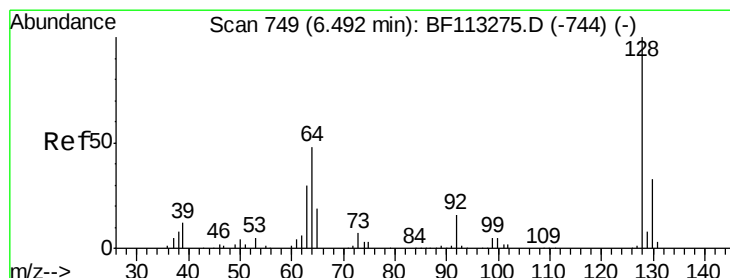
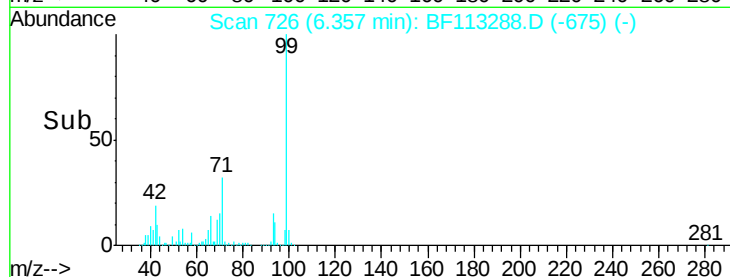
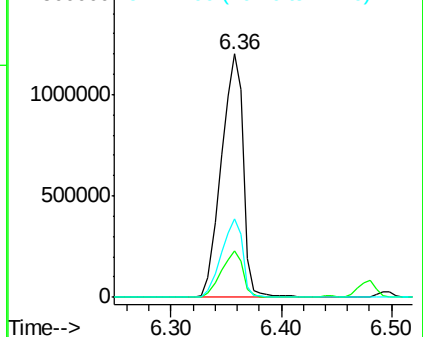
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.887 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

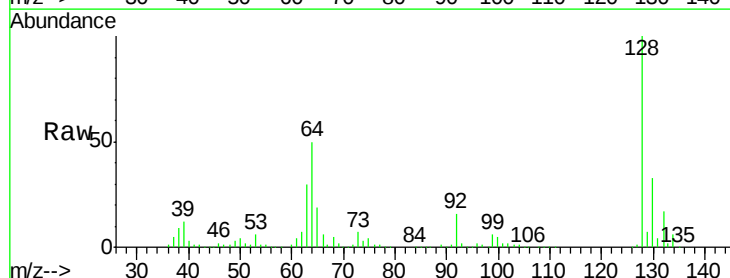
Tgt Ion: 128 Resp: 506189

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

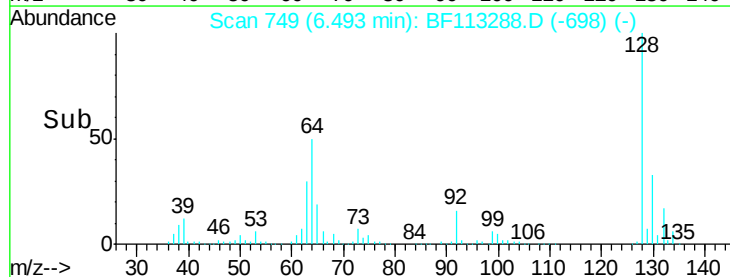
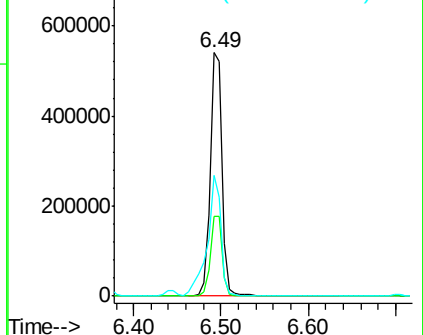
64 49.6 29.4 69.4

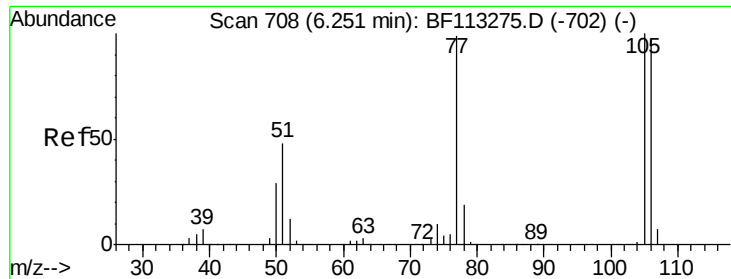


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





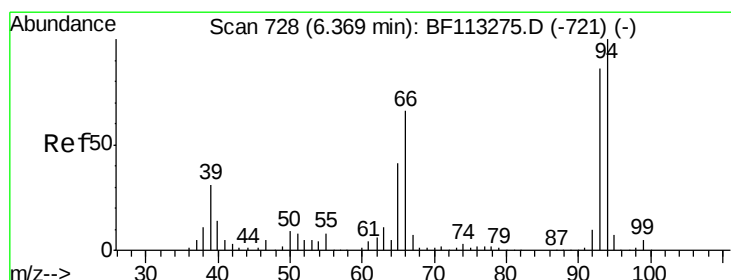
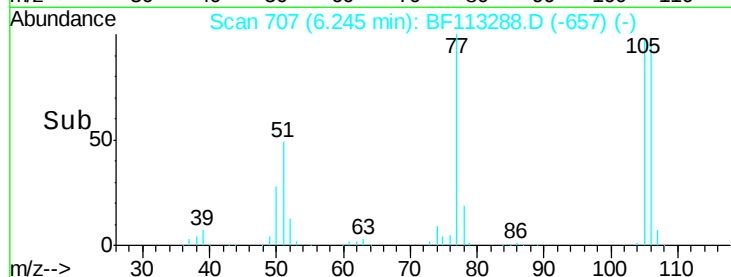
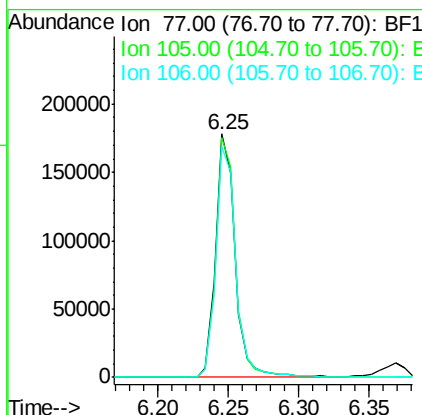
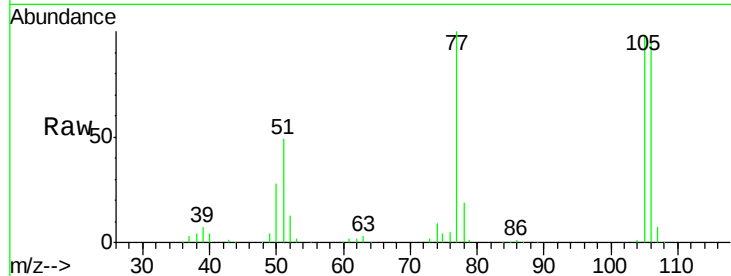
#9
Benzaldehyde
Concen: 16.624 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion: 77 Resp: 171413
Ion Ratio Lower Upper
77 100
105 98.2 80.9 120.9
106 94.9 77.8 117.8

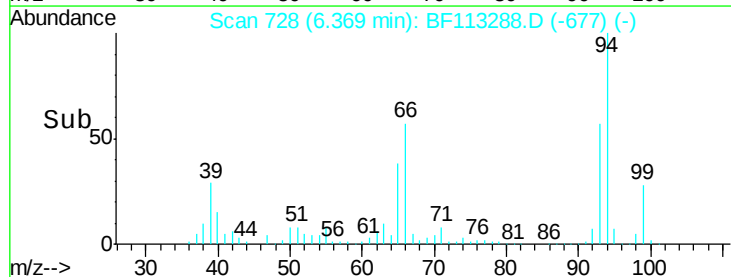
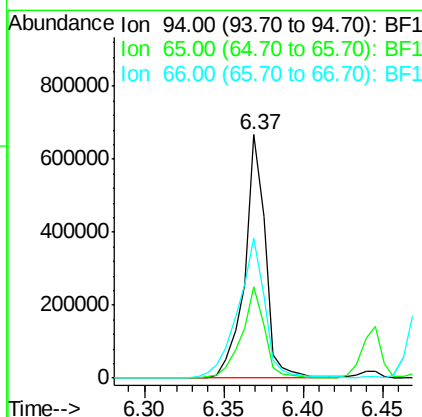
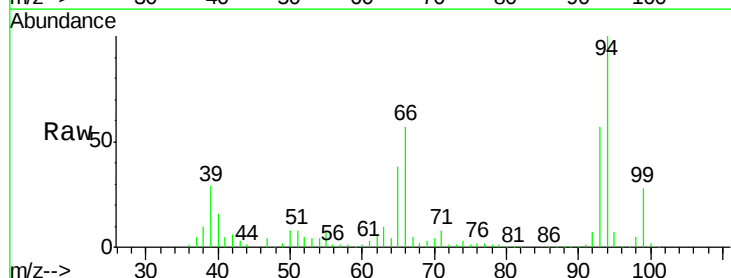
Manual Integrations
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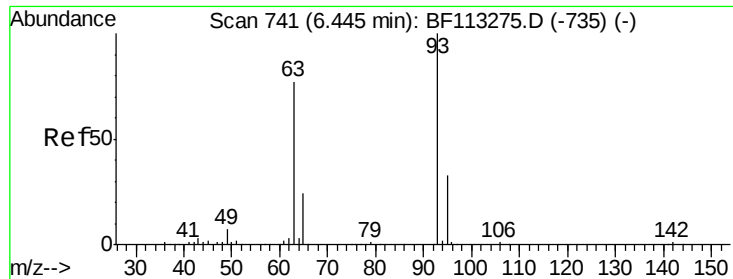
Sohil
3/27/2019 3:17:37 PM



#10
Phenol
Concen: 34.216 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 94 Resp: 600212
Ion Ratio Lower Upper
94 100
65 37.5 21.4 61.4
66 57.4 46.4 86.4





#11

bis(2-Chloroethyl)ether

Concen: 35.469 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion: 93 Resp: 476939
Ion Ratio Lower Upper

93 100

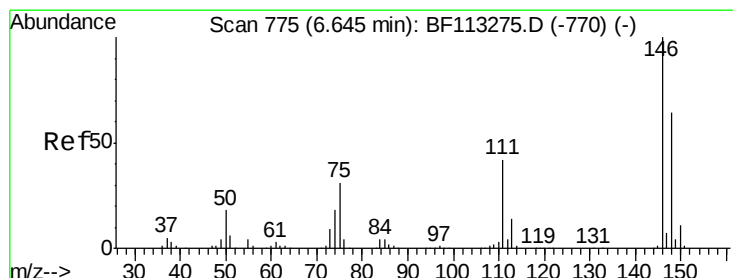
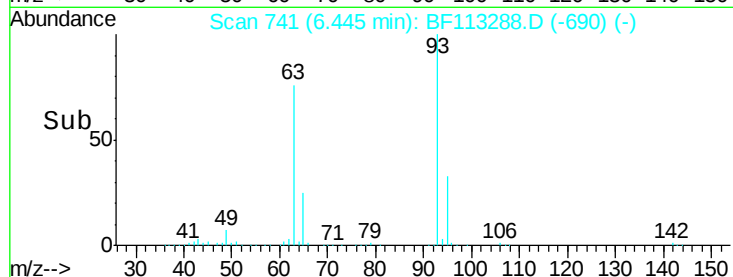
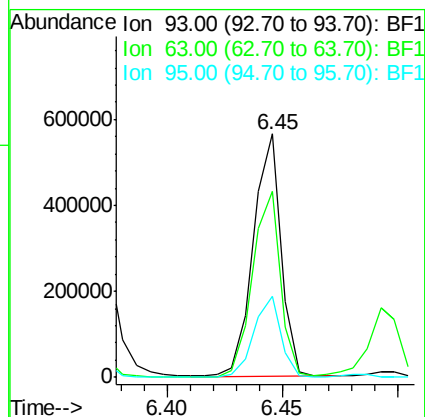
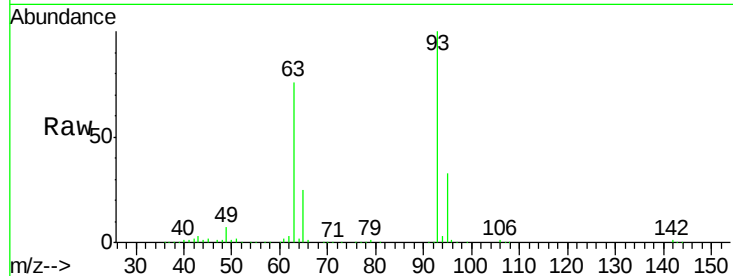
63 76.3 56.1 96.1

95 33.5 12.8 52.8

Manual Integrations
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Sohil

3/27/2019 3:17:37 PM



#12

1,3-Dichlorobenzene

Concen: 35.825 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113288.D

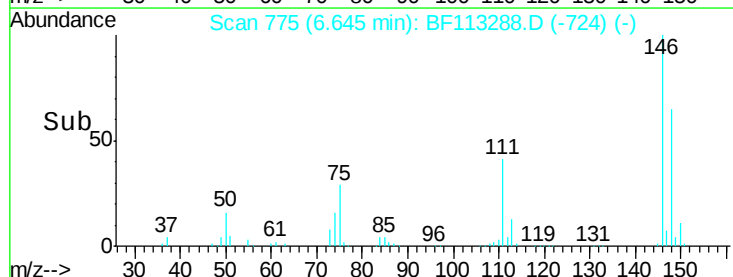
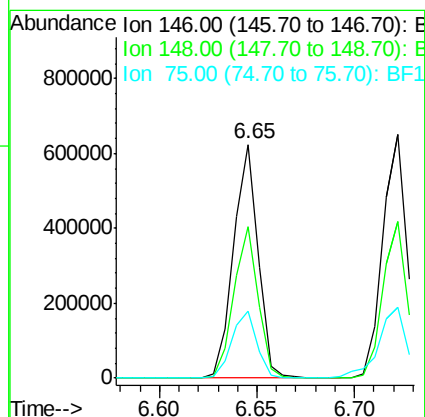
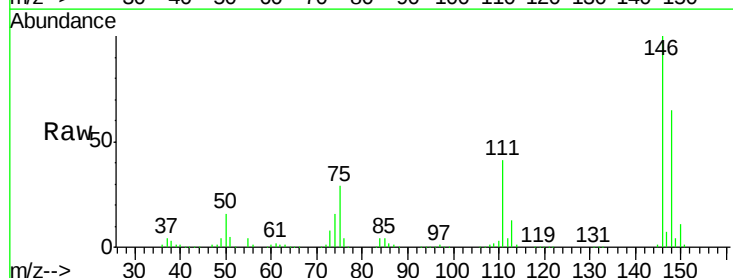
Acq: 26 Mar 2019 13:23

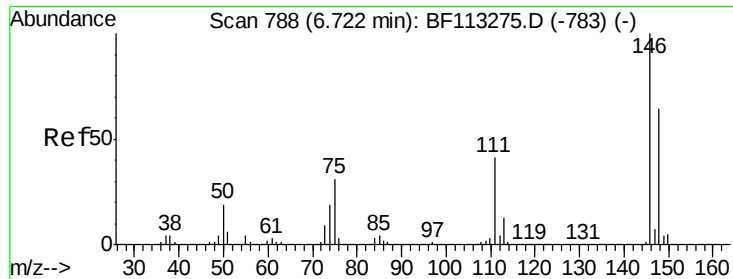
Tgt Ion: 146 Resp: 544684
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

75 28.7 24.8 37.2





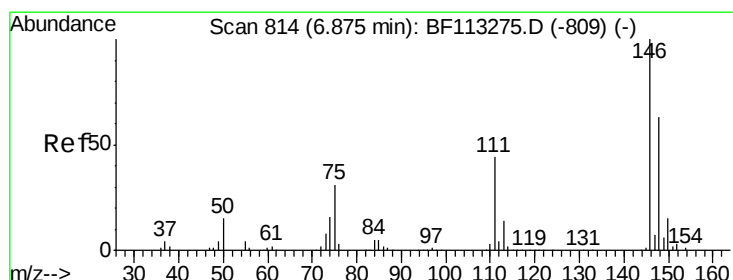
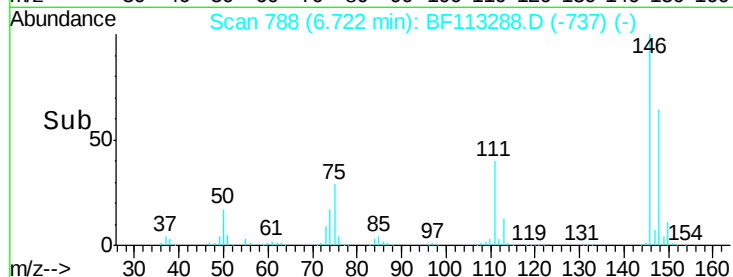
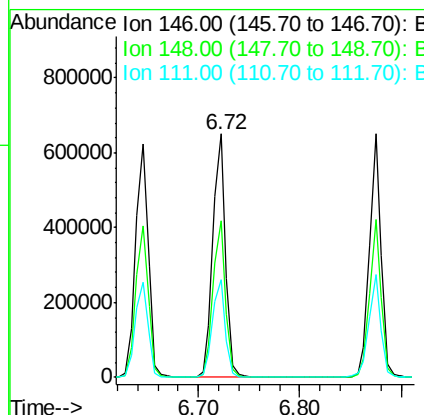
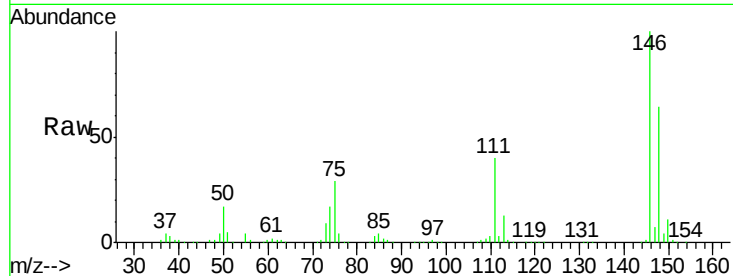
#13
 1,4-Dichlorobenzene
 Concen: 38.629 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :
 PB118273BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	40.0	32.8	49.2

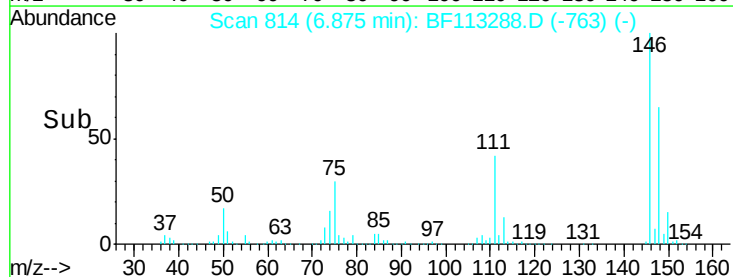
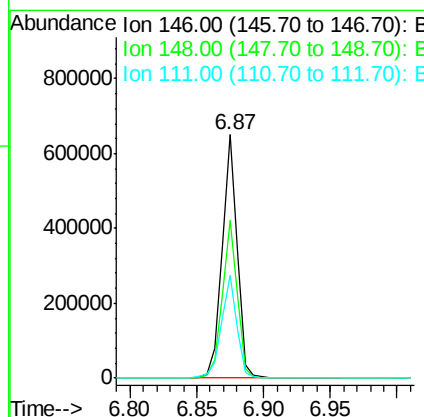
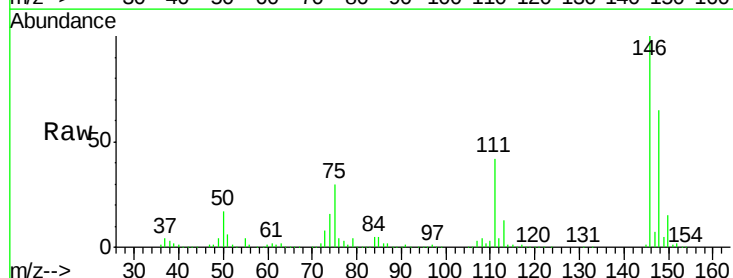
Manual Integrations
 APPROVED

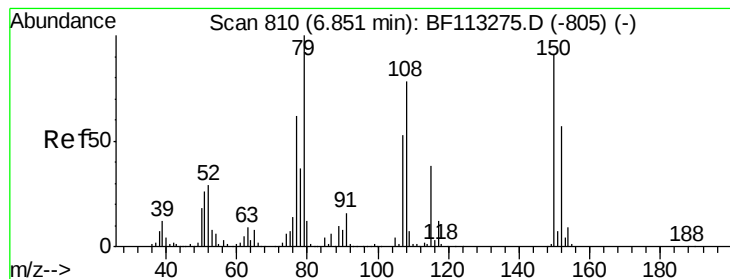
Sohil
 3/27/2019 3:17:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.015 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
111	42.3	35.4	53.2





#15

Benzyl Alcohol

Concen: 38.842 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion: 79 Resp: 393741

Ion Ratio Lower Upper

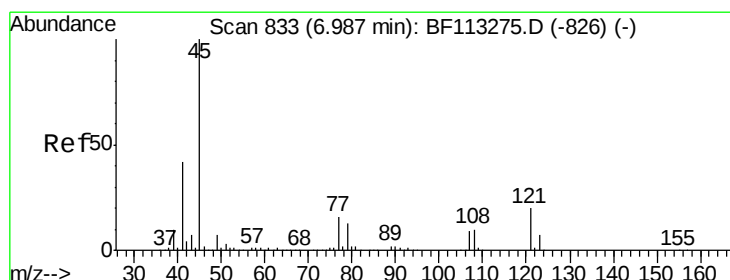
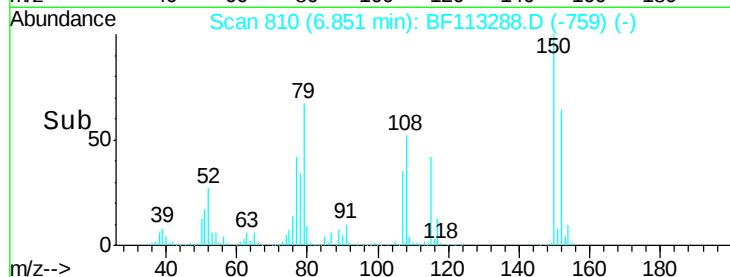
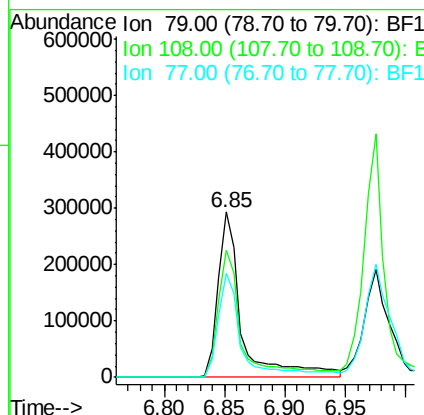
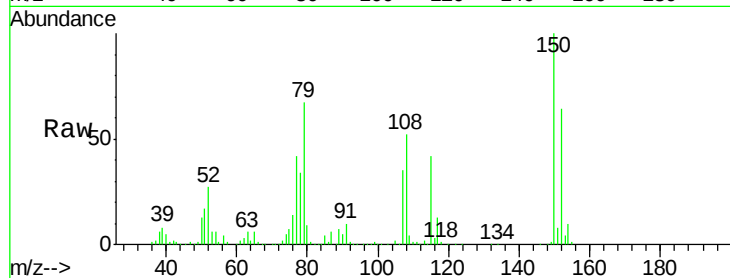
79 100

108 77.1 62.0 93.0

77 62.8 49.9 74.9

Manual Integrations
APPROVED

Sohil
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.232 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

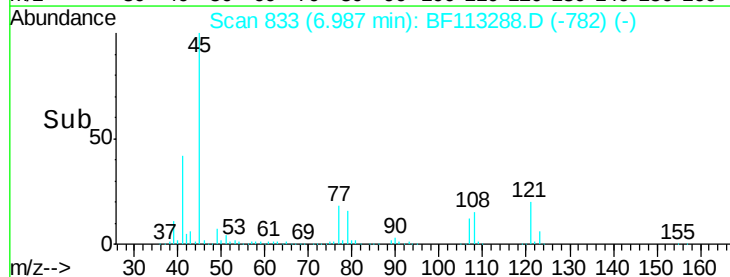
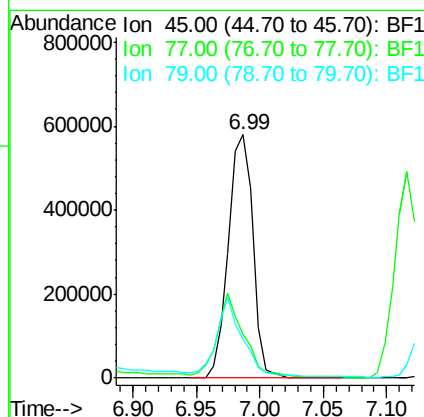
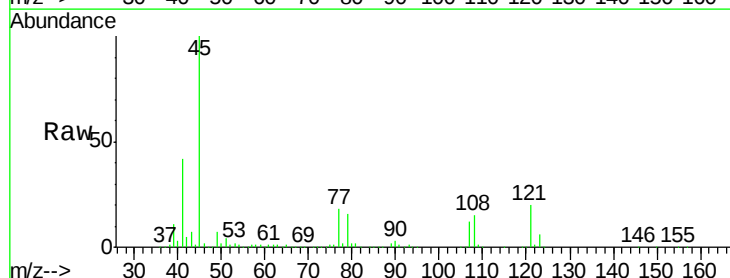
Tgt Ion: 45 Resp: 772292

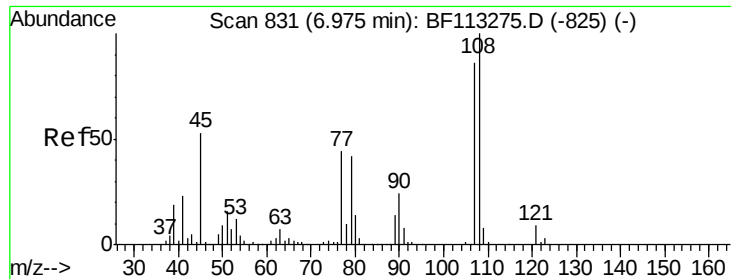
Ion Ratio Lower Upper

45 100

77 18.1 0.0 36.6

79 15.7 0.0 34.0





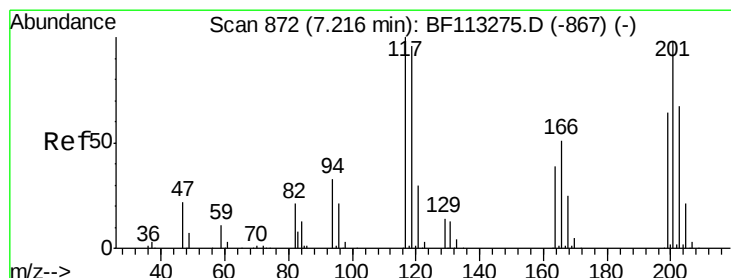
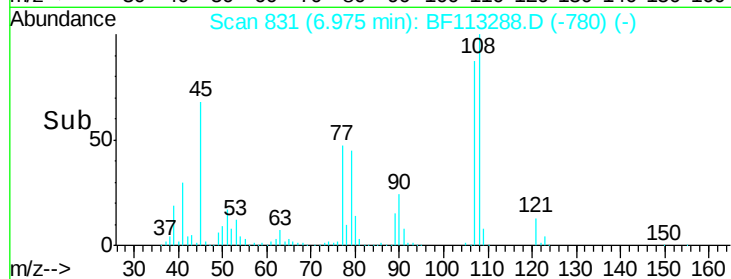
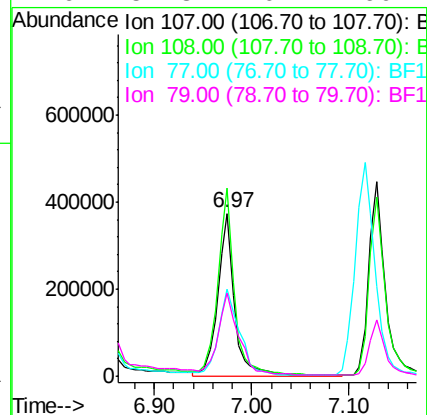
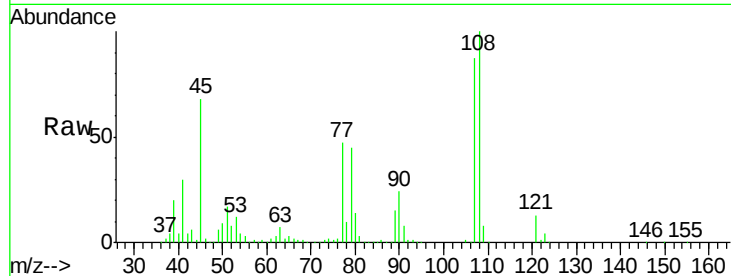
#17
2-Methylphenol
Concen: 40.377 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	446325		
108	115.3	93.4	140.0	
77	53.6	41.2	61.8	
79	51.3	40.1	60.1	

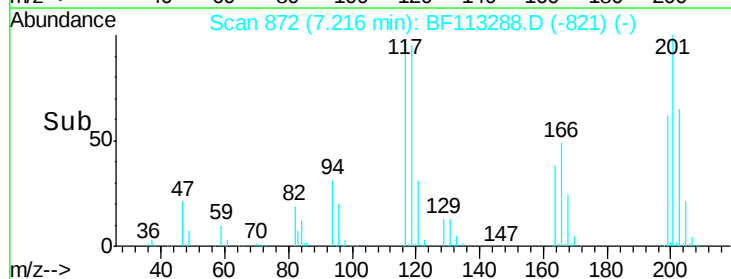
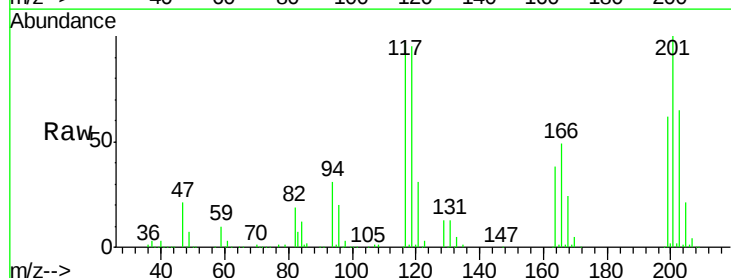
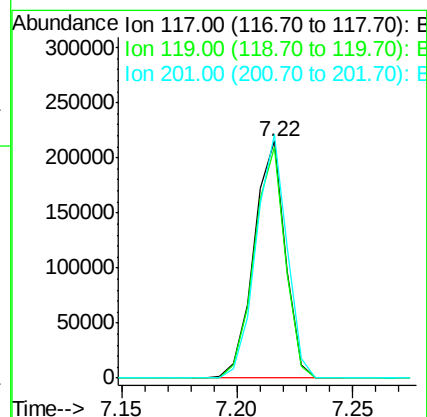
Manual Integrations
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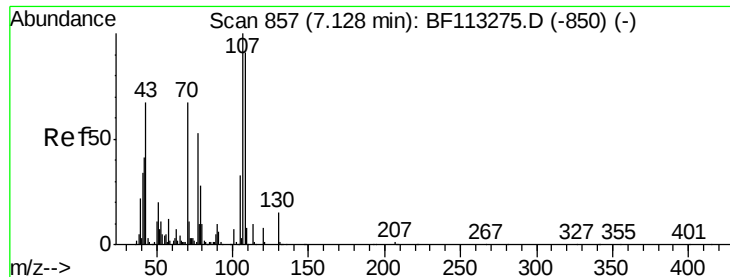
Sohil
3/27/2019 3:17:37 PM



#18
Hexachloroethane
Concen: 38.650 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203791		
119	97.1	76.9	115.3	
201	102.7	78.7	118.1	





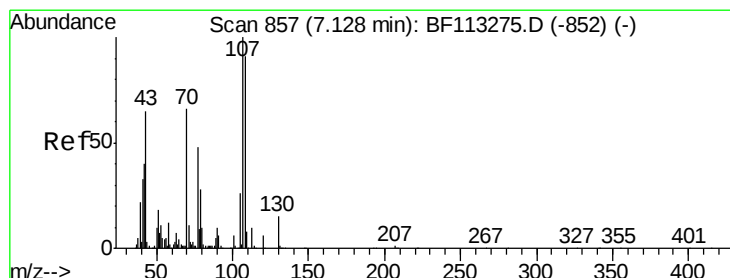
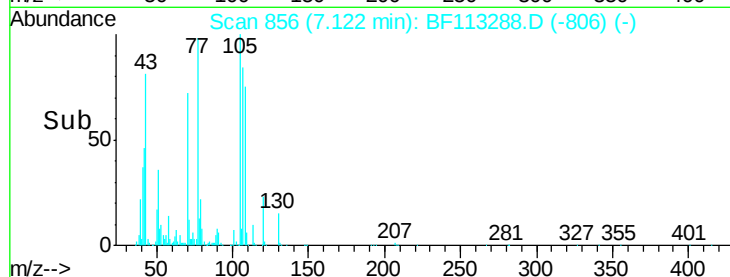
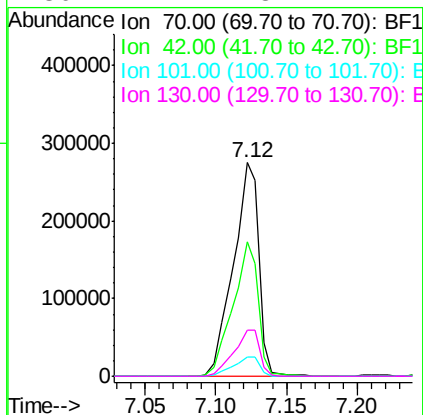
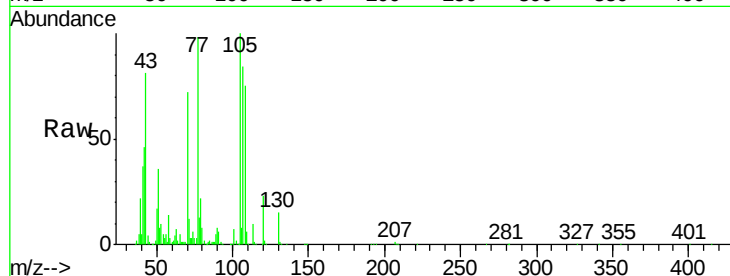
#19
n-Nitroso-di-n-propylamine
Concen: 35.754 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.0	48.4	72.6
101	9.1	7.8	11.8
130	21.4	18.2	27.4

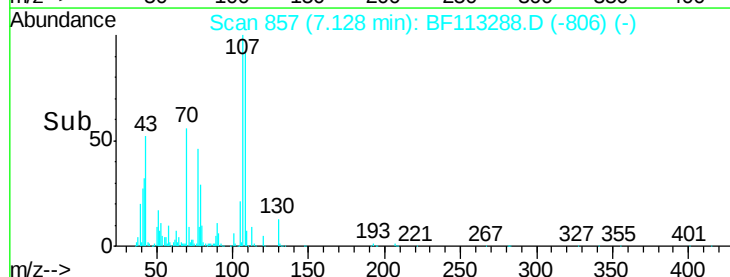
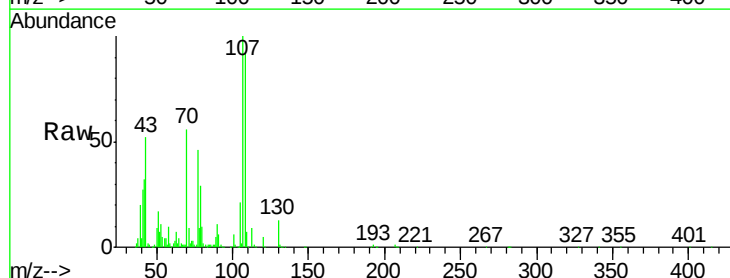
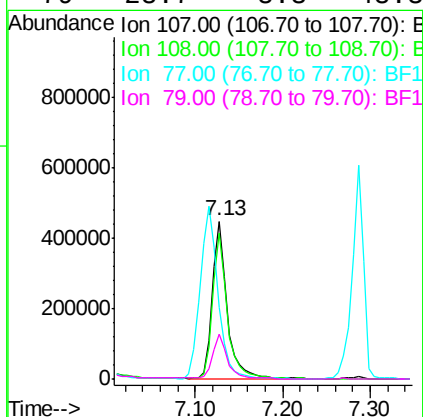
Manual Integrations
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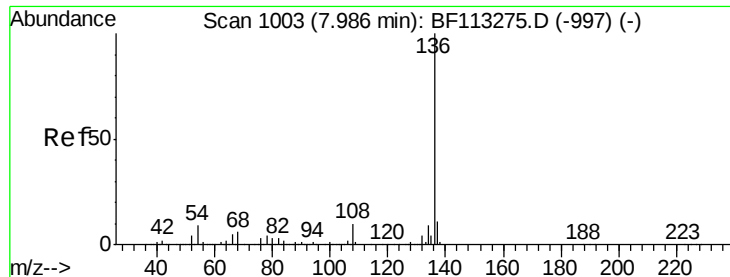
Sohil
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#20
3+4-Methylphenols
Concen: 40.458 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.4	111.4
77	45.7	33.5	73.5
79	28.7	8.3	48.3





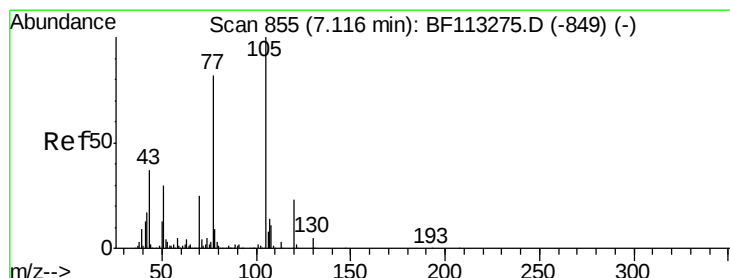
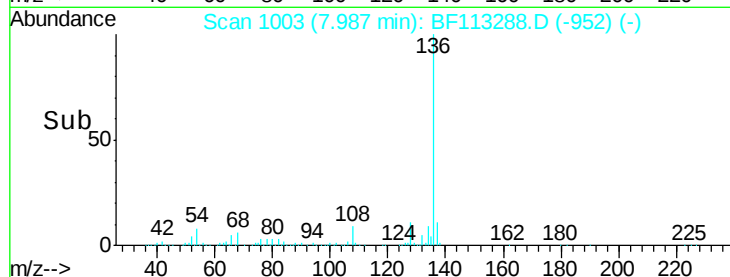
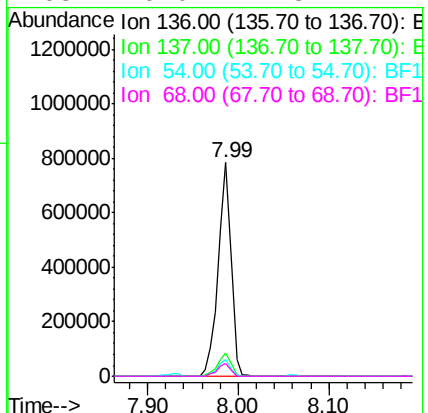
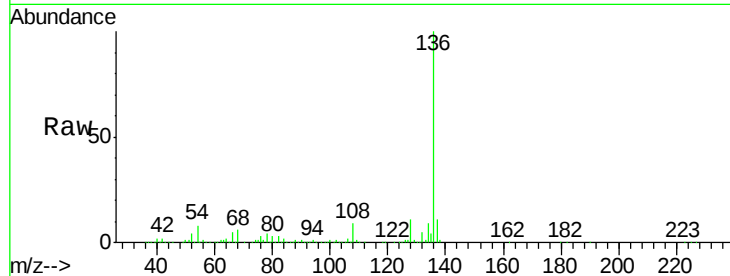
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	763793		
137	11.1	8.9	13.3	
54	8.0	7.0	10.6	
68	6.0	4.8	7.2	

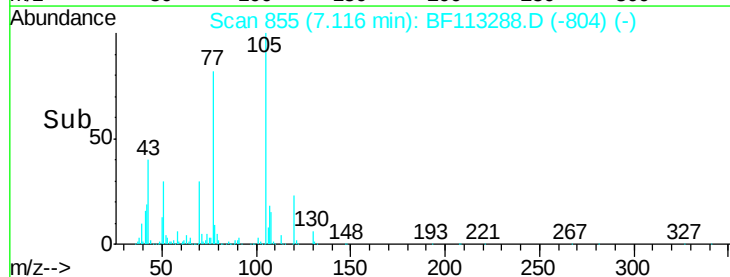
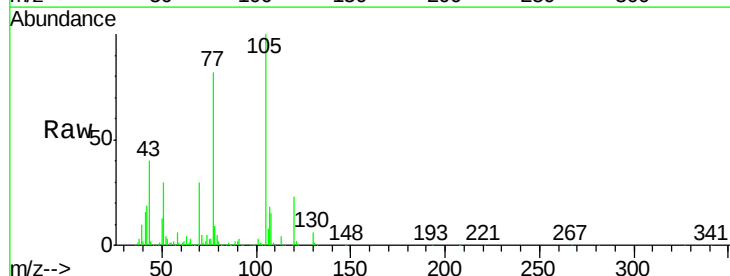
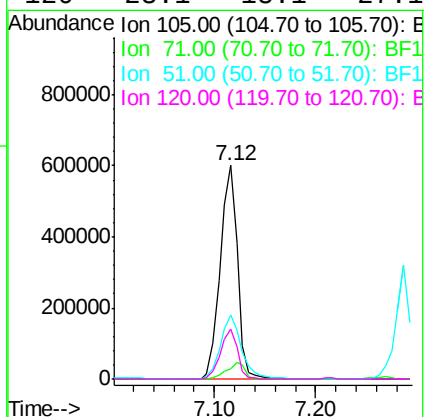
Manual Integrations
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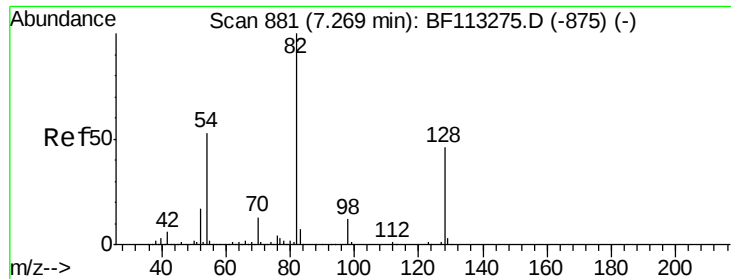
Sohil
3/27/2019 3:17:37 PM



#22
Acetophenone
Concen: 40.647 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	708014		
71	5.0	3.3	4.9#	
51	29.9	24.2	36.2	
120	23.1	18.1	27.1	





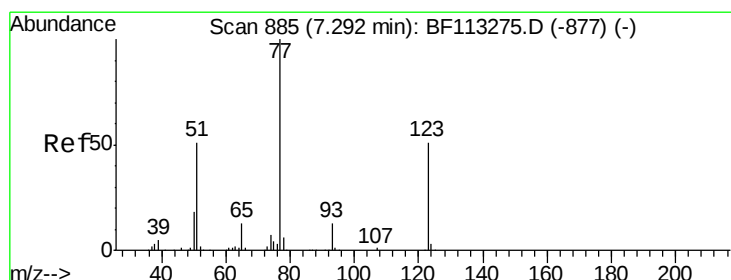
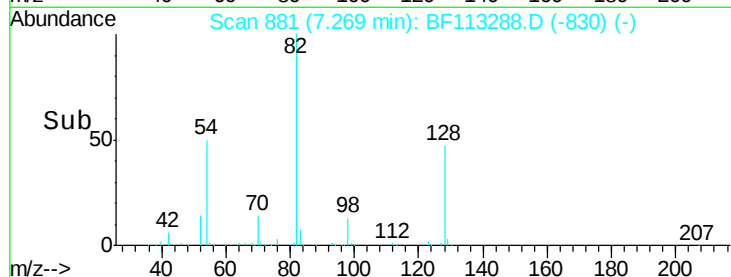
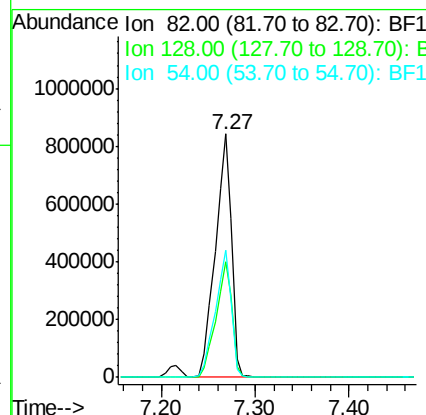
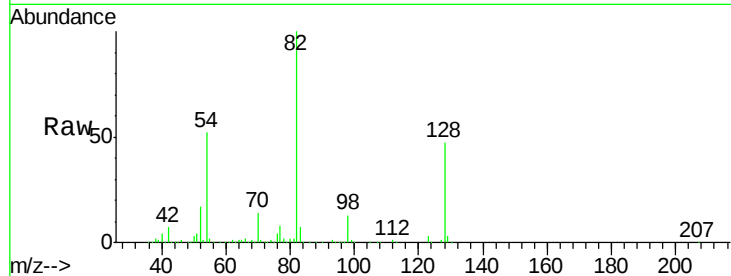
#23
 Nitrobenzene-d5
 Concen: 79.724 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion: 82 Resp: 1025918
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 52.2 42.2 63.2

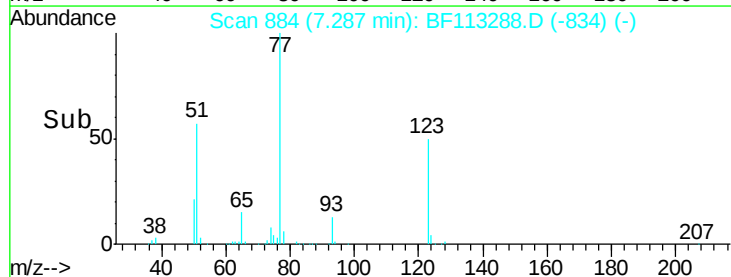
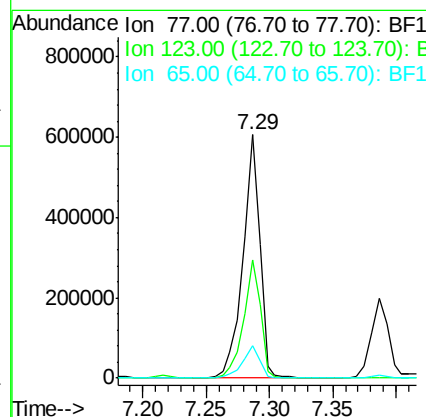
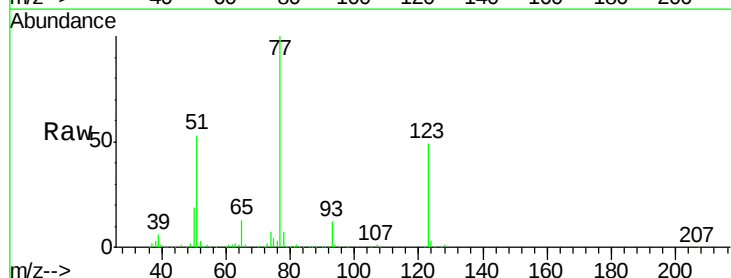
Manual Integrations
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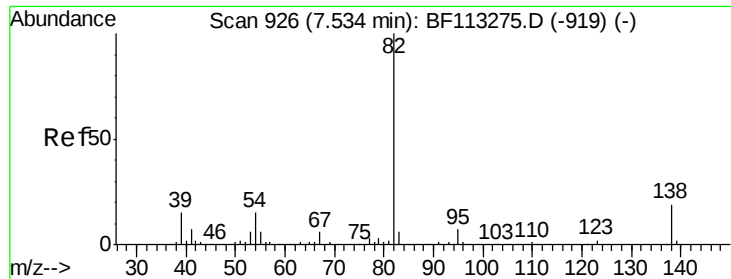
Sohil
 3/27/2019 3:17:37 PM



#24
 Nitrobenzene
 Concen: 41.159 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion: 77 Resp: 552702
 Ion Ratio Lower Upper
 77 100
 123 48.6 40.8 61.2
 65 13.5 10.6 16.0





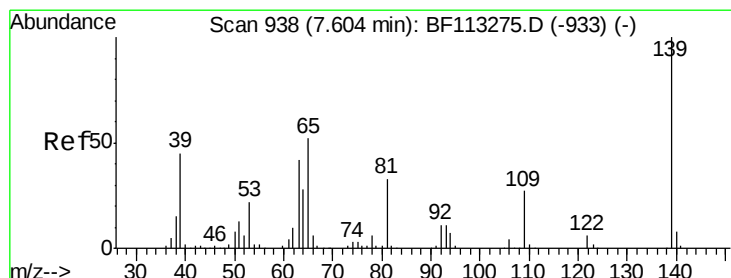
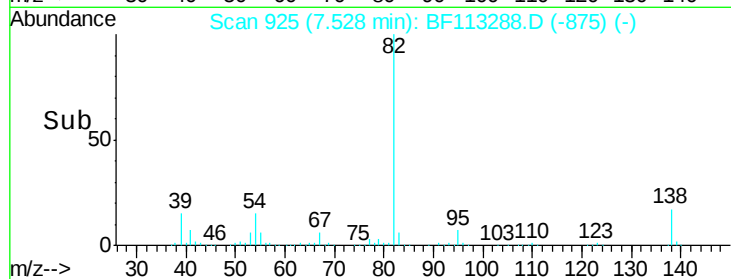
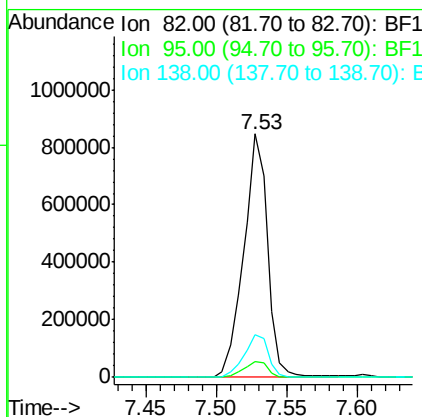
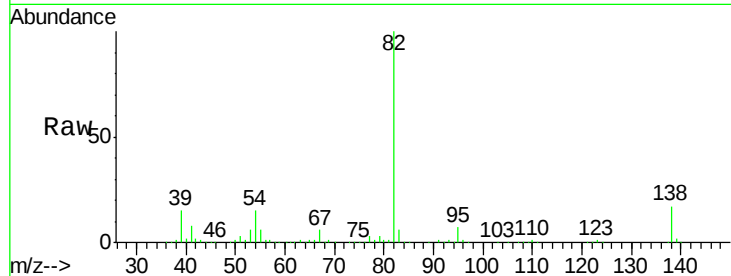
#25
Isophorone
Concen: 40.107 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :
PB118273BS

Tgt Ion: 82 Resp: 1000201
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.5 15.2 22.8

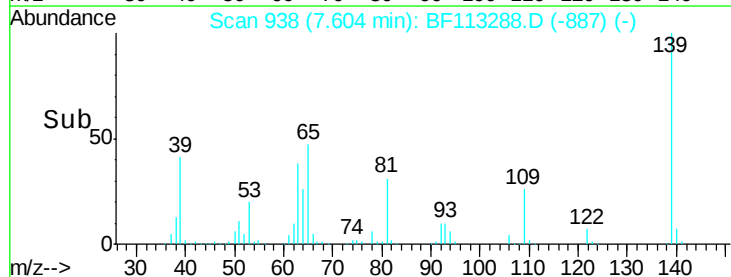
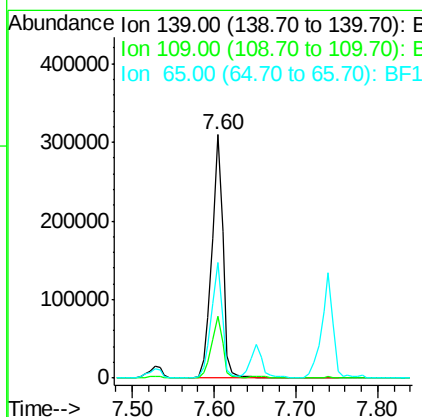
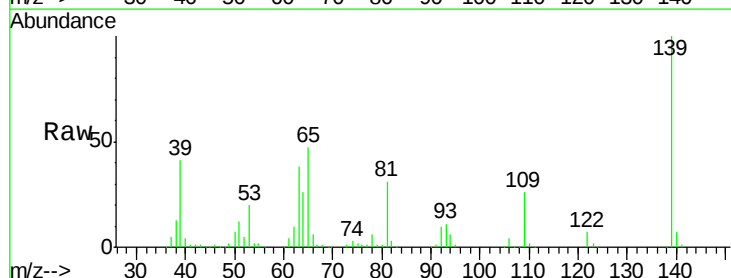
Manual Integrations
APPROVED

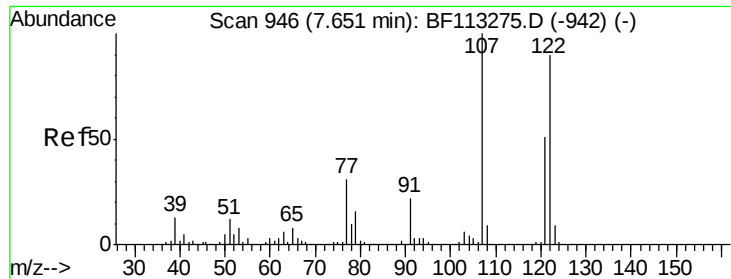
Sohil
3/27/2019 3:17:37 PM



#26
2-Nitrophenol
Concen: 41.388 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion: 139 Resp: 293773
Ion Ratio Lower Upper
139 100
109 25.7 21.7 32.5
65 47.2 41.6 62.4





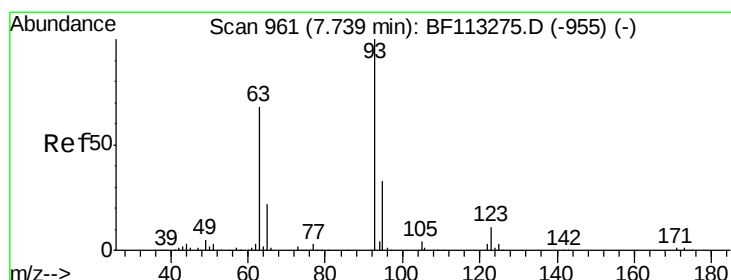
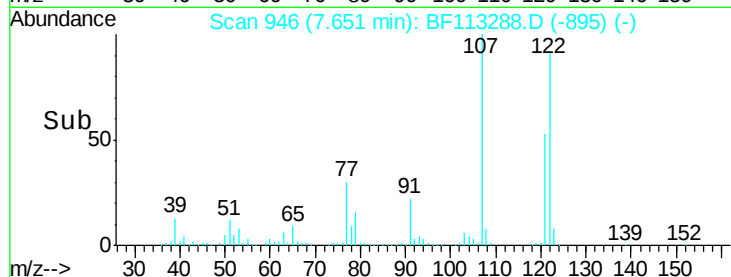
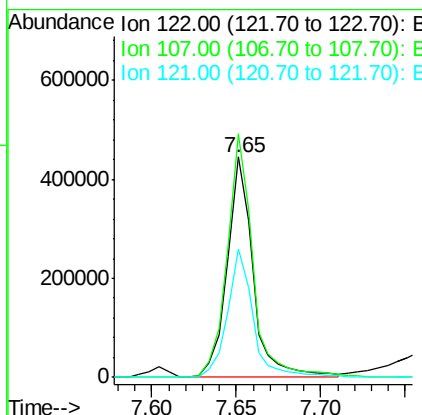
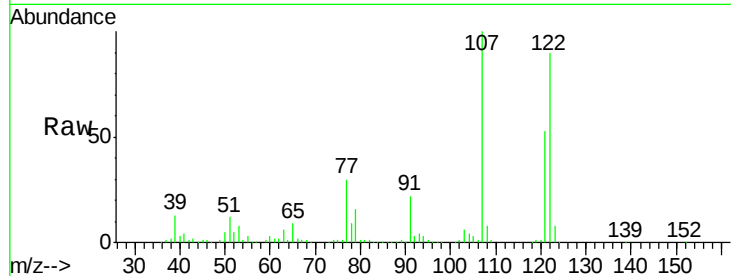
#27
 2,4-Dimethylphenol
 Concen: 46.356 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	473311		
107	110.6	88.8	133.2	
121	58.1	45.5	68.3	

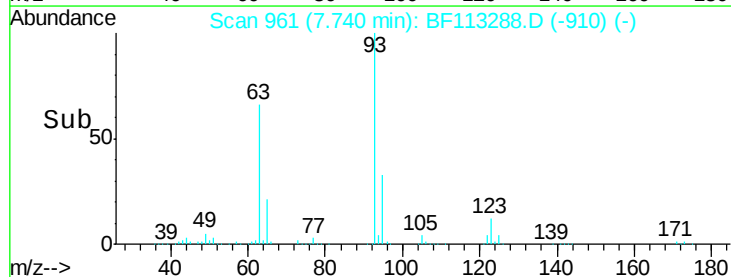
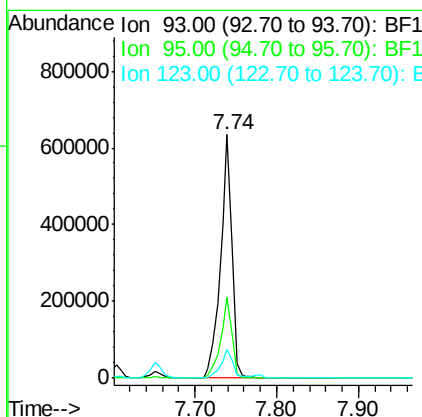
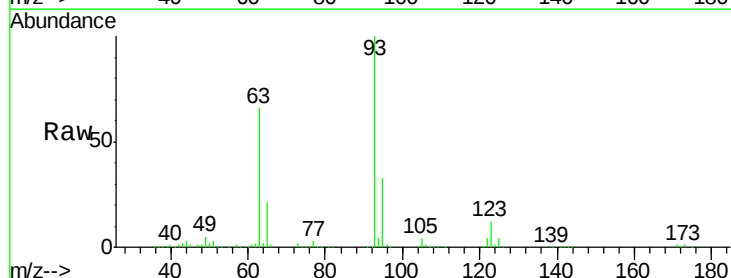
Manual Integrations
 APPROVED

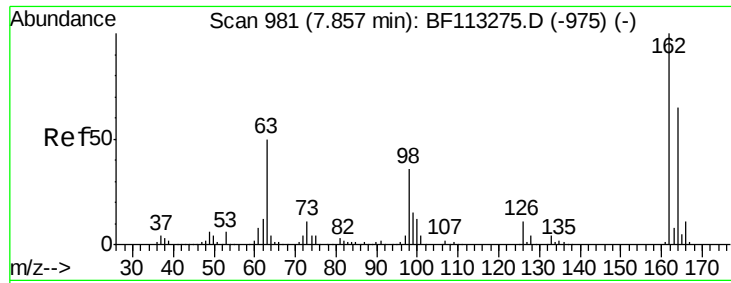
Sohil
 3/27/2019 3:17:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.507 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	620446		
95	33.3	26.0	39.0	
123	11.6	9.1	13.7	





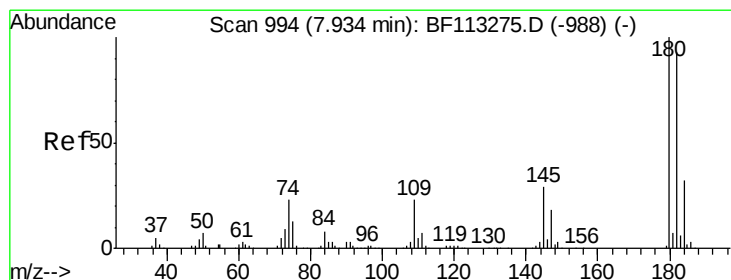
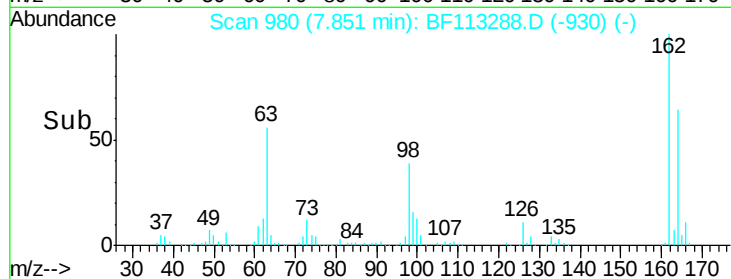
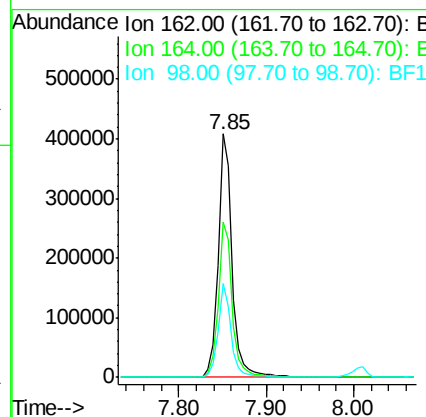
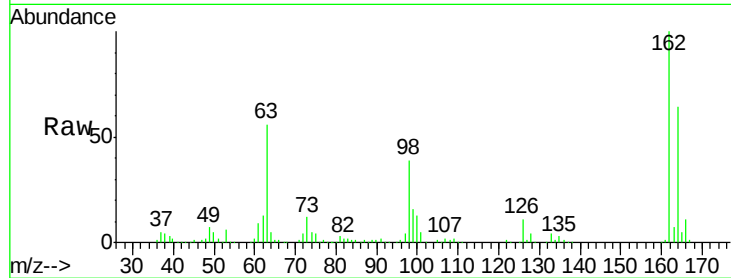
#29
2,4-Dichlorophenol
Concen: 40.786 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	451280		
164	64.0	44.6	84.6	
98	38.6	15.6	55.6	

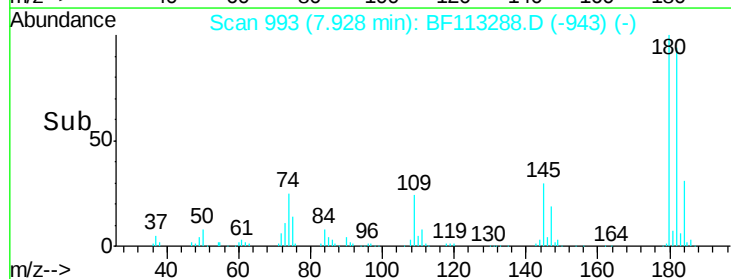
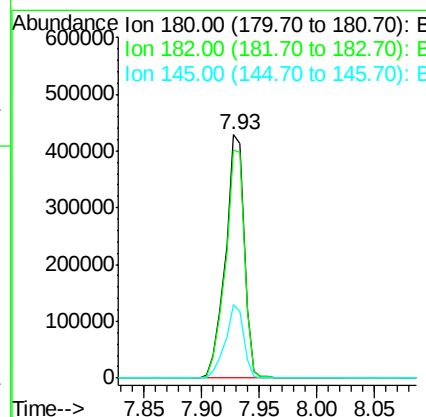
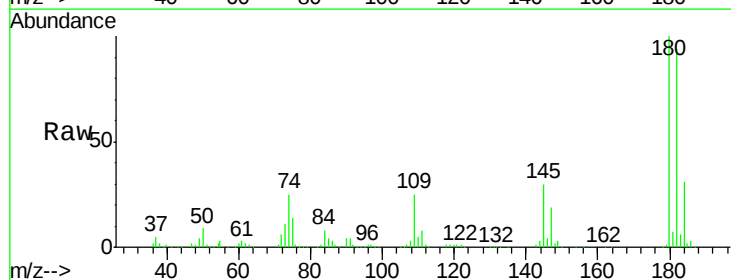
Manual Integrations
APPROVED

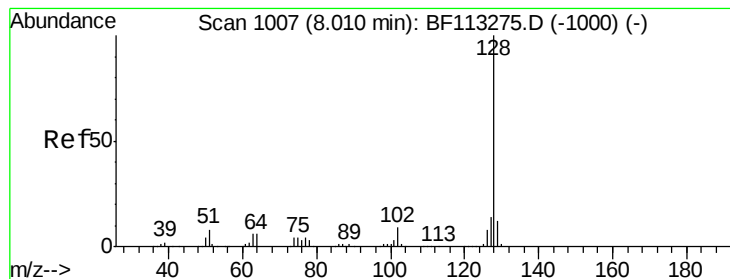
Sohil
3/27/2019 3:17:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.767 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	486668		
182	93.6	74.6	111.8	
145	30.2	23.4	35.0	





#31

Naphthalene

Concen: 40.306 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:128 Resp: 1504416

Ion Ratio Lower Upper

128 100

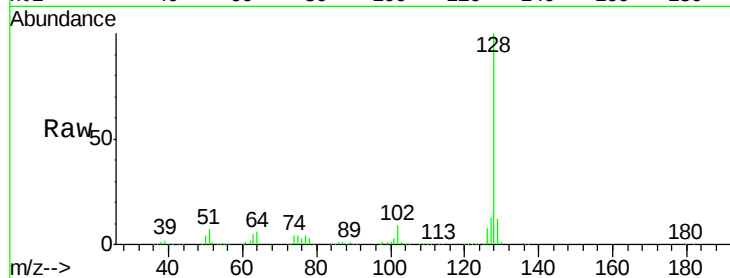
129 11.5 9.3 13.9

127 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil

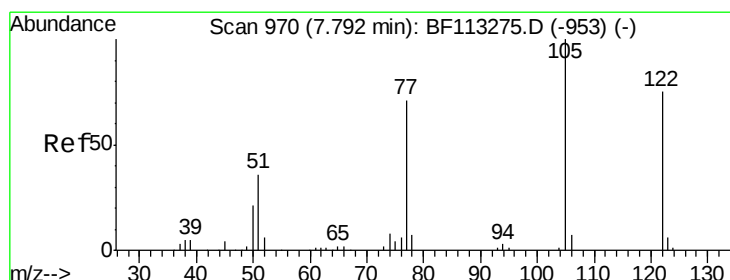
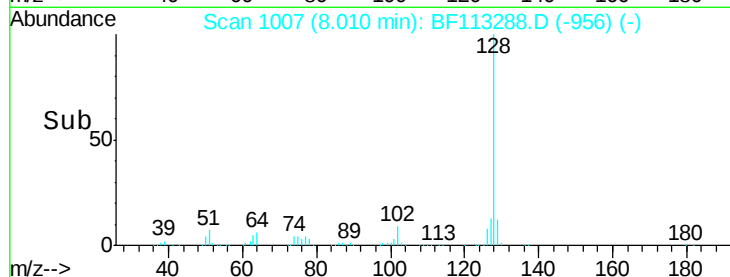
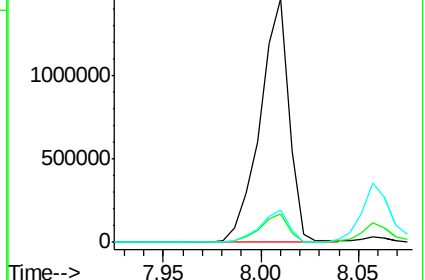
3/27/2019 3:17:37 PM



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: 22.739 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

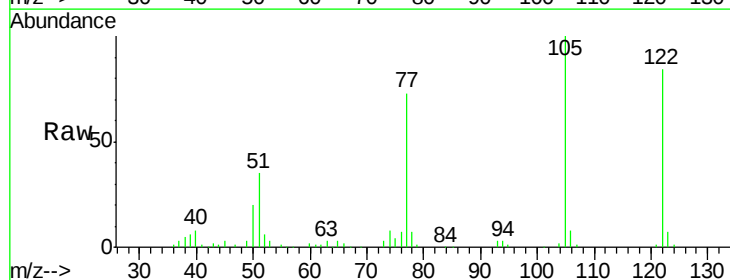
Tgt Ion:122 Resp: 186891

Ion Ratio Lower Upper

122 100

105 119.3 100.4 140.4

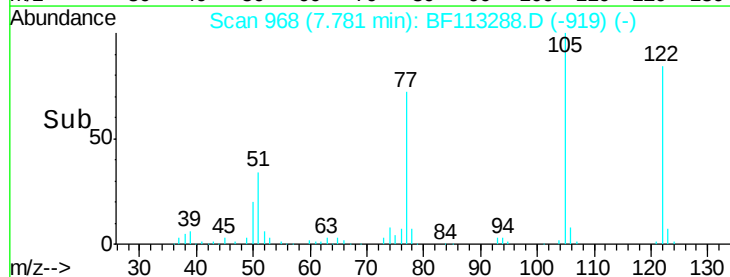
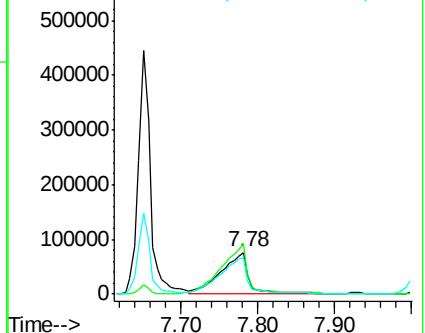
77 86.8 69.0 109.0

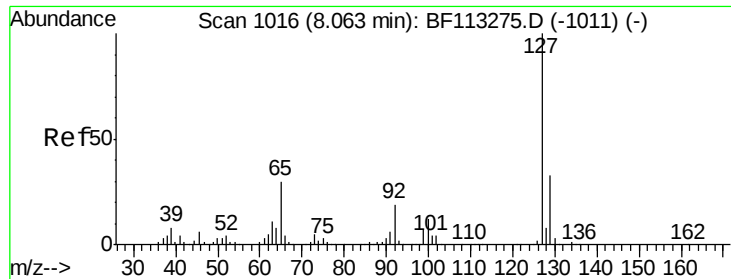


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





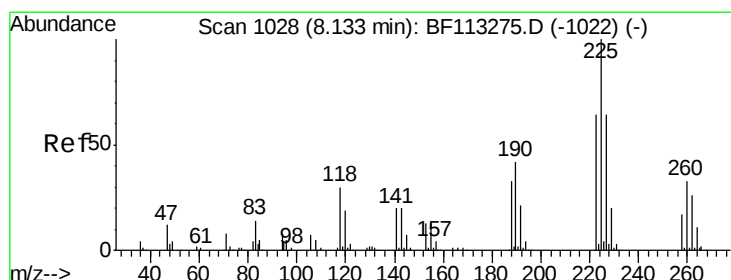
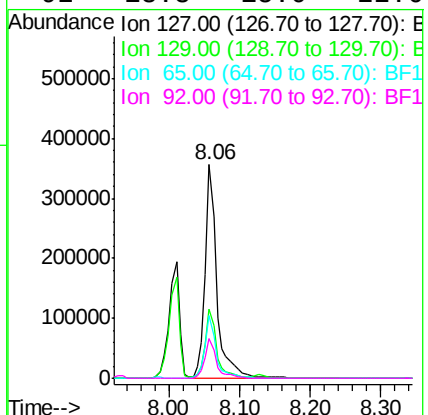
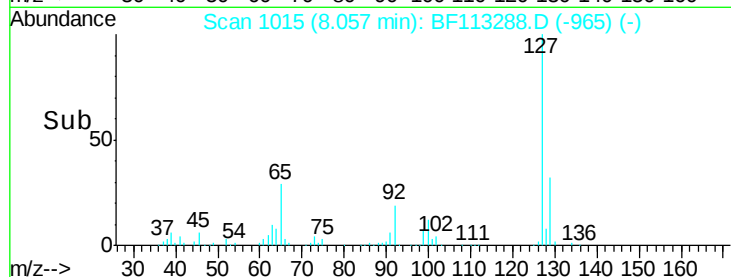
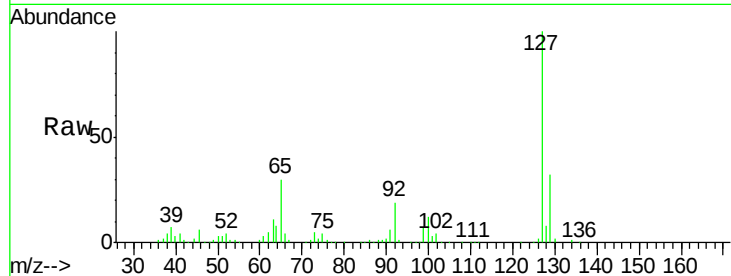
#33
4-Chloroaniline
Concen: 28.460 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :
PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	414220		
129	32.1	26.3	39.5	
65	29.5	24.2	36.4	
92	18.8	15.0	22.6	

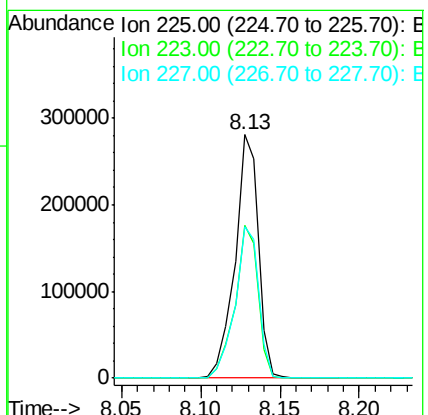
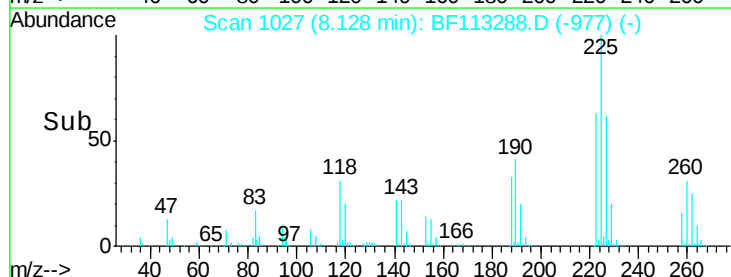
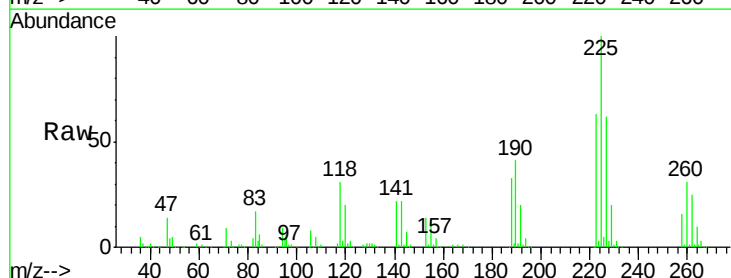
Manual Integrations
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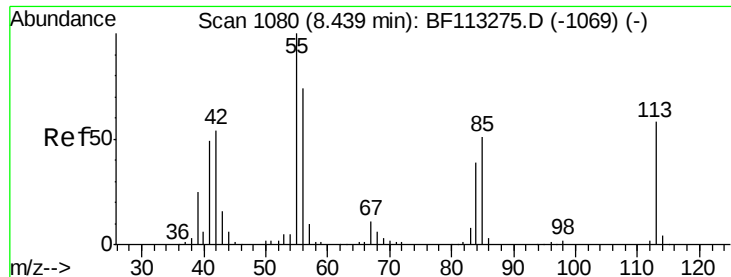
Sohil
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#34
Hexachlorobutadiene
Concen: 40.248 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	285567		
223	62.9	51.4	77.2	
227	62.3	51.1	76.7	





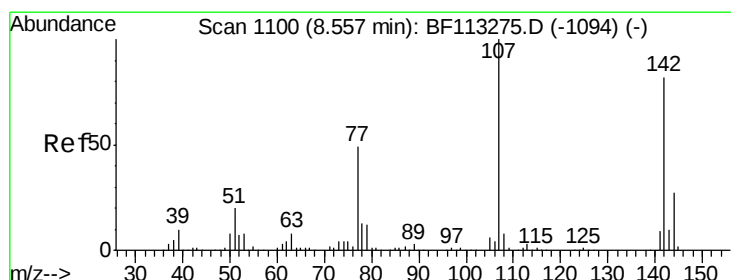
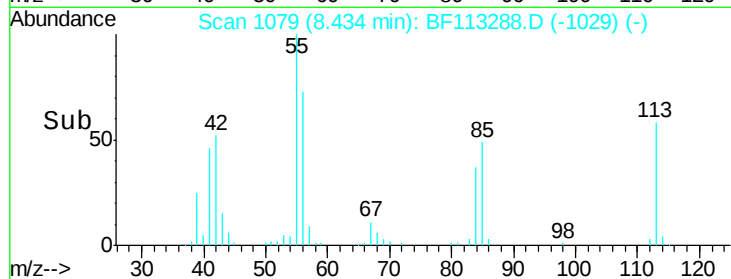
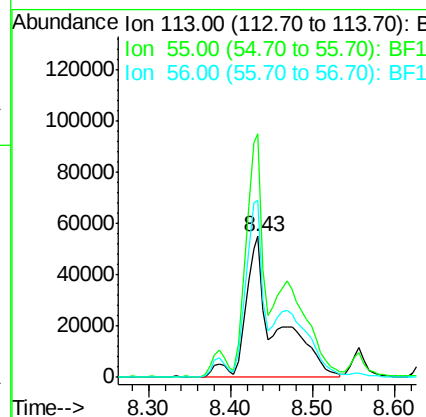
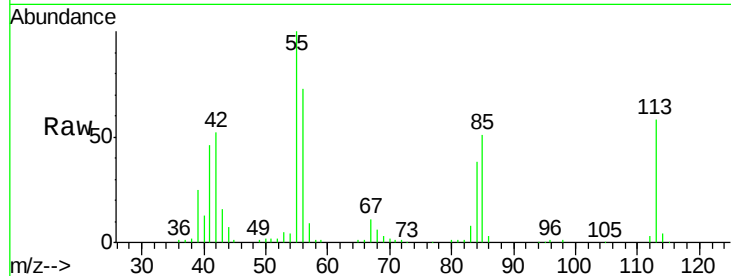
#35
 Caprolactam
 Concen: 40.385 ng m
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion:113 Resp: 143412
 Ion Ratio Lower Upper
 113 100
 55 172.8 152.7 192.7
 56 125.5 108.3 148.3

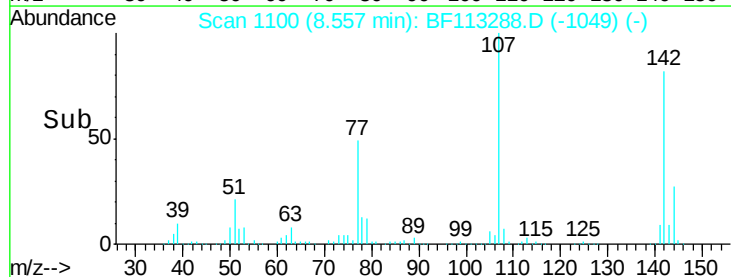
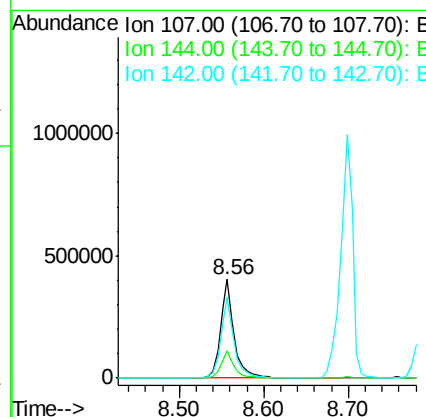
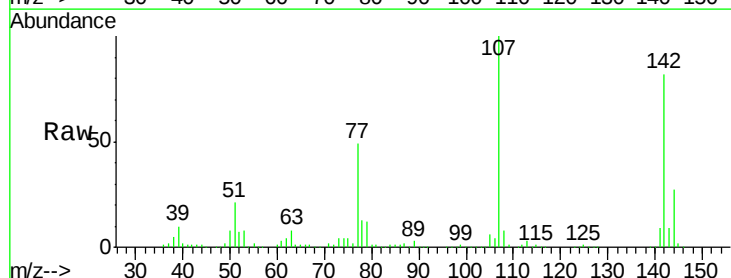
Manual Integrations
 APPROVED

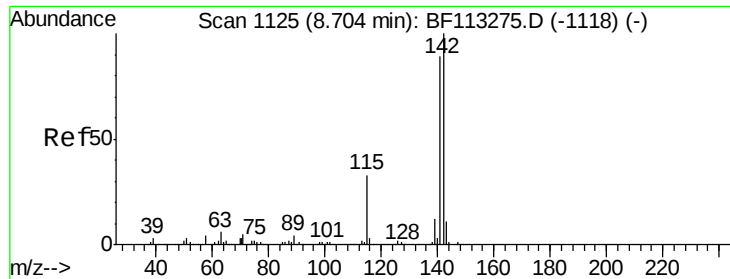
Sohil
 3/27/2019 3:17:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.907 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:107 Resp: 455249
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.4 32.0
 142 82.1 65.6 98.4





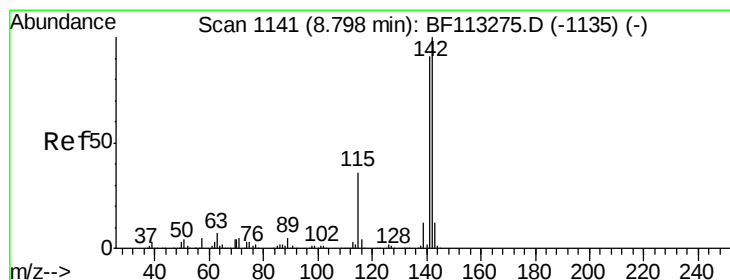
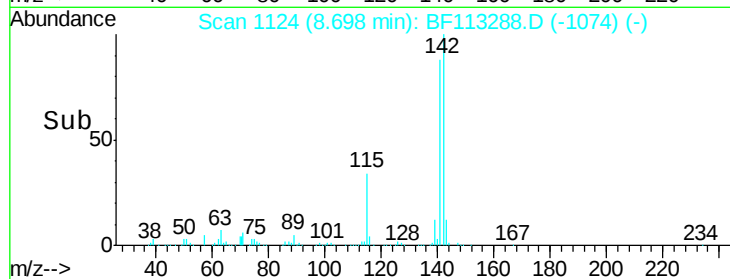
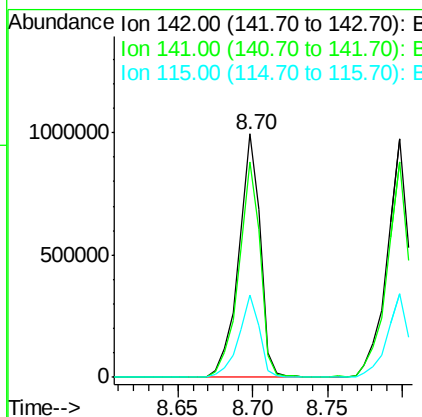
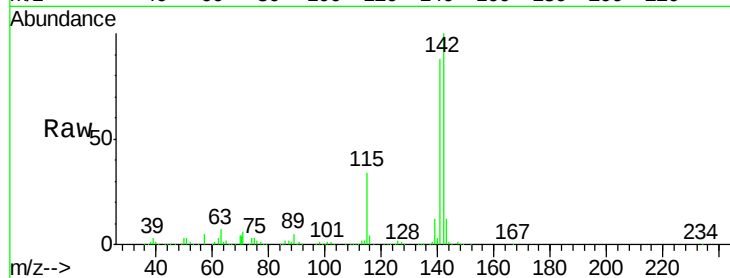
#37
 2-Methylnaphthalene
 Concen: 42.799 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :
 PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	996760		
141	88.4	71.0	106.6	
115	34.0	26.6	39.8	

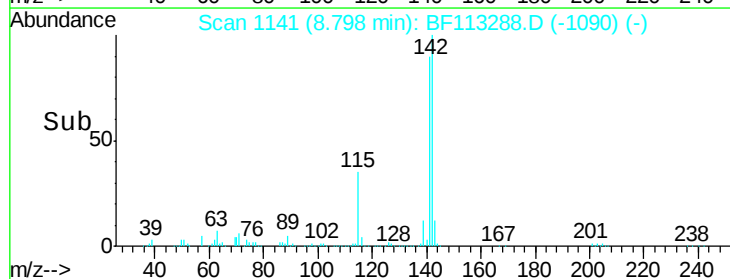
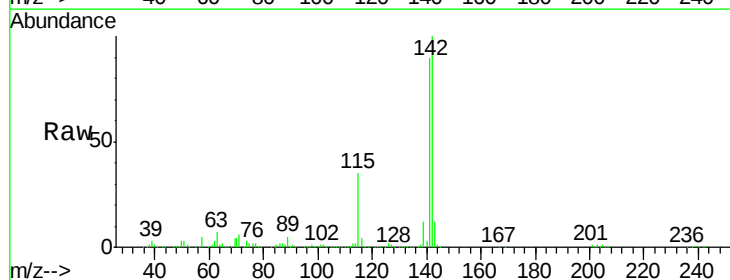
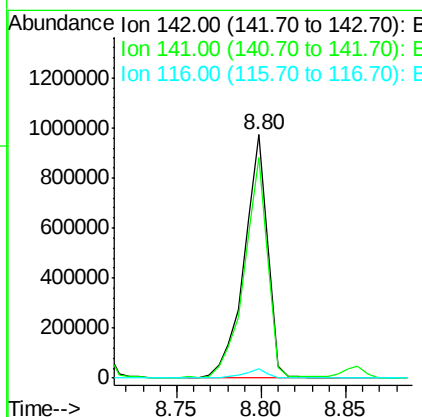
Manual Integrations
 APPROVED

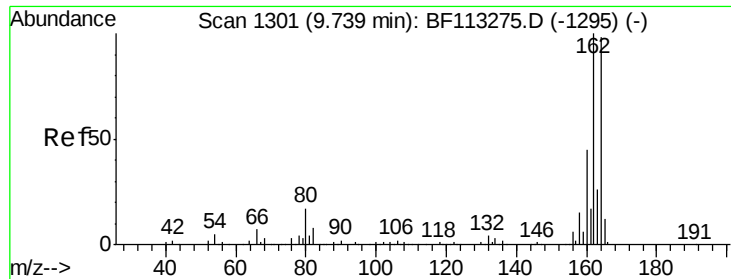
Sohil
 3/27/2019 3:17:37 PM



#38
 1-Methylnaphthalene
 Concen: 41.969 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	940146		
141	90.5	73.2	109.8	
116	3.6	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

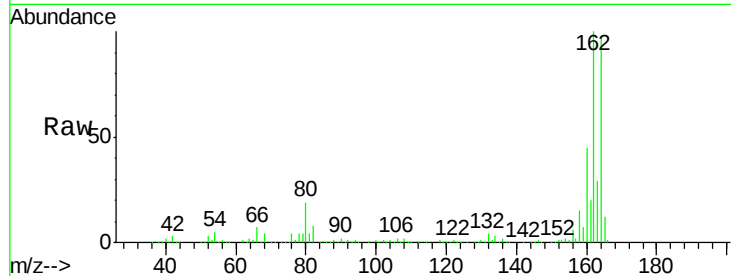
ClientSampleId :

PB118273BS

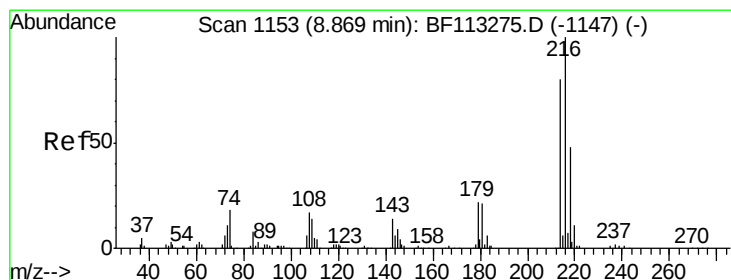
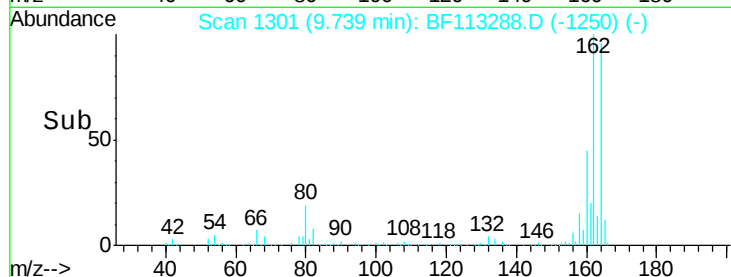
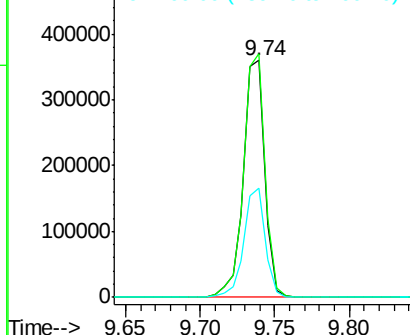
Tgt Ion:	164	Resp:	358073
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.8	122.6
160	46.2	36.4	54.6

Manual Integrations
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3/27/2019 3:17:37 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.736 ng

RT: 8.87 min Scan# 1153

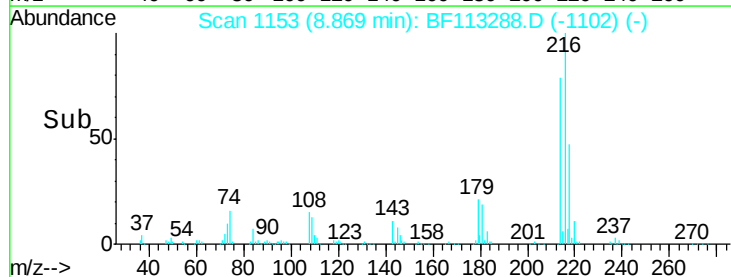
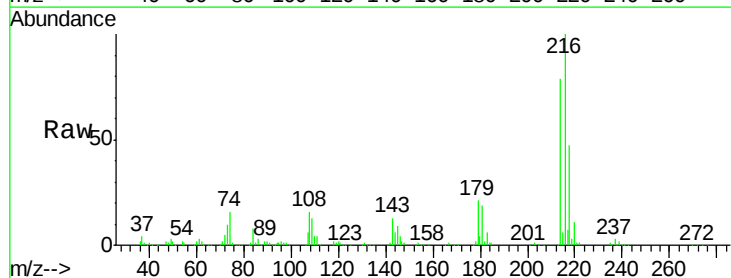
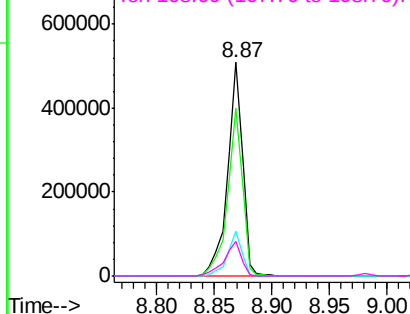
Delta R.T. 0.00 min

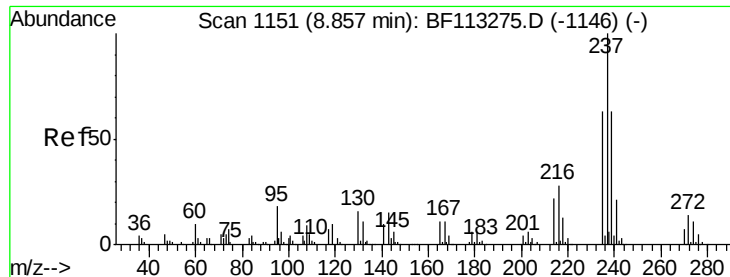
Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:	216	Resp:	456730
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.6
179	20.3	16.8	25.2
108	18.6	13.8	20.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





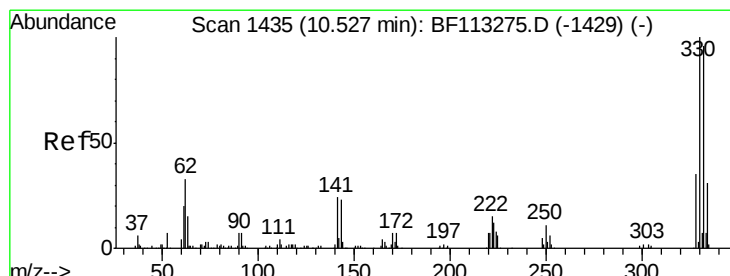
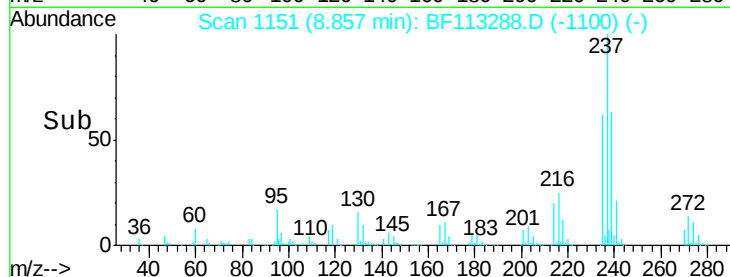
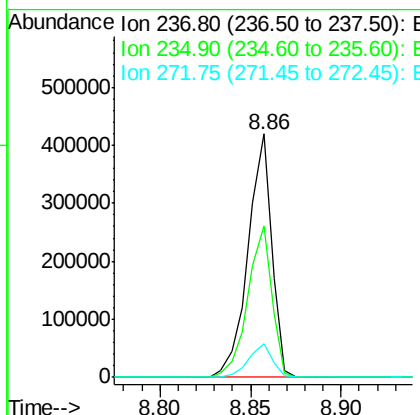
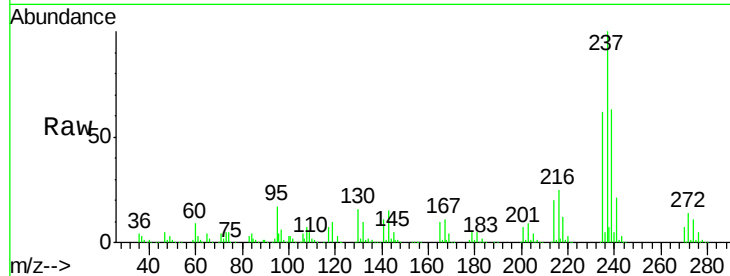
#41
Hexachlorocyclopentadiene
Concen: 78.445 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	43.4	83.4
272	14.1	0.0	33.7

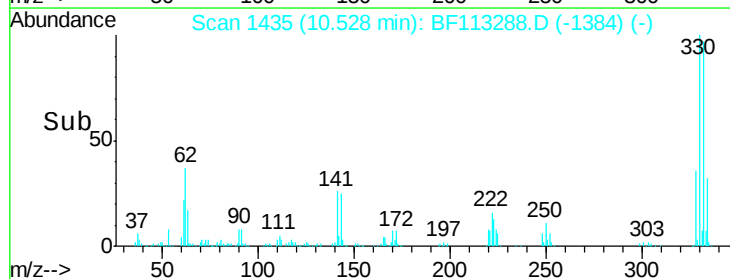
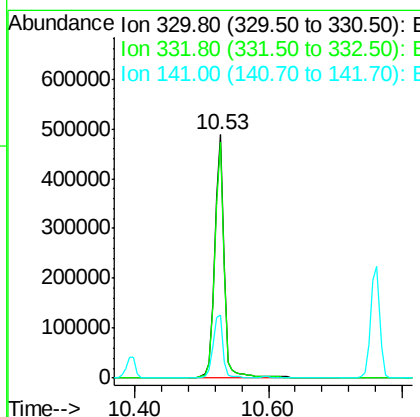
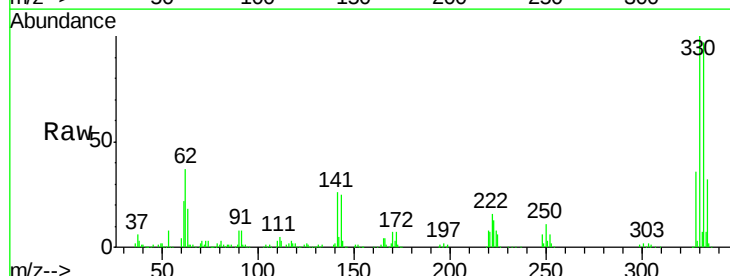
Manual Integrations
APPROVED

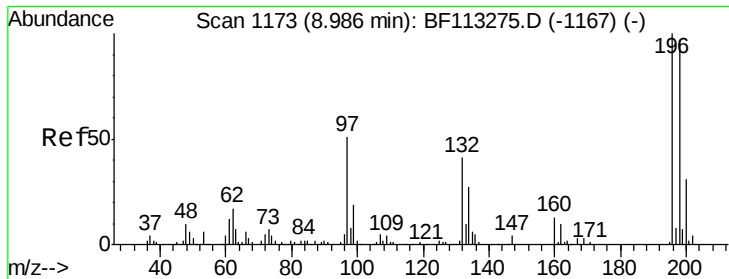
Sohil
3/27/2019 3:17:37 PM



#42
2,4,6-Tribromophenol
Concen: 111.571 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	77.8	116.6
141	27.5	22.7	34.1





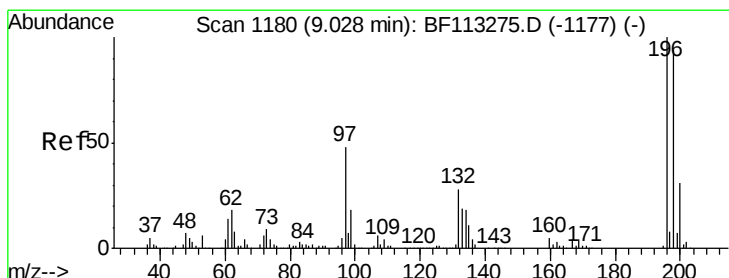
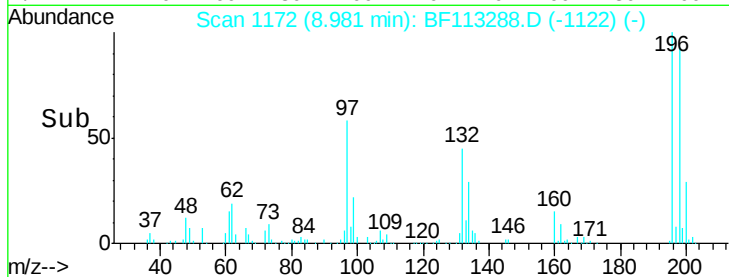
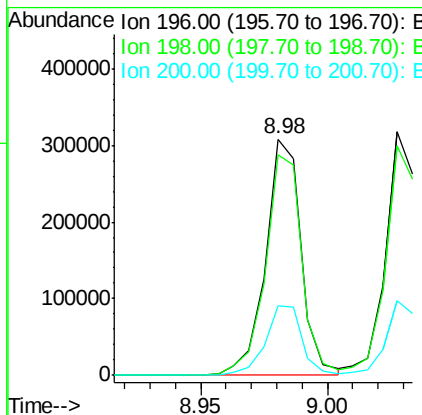
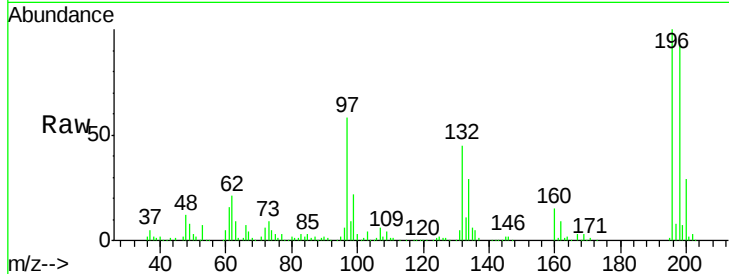
#43
 2,4,6-Trichlorophenol
 Concen: 40.493 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleID :
 PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303084		
198	93.4	77.7	116.5	
200	29.2	24.9	37.3	

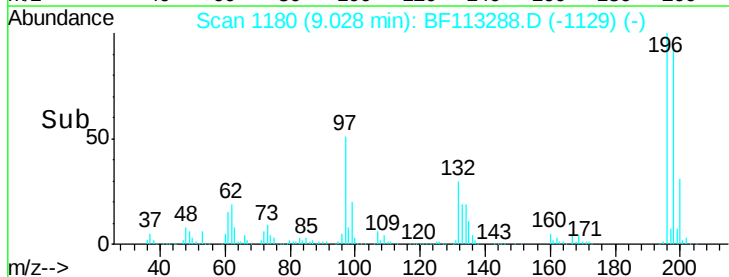
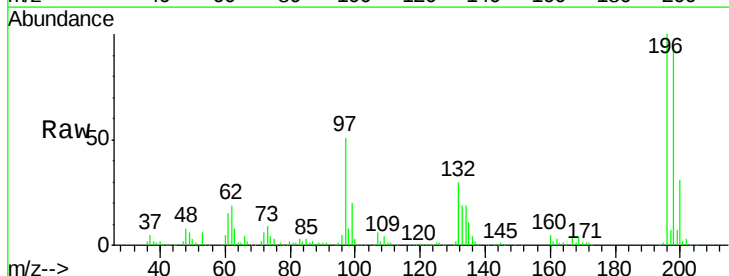
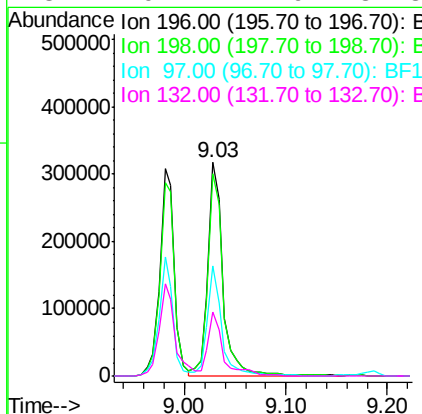
Manual Integrations
 APPROVED

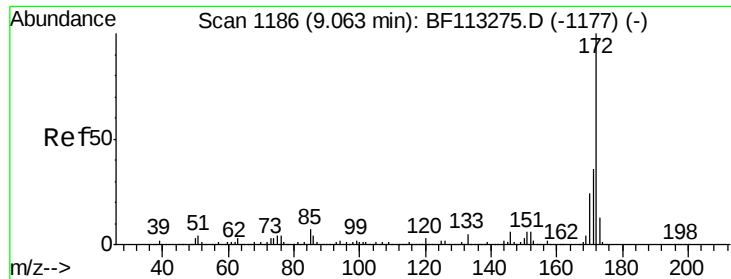
Sohil
 3/27/2019 3:17:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.575 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327816		
198	94.4	75.4	113.2	
97	51.4	38.6	58.0	
132	29.7	22.9	34.3	





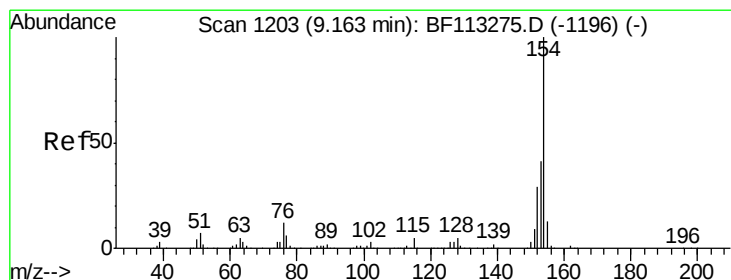
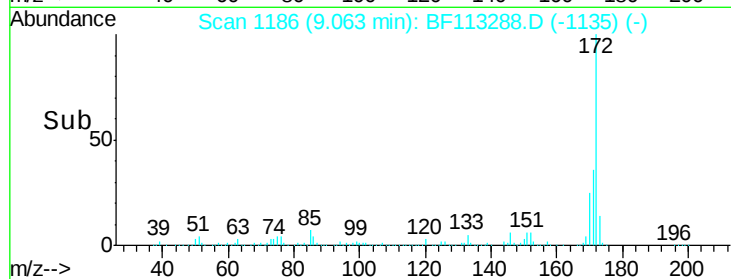
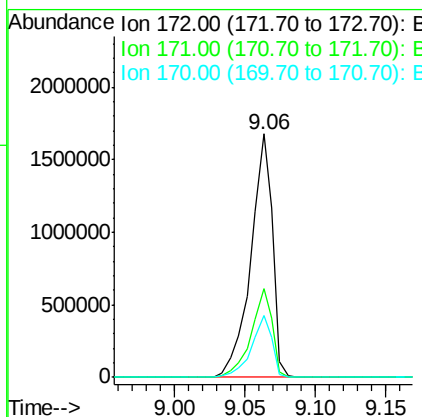
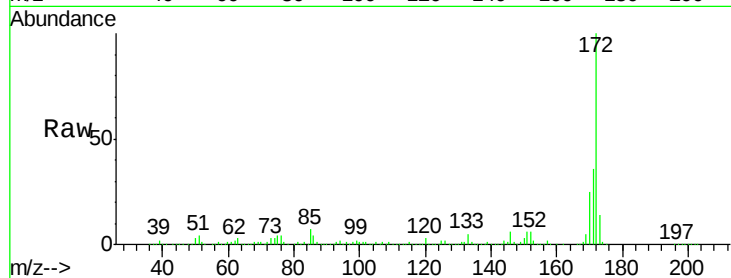
#45
2-Fluorobiphenyl
Concen: 77.709 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	25.2	19.5	29.3

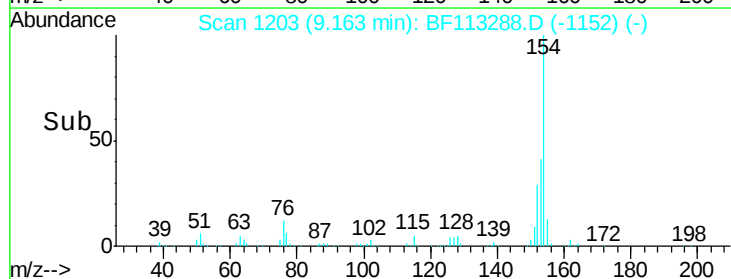
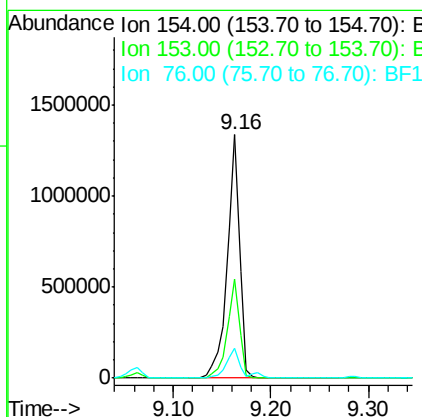
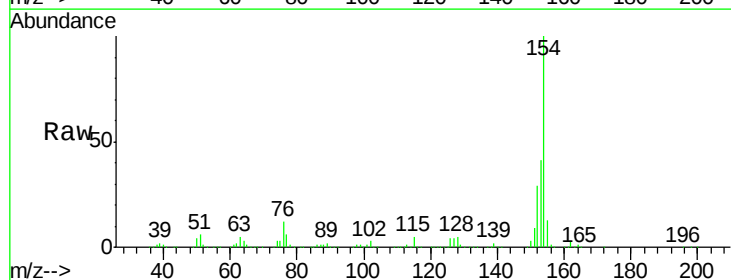
Manual Integrations
APPROVED

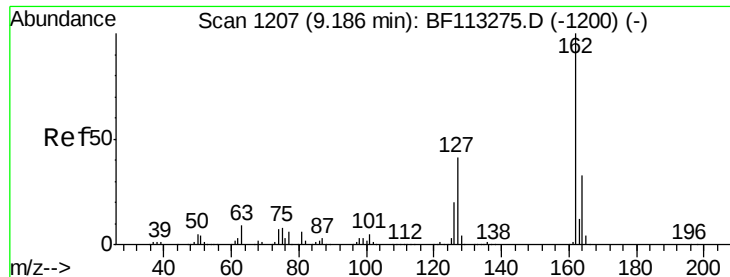
Sohil
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#46
1,1'-Biphenyl
Concen: 39.266 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.5	0.0	31.9





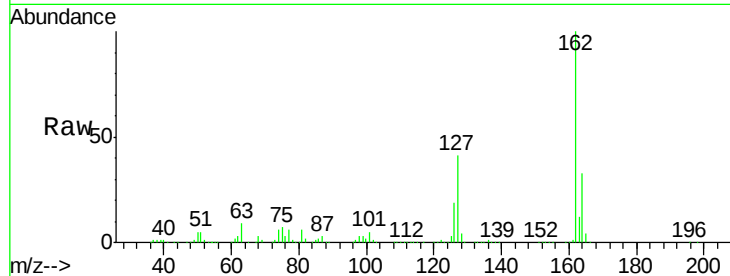
#47
 2-Chloronaphthalene
 Concen: 39.364 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :
 PB118273BS

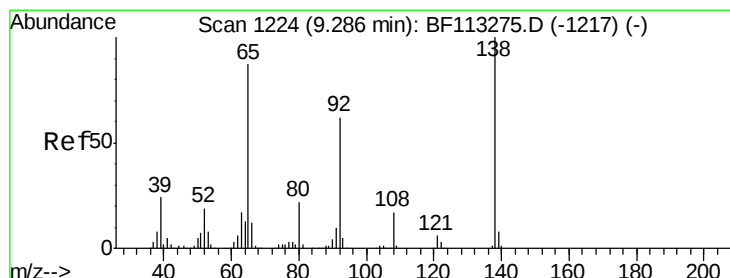
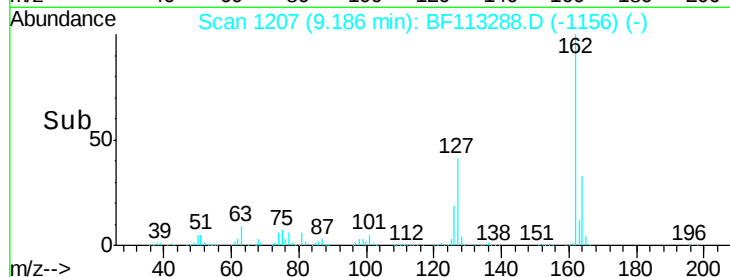
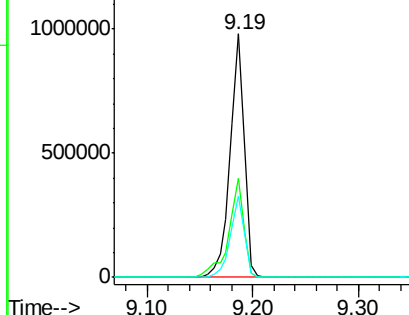
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	906404		
127	40.6	32.6	49.0	
164	33.3	26.6	39.8	

Manual Integrations
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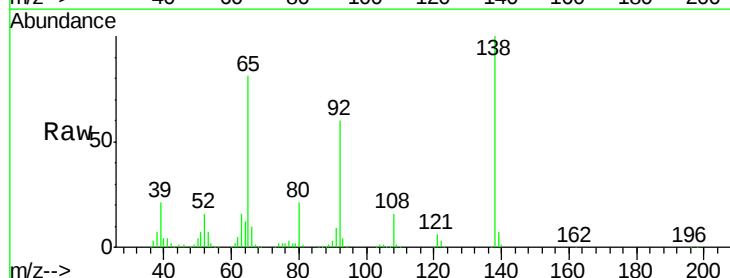


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

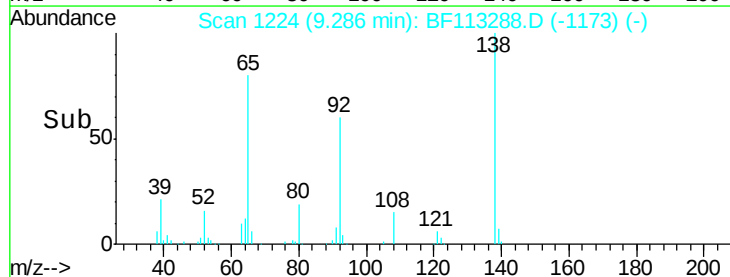
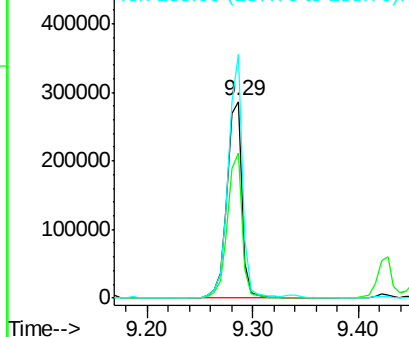


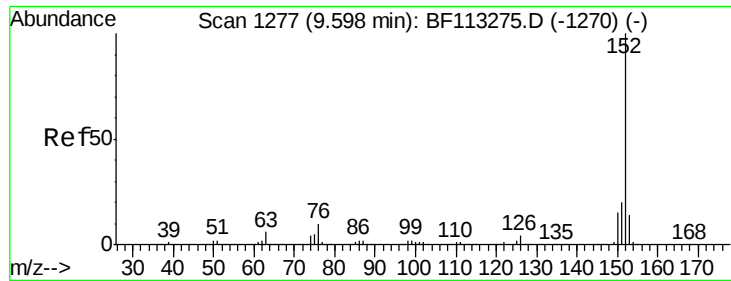
#48
 2-Nitroaniline
 Concen: 39.754 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	287267		
92	73.9	56.8	85.2	
138	123.8	92.3	138.5	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





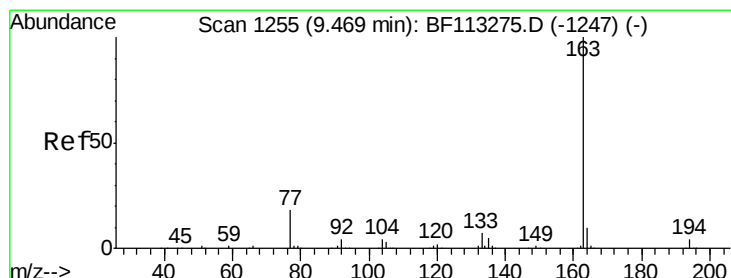
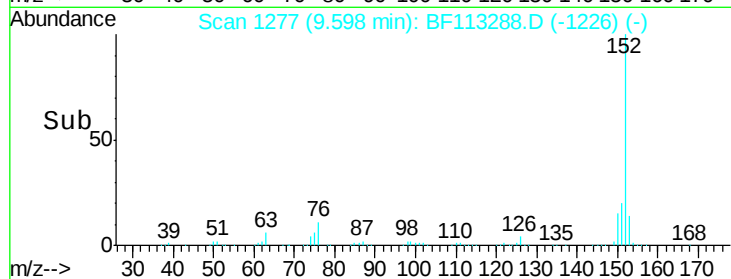
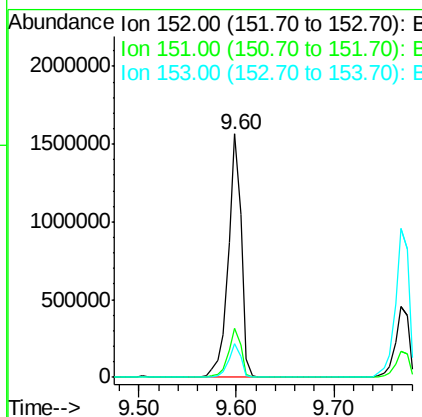
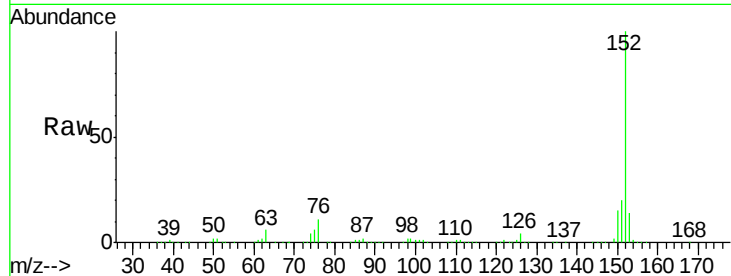
#49
Acenaphthylene
Concen: 38.773 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	14.0	11.0	16.6

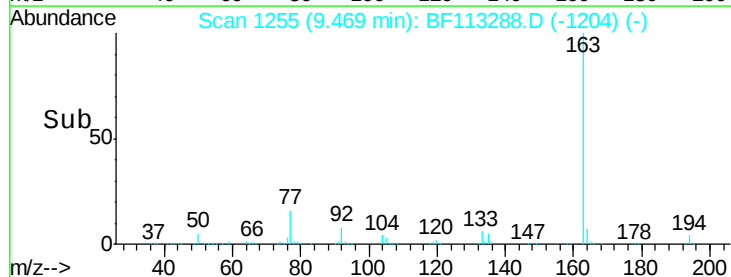
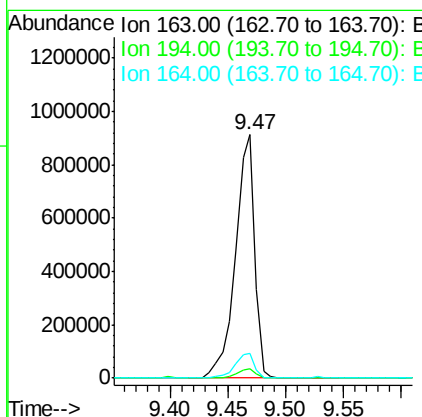
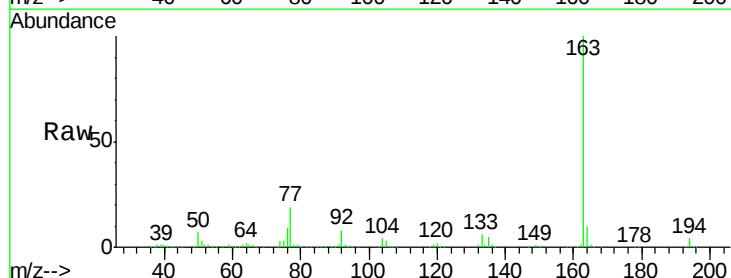
Manual Integrations
APPROVED

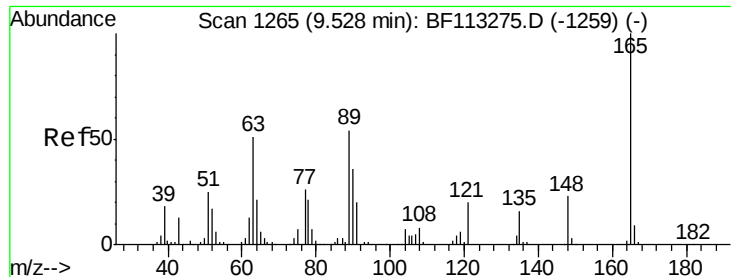
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#50
Dimethylphthalate
Concen: 39.620 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	8.1	12.1





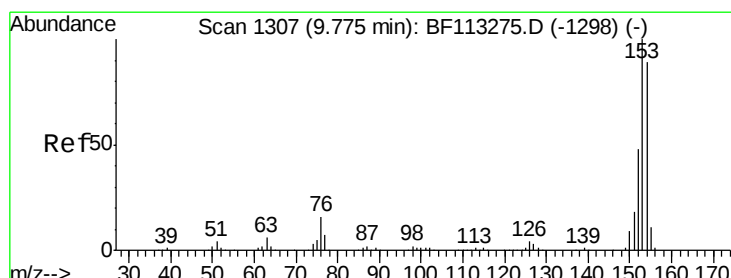
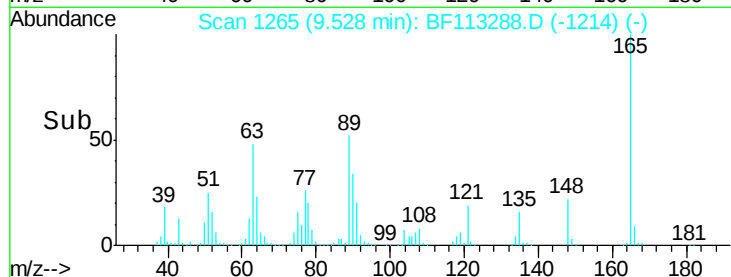
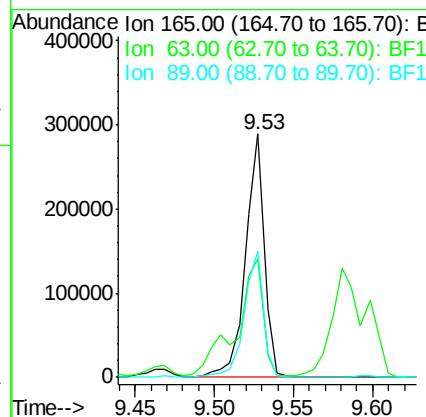
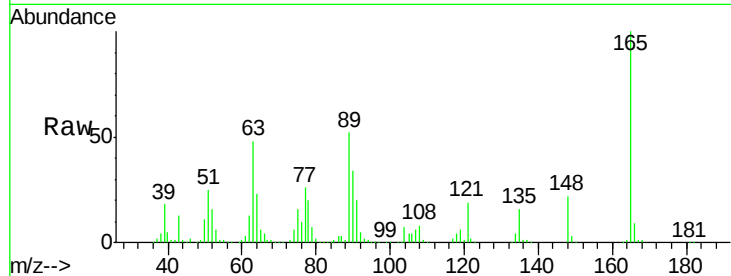
#51
2,6-Dinitrotoluene
Concen: 39.503 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	48.5	43.4	65.0
89	51.6	43.1	64.7

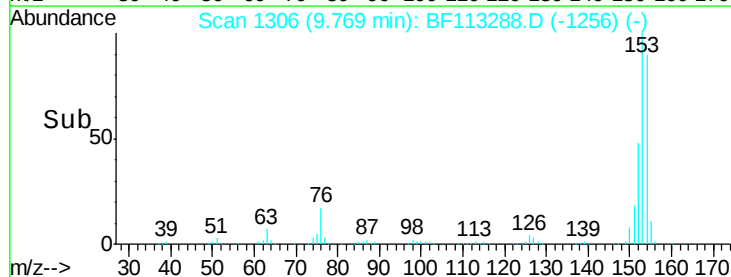
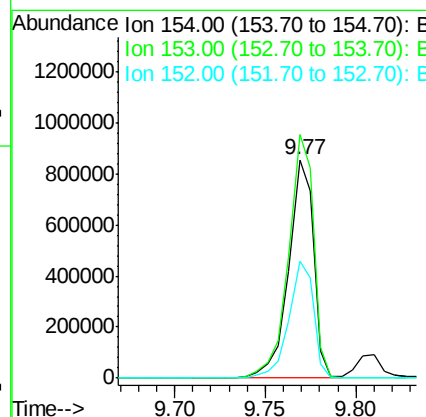
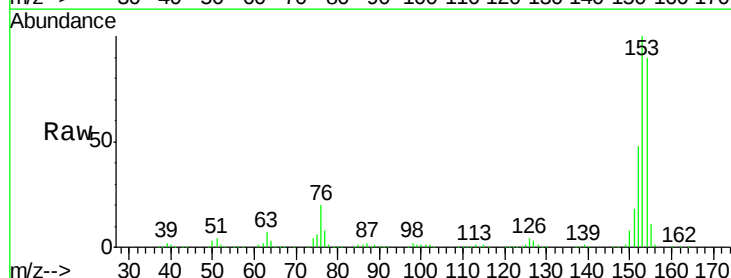
Manual Integrations
APPROVED

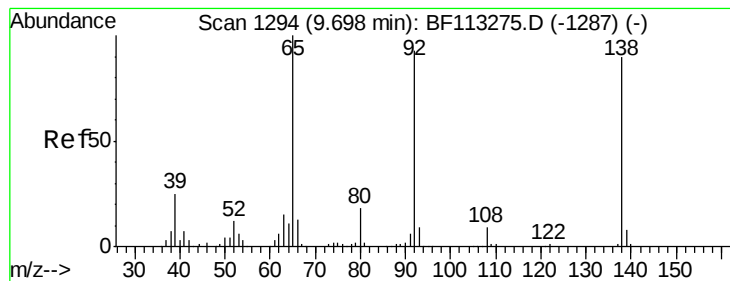
Sohil
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#52
Acenaphthene
Concen: 39.403 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.5	89.5	134.3
152	53.5	43.3	64.9





#53

3-Nitroaniline

Concen: 29.624 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

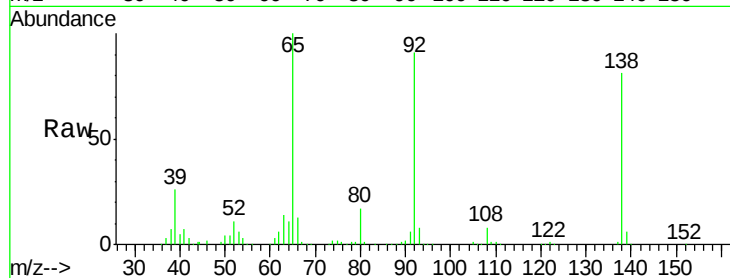
ClientSampleId :

PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	199996		
108	9.7	7.8	11.6	
92	112.6	82.6	124.0	

Manual Integrations
APPROVED

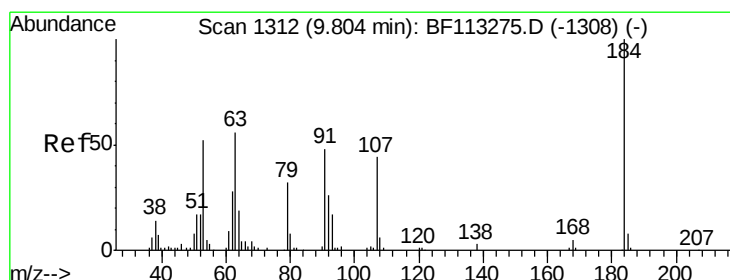
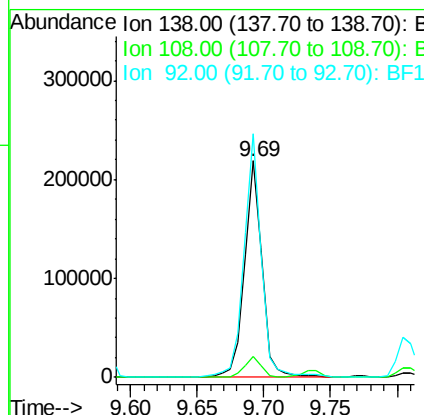
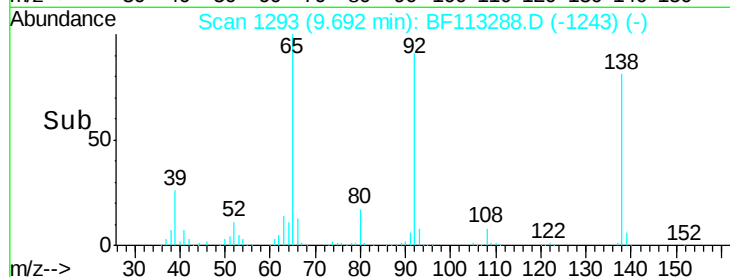
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 54.932 ng

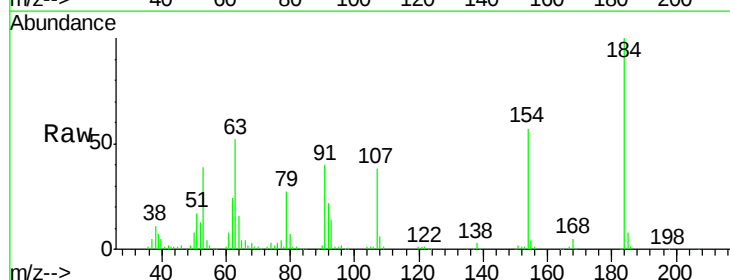
RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

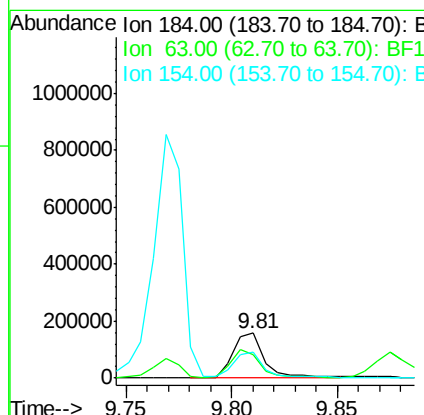
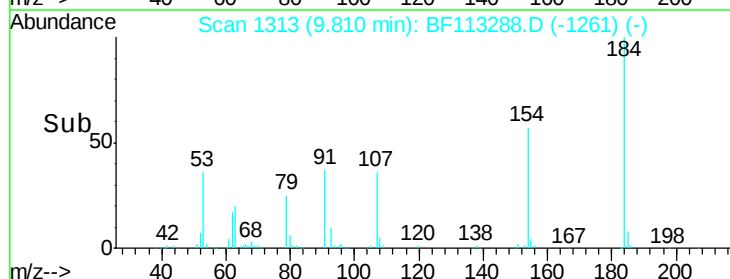
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	163558		
63	52.0	54.3	81.5#	
154	57.3	48.4	72.6	

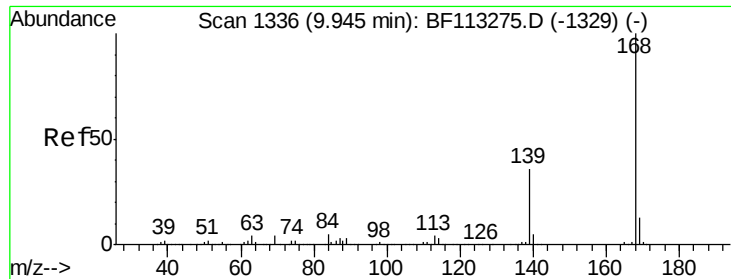


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





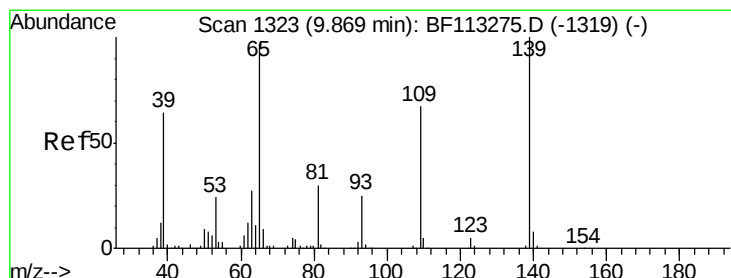
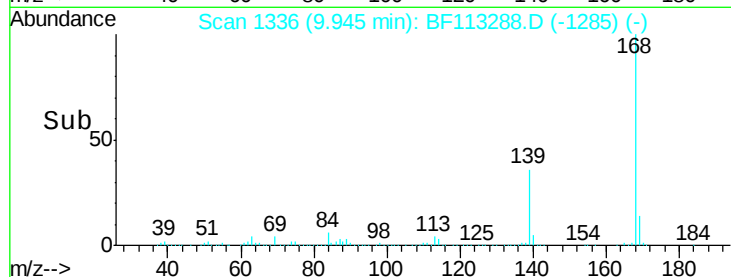
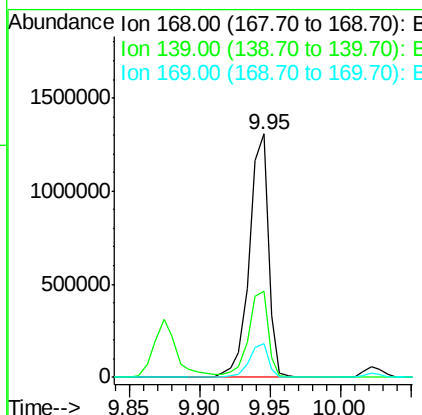
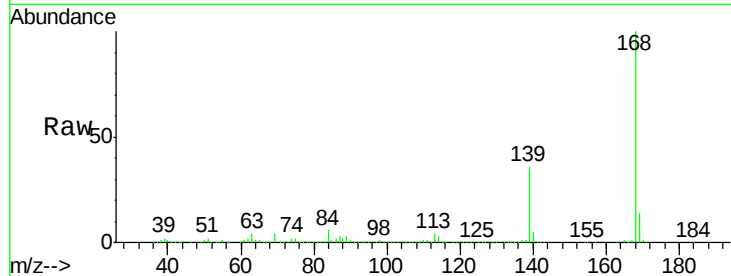
#55
Dibenzenofuran
Concen: 39.531 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion:168 Resp: 1246026
Ion Ratio Lower Upper
168 100
139 35.6 29.7 44.5
169 13.6 10.7 16.1

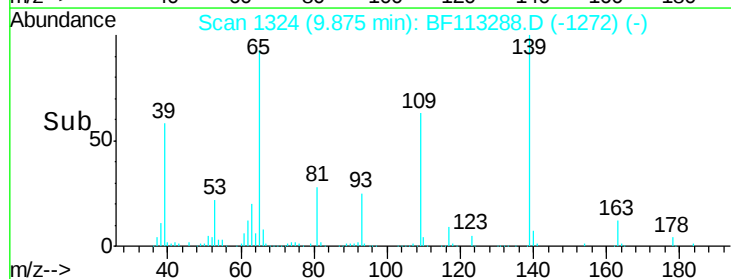
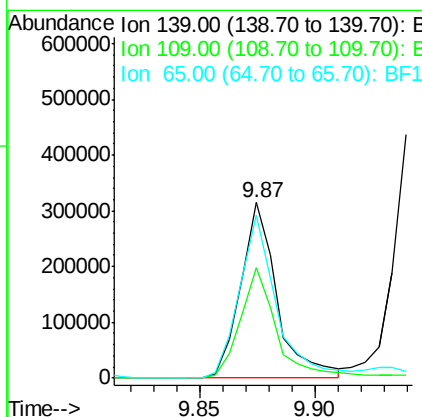
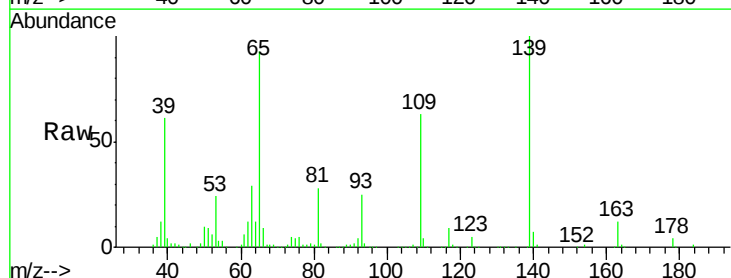
Manual Integrations
APPROVED

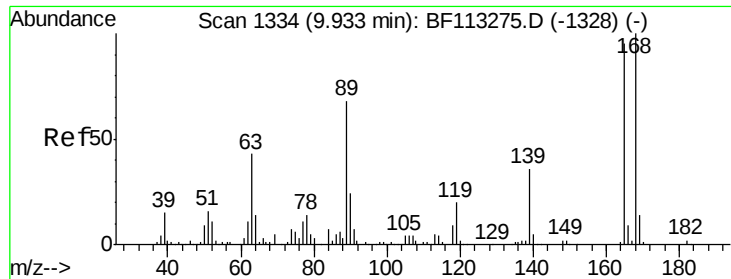
Sohil
3/27/2019 3:17:37 PM



#56
4-Nitrophenol
Concen: 72.271 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion:139 Resp: 347845
Ion Ratio Lower Upper
139 100
109 62.8 46.9 86.9
65 93.3 77.2 117.2





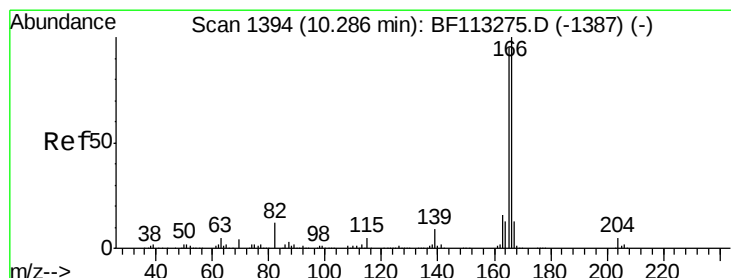
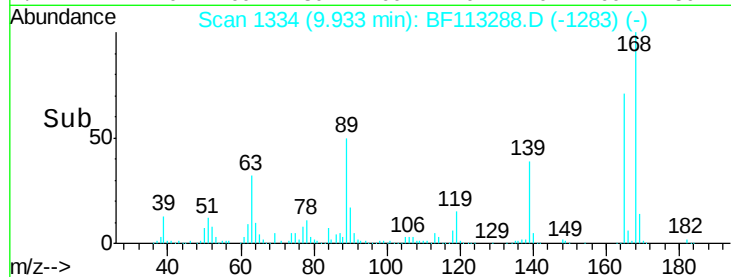
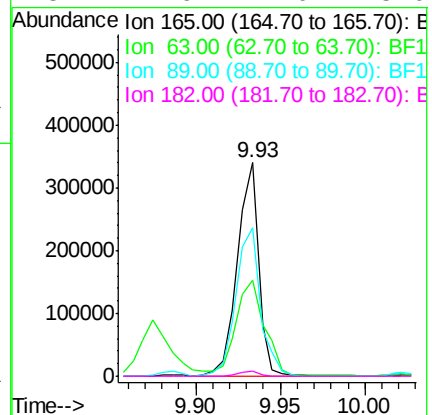
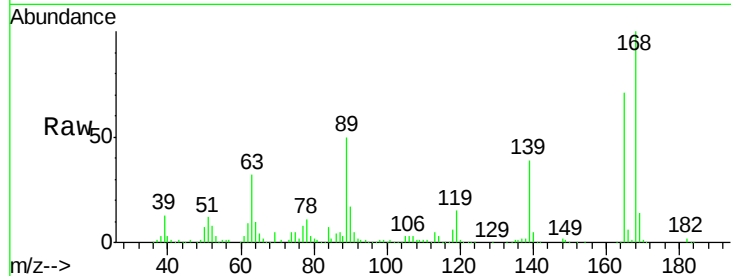
#57
 2,4-Dinitrotoluene
 Concen: 38.964 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :
 PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	296632		
63	45.2	37.5	56.3	
89	69.7	57.4	86.2	
182	2.6	2.0	3.0	

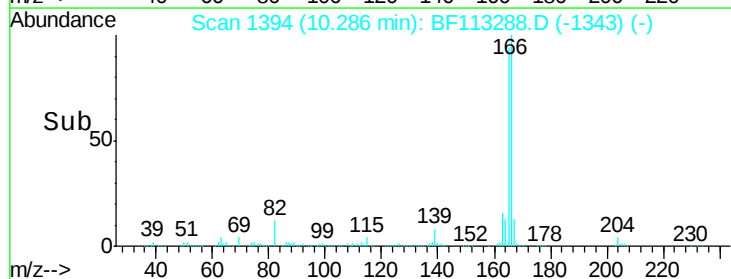
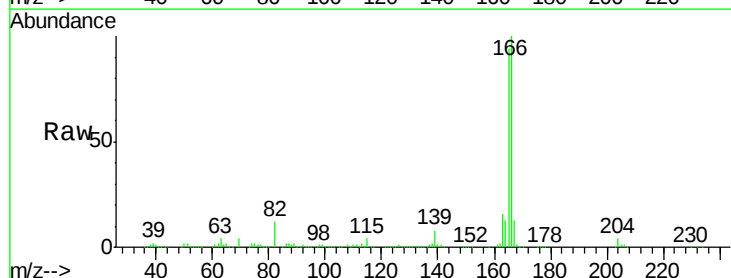
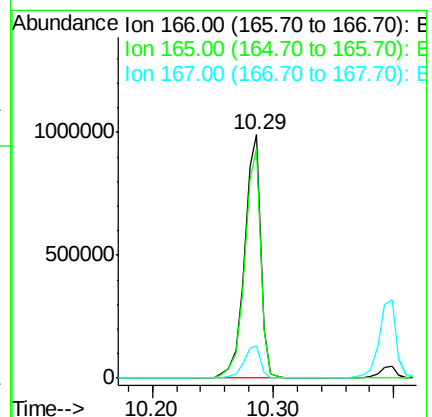
Manual Integrations
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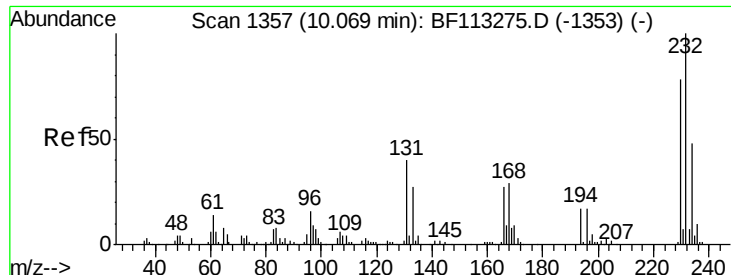
Sohil
 3/27/2019 3:17:37 PM



#58
 Fluorene
 Concen: 37.808 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	925769		
165	94.2	76.2	114.2	
167	13.4	10.7	16.1	





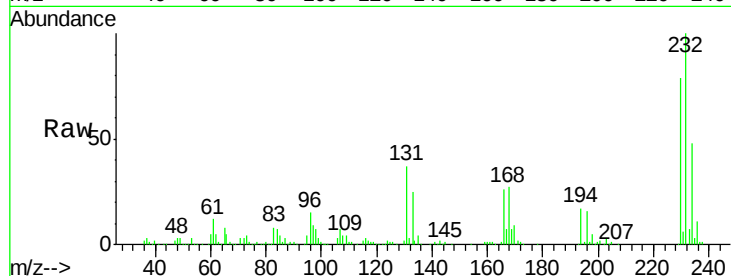
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.484 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

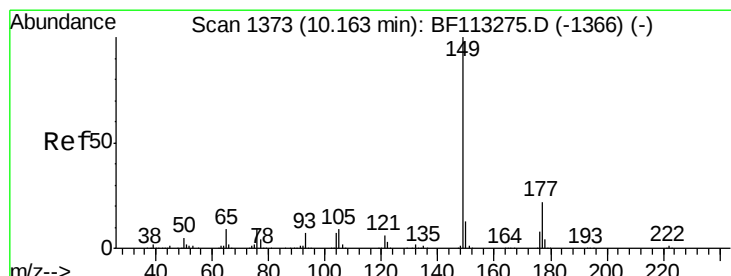
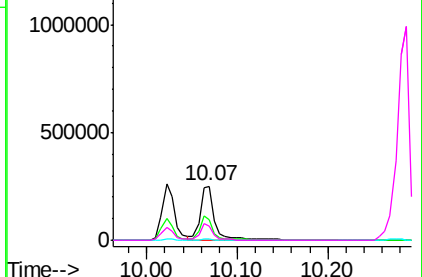
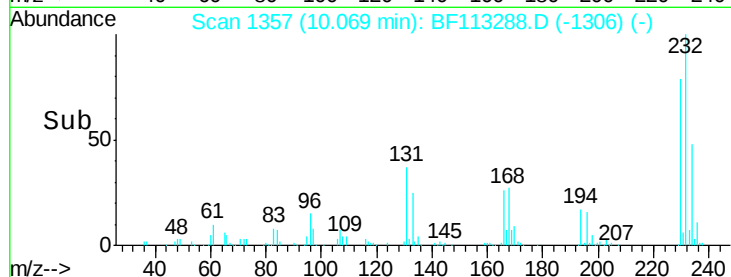
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	283582		
131	41.5	33.2	49.8	
130	1.9	1.6	2.4	
166	26.5	21.0	31.6	

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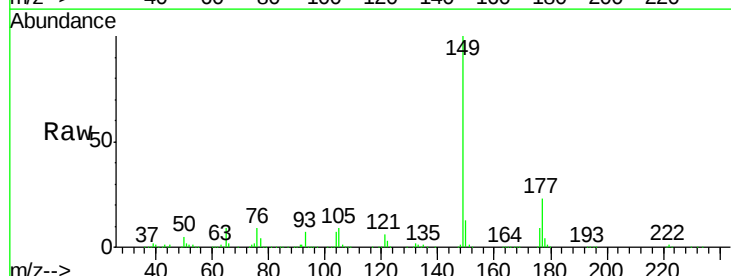


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

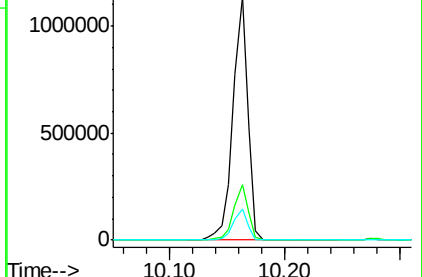
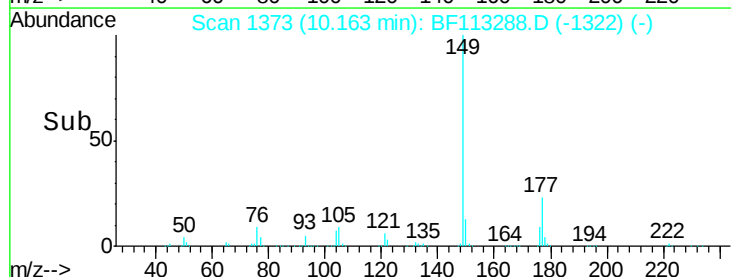


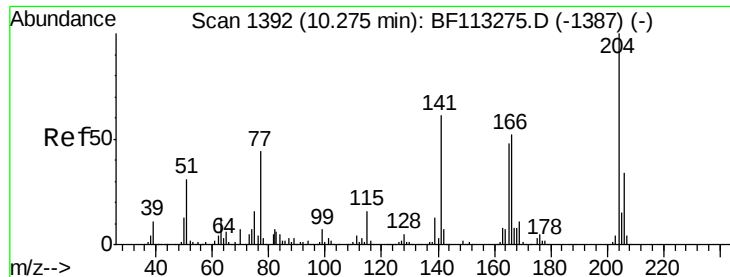
#60
 Diethylphthalate
 Concen: 39.007 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1015410		
177	22.8	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





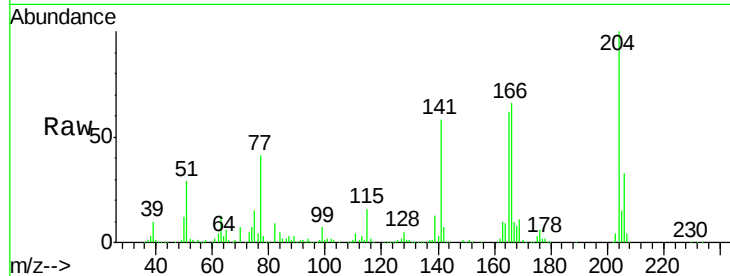
#61
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

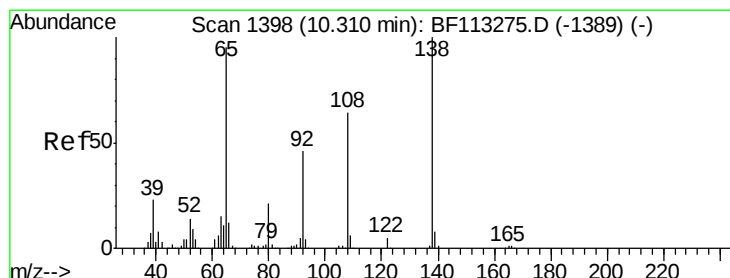
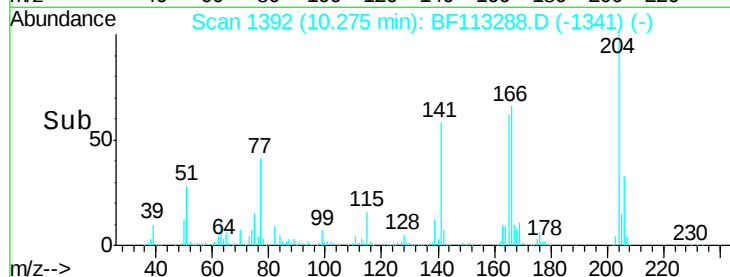
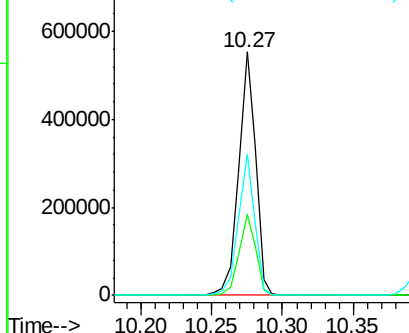
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	57.8	48.8	73.2

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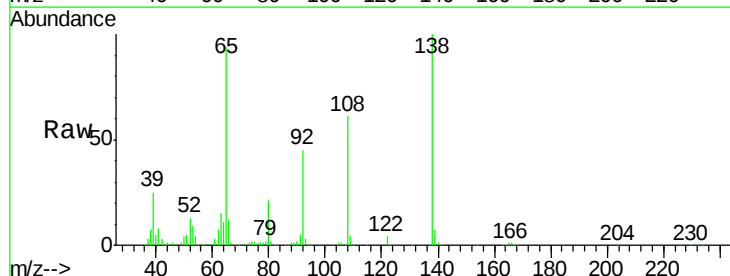


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

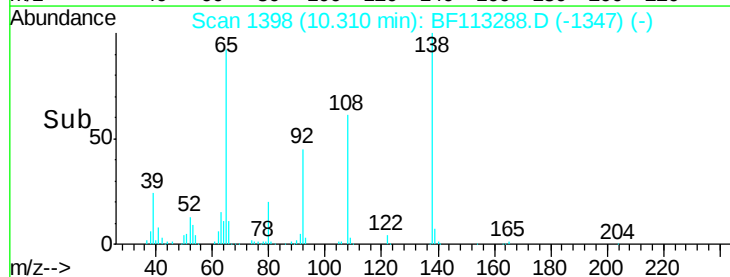
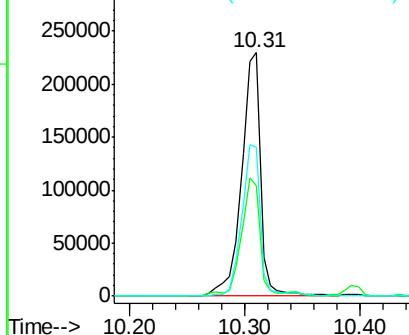


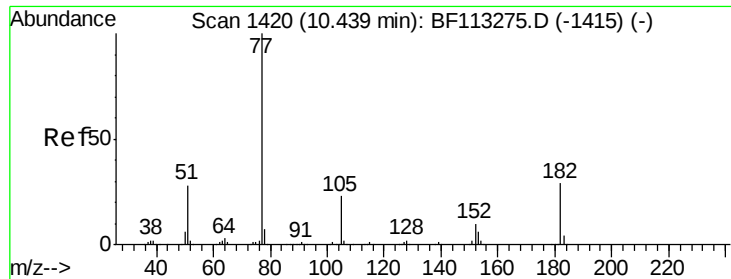
#62
4-Nitroaniline
Concen: 38.043 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	25.8	65.8
108	61.4	44.0	84.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





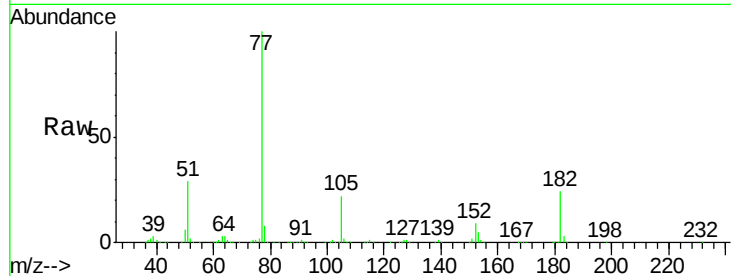
#63
Azobenzene
Concen: 38.854 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	8.7	48.7
105	22.5	2.9	42.9
51	29.5	8.8	48.8

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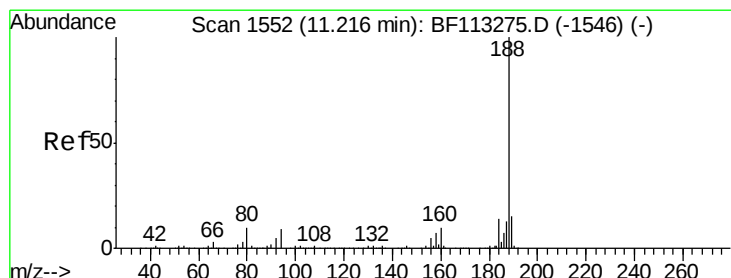
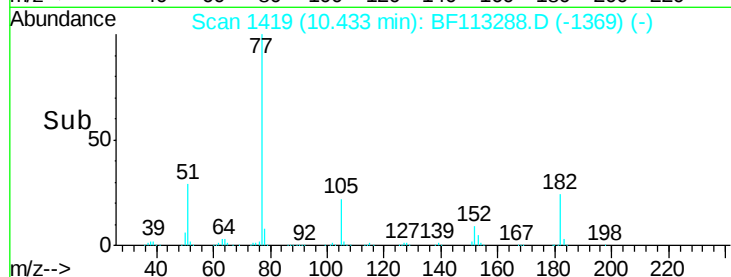
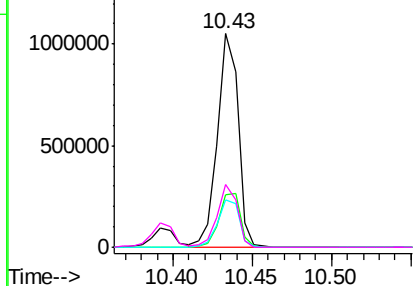


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



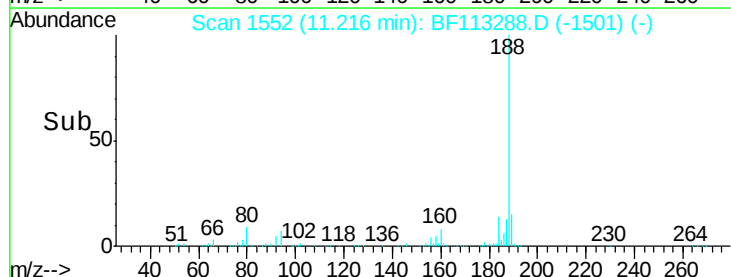
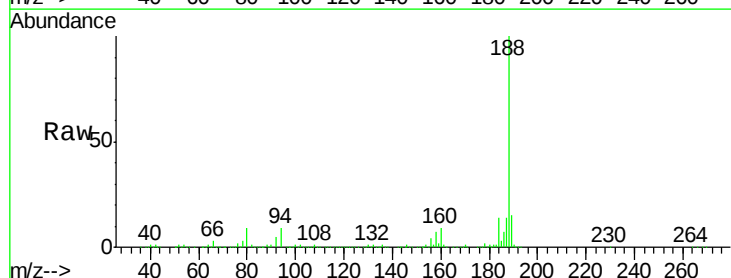
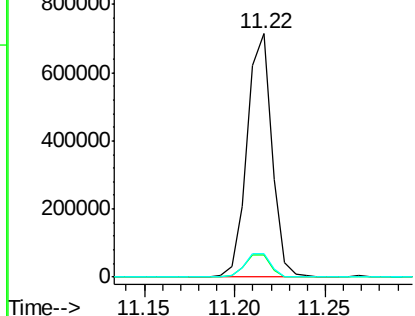
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

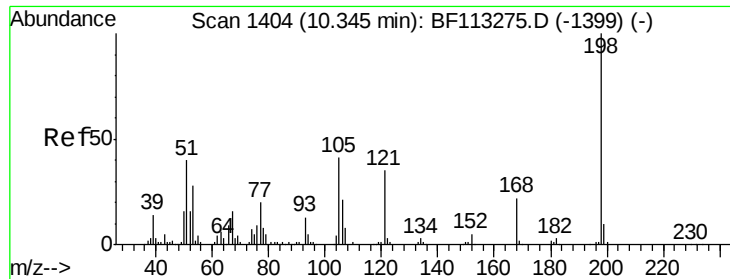
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.4	7.7	11.5

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: 32.614 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:198 Resp: 121655
Ion Ratio Lower Upper

198 100

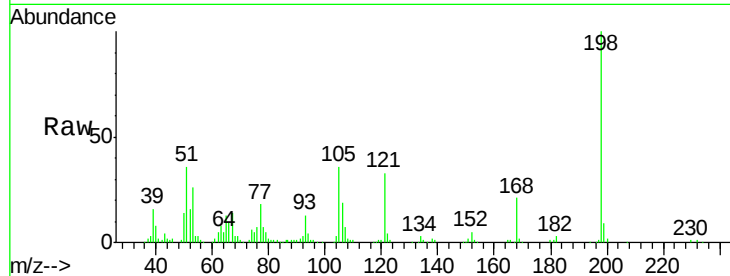
51 36.1 21.6 61.6

105 35.9 20.6 60.6

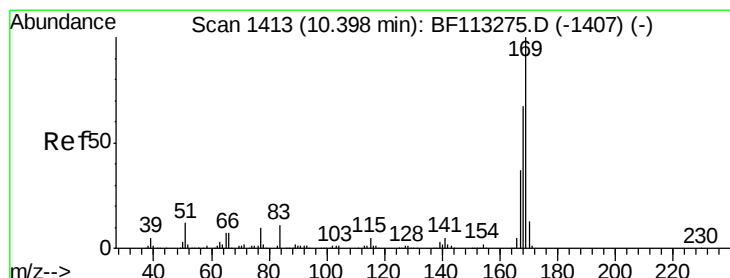
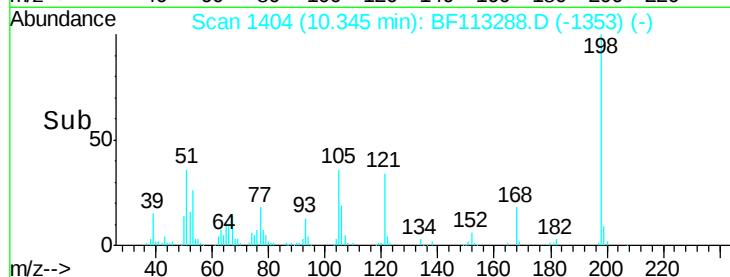
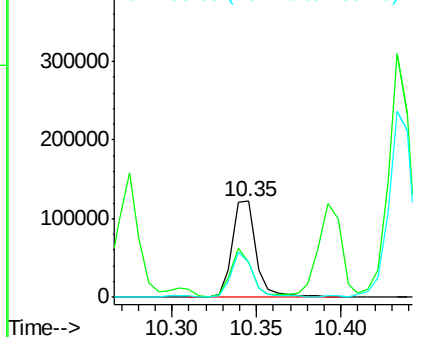
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.117 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

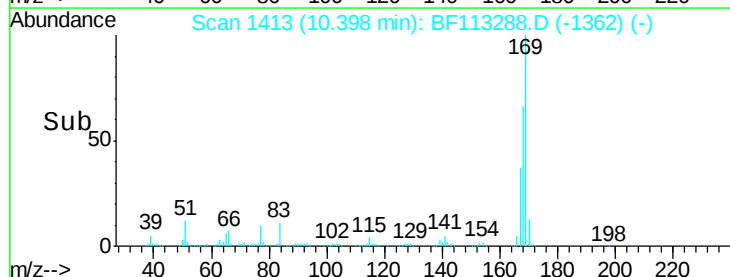
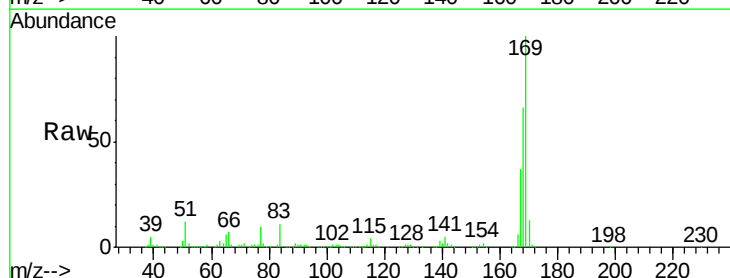
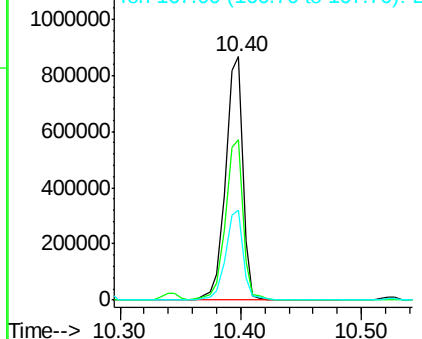
Tgt Ion:169 Resp: 860308
Ion Ratio Lower Upper

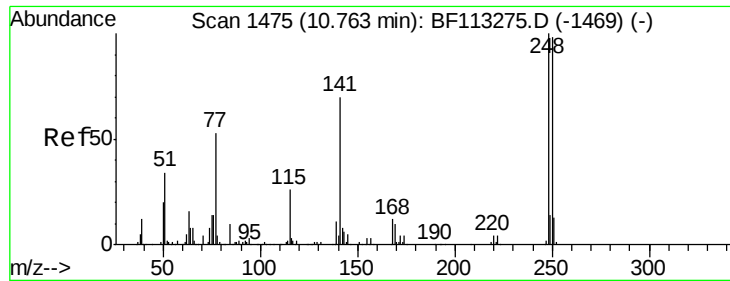
169 100

168 66.1 53.7 80.5

167 37.0 29.5 44.3

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





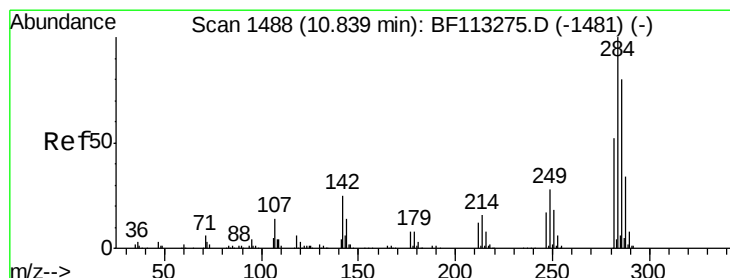
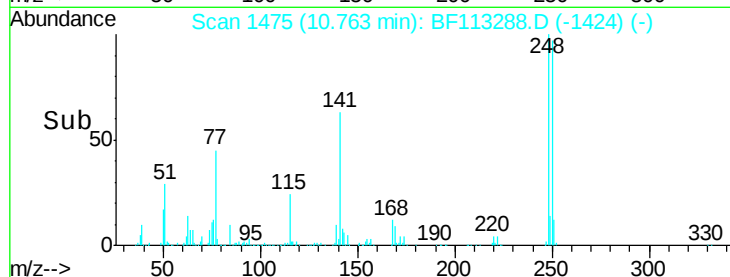
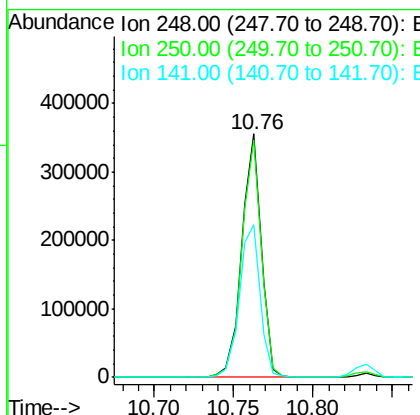
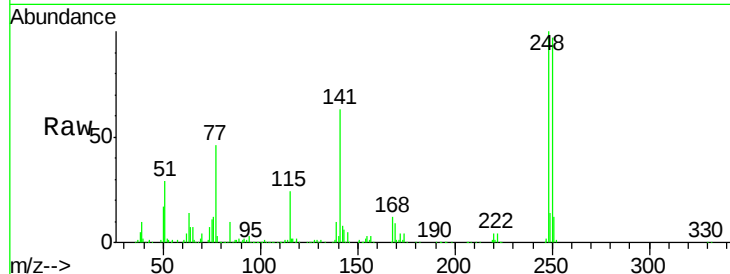
#67
 4-Bromophenyl-phenylether
 Concen: 40.805 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.3	117.5
141	62.8	56.2	84.4

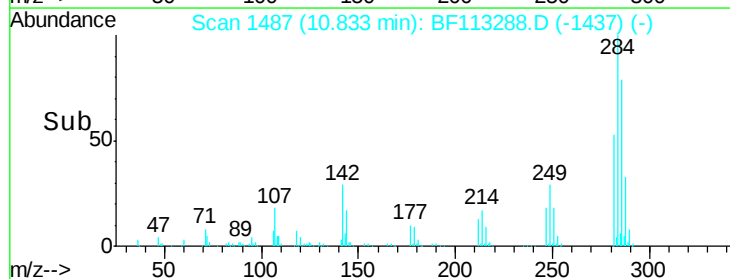
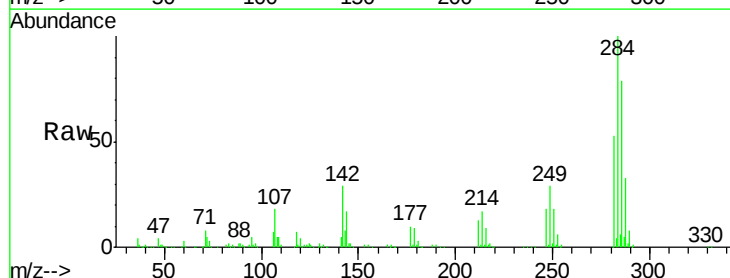
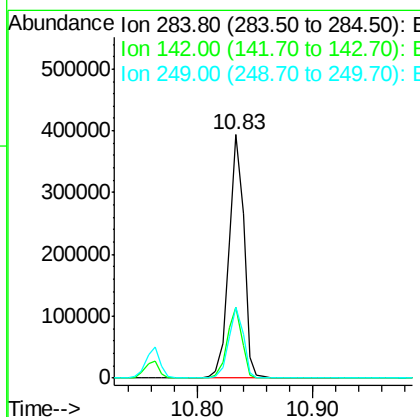
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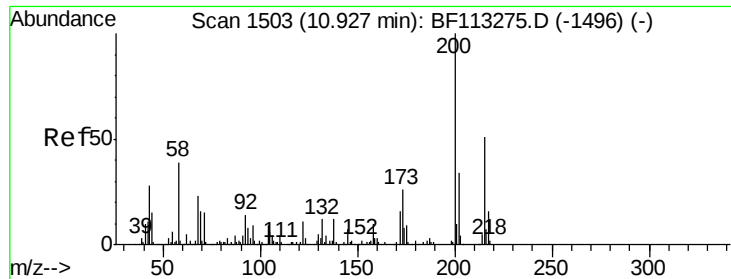
Sohil
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#68
 Hexachlorobenzene
 Concen: 40.725 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	20.1	30.1
249	29.0	22.7	34.1





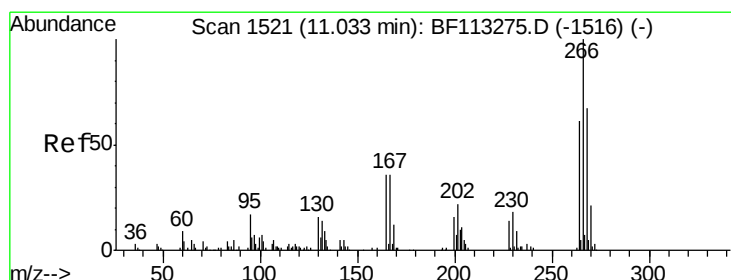
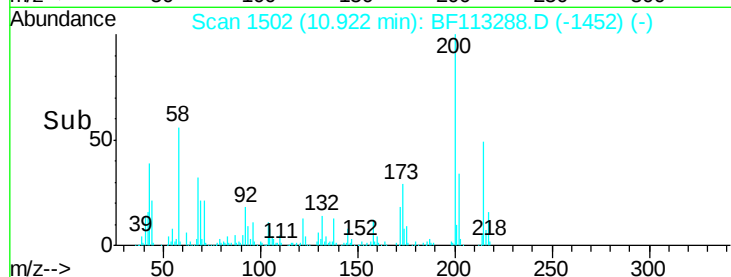
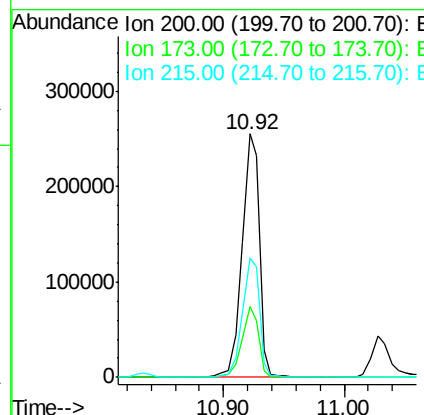
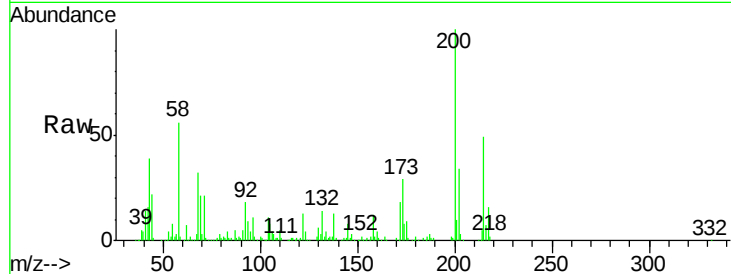
#69
Atrazine
Concen: 38.768 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	6.0	46.0
215	48.9	31.3	71.3

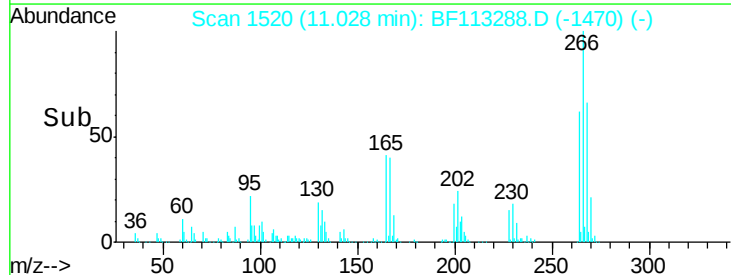
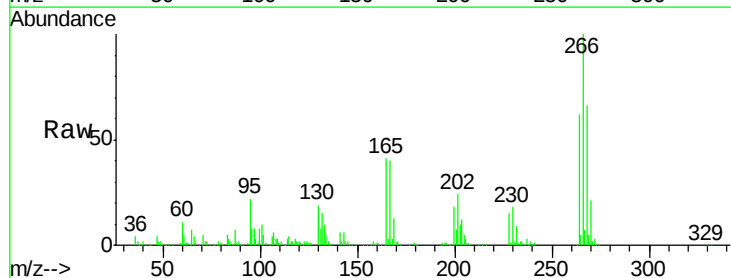
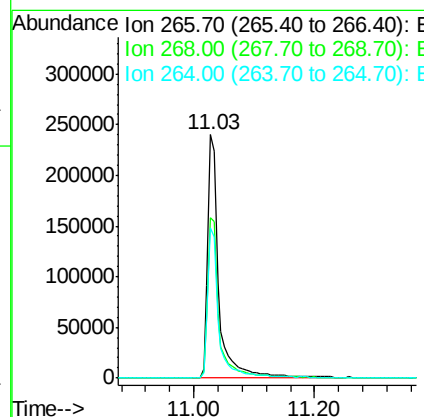
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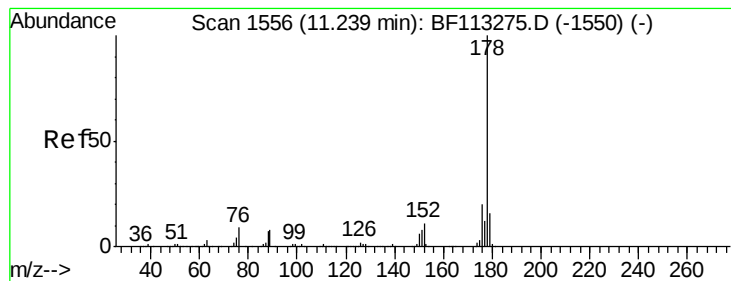
Sohil
3/27/2019 3:17:37 PM



#70
Pentachlorophenol
Concen: 69.273 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	53.8	80.6
264	61.7	49.2	73.8





#71

Phenanthrene

Concen: 39.649 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB118273BS

Tgt Ion:178 Resp: 1342602

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

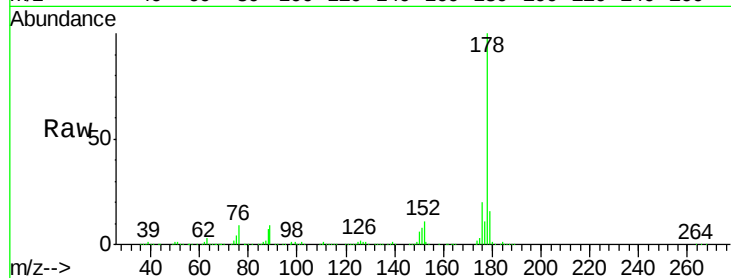
179 16.0 12.7 19.1

Manual Integrations

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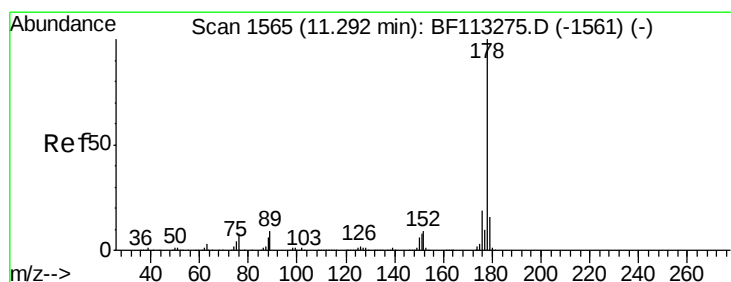
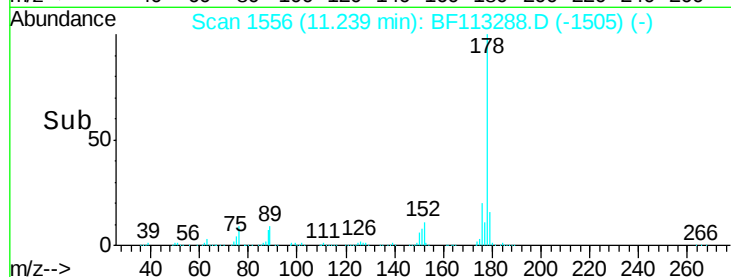
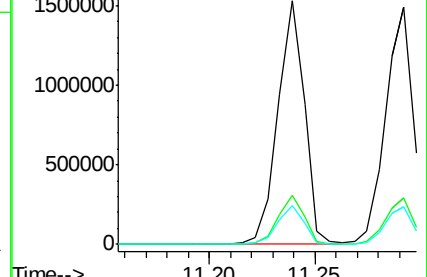
3/27/2019 3:17:37 PM



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: 40.407 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

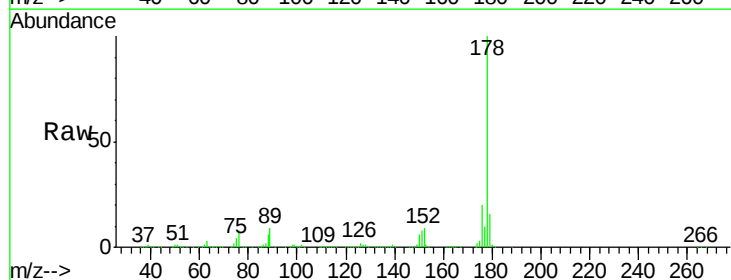
Tgt Ion:178 Resp: 1389791

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

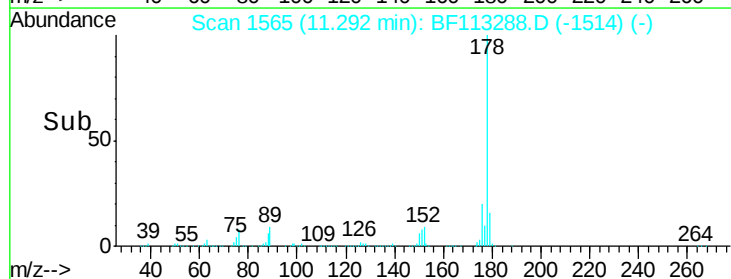
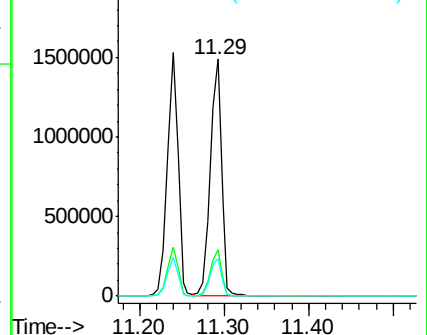
179 15.9 12.8 19.2

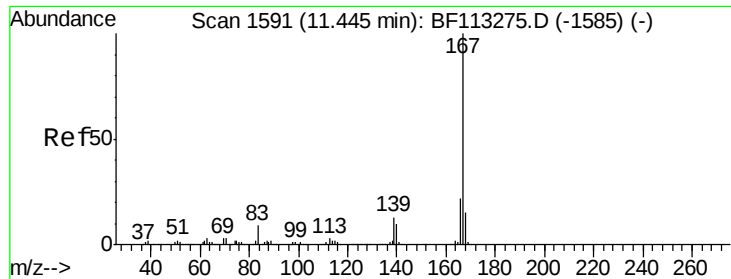


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





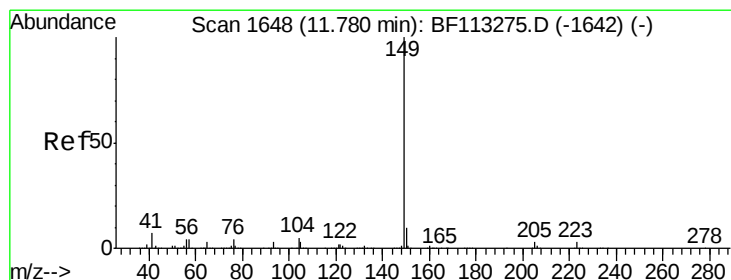
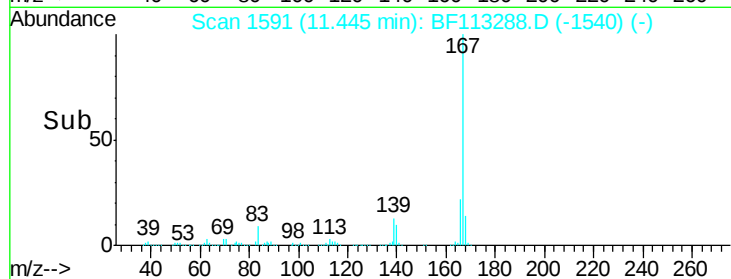
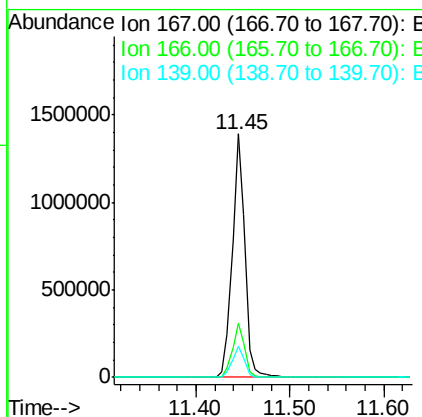
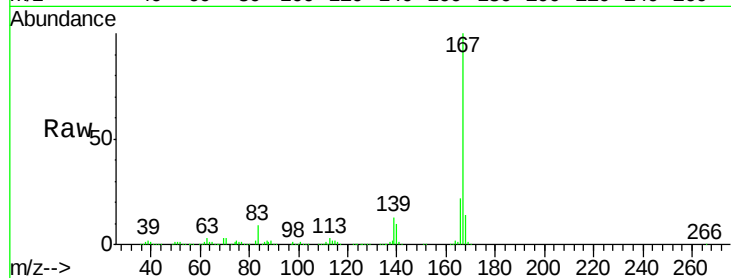
#73
 Carbazole
 Concen: 39.490 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.9	10.4	15.6

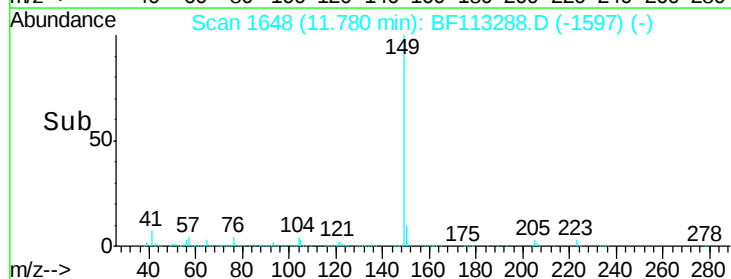
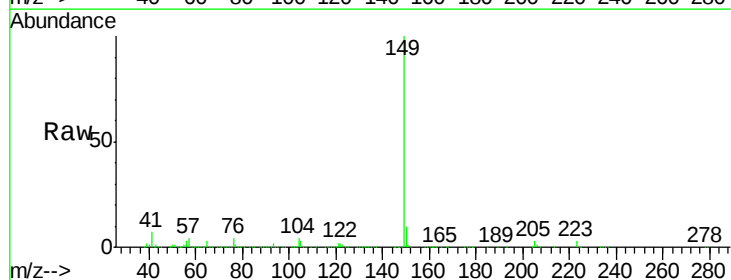
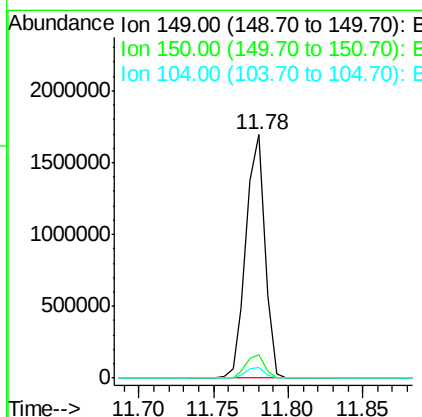
Manual Integrations
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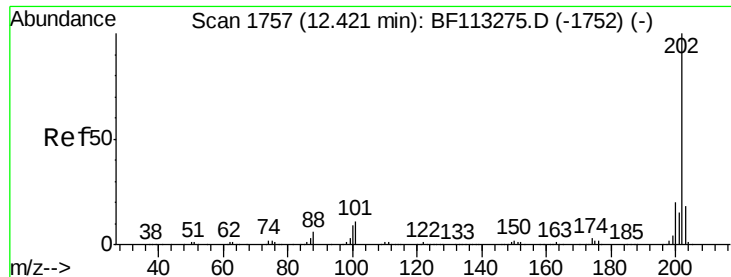
Sohil
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#74
 Di-n-butylphthalate
 Concen: 39.511 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	3.7	5.5





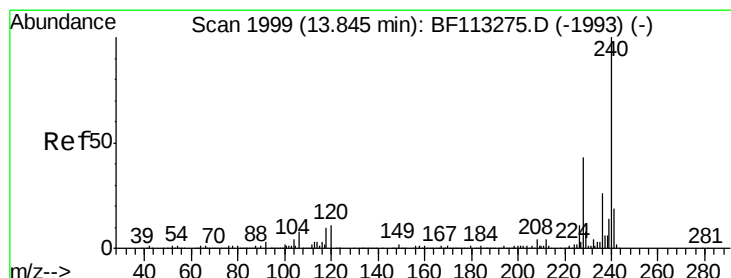
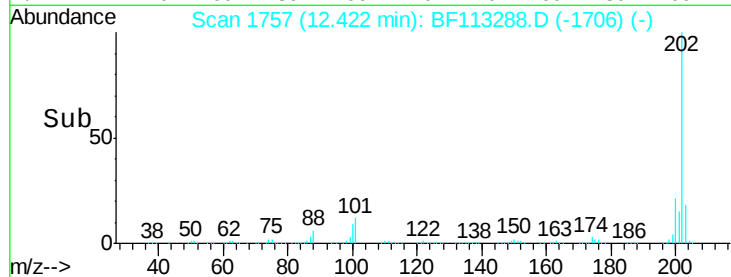
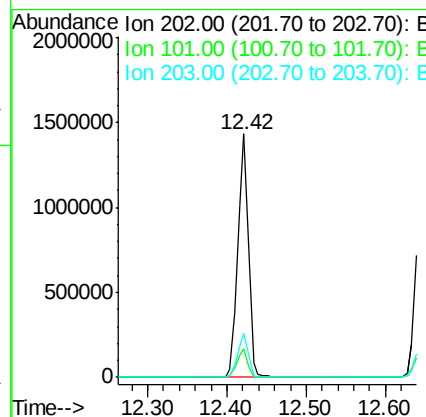
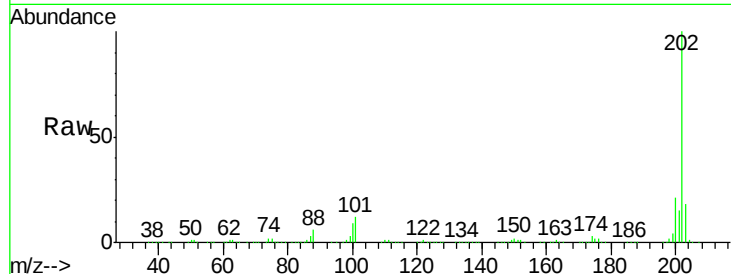
#75
 Fluoranthene
 Concen: 34.889 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1335555		
101	11.6	0.0	31.4	
203	18.2	0.0	38.0	

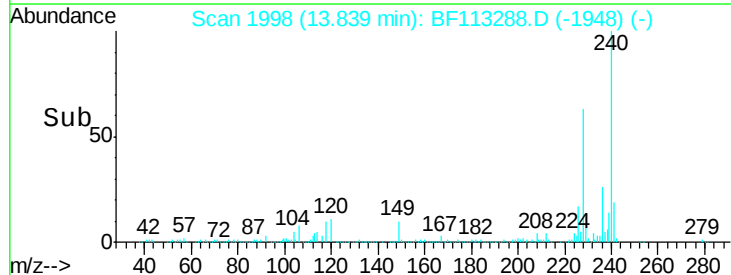
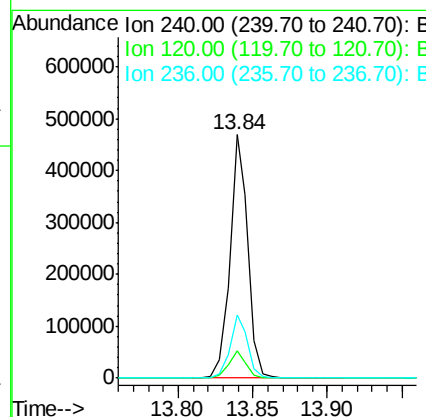
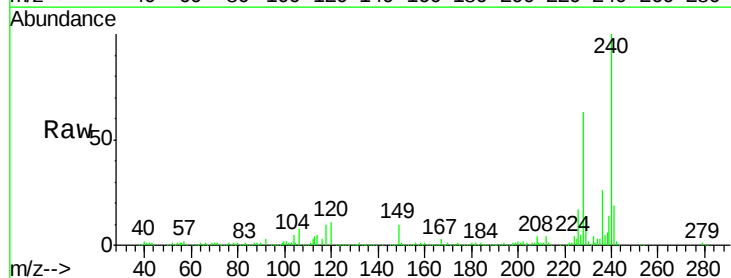
Manual Integrations
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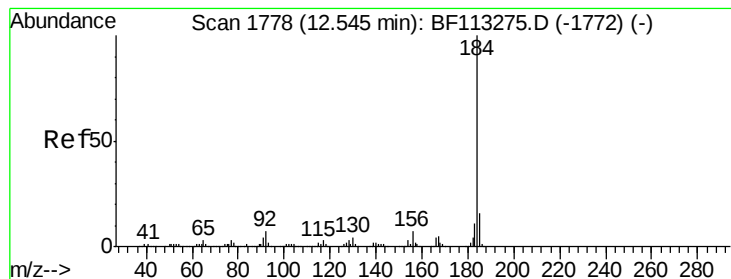
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	396191		
120	11.4	8.8	13.2	
236	25.9	20.9	31.3	





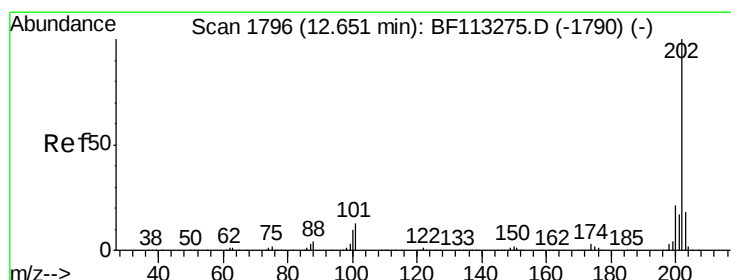
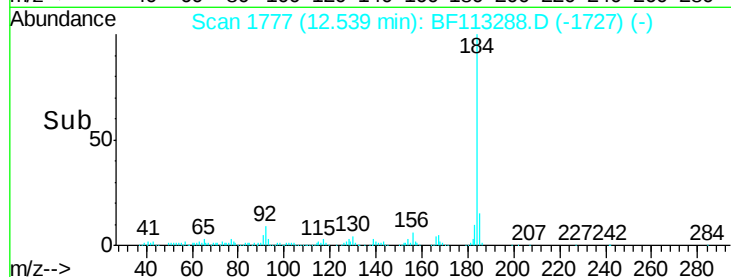
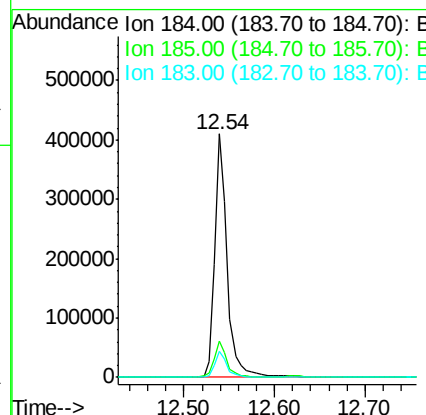
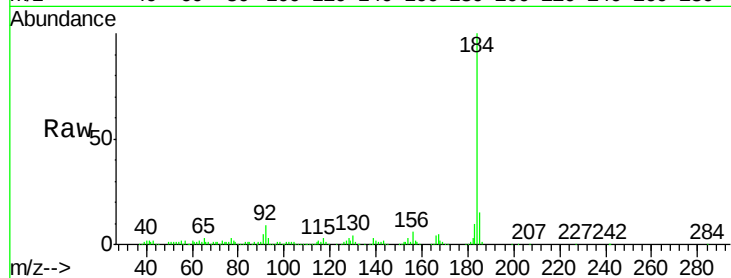
#77
Benzidine
Concen: 26.457 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.6
183	10.4	9.0	13.4

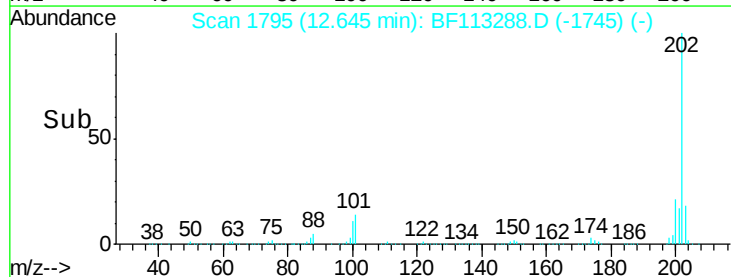
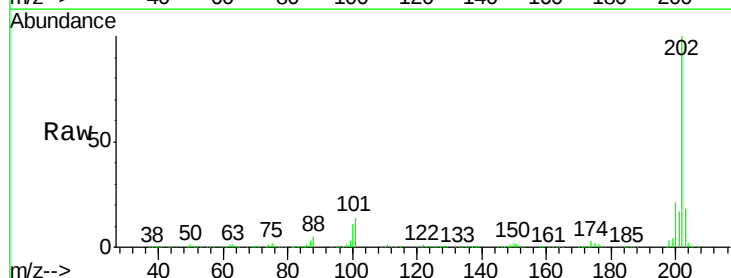
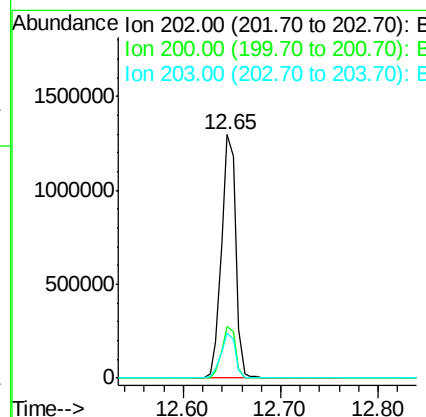
Manual Integrations
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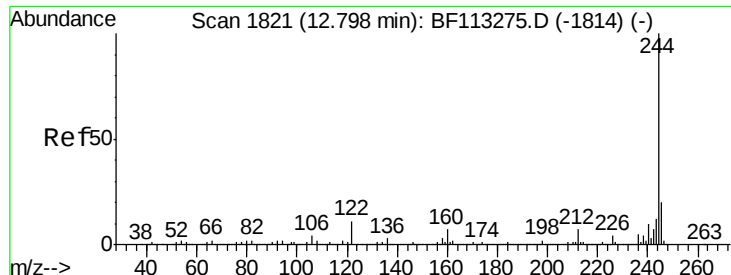
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#78
Pyrene
Concen: 48.114 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.4	14.4	21.6





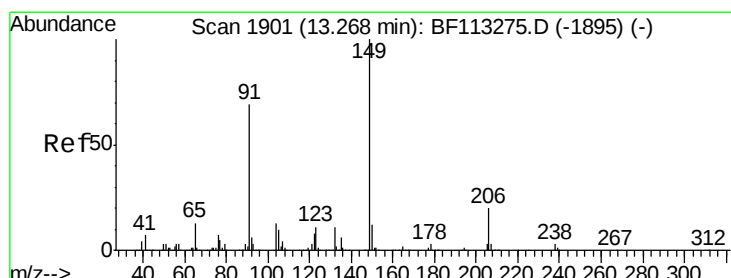
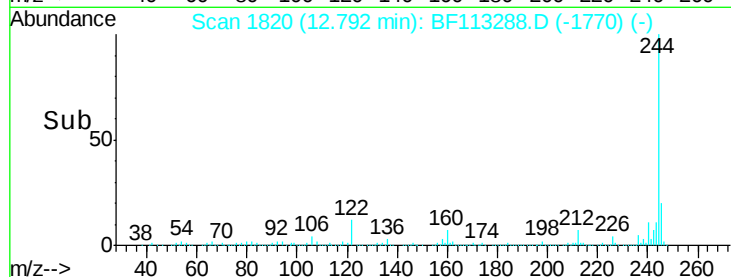
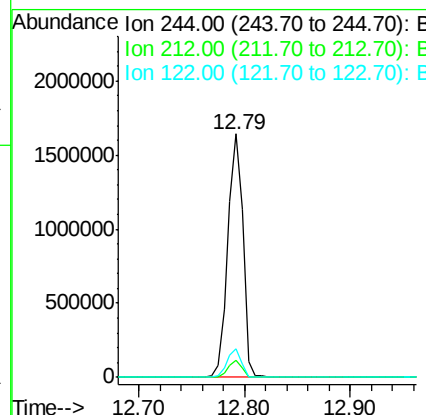
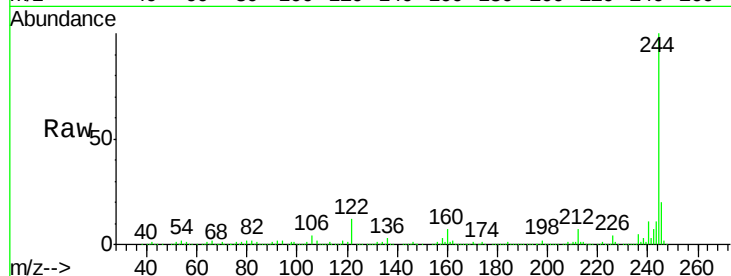
#79
 Terphenyl-d14
 Concen: 91.499 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB118273BS

Tgt Ion:244 Resp: 1644668
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.6 8.6 13.0

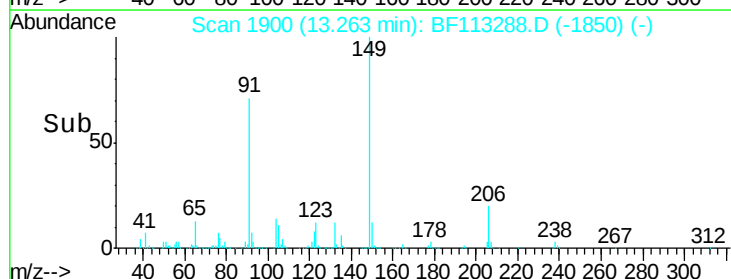
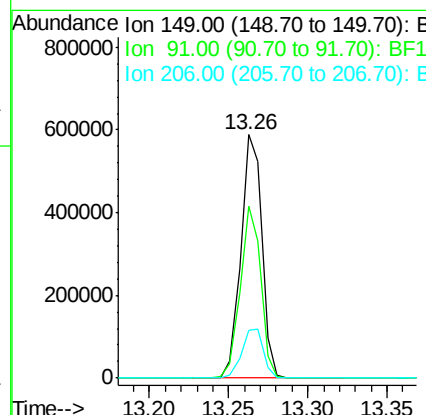
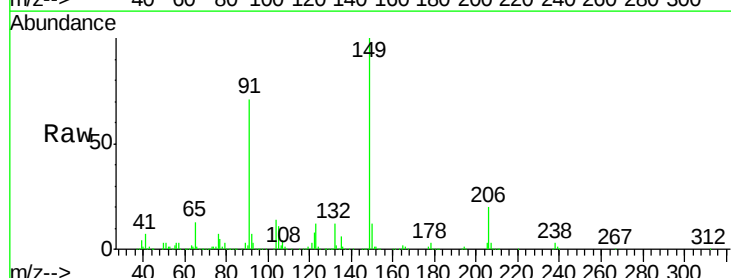
Manual Integrations
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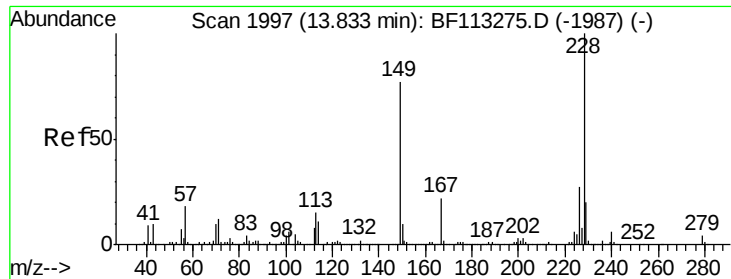
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#80
 Butylbenzylphthalate
 Concen: 44.757 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113288.D
 Acq: 26 Mar 2019 13:23

Tgt Ion:149 Resp: 541536
 Ion Ratio Lower Upper
 149 100
 91 70.7 55.2 82.8
 206 19.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 38.573 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

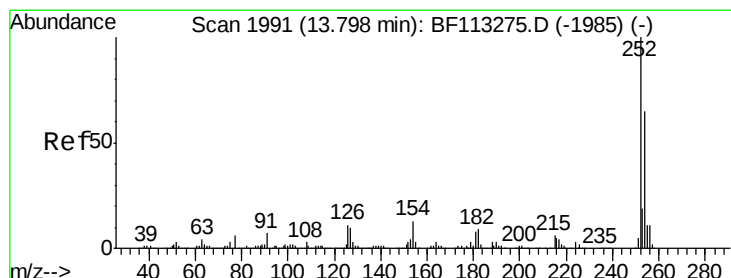
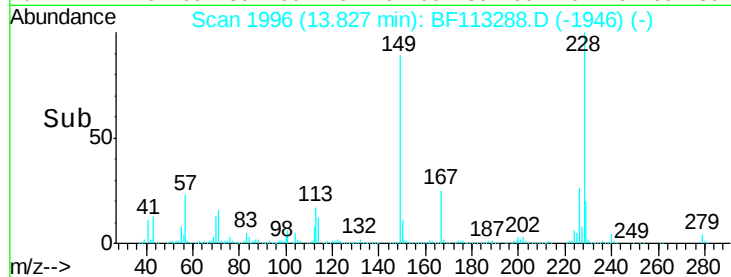
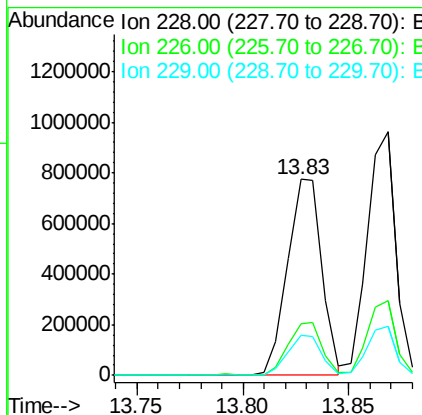
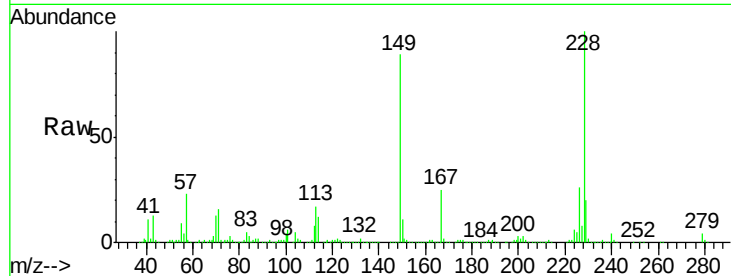
ClientSampleId :

PB118273BS

Tgt Ion:	228	Resp:	874778
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.8	32.8
229	20.3	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.782 ng

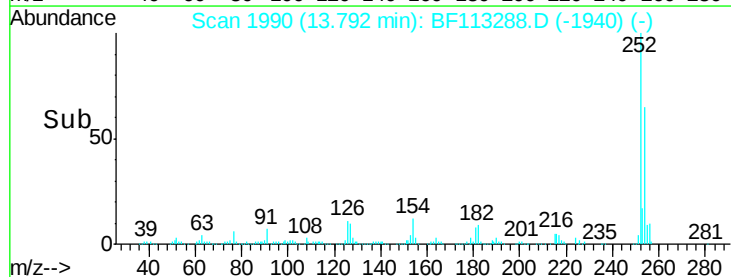
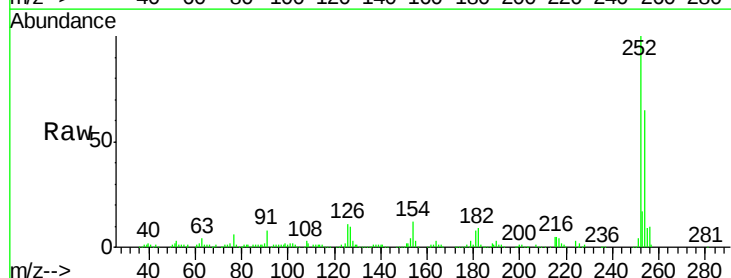
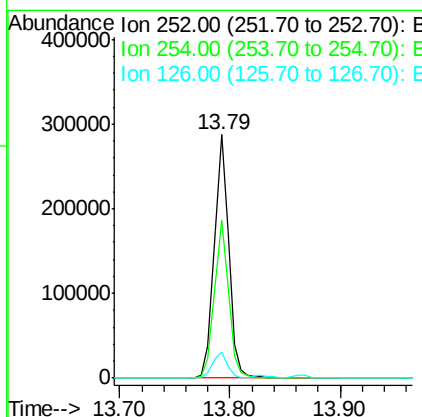
RT: 13.79 min Scan# 1990

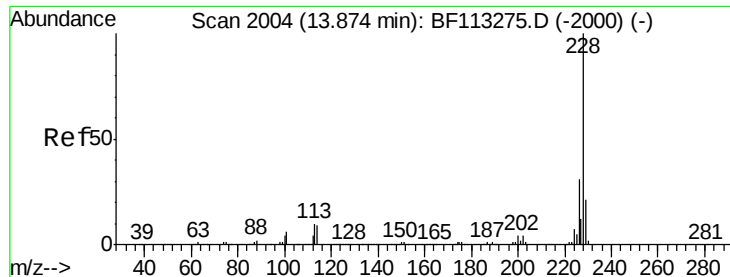
Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:	252	Resp:	261854
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	10.6	8.5	12.7





#83

Chrysene

Concen: 39.397 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Instrument :

BNA_F

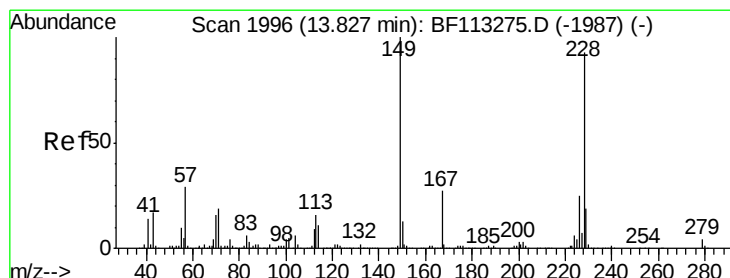
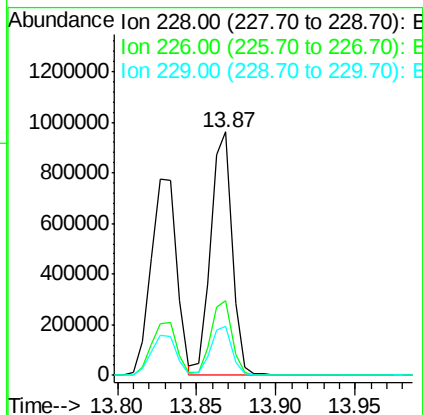
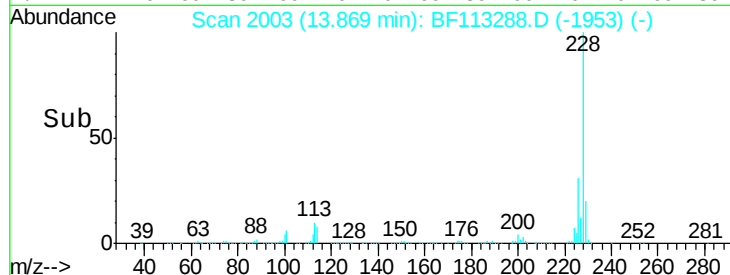
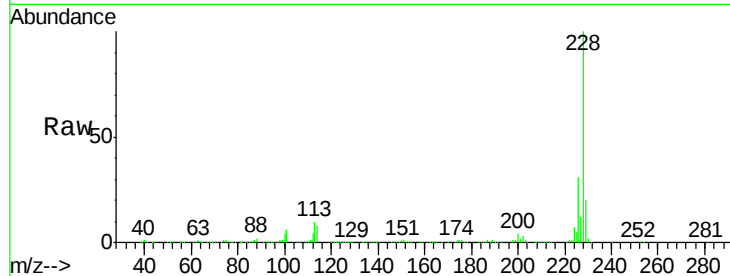
ClientSampleId :

PB118273BS

Tgt Ion:	228	Resp:	907521
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	20.1	16.3	24.5

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.481 ng

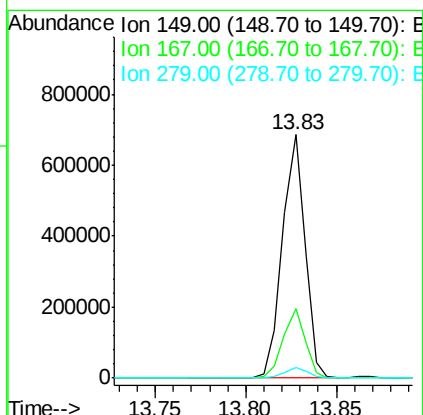
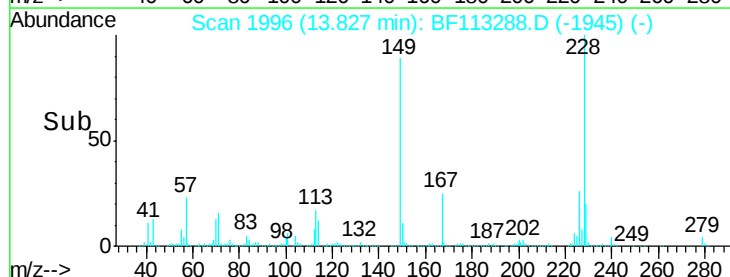
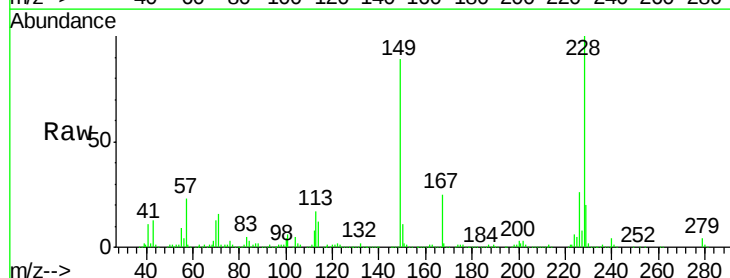
RT: 13.83 min Scan# 1996

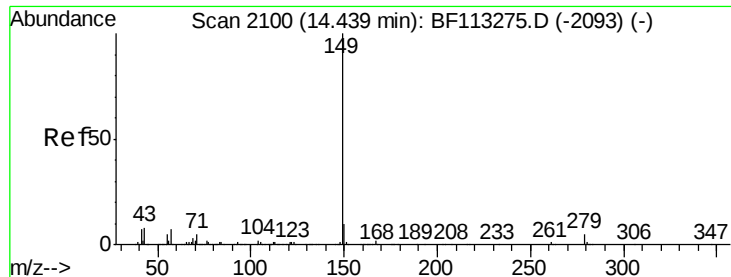
Delta R.T. 0.00 min

Lab File: BF113288.D

Acq: 26 Mar 2019 13:23

Tgt Ion:	149	Resp:	600450
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.8	32.8
279	4.2	2.9	4.3





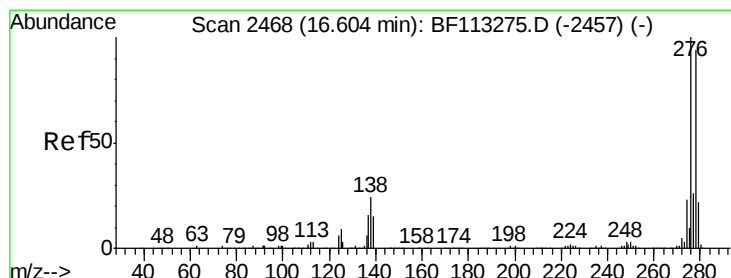
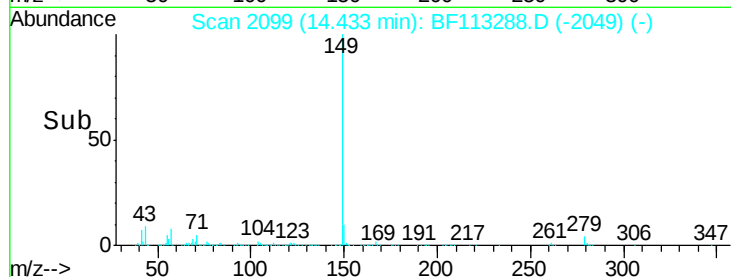
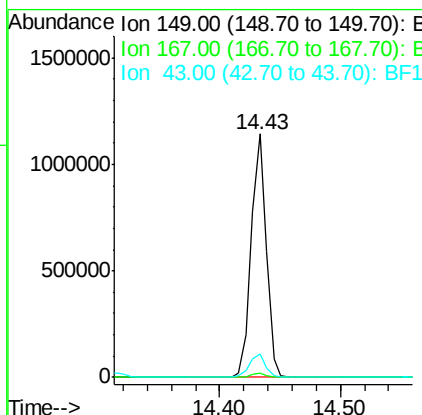
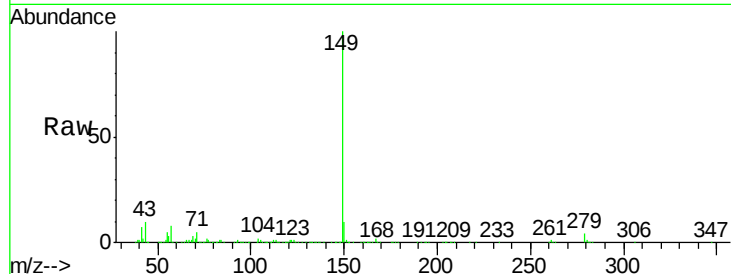
#85
Di-n-octyl phthalate
Concen: 39.764 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.7	7.7	11.5

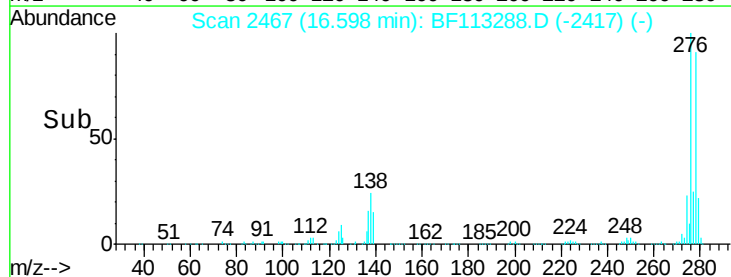
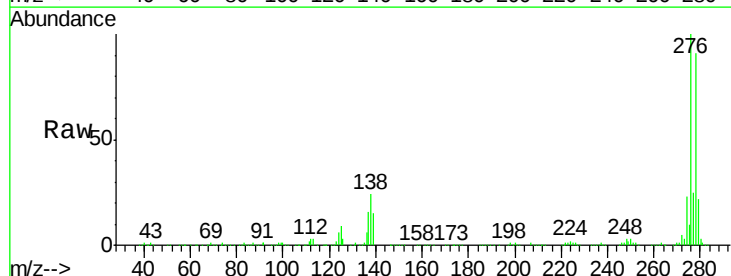
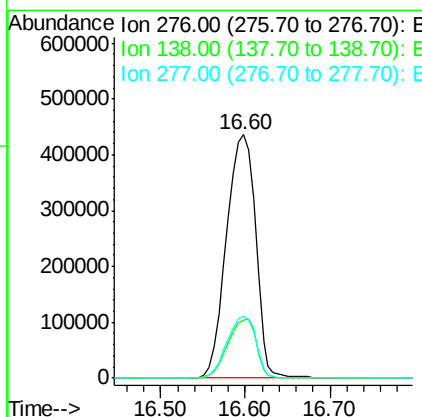
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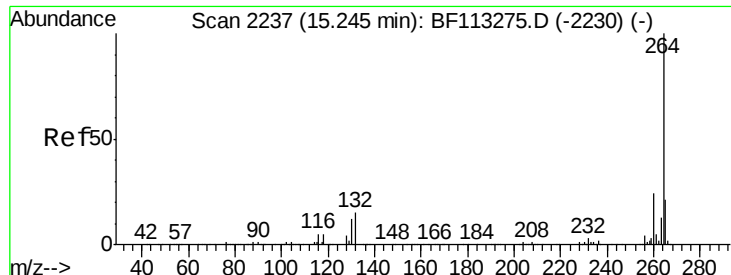
Sohil
3/27/2019 3:17:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.581 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.1	27.1
277	25.2	20.2	30.4





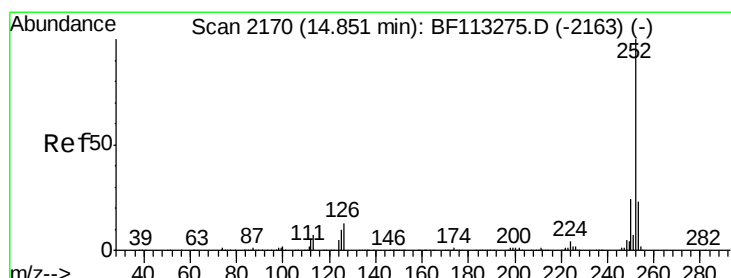
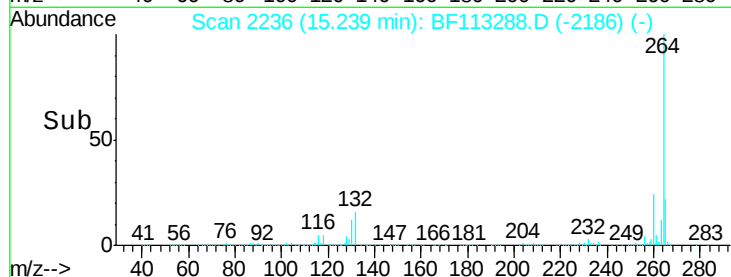
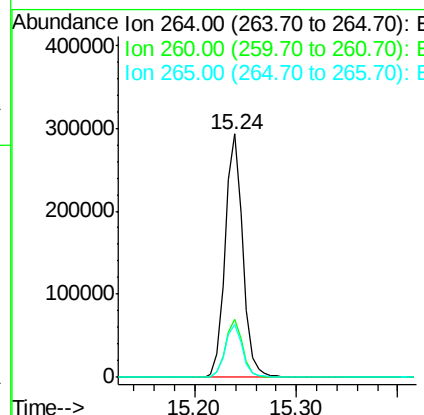
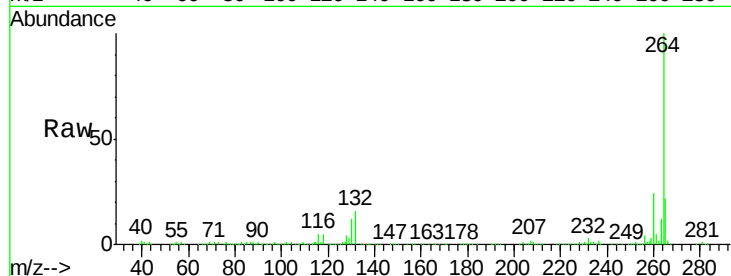
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.1	25.7

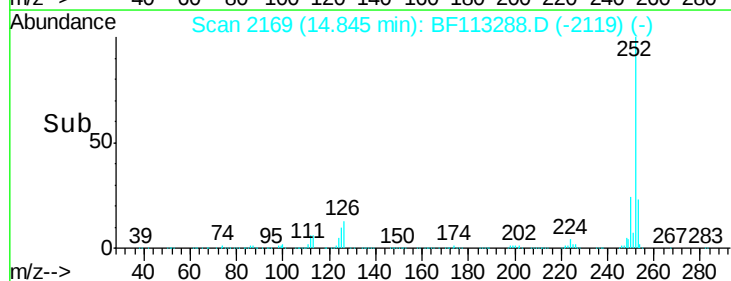
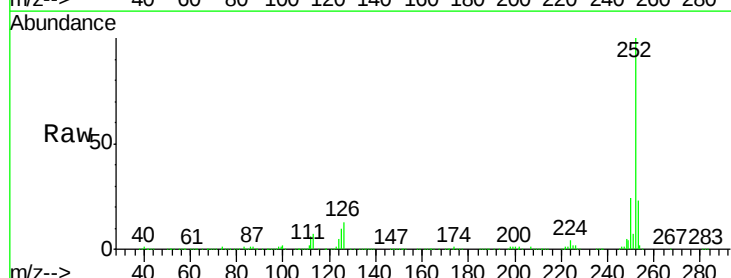
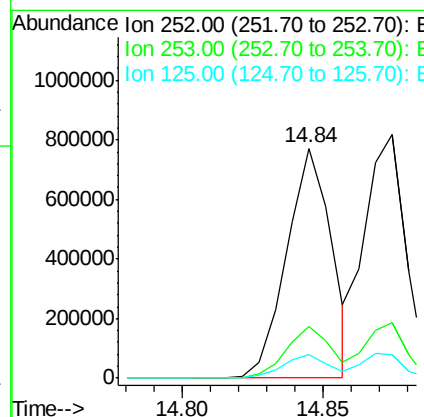
Manual Integrations
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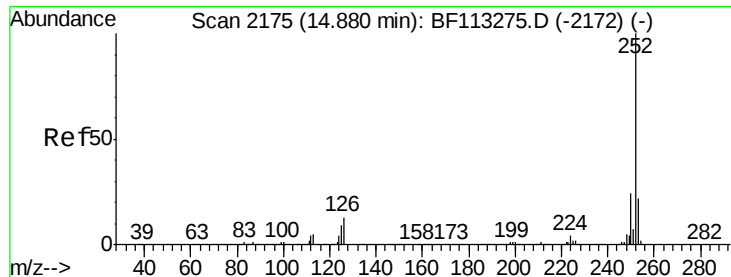
Sohil
3/27/2019 3:17:37 PM



#88
Benzo(b)fluoranthene
Concen: 38.722 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.3	7.6	11.4





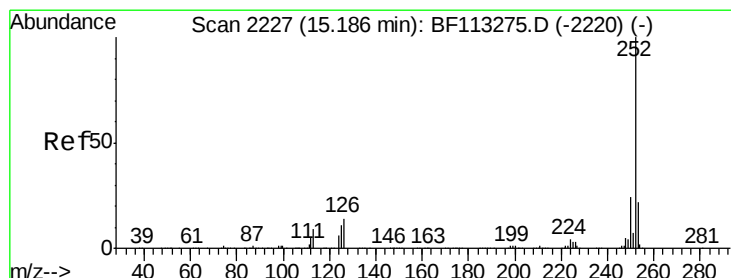
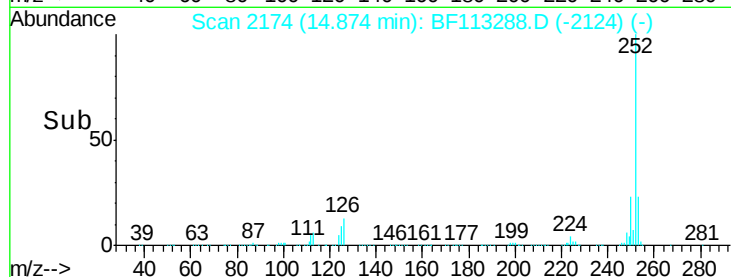
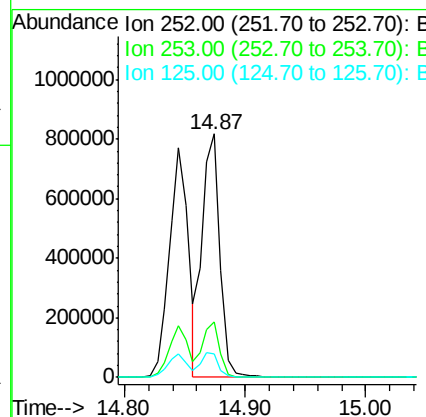
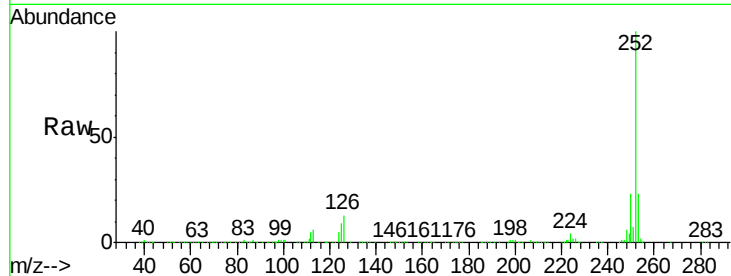
#89
Benzo(k)fluoranthene
Concen: 43.238 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.5	7.3	10.9

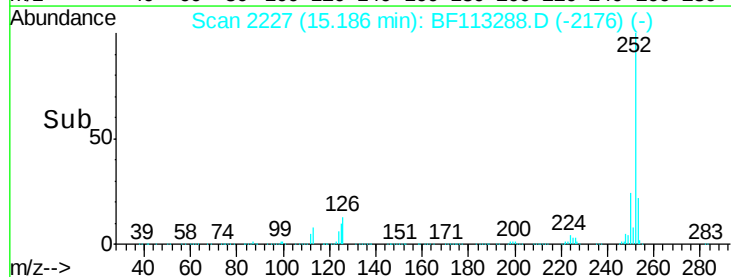
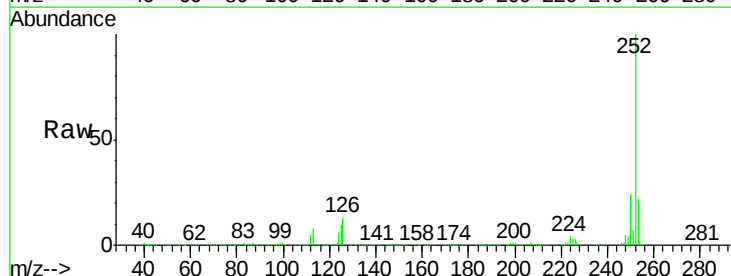
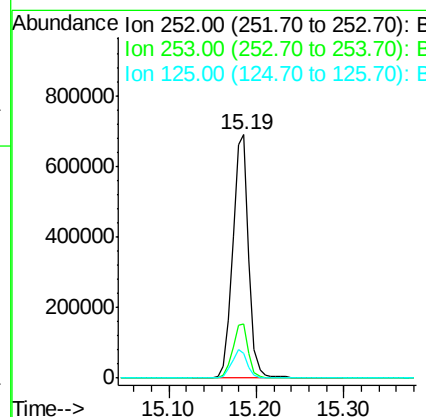
Manual Integrations
APPROVED

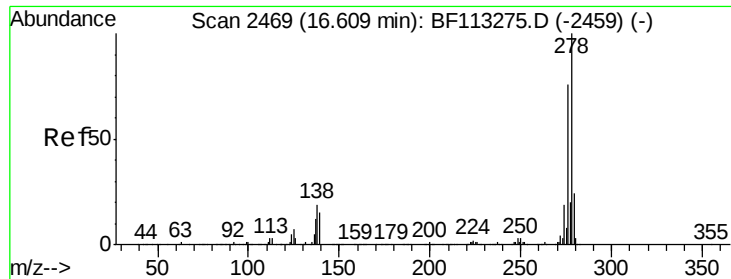
Sohil
3/27/2019 3:17:37 PM



#90
Benzo(a)pyrene
Concen: 44.151 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.3	8.8	13.2





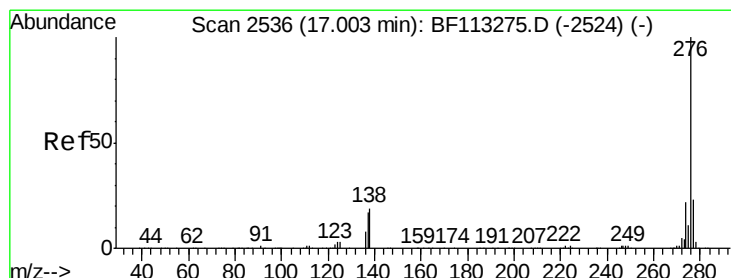
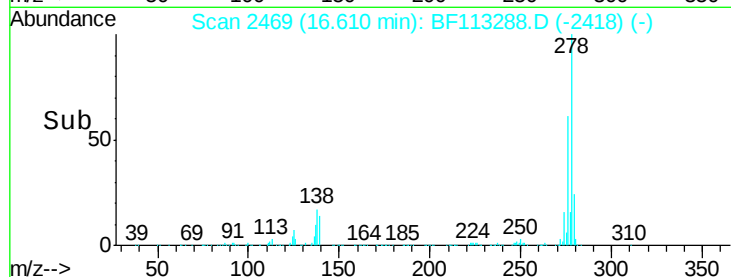
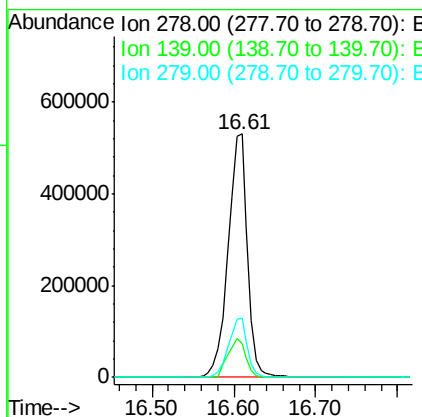
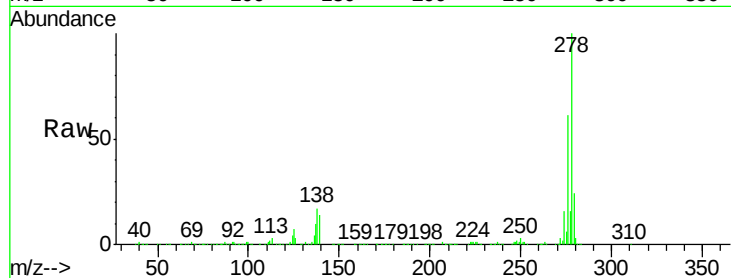
#91
Dibenzo(a,h)anthracene
Concen: 51.890 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.0	18.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:37 PM



#92
Benzo(g,h,i)perylene
Concen: 54.022 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113288.D
Acq: 26 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.2	15.6	23.4

