

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113561.D
 Acq On : 3 Apr 2019 23:46
 Operator : JU/SJ
 Sample : K2190-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Manual Integrations
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Sohil
 4/4/2019 10:57:54 AM

Quant Time: Apr 04 05:51:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120831	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	422833	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	180714	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	324053	20.00	ng	0.00
76) Chrysene-d12	13.84	240	301410	20.00	ng	0.00
87) Perylene-d12	15.25	264	286869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	796935	112.47	ng	0.01
7) Phenol-d6	6.34	99	925091	105.93	ng	0.00
23) Nitrobenzene-d5	7.25	82	635863	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	270248	124.49	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1146052	102.10	ng	0.00
79) Terphenyl-d14	12.79	244	1135293	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	113862	33.927	ng	# 84
3) Pyridine	3.19	79	75743	8.624	ng	94
4) n-Nitrosodimethylamine	3.05	42	128704	34.490	ng	89
6) Aniline	6.36	93	29533	2.790	ng	# 1
8) 2-Chlorophenol	6.47	128	310332	37.853	ng	100
9) Benzaldehyde	6.23	77	218570	42.090	ng	97
10) Phenol	6.35	94	316964	31.777	ng	# 68
11) bis(2-Chloroethyl)ether	6.43	93	306943	39.560	ng	99
12) 1,3-Dichlorobenzene	6.63	146	334727	37.913	ng	98
13) 1,4-Dichlorobenzene	6.70	146	343578	38.510	ng	98
14) 1,2-Dichlorobenzene	6.86	146	317475	39.422	ng	98
15) Benzyl Alcohol	6.84	79	228238	38.651	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	479064	39.667	ng	95
17) 2-Methylphenol	6.96	107	237488	37.380	ng	98
18) Hexachloroethane	7.19	117	115635	35.608	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	210428	39.074	ng	98
20) 3+4-Methylphenols	7.11	107	300507	39.036	ng	98
22) Acetophenone	7.10	105	421260	45.361	ng	# 96
24) Nitrobenzene	7.27	77	318212	42.805	ng	95
25) Isophorone	7.51	82	571409	41.092	ng	98
26) 2-Nitrophenol	7.59	139	160645	40.151	ng	97
27) 2,4-Dimethylphenol	7.63	122	230478	40.294	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	378838	43.091	ng	99
29) 2,4-Dichlorophenol	7.84	162	257882	42.138	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	281182	42.309	ng	98
31) Naphthalene	7.99	128	883368	43.118	ng	99
32) Benzoic acid	7.76	122	53254	12.023	ng	98
33) 4-Chloroaniline	8.05	127	19718	2.427	ng	98
34) Hexachlorobutadiene	8.11	225	169913	41.935	ng	99
35) Caprolactam	8.41	113	47946m	24.680	ng	
36) 4-Chloro-3-methylphenol	8.54	107	238007	38.742	ng	99
37) 2-Methylnaphthalene	8.68	142	580356	43.071	ng	97
38) 1-Methylnaphthalene	8.78	142	536890	41.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	271166	46.397	ng	99

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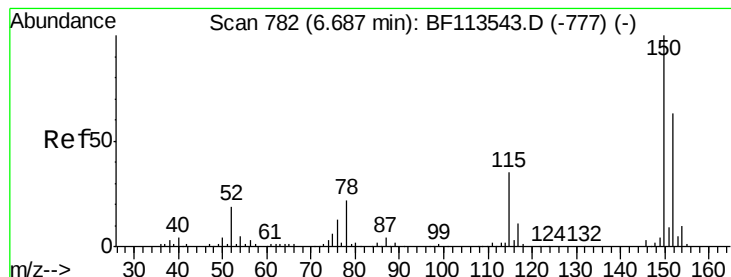
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	69715	41.765	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	167653	45.445	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	175710	44.364	ng	98
46) 1,1'-Biphenyl	9.15	154	690802	46.324	ng	99
47) 2-Chloronaphthalene	9.17	162	513065	45.442	ng	99
48) 2-Nitroaniline	9.27	65	150882	43.673	ng	97
49) Acenaphthylene	9.58	152	800090	43.578	ng	99
50) Dimethylphthalate	9.45	163	602788	45.251	ng	100
51) 2,6-Dinitrotoluene	9.52	165	123382	42.019	ng	90
52) Acenaphthene	9.76	154	462859	44.041	ng	99
53) 3-Nitroaniline	9.68	138	36226	10.851	ng	97
54) 2,4-Dinitrophenol	9.81	184	23398	17.032	ng	96
55) Dibenzofuran	9.93	168	683378	44.327	ng	99
56) 4-Nitrophenol	9.87	139	130893	63.205	ng	94
57) 2,4-Dinitrotoluene	9.92	165	145258	40.903	ng	91
58) Fluorene	10.27	166	518731	42.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	144359	42.108	ng	98
60) Diethylphthalate	10.15	149	567033	44.150	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	264193	44.050	ng	95
62) 4-Nitroaniline	10.30	138	121763	35.867	ng	95
63) Azobenzene	10.42	77	507745	41.753	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	19964	11.702	ng	95
66) n-Nitrosodiphenylamine	10.38	169	465424	46.785	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	161945	44.559	ng	95
68) Hexachlorobenzene	10.83	284	179479	43.099	ng	98
69) Atrazine	10.91	200	137760	43.934	ng	96
70) Pentachlorophenol	11.02	266	108710	55.400	ng	98
71) Phenanthrene	11.23	178	709583	44.067	ng	99
72) Anthracene	11.28	178	738407	45.072	ng	99
73) Carbazole	11.44	167	678147	44.257	ng	99
74) Di-n-butylphthalate	11.77	149	839074	46.033	ng	100
75) Fluoranthene	12.42	202	783616	45.414	ng	100
77) Benzidine	12.54	184	19420	1.733	ng	97
78) Pyrene	12.64	202	807430	35.207	ng	98
80) Butylbenzylphthalate	13.26	149	359171	38.474	ng	96
81) Benzo(a)anthracene	13.83	228	710472	40.862	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	84946	12.684	ng	100
83) Chrysene	13.87	228	726854	41.239	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	482887	42.782	ng	# 97
85) Di-n-octyl phthalate	14.43	149	920259	50.158	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	702618	43.176	ng	98
88) Benzo(b)fluoranthene	14.85	252	706013	40.206	ng	99
89) Benzo(k)fluoranthene	14.88	252	731742	46.431	ng	99
90) Benzo(a)pyrene	15.19	252	685889	43.957	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	604714	41.442	ng	99
92) Benzo(g,h,i)perylene	17.02	276	572479	38.438	ng	98

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



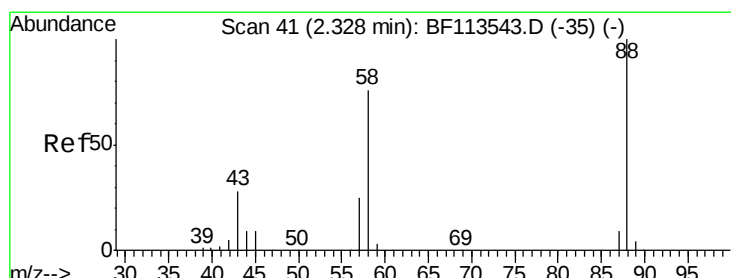
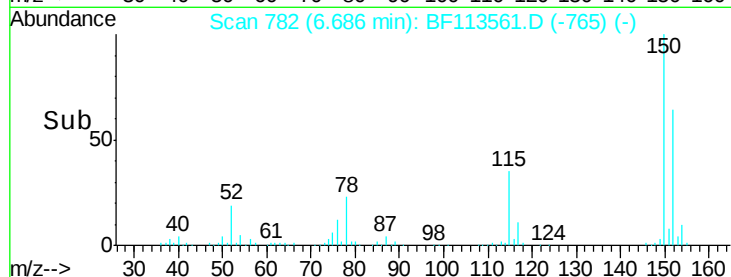
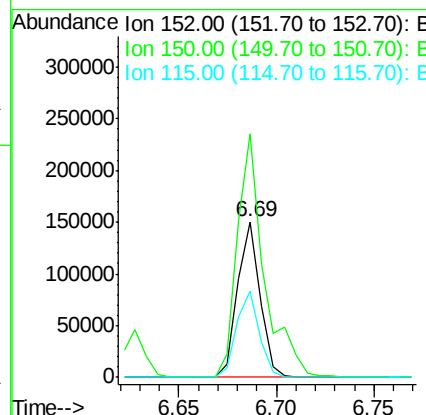
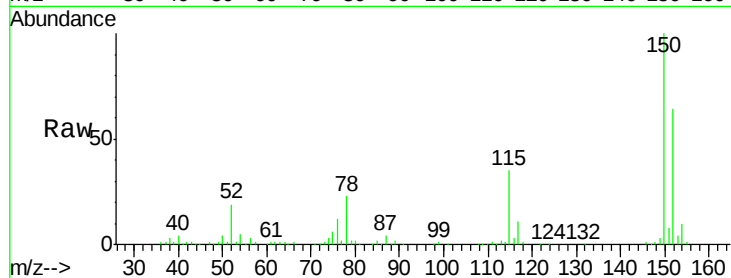
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	55.4	46.0	69.0

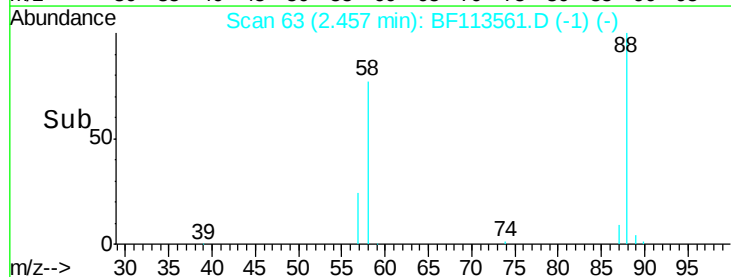
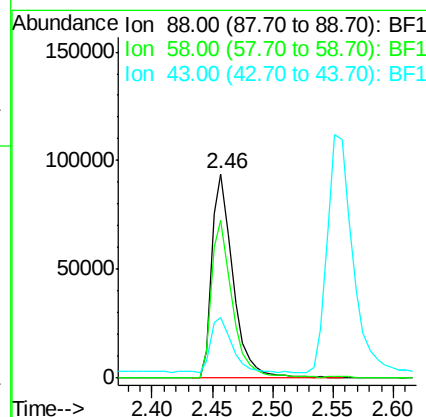
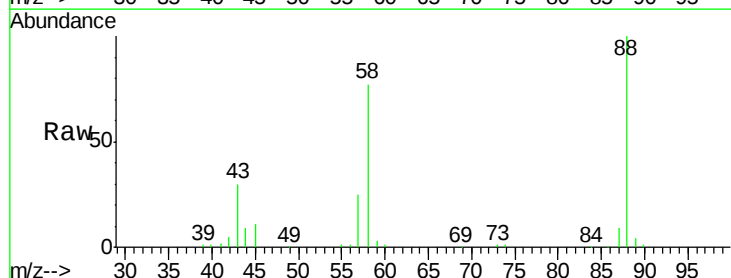
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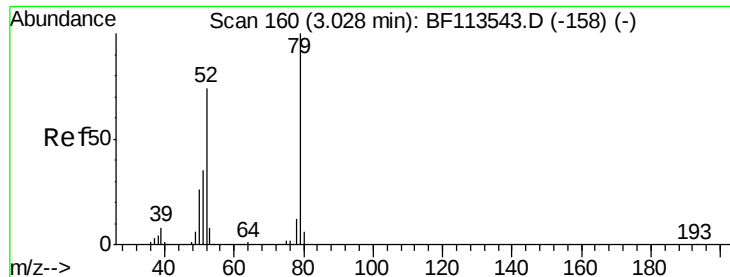
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#2
 1,4-Dioxane
 Concen: 33.927 ng
 RT: 2.46 min Scan# 63
 Delta R.T. 0.13 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	61.9	92.9
43	0.0	24.2	36.4





#3

Pyridine

Concen: 8.624 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.16 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

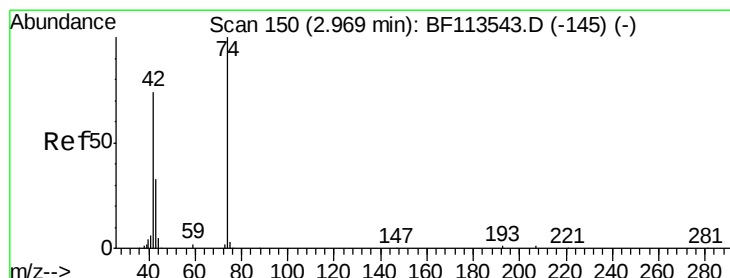
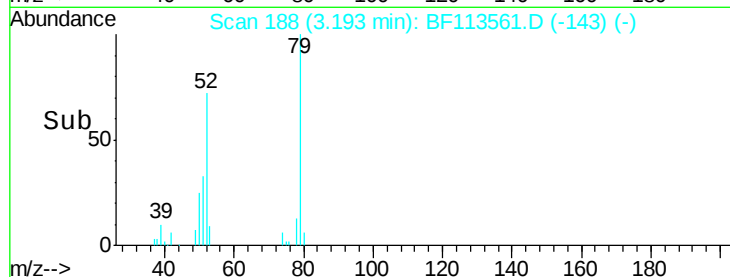
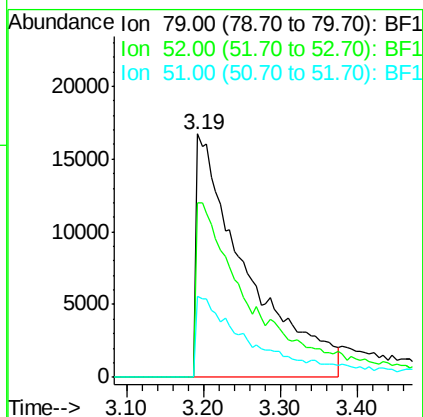
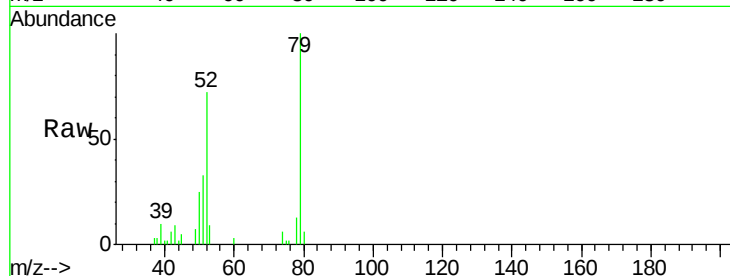
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	79	Resp:	75743
Ion	Ratio	Lower	Upper
79	100		
52	71.9	61.0	91.4
51	33.5	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 34.490 ng

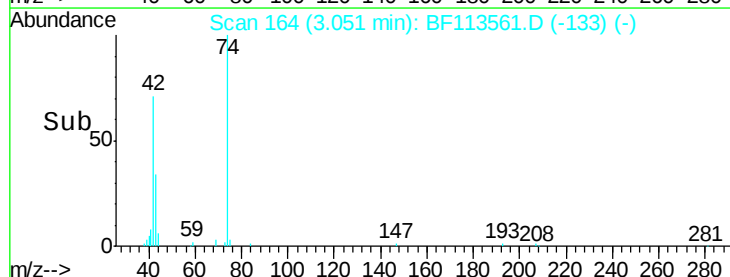
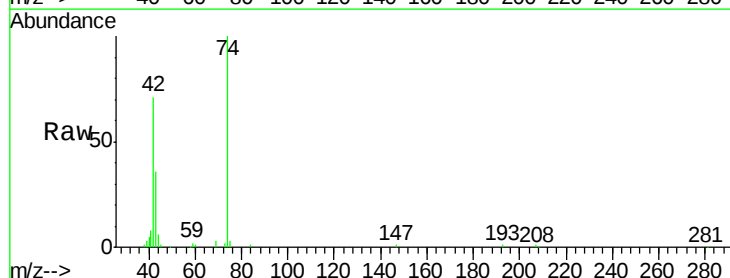
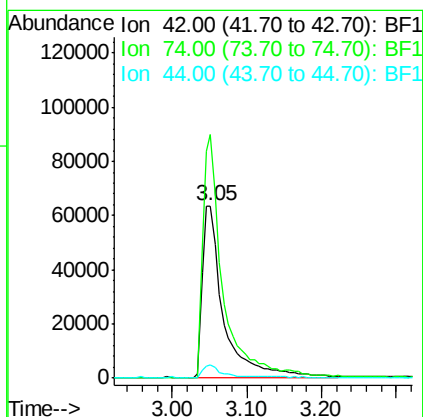
RT: 3.05 min Scan# 164

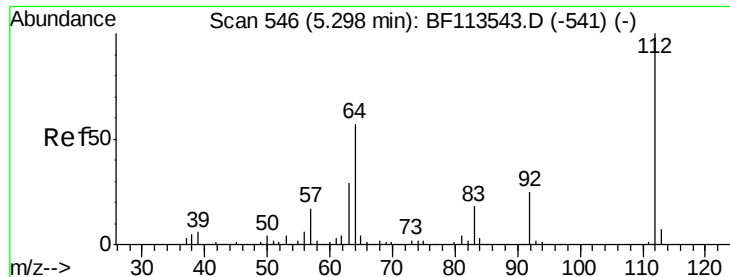
Delta R.T. 0.08 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	42	Resp:	128704
Ion	Ratio	Lower	Upper
42	100		
74	141.2	102.4	153.6
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 112.468 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

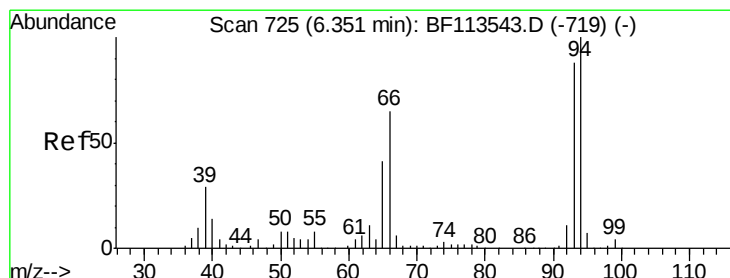
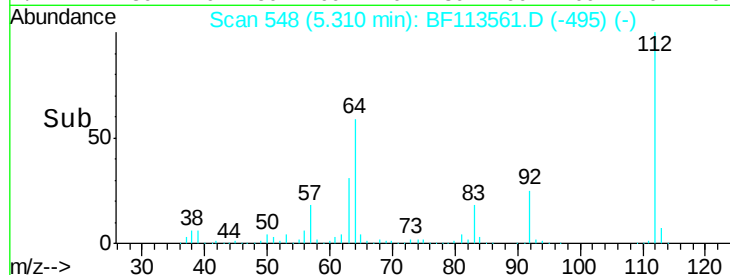
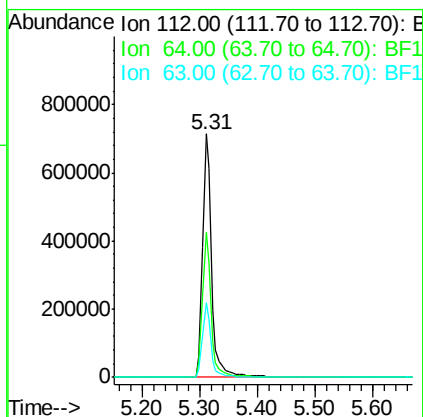
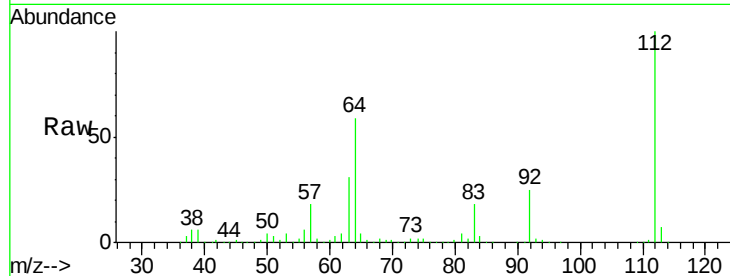
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	112	Resp:	796935
Ion Ratio	Lower	Upper	
112	100		
64	59.5	49.2	73.8
63	30.5	24.9	37.3

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#6

Aniline

Concen: 2.790 ng

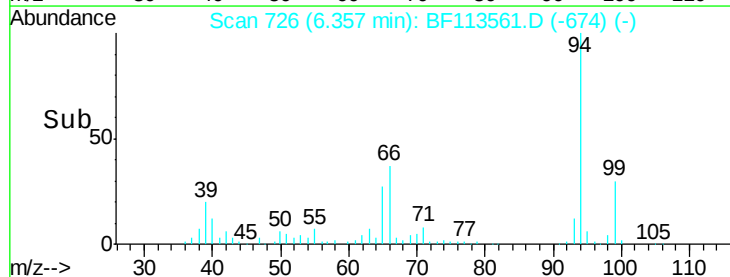
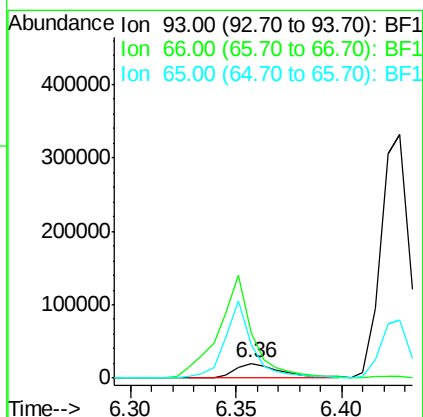
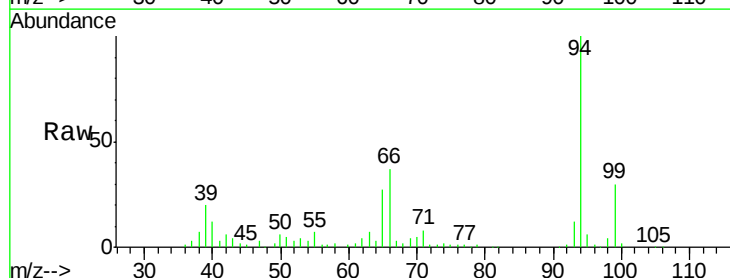
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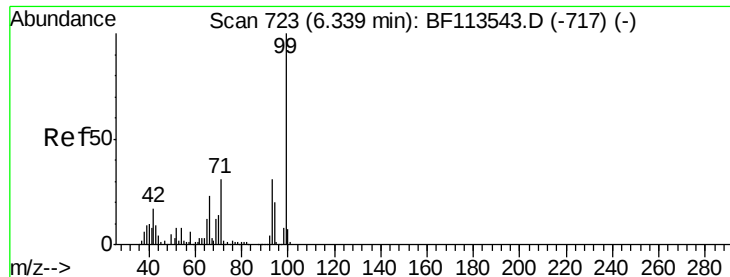
Delta R.T. 0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	93	Resp:	29533
Ion Ratio	Lower	Upper	
93	100		
66	303.3	62.1	93.1#
65	220.9	38.7	58.1#





#7

Phenol-d6

Concen: 105.925 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

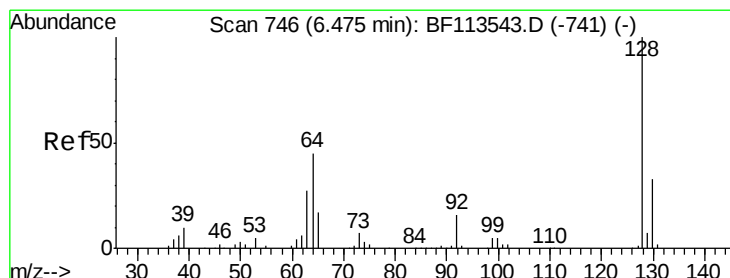
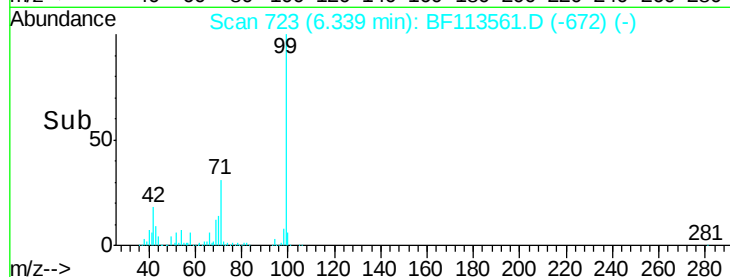
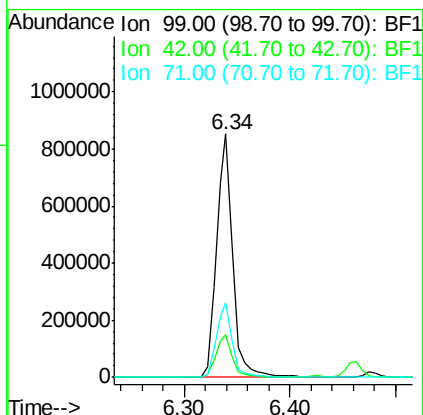
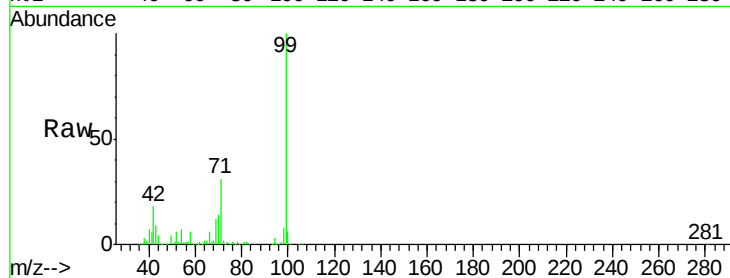
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	99	Resp:	925091
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	30.9	24.9	37.3

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#8

2-Chlorophenol

Concen: 37.853 ng

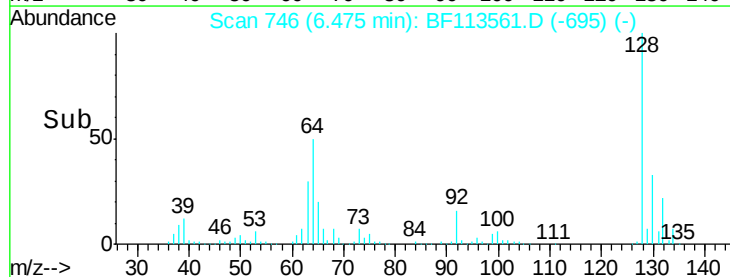
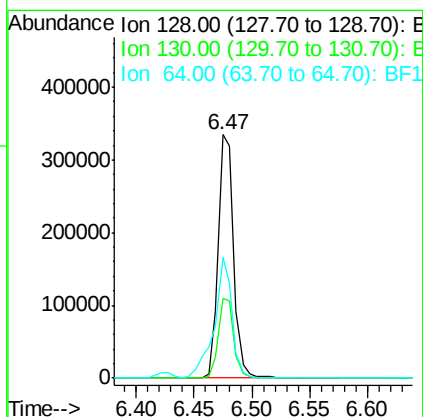
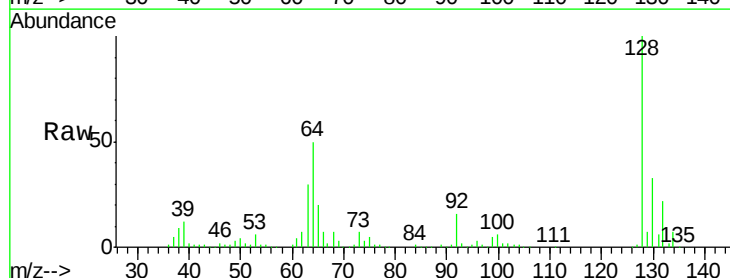
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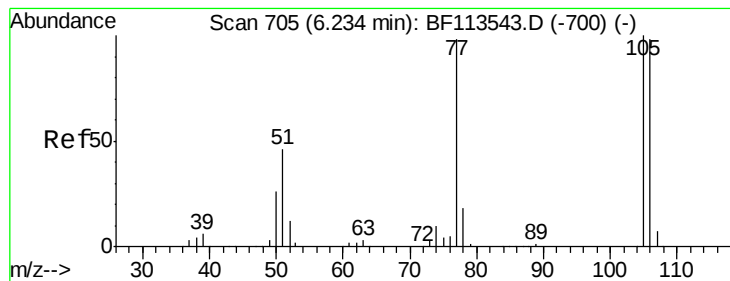
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	128	Resp:	310332
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	49.7	29.4	69.4





#9

Benzaldehyde

Concen: 42.090 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

VN-SP-1MSD

Tgt Ion: 77 Resp: 218570

Ion Ratio Lower Upper

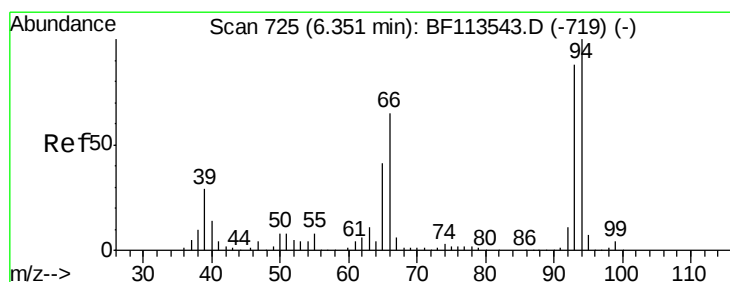
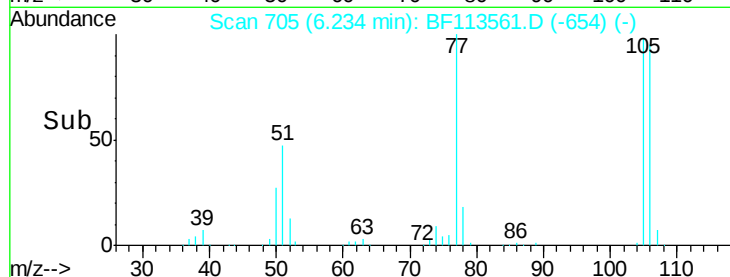
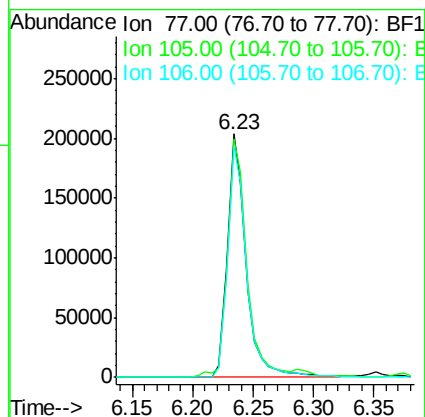
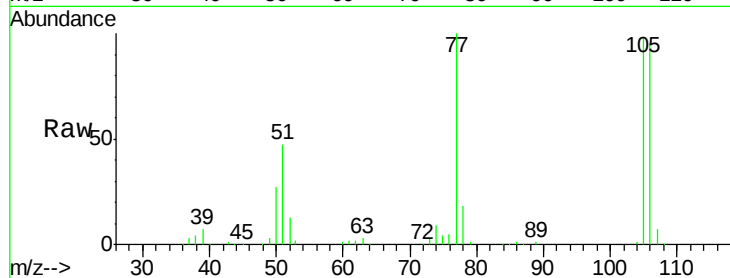
77 100

105 97.7 80.9 120.9

106 94.9 77.8 117.8

Manual Integrations
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#10

Phenol

Concen: 31.777 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

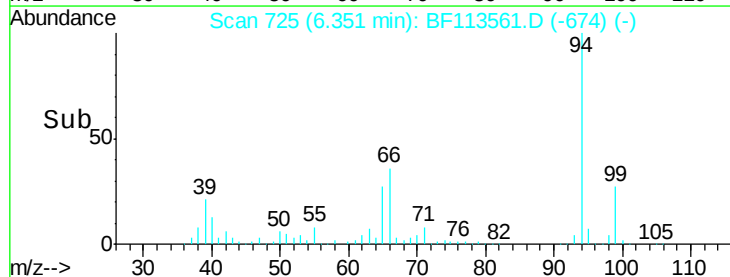
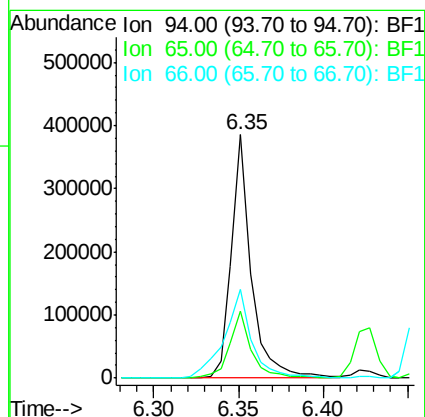
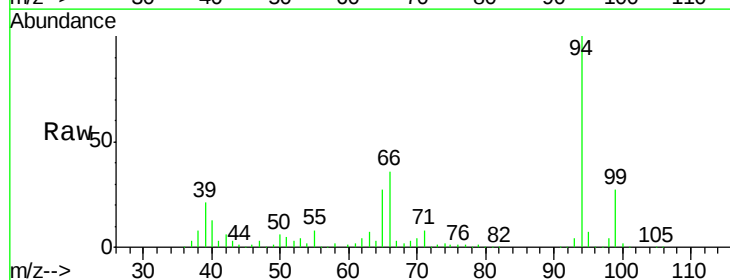
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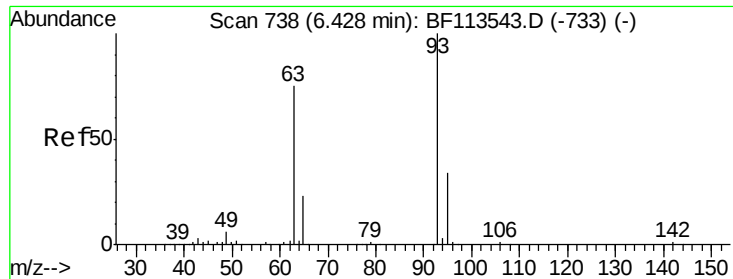
Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

66 36.4 46.4 86.4#





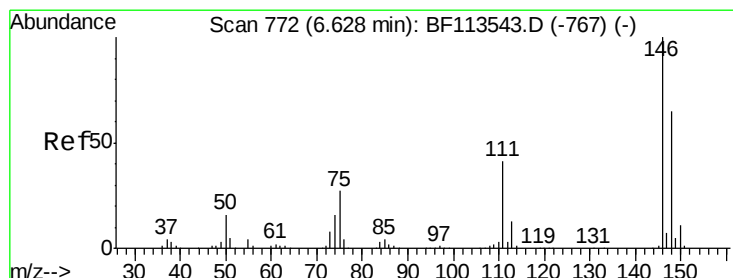
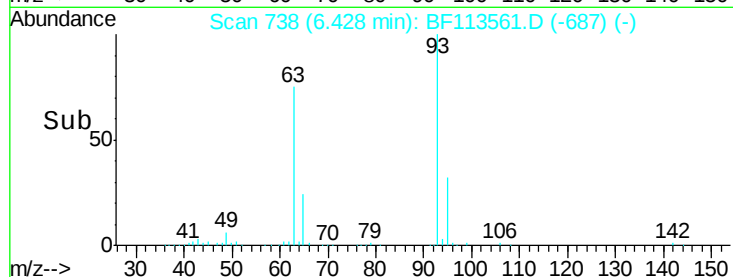
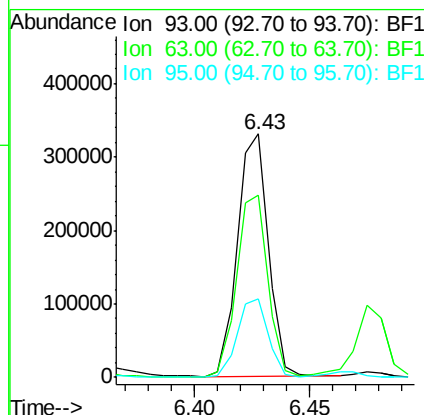
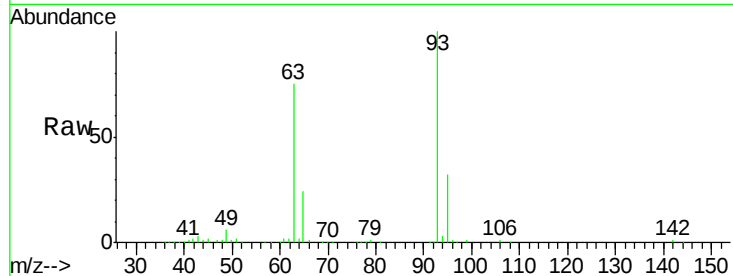
#11
 bis(2-Chloroethyl)ether
 Concen: 39.560 ng
 RT: 6.43 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	306943		
63	74.7	56.1	96.1	
95	32.4	12.8	52.8	

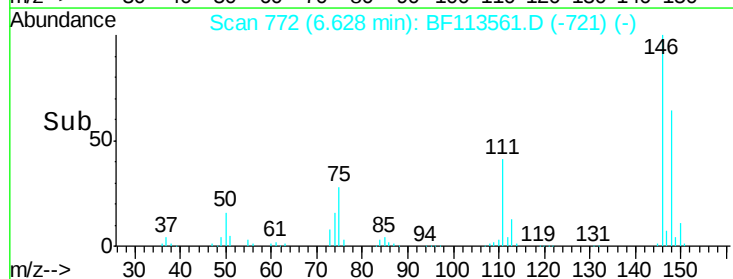
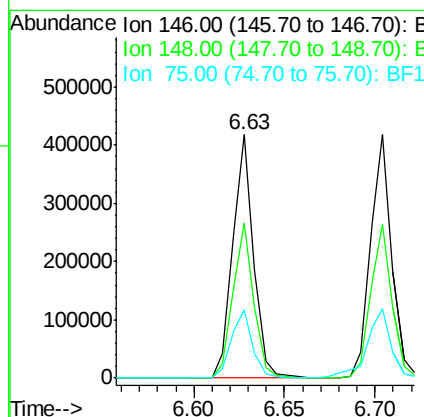
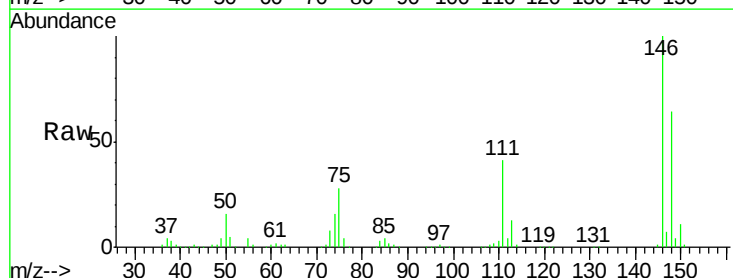
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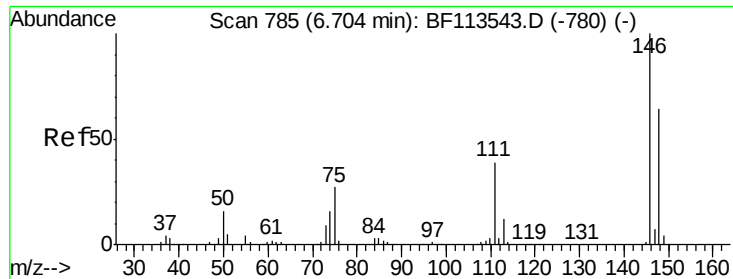
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#12
 1,3-Dichlorobenzene
 Concen: 37.913 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334727		
148	63.8	51.4	77.0	
75	28.0	24.8	37.2	





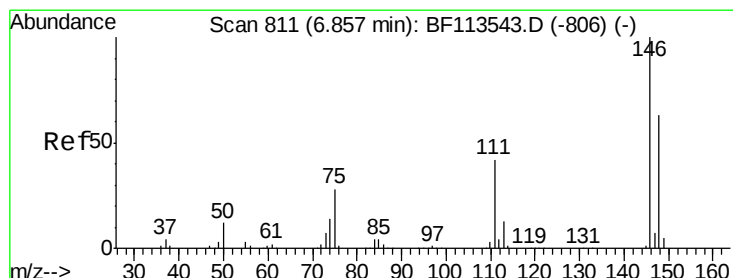
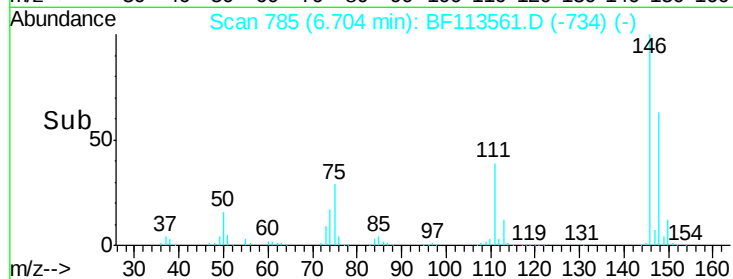
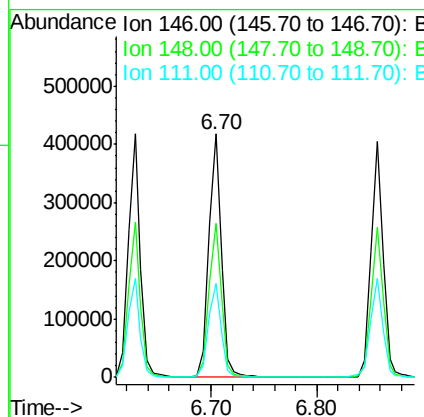
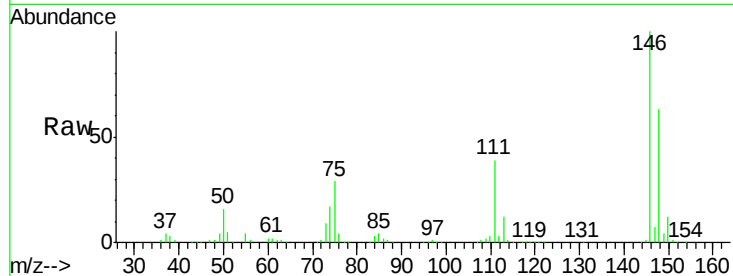
#13
1,4-Dichlorobenzene
Concen: 38.510 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	38.6	32.8	49.2

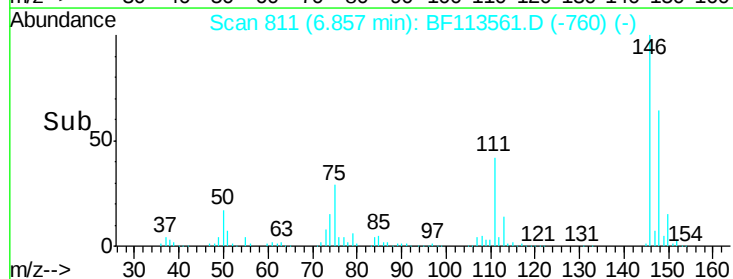
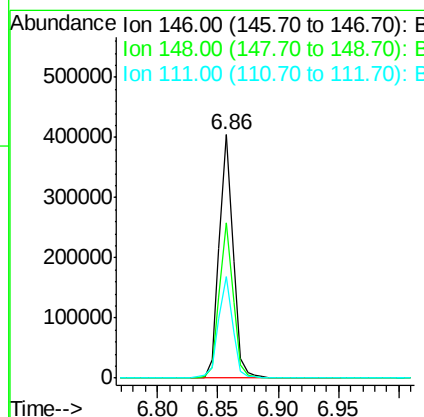
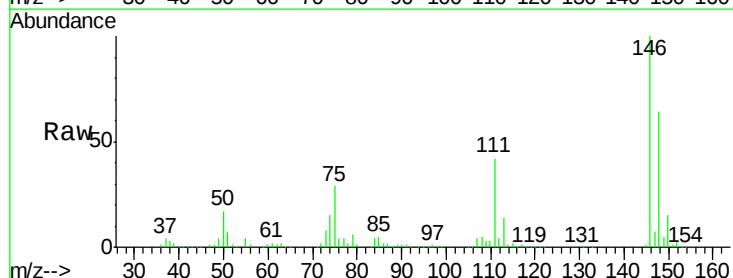
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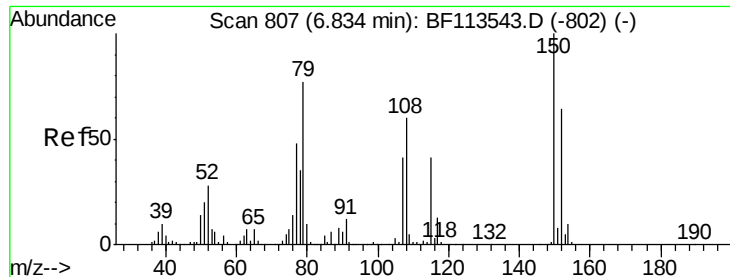
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#14
1,2-Dichlorobenzene
Concen: 39.422 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
111	41.8	35.4	53.2





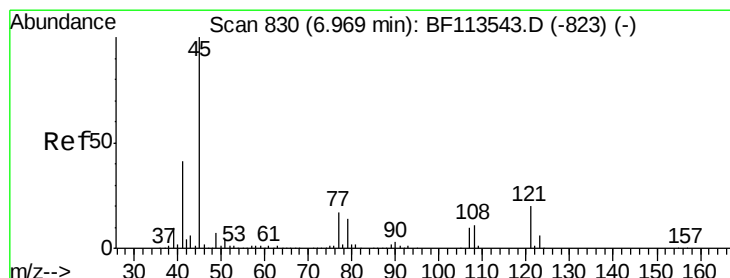
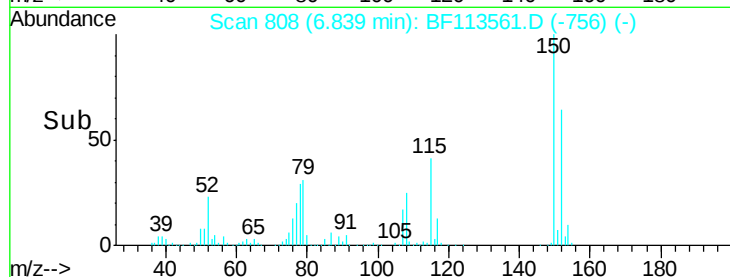
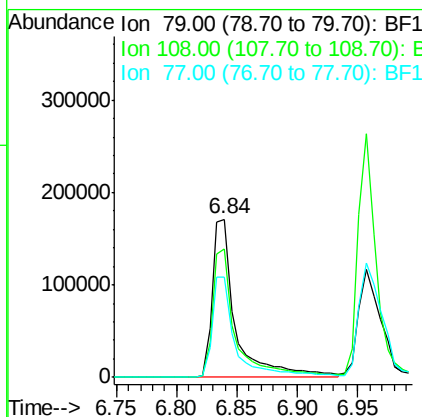
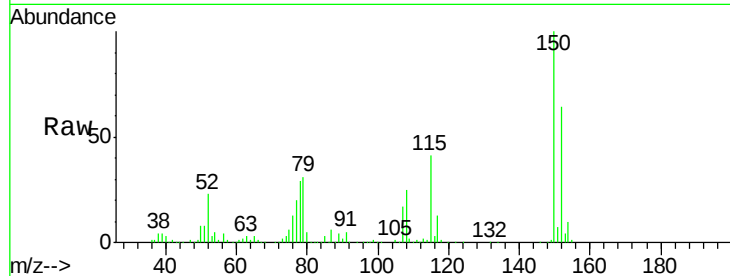
#15
Benzyl Alcohol
Concen: 38.651 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.0	62.0	93.0
77	63.5	49.9	74.9

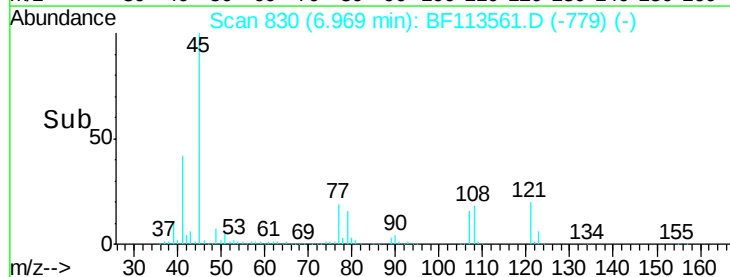
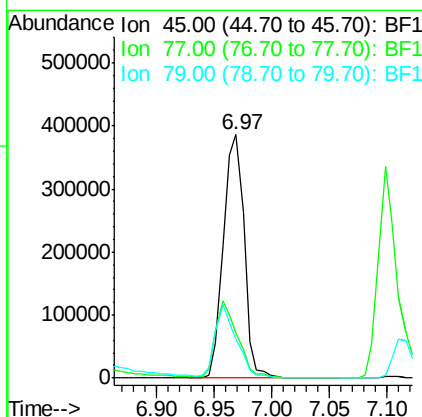
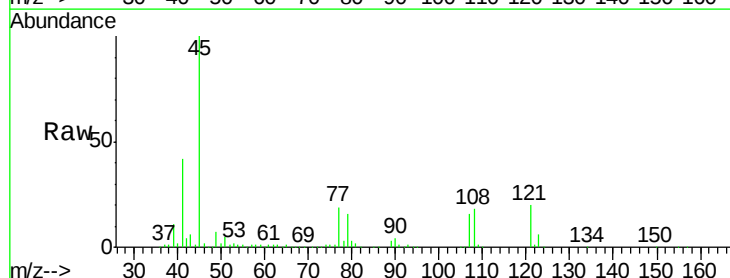
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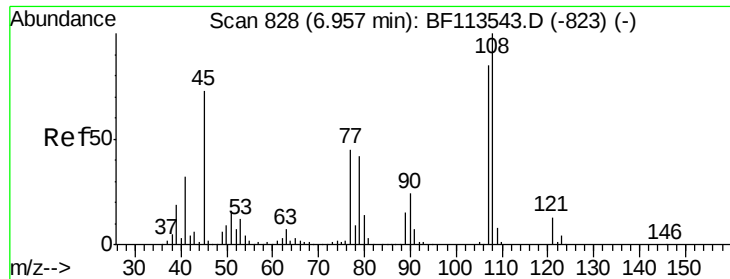
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.667 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	36.6
79	16.2	0.0	34.0





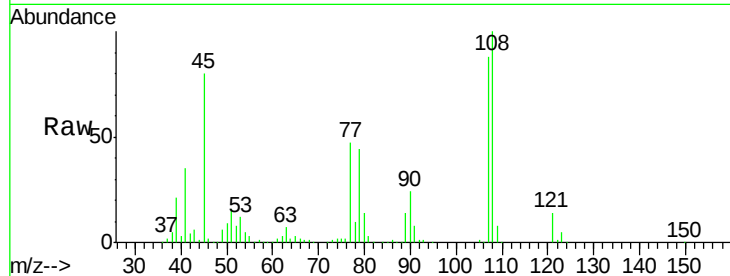
#17
2-Methylphenol
Concen: 37.380 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

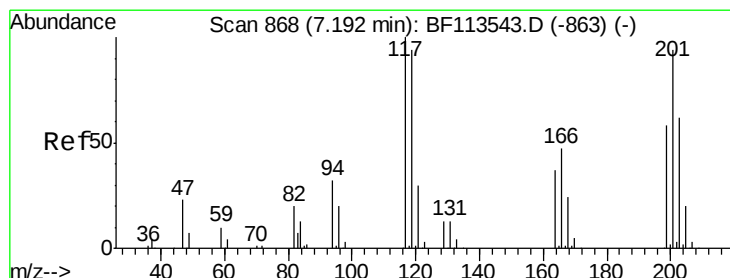
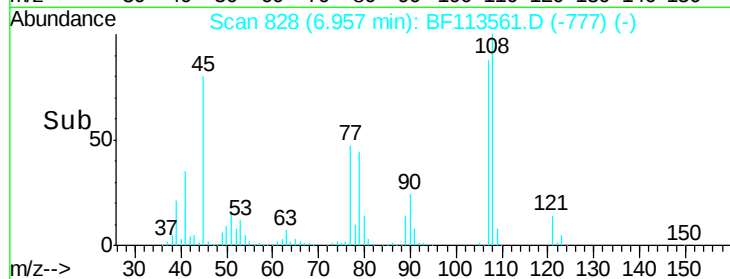
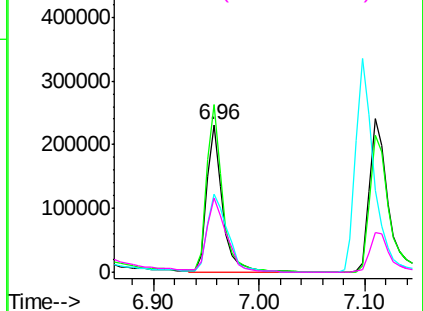
Tgt Ion:	107	Resp:	237488
Ion Ratio	Lower	Upper	
107	100		
108	113.7	93.4	140.0
77	53.1	41.2	61.8
79	50.1	40.1	60.1

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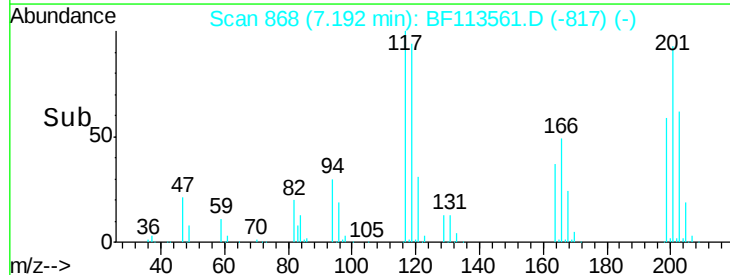
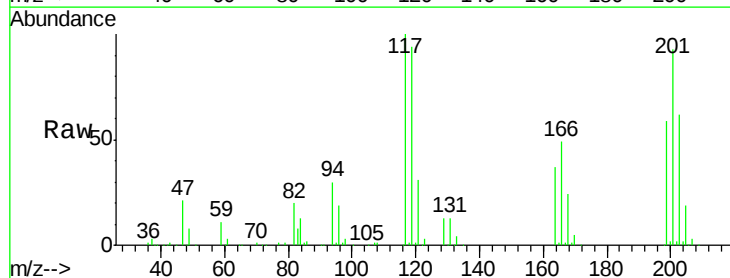
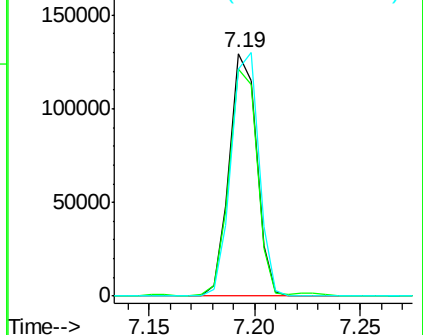
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

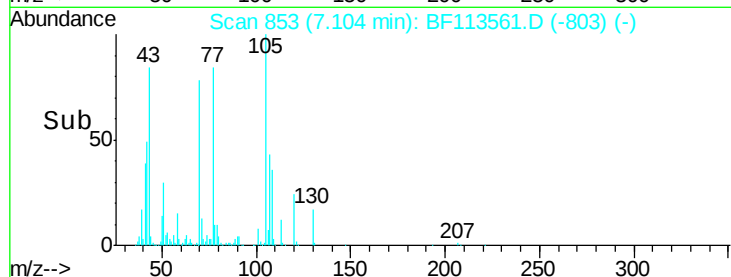
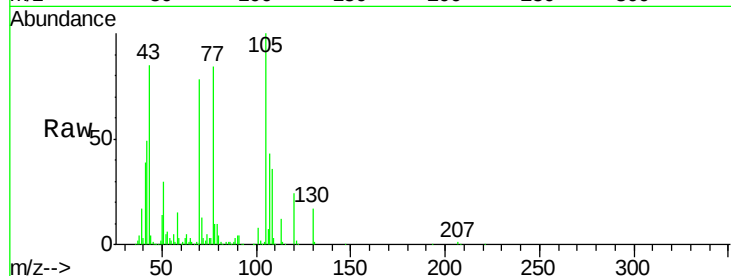
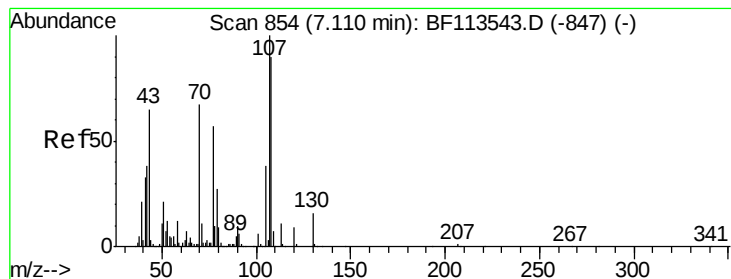


#18
Hexachloroethane
Concen: 35.608 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:	117	Resp:	115635
Ion Ratio	Lower	Upper	
117	100		
119	93.8	76.9	115.3
201	93.4	78.7	118.1

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.074 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

VN-SP-1MSD

Tgt Ion: 70 Resp: 210428

Ion Ratio Lower Upper

70 100

42 61.9 48.4 72.6

101 9.9 7.8 11.8

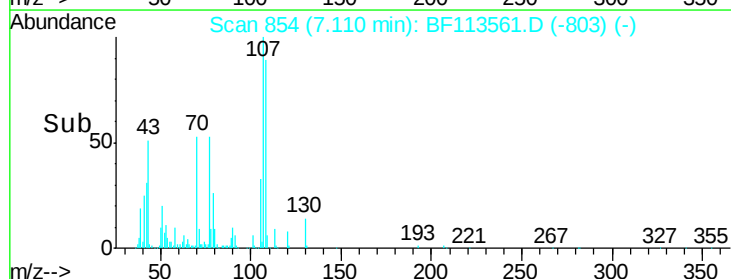
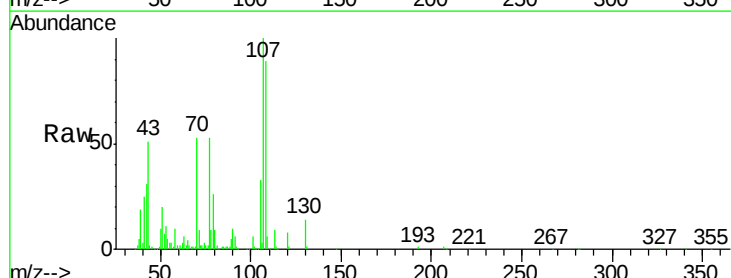
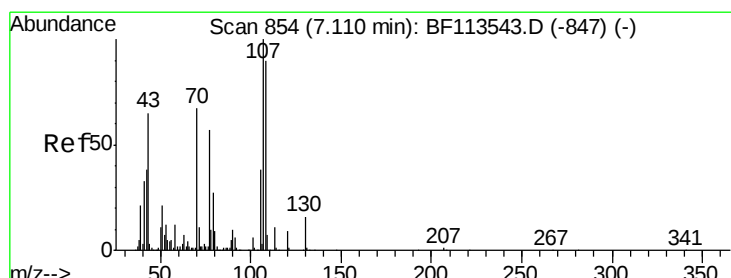
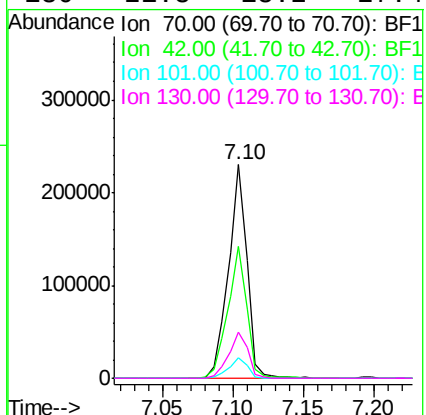
130 21.8 18.2 27.4

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#20

3+4-Methylphenols

Concen: 39.036 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion: 107 Resp: 300507

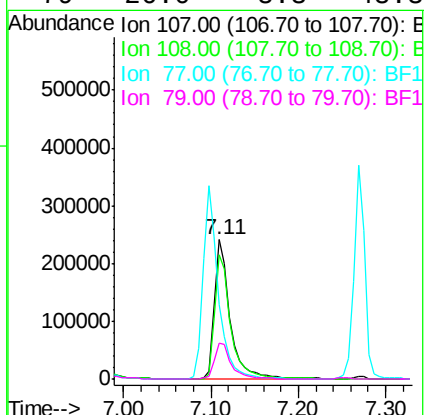
Ion Ratio Lower Upper

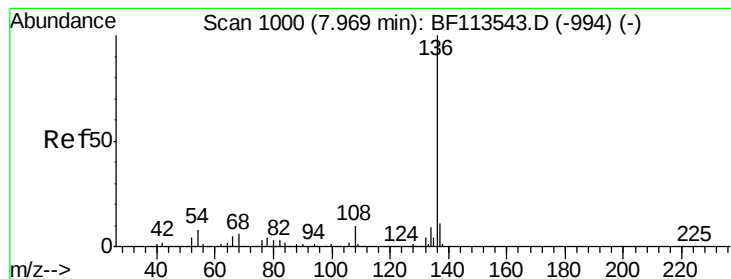
107 100

108 89.0 71.4 111.4

77 53.4 33.5 73.5

79 26.0 8.3 48.3





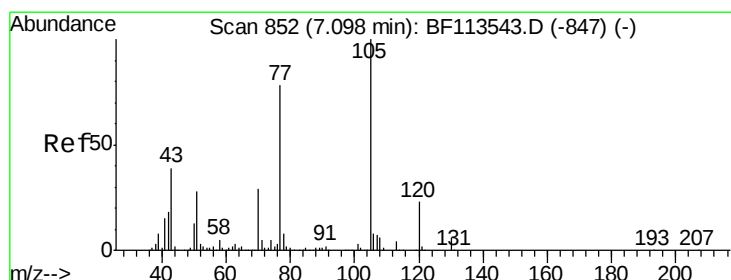
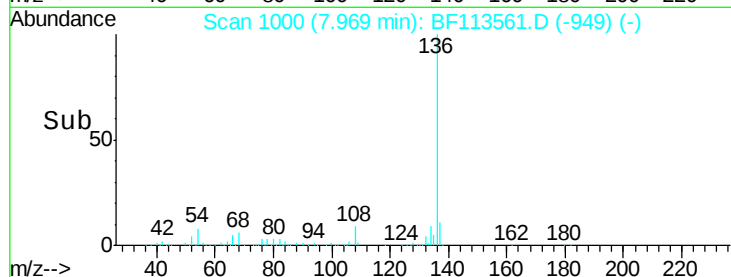
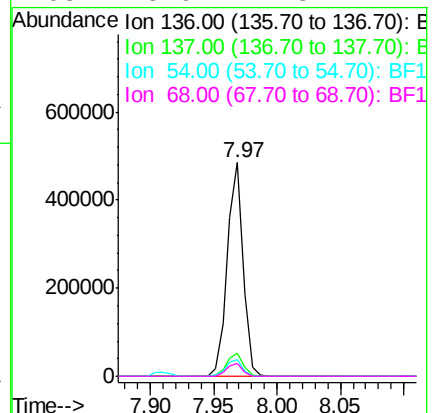
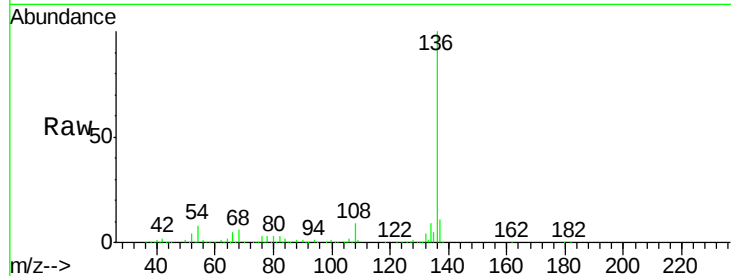
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	422833		
137	10.8	8.9	13.3	
54	7.5	7.0	10.6	
68	5.9	4.8	7.2	

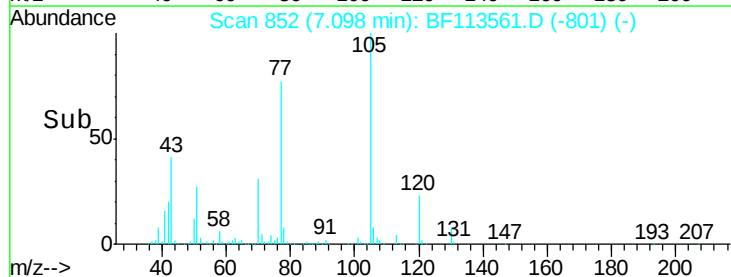
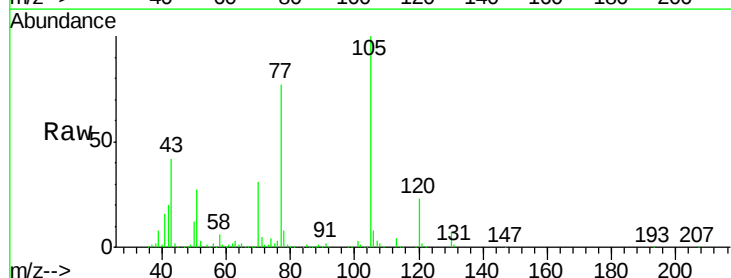
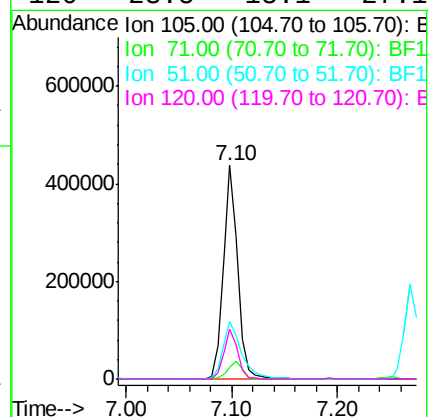
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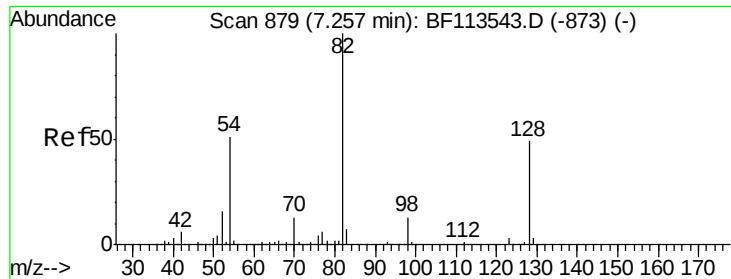
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#22
Acetophenone
Concen: 45.361 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	421260		
71	5.2	3.3	4.9#	
51	27.1	24.2	36.2	
120	23.5	18.1	27.1	





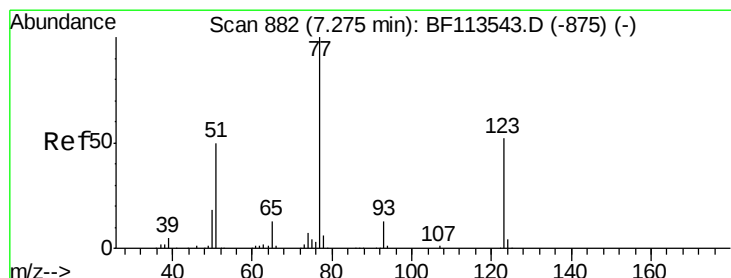
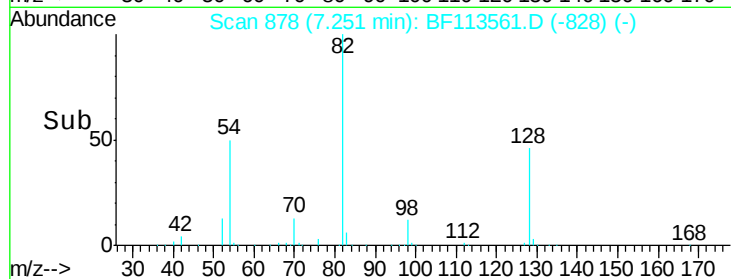
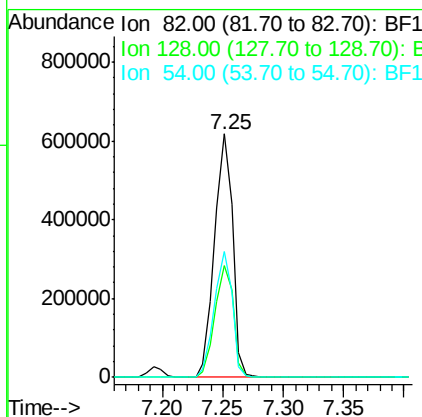
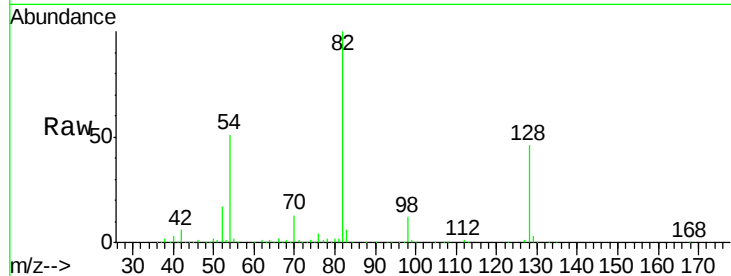
#23
Nitrobenzene-d5
Concen: 88.086 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	51.4	42.2	63.2

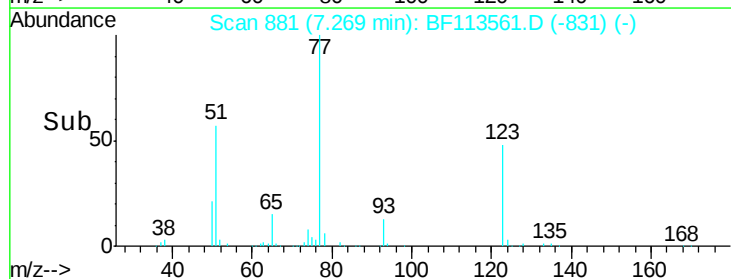
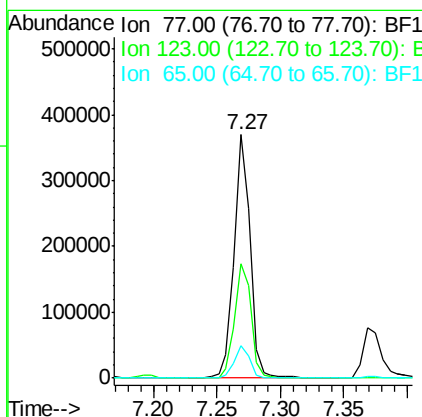
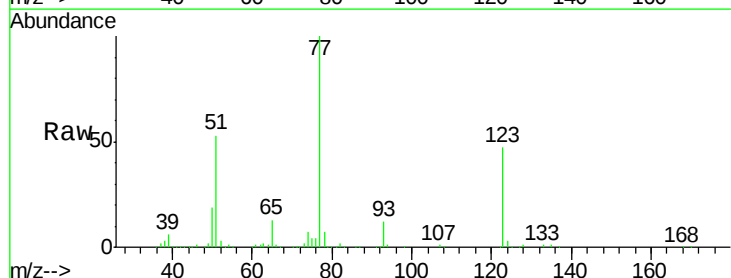
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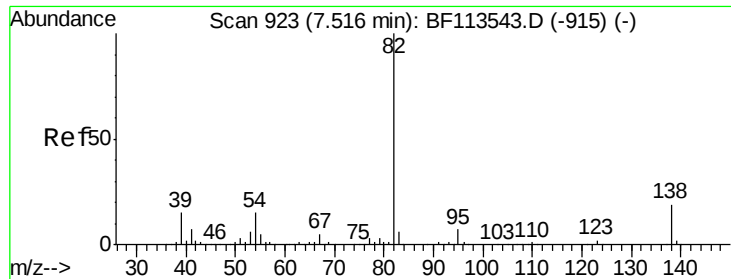
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#24
Nitrobenzene
Concen: 42.805 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	40.8	61.2
65	13.5	10.6	16.0





#25

Isophorone

Concen: 41.092 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

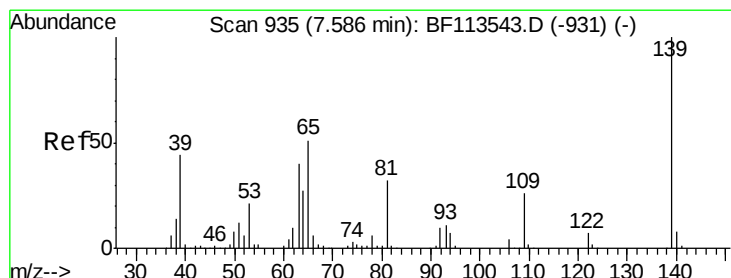
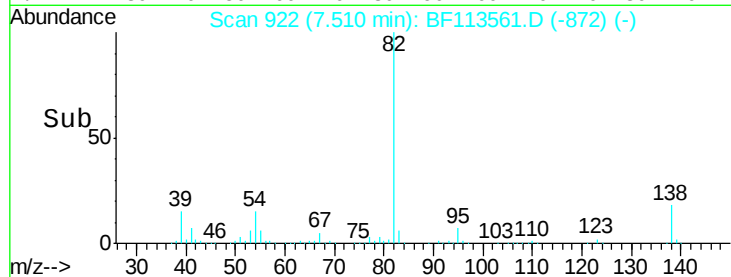
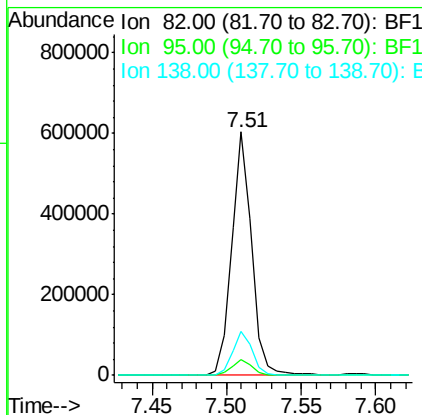
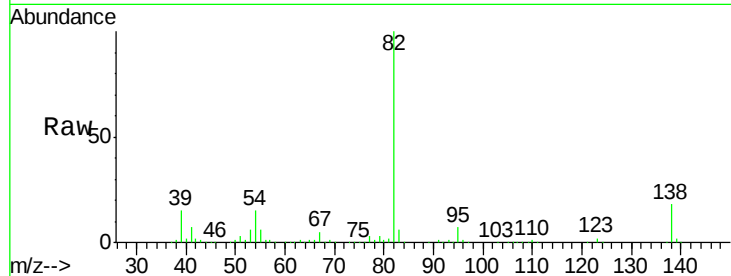
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	82	Resp:	571409
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	18.0	15.2	22.8

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#26

2-Nitrophenol

Concen: 40.151 ng

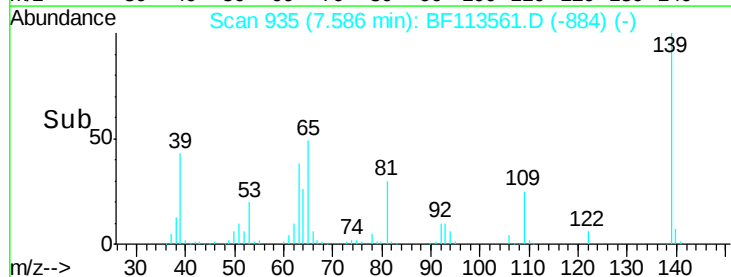
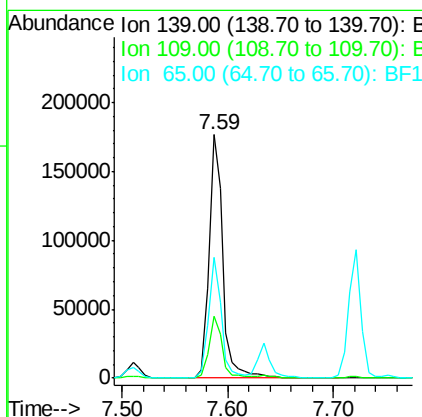
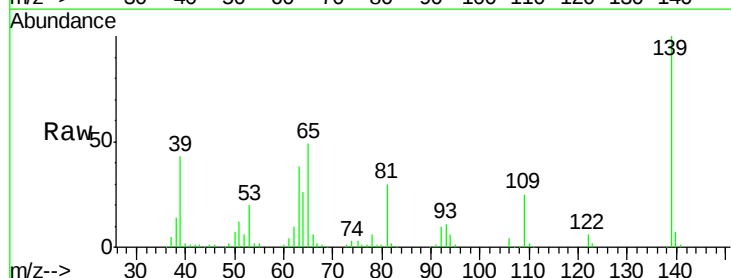
RT: 7.59 min Scan# 935

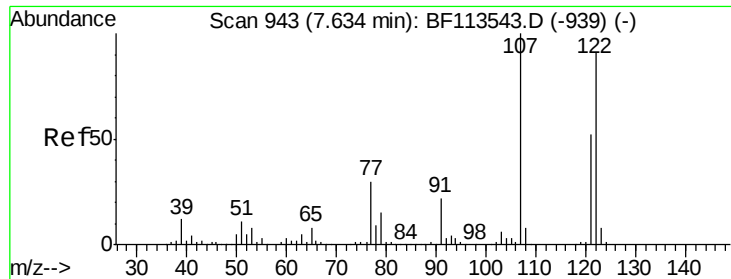
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	139	Resp:	160645
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.7	32.5
65	49.5	41.6	62.4





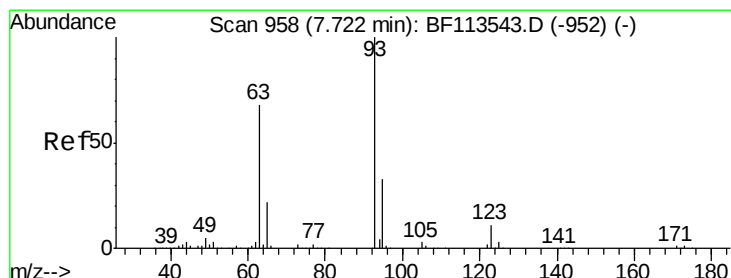
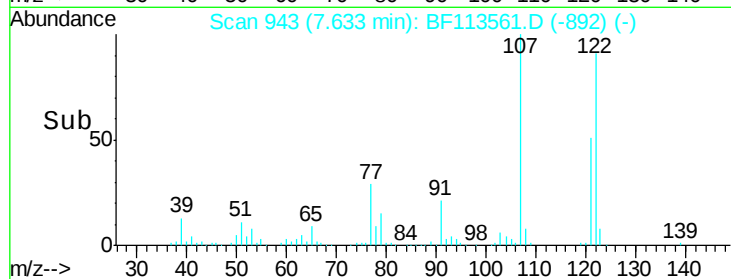
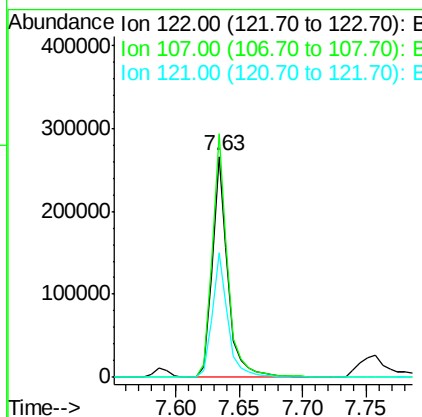
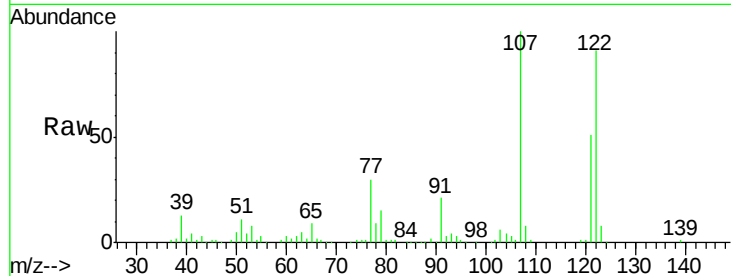
#27
2,4-Dimethylphenol
Concen: 40.294 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	230478		
107	110.1	88.8	133.2	
121	56.1	45.5	68.3	

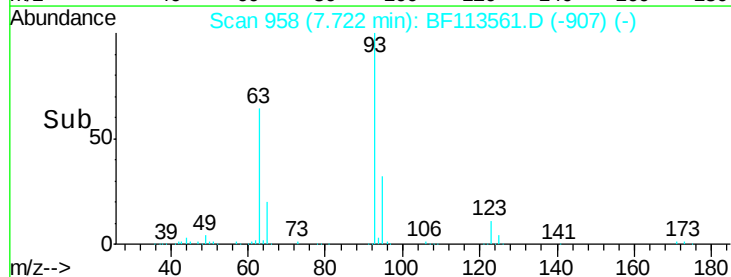
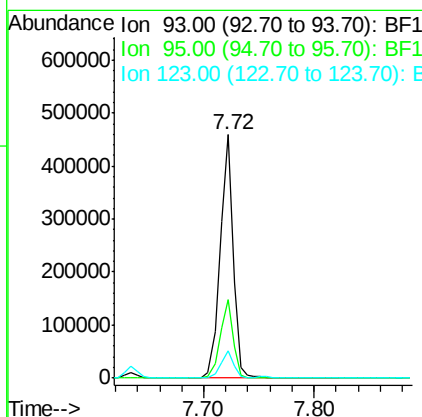
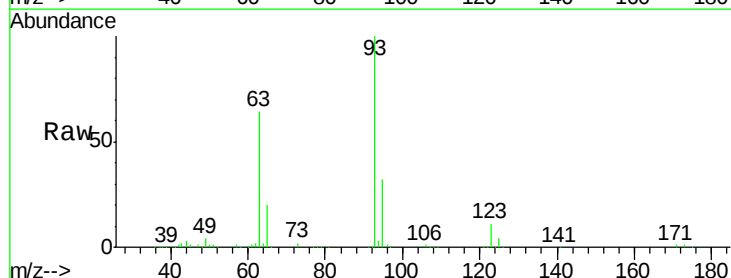
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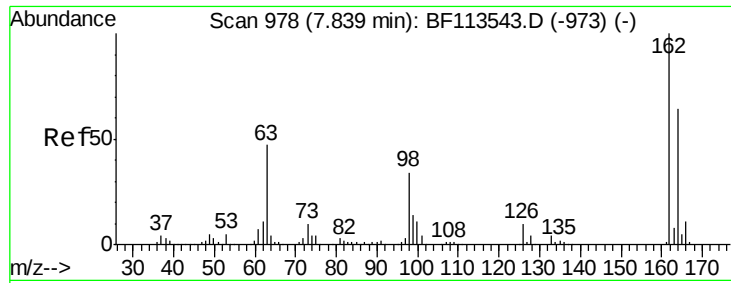
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.091 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378838		
95	32.1	26.0	39.0	
123	11.1	9.1	13.7	





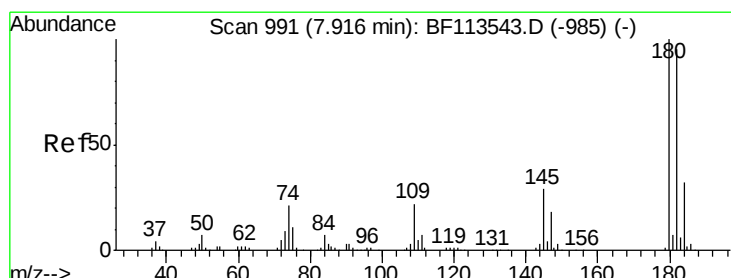
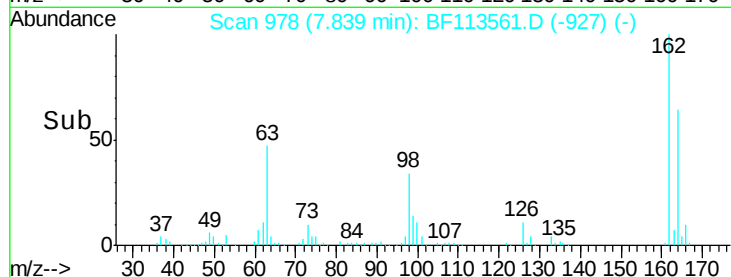
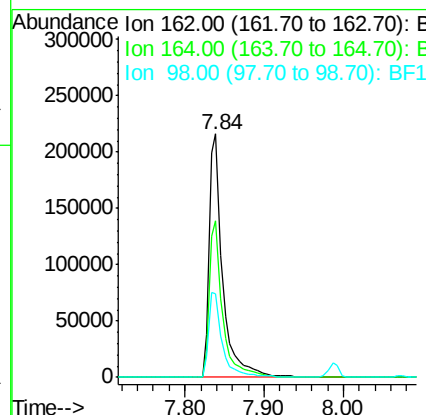
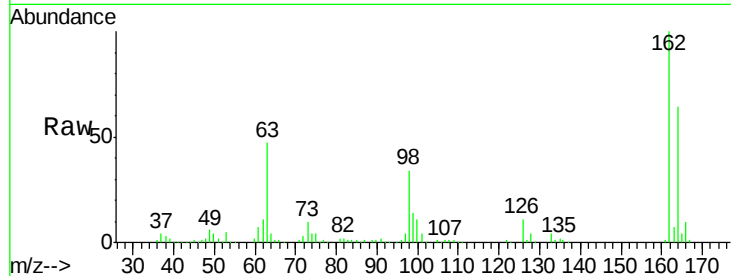
#29
2,4-Dichlorophenol
Concen: 42.138 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion:	162	Resp:	257882
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	34.4	15.6	55.6

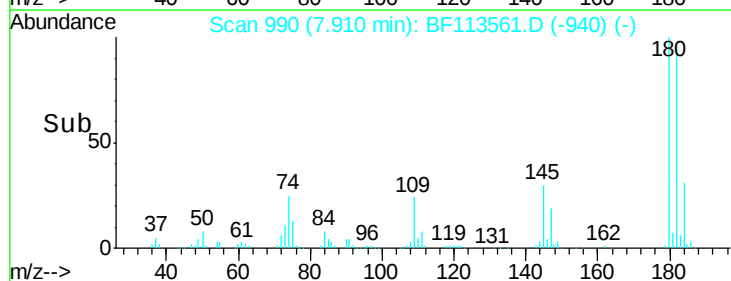
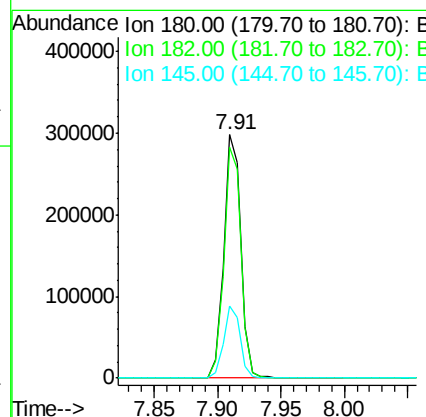
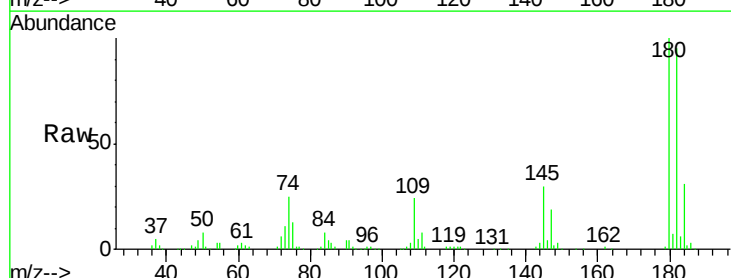
Manual Integrations
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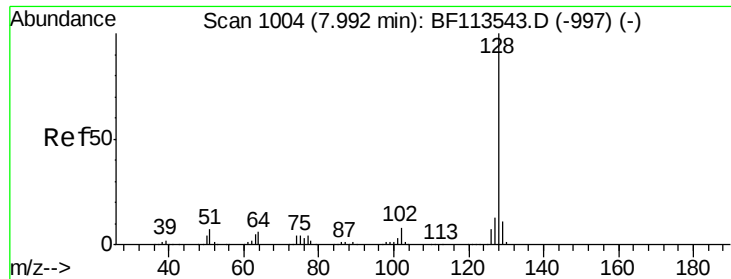
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.309 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:	180	Resp:	281182
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.6	111.8
145	29.7	23.4	35.0





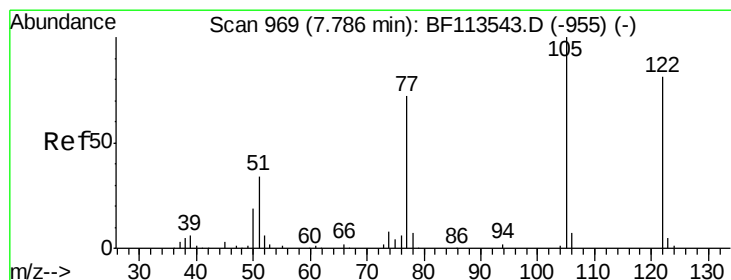
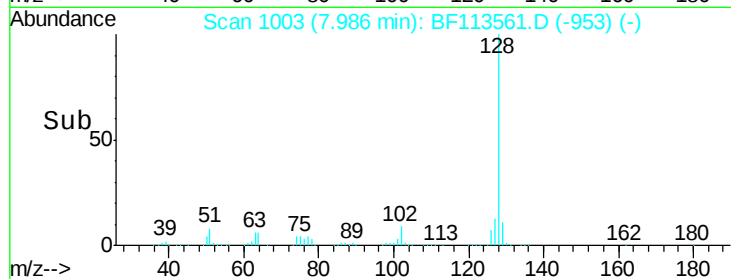
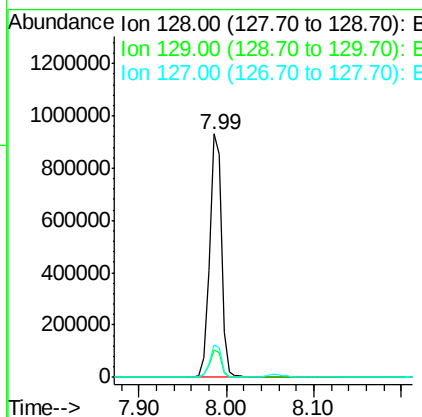
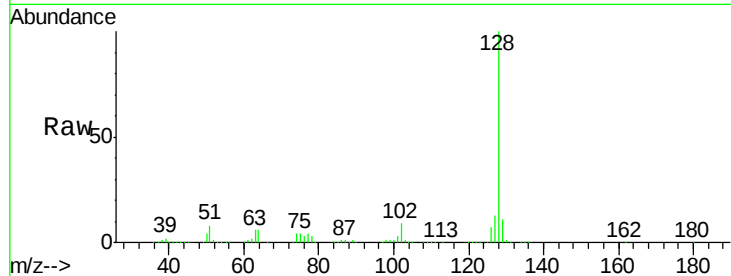
#31
Naphthalene
Concen: 43.118 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	883368		
129	11.5	9.3	13.9	
127	13.1	10.9	16.3	

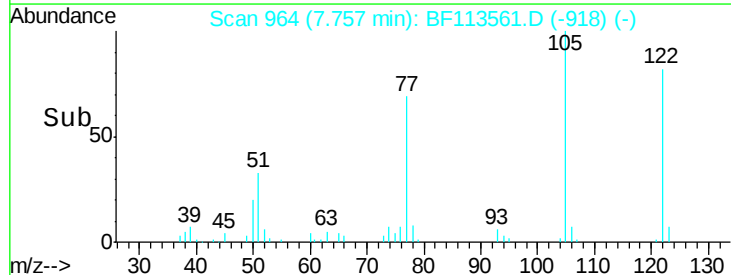
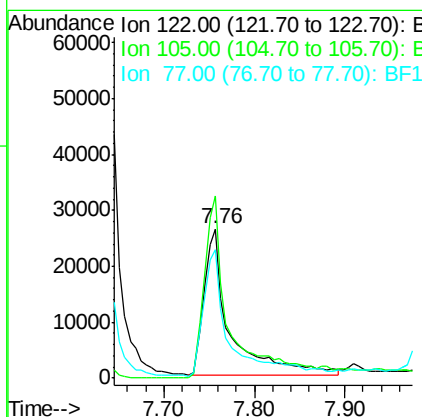
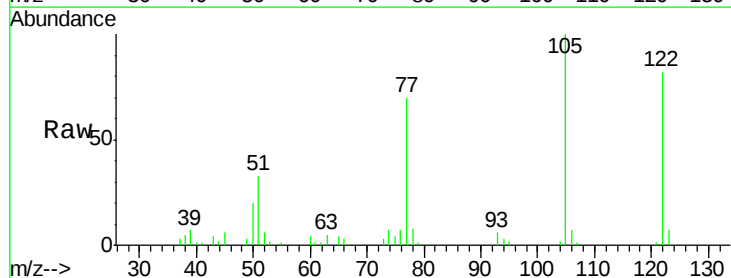
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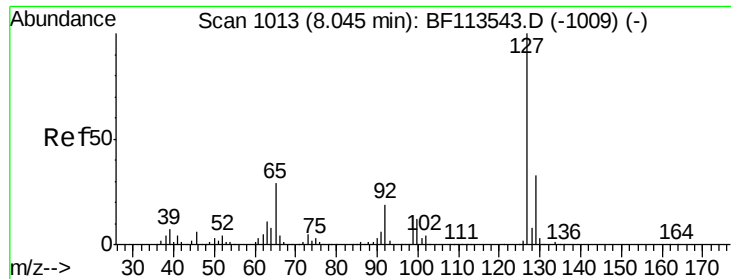
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#32
Benzoic acid
Concen: 12.023 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	53254		
105	122.0	100.4	140.4	
77	85.9	69.0	109.0	





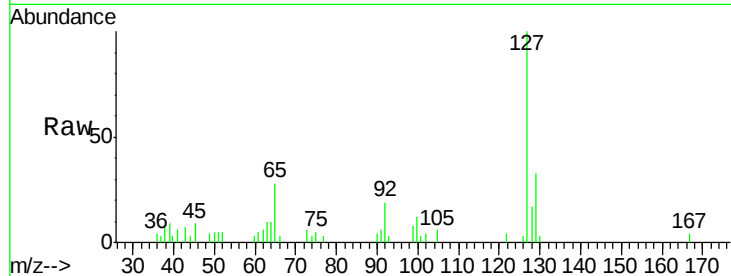
#33
4-Chloroaniline
Concen: 2.427 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

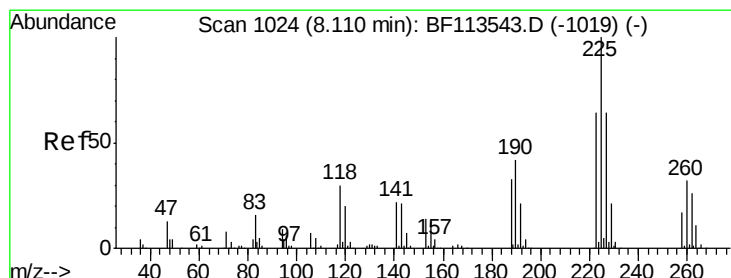
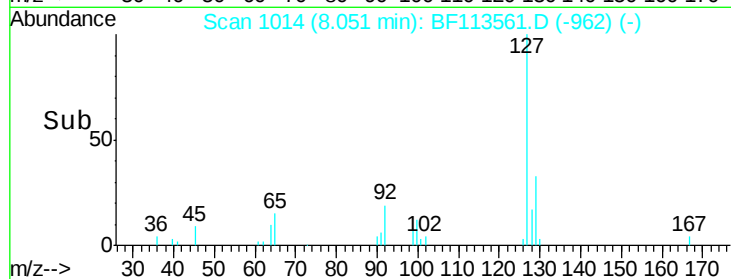
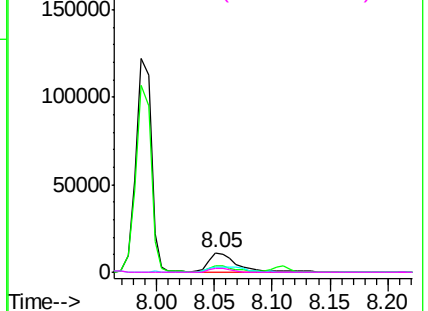
Tgt Ion:	127	Resp:	19718
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.3	39.5
65	28.5	24.2	36.4
92	18.5	15.0	22.6

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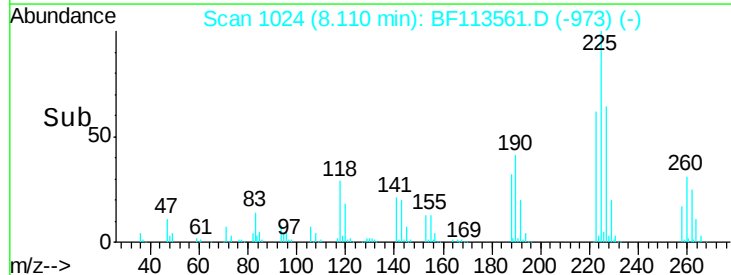
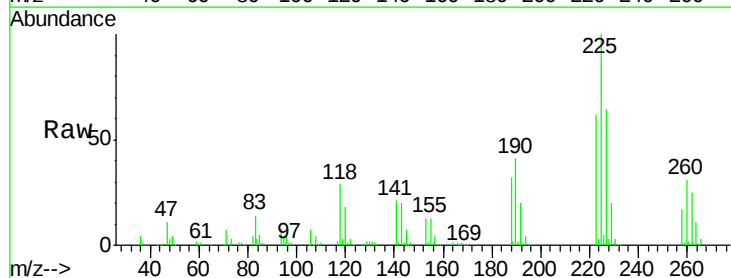
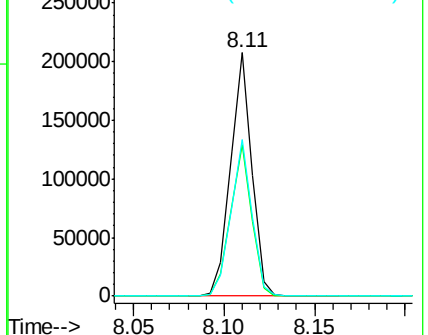
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

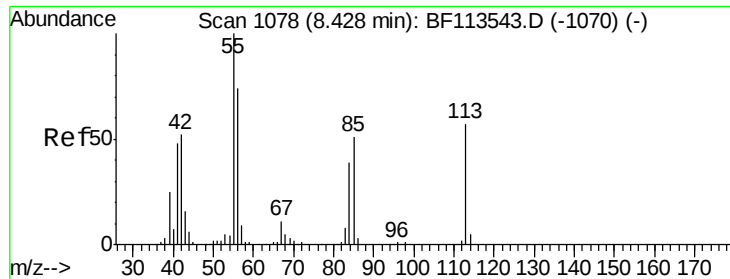


#34
Hexachlorobutadiene
Concen: 41.935 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:	225	Resp:	169913
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.4	77.2
227	64.1	51.1	76.7

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





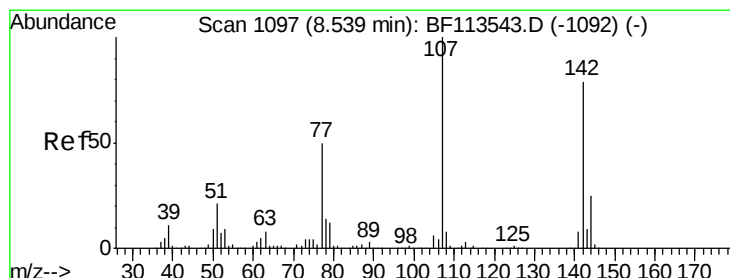
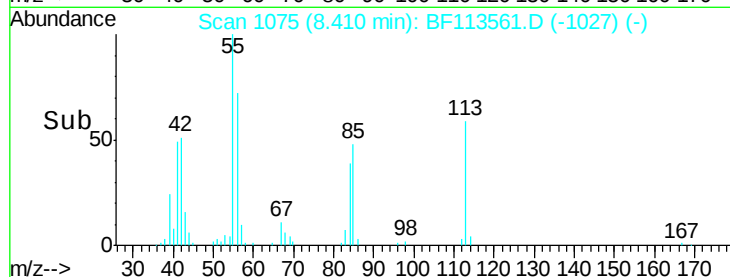
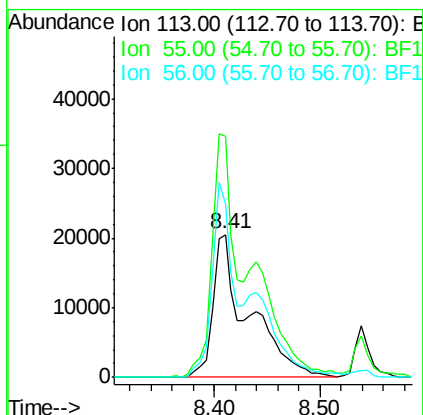
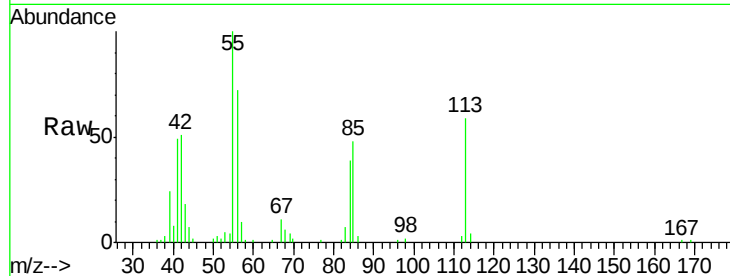
#35
 Caprolactam
 Concen: 24.680 ng m
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion:113 Resp: 47946
 Ion Ratio Lower Upper
 113 100
 55 168.9 152.7 192.7
 56 121.8 108.3 148.3

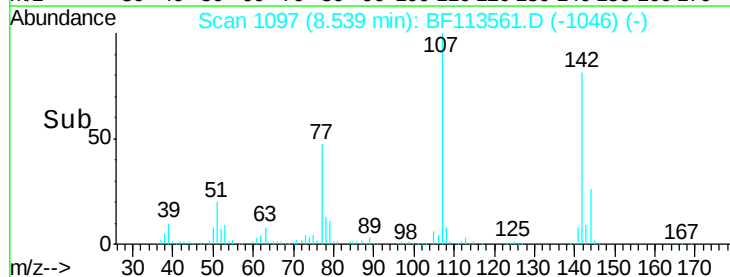
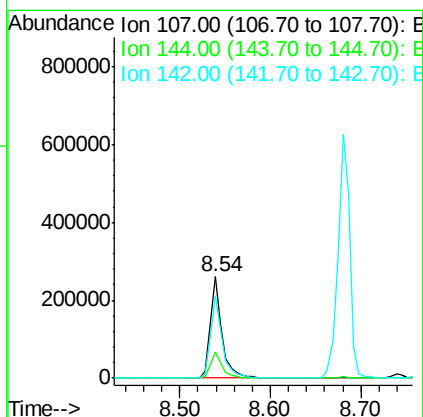
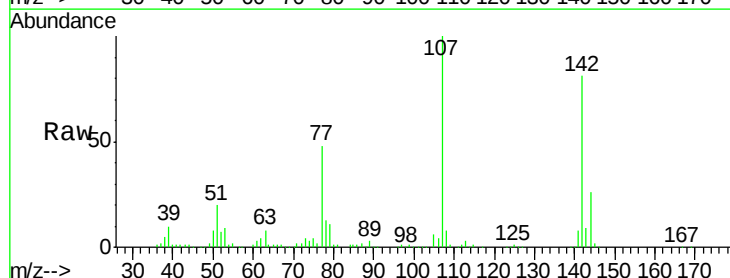
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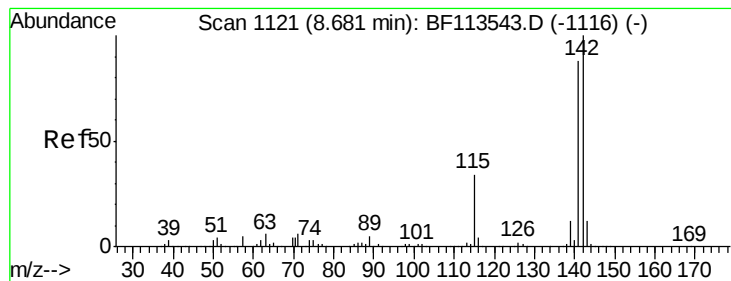
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#36
 4-Chloro-3-methylphenol
 Concen: 38.742 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:107 Resp: 238007
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 81.2 65.6 98.4





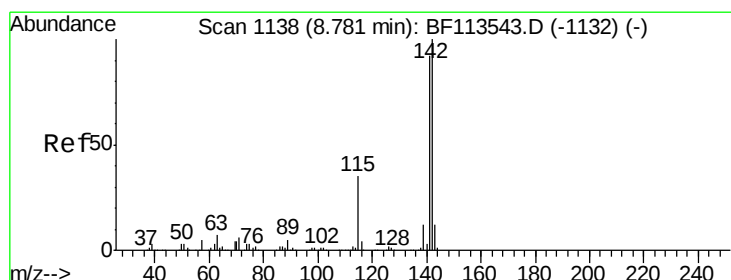
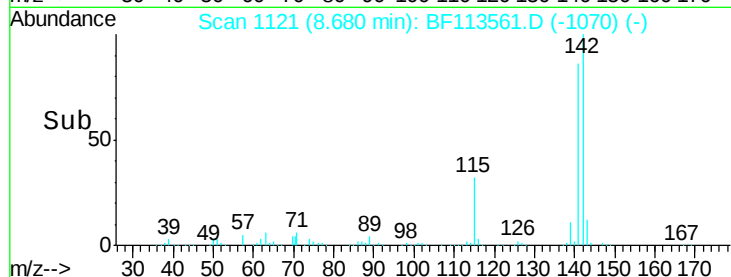
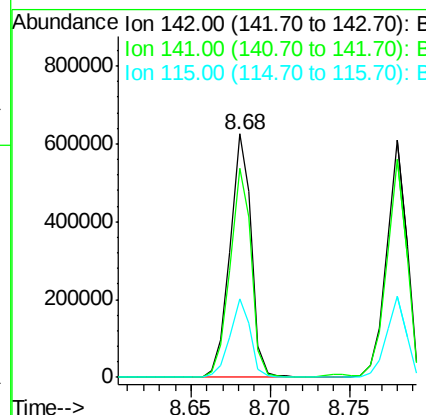
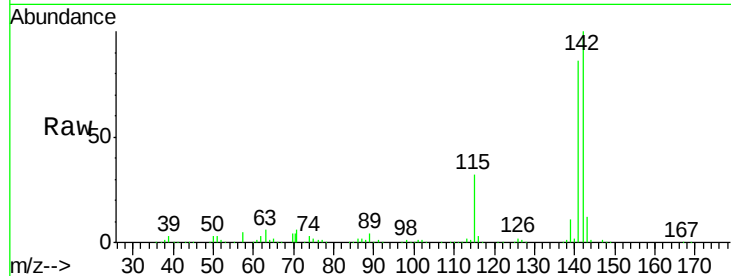
#37
2-Methylnaphthalene
Concen: 43.071 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	580356		
141	86.0	71.0	106.6	
115	32.4	26.6	39.8	

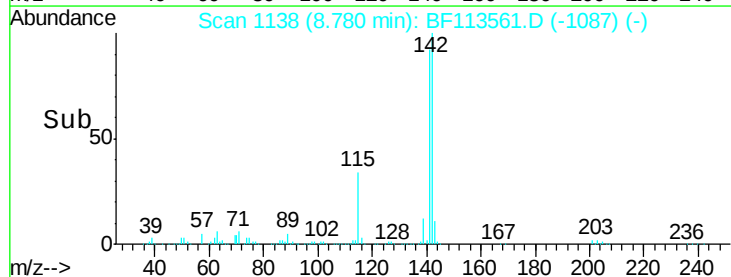
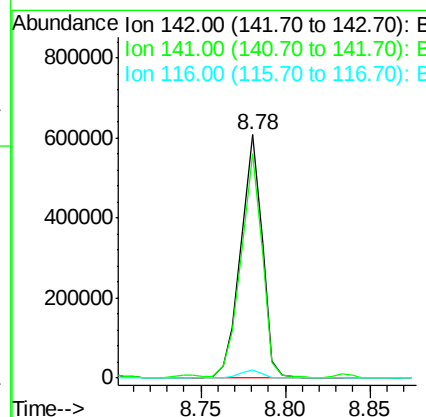
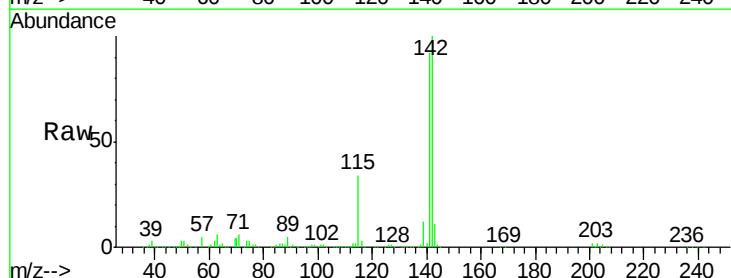
Manual Integrations
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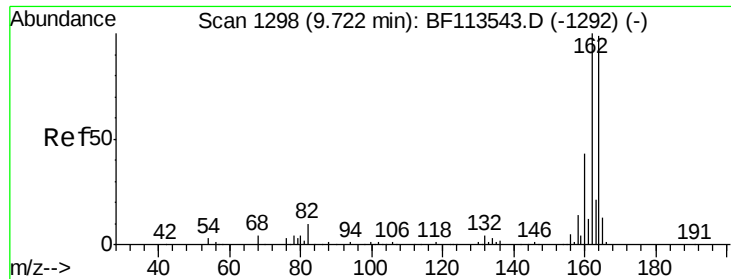
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#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	536890		
141	92.2	73.2	109.8	
116	3.5	3.0	4.4	





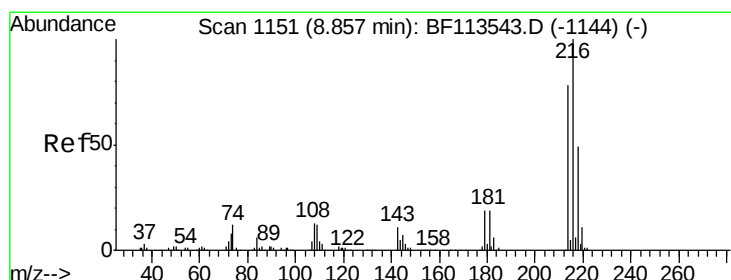
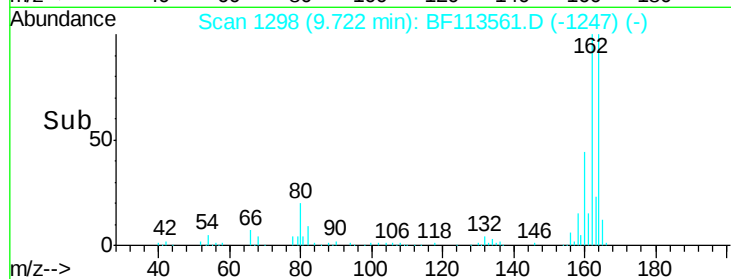
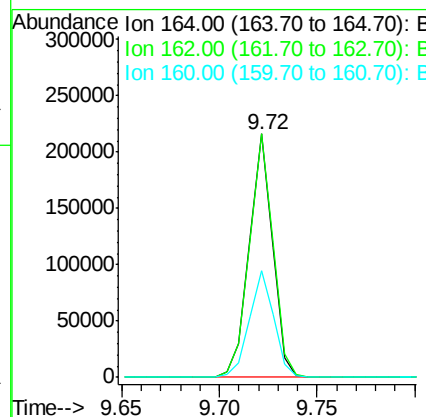
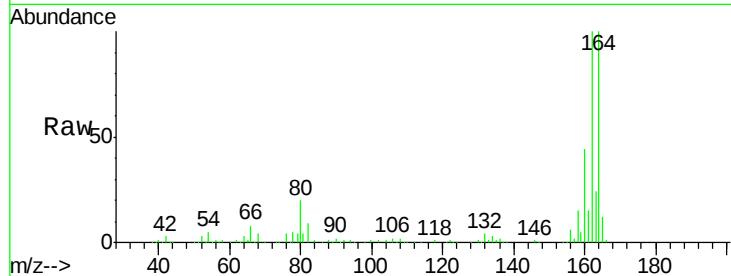
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180714		
162	100.1	81.8	122.6	
160	44.0	36.4	54.6	

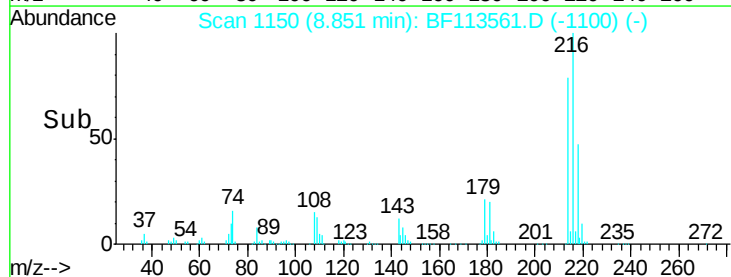
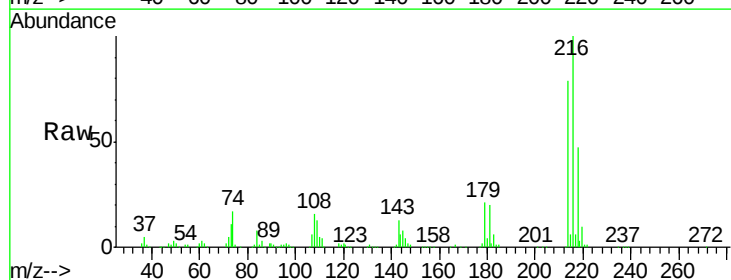
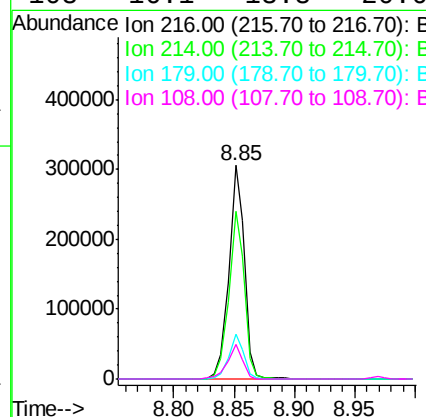
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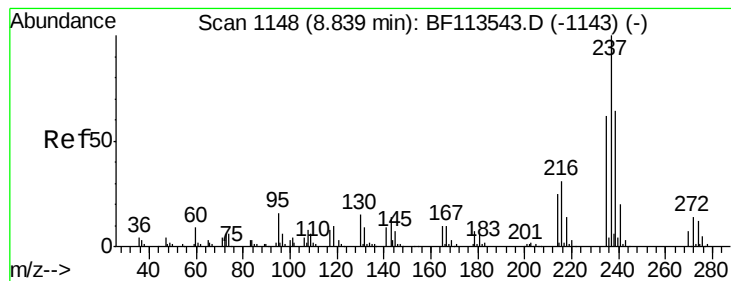
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.397 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271166		
214	78.6	63.0	94.6	
179	19.9	16.8	25.2	
108	16.1	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 41.765 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

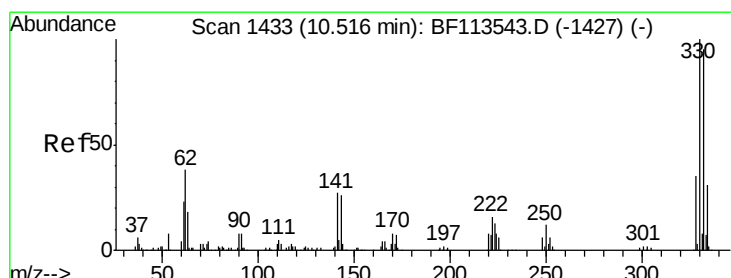
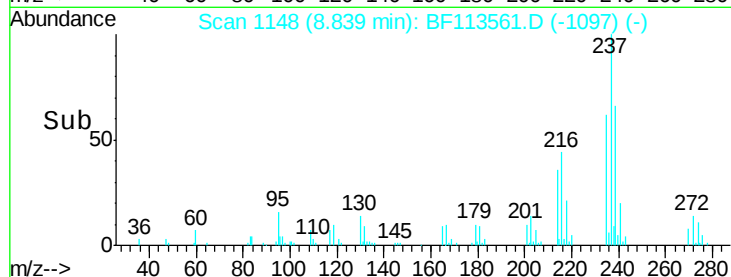
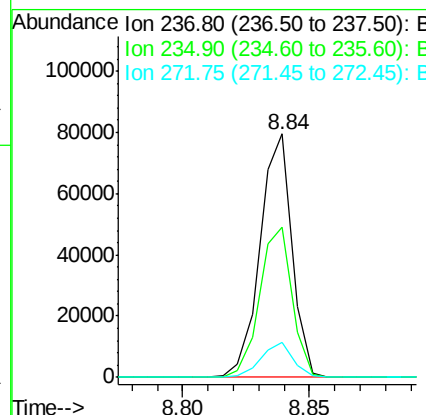
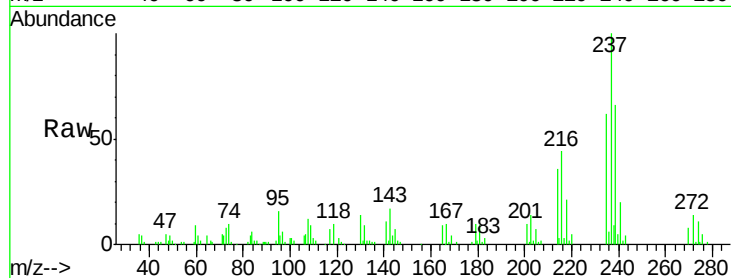
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	237	Resp:	69715
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.4	83.4
272	14.5	0.0	33.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 124.491 ng

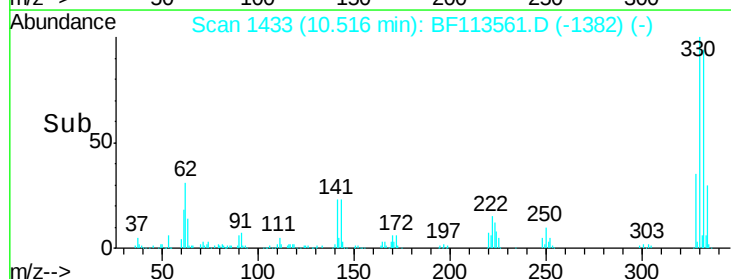
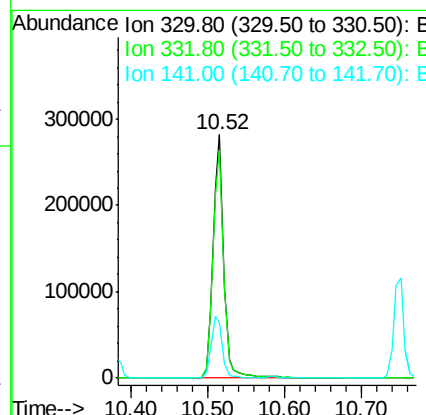
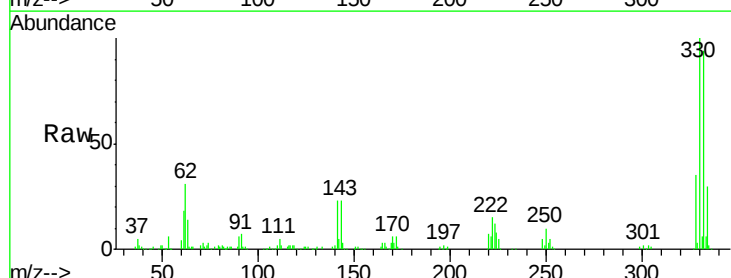
RT: 10.52 min Scan# 1433

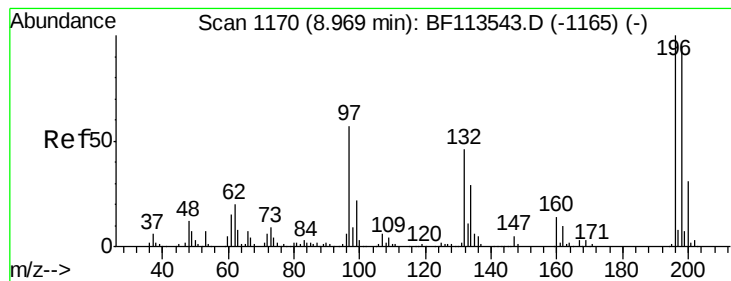
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	330	Resp:	270248
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.8	116.6
141	26.8	22.7	34.1





#43

2,4,6-Trichlorophenol

Concen: 45.445 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

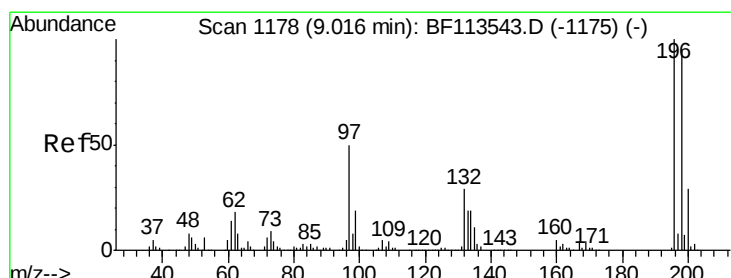
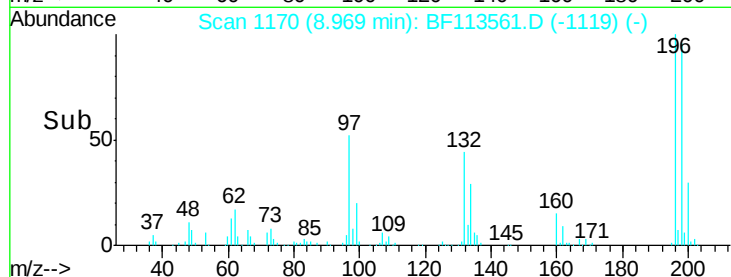
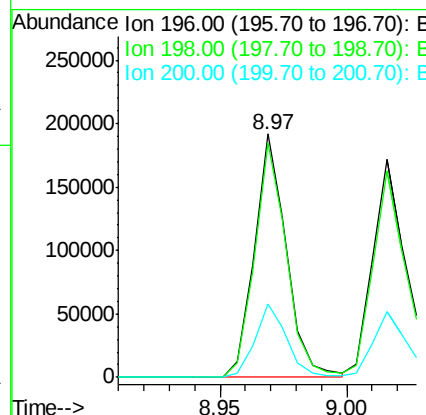
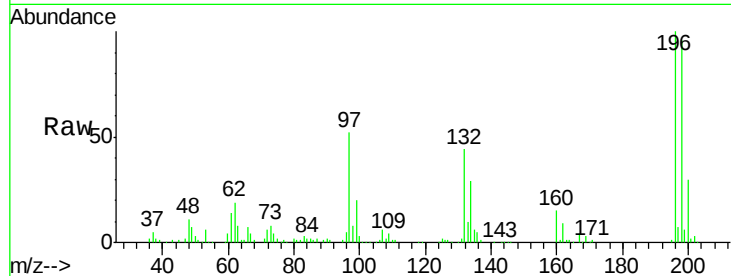
ClientSampled :

VN-SP-1MSD

Tgt Ion:	196	Resp:	167653
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.7	116.5
200	30.1	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 44.364 ng

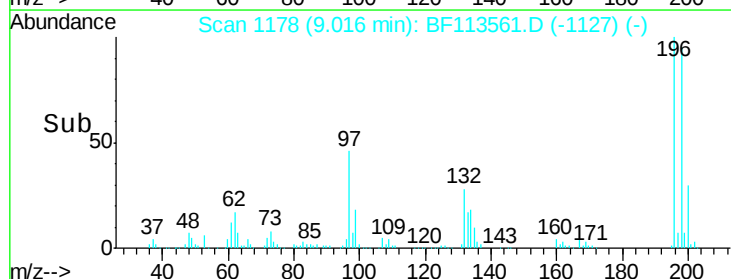
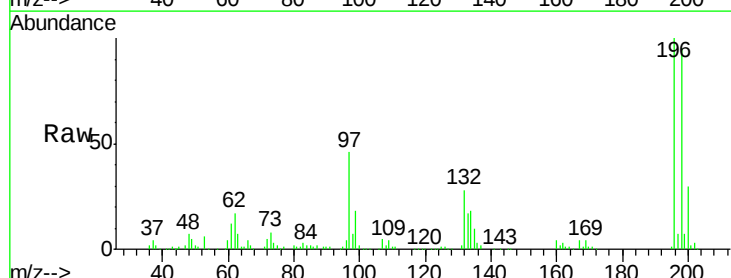
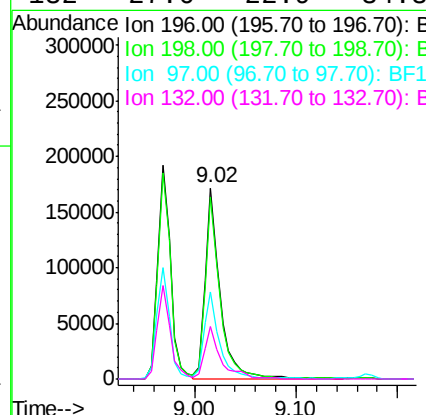
RT: 9.02 min Scan# 1178

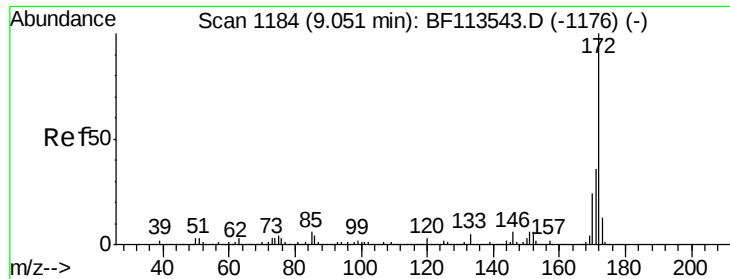
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	196	Resp:	175710
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.4	113.2
97	45.7	38.6	58.0
132	27.6	22.9	34.3





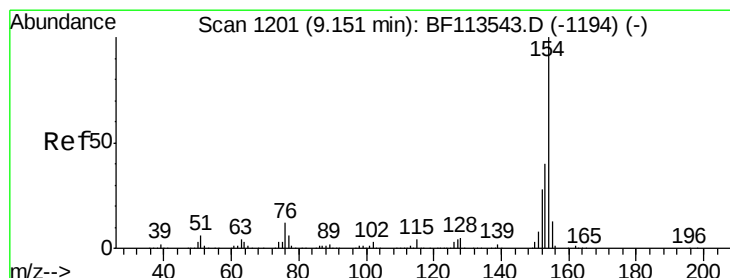
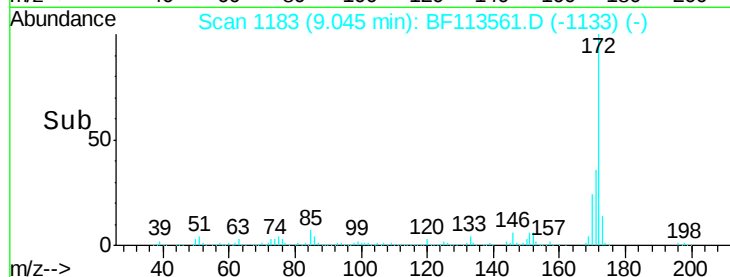
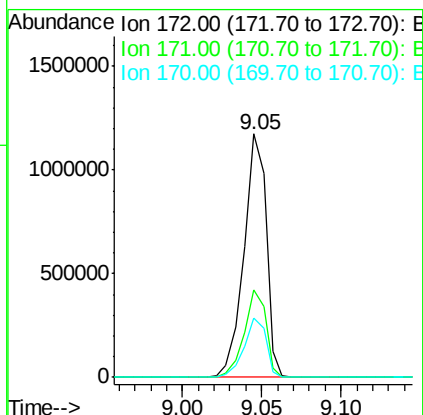
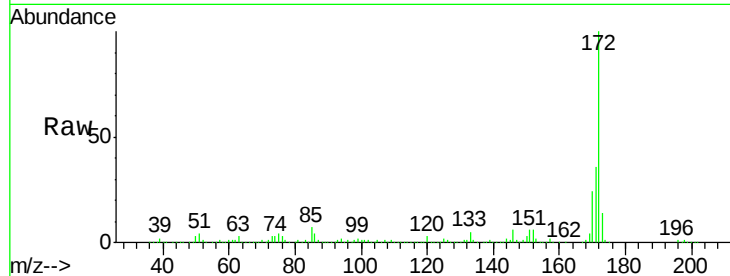
#45
 2-Fluorobiphenyl
 Concen: 102.096 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.5	29.3

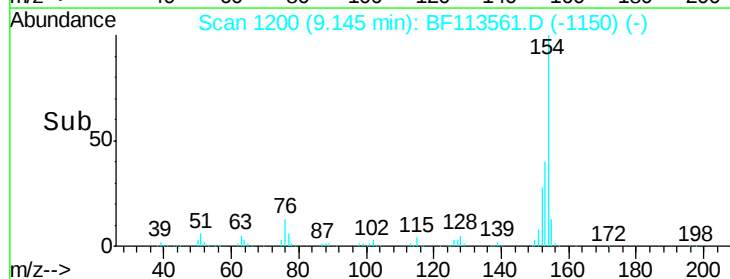
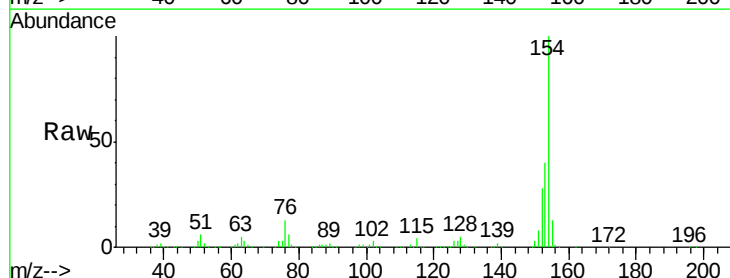
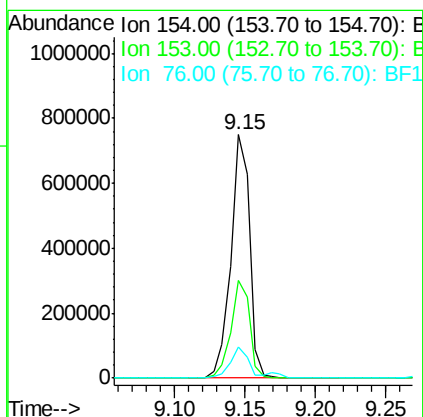
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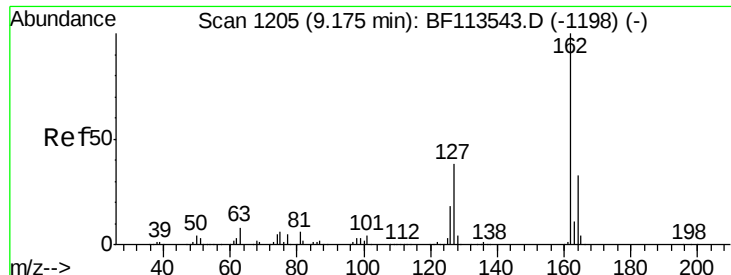
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#46
 1,1'-Biphenyl
 Concen: 46.324 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	12.9	0.0	31.9





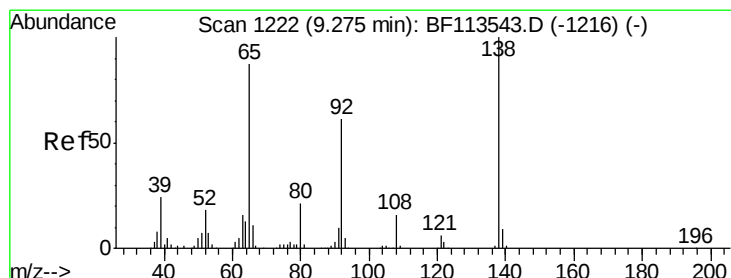
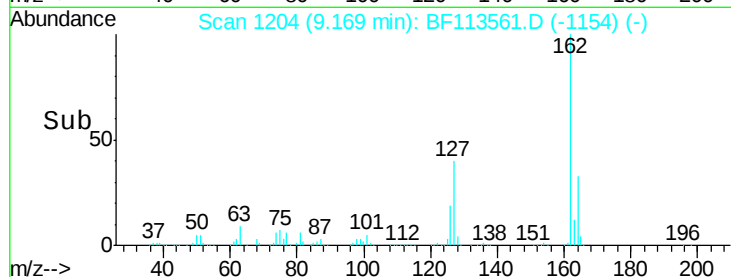
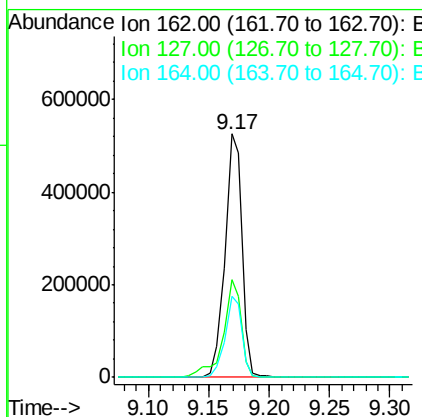
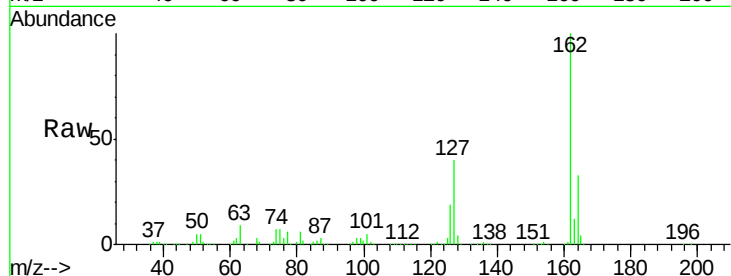
#47
 2-Chloronaphthalene
 Concen: 45.442 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	513065		
127	40.0		32.6	49.0
164	33.5		26.6	39.8

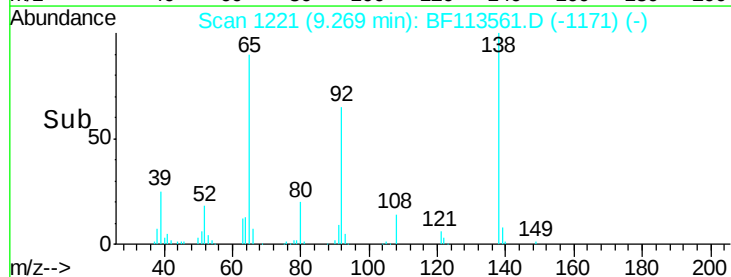
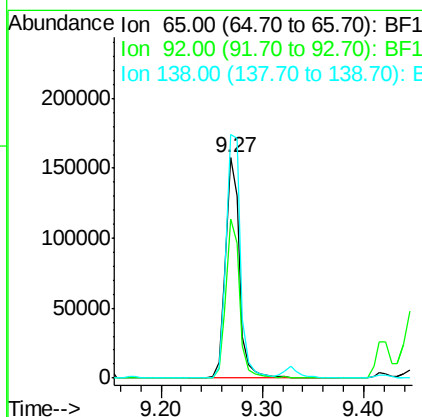
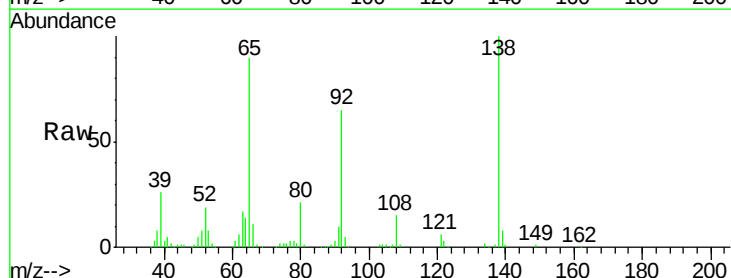
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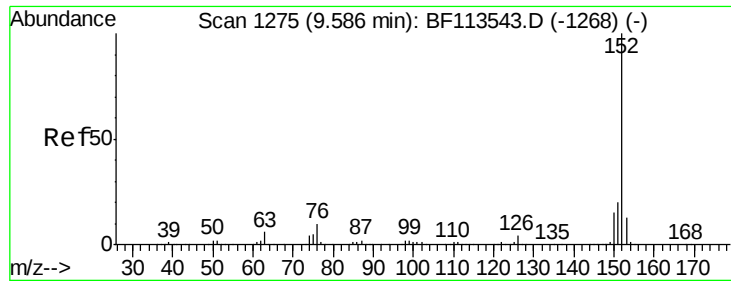
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#48
 2-Nitroaniline
 Concen: 43.673 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	150882		
92	72.1		56.8	85.2
138	110.5		92.3	138.5





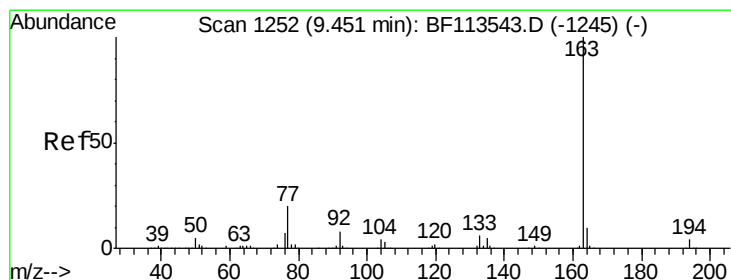
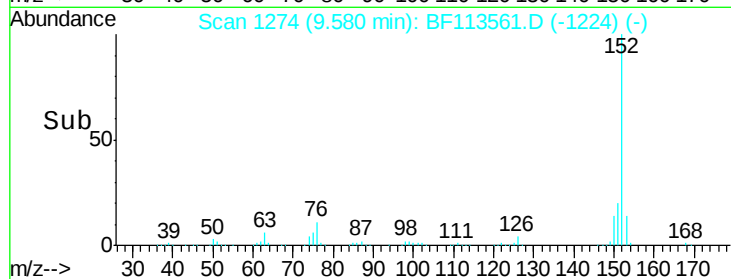
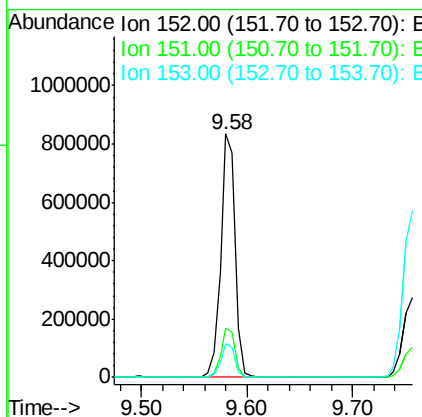
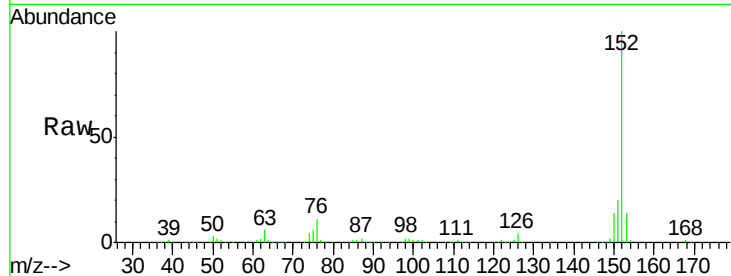
#49
Acenaphthylene
Concen: 43.578 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.6	11.0	16.6

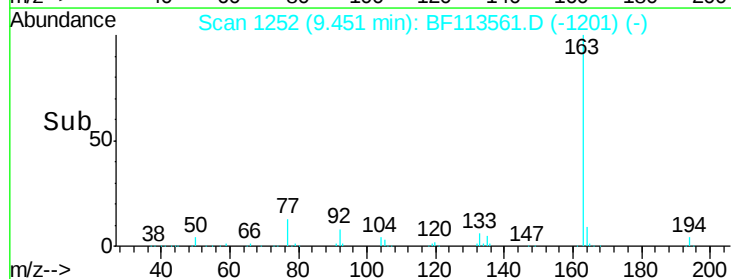
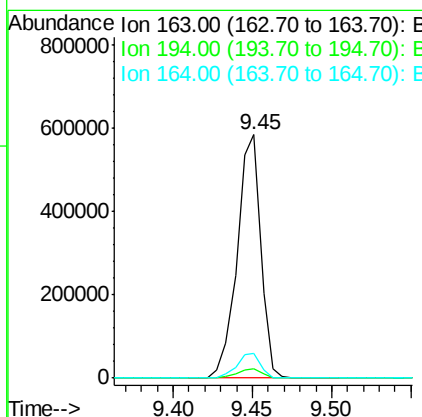
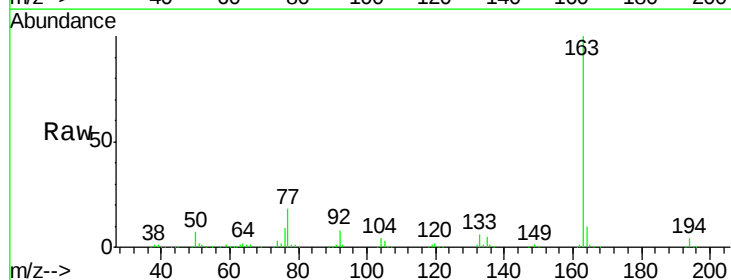
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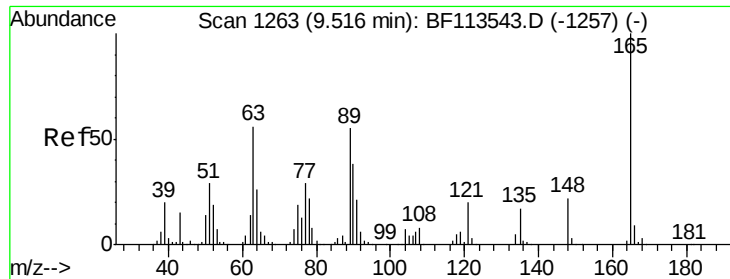
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#50
Dimethylphthalate
Concen: 45.251 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 42.019 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

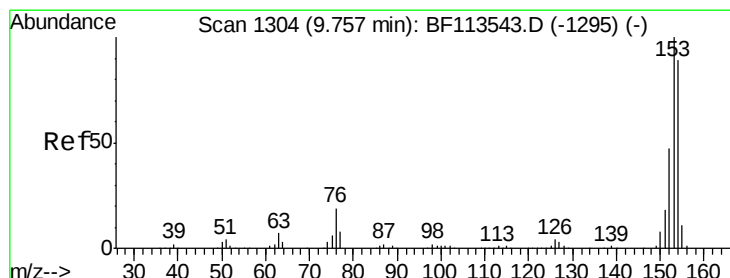
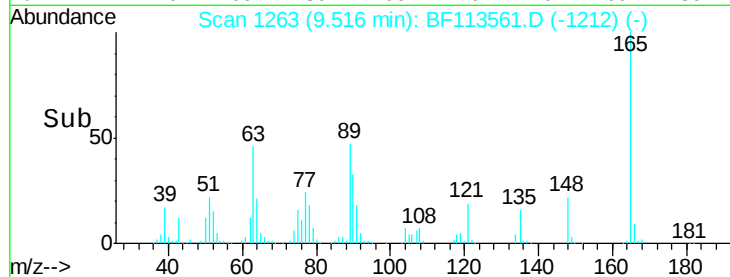
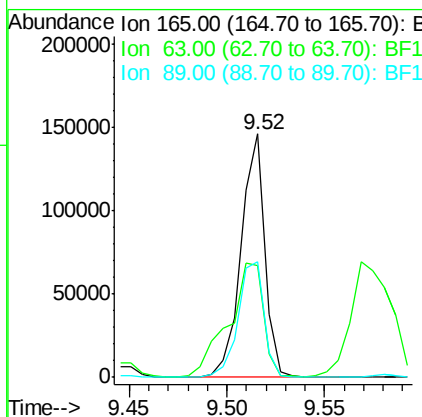
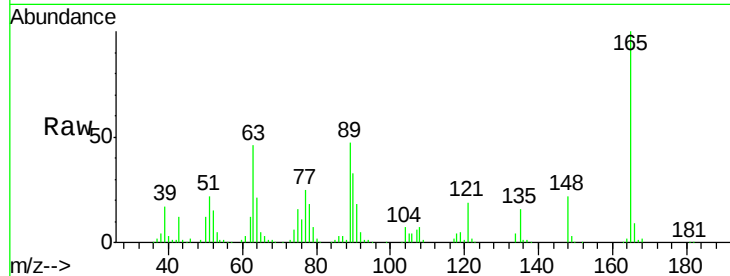
ClientSampled :

VN-SP-1MSD

Tgt	Ion	165	Resp:	123382
Ion	Ratio	Lower	Upper	
165	100			
63	45.7	43.4	65.0	
89	47.4	43.1	64.7	

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#52

Acenaphthene

Concen: 44.041 ng

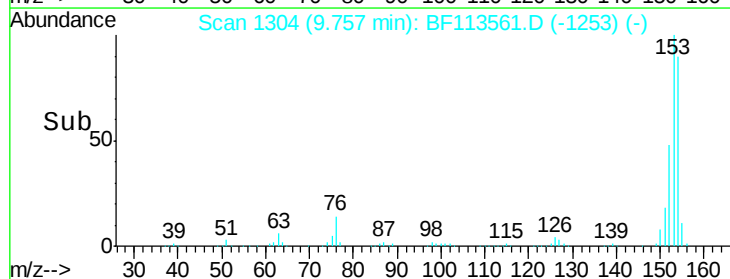
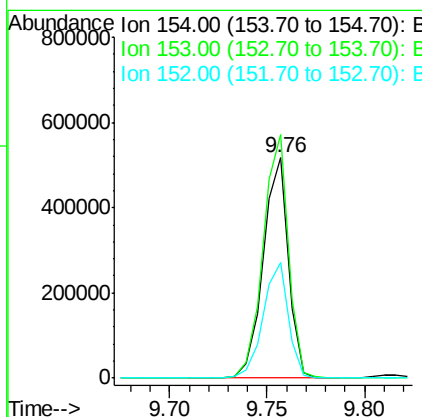
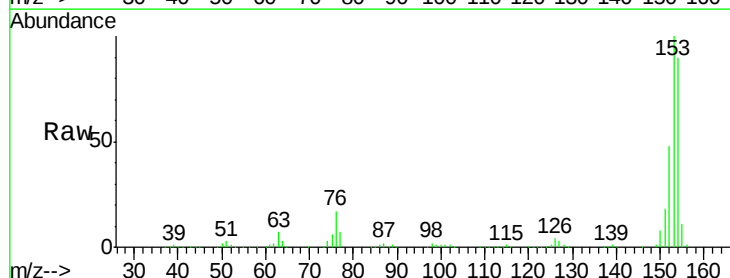
RT: 9.76 min Scan# 1304

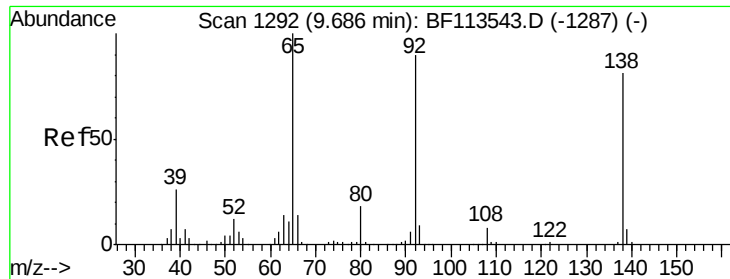
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt	Ion	154	Resp:	462859
Ion	Ratio	Lower	Upper	
154	100			
153	110.7	89.5	134.3	
152	52.7	43.3	64.9	





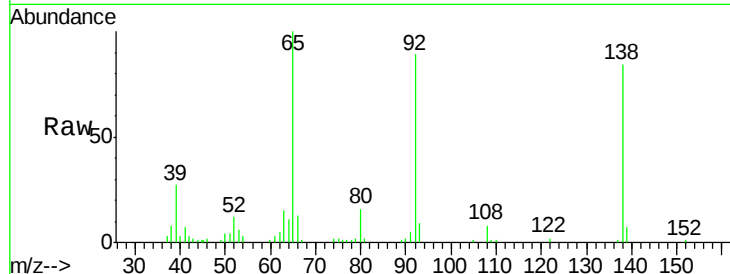
#53
3-Nitroaniline
Concen: 10.851 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

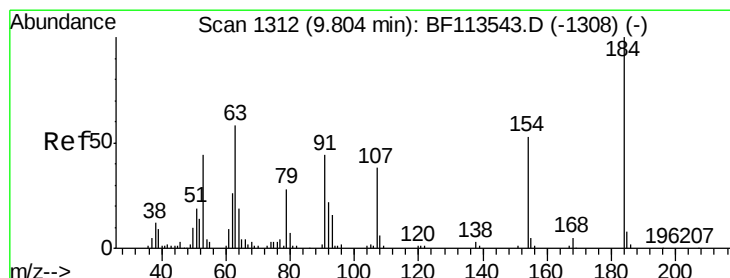
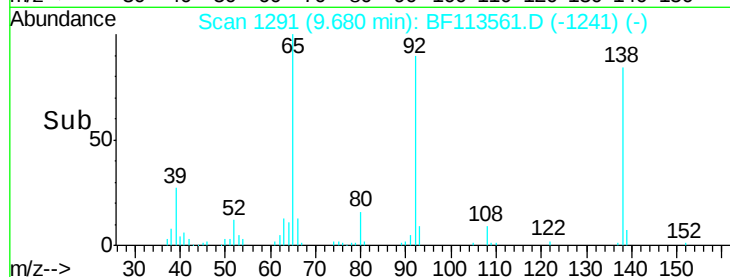
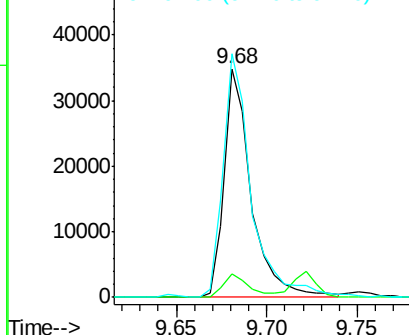
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.6
92	106.5	82.6	124.0

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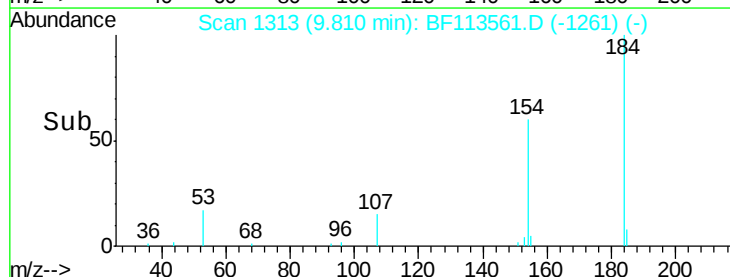
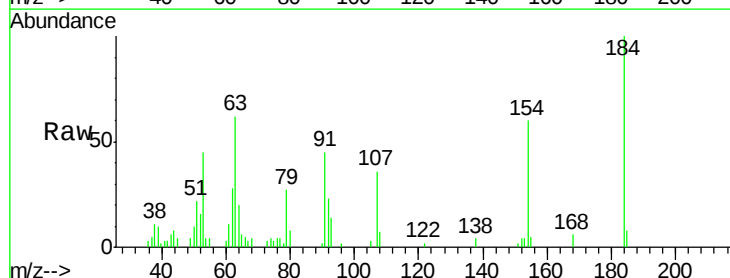
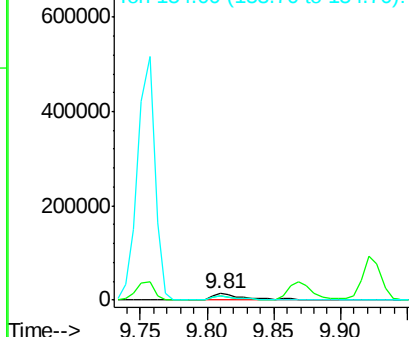
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

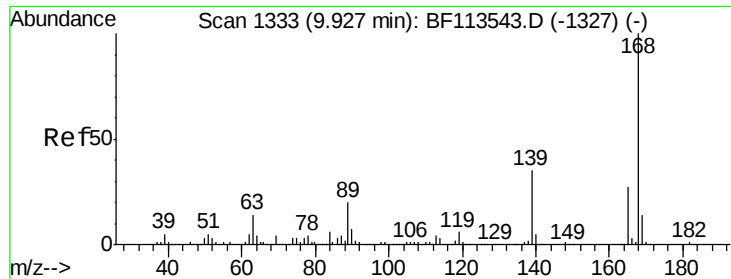


#54
2,4-Dinitrophenol
Concen: 17.032 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	54.3	81.5
154	60.2	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





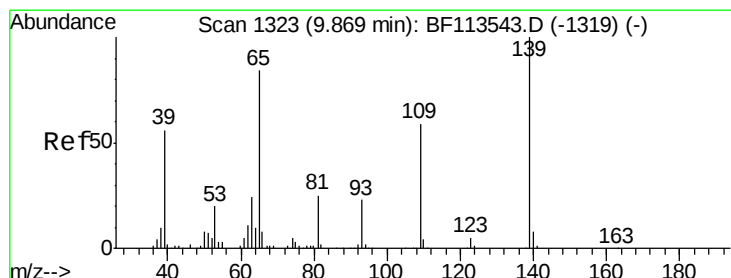
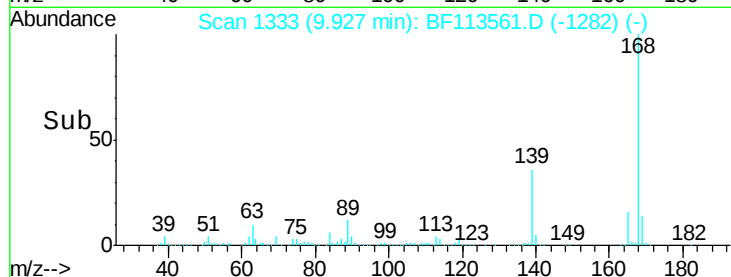
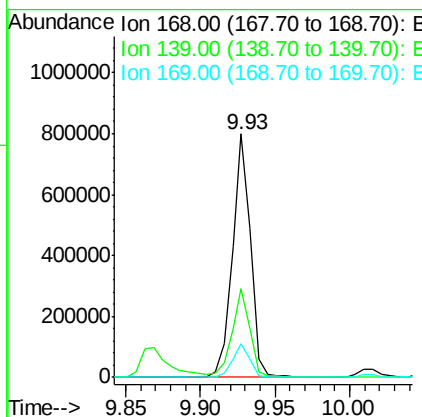
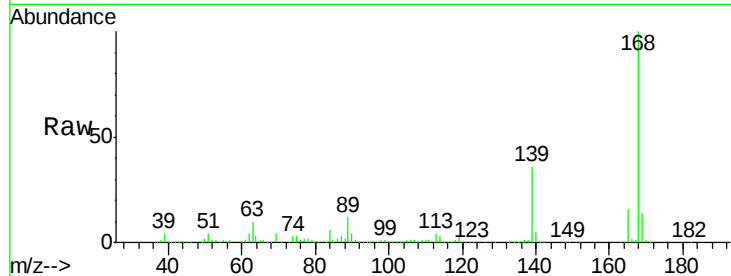
#55
Dibenzenofuran
Concen: 44.327 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.7	44.5
169	13.6	10.7	16.1

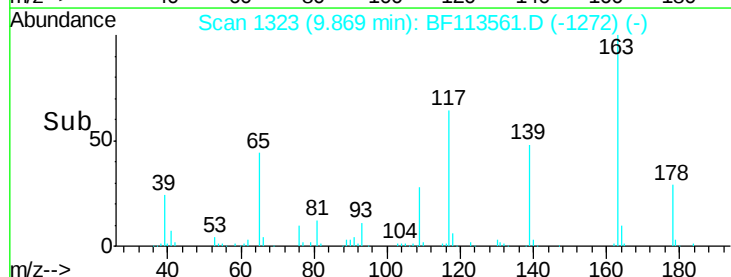
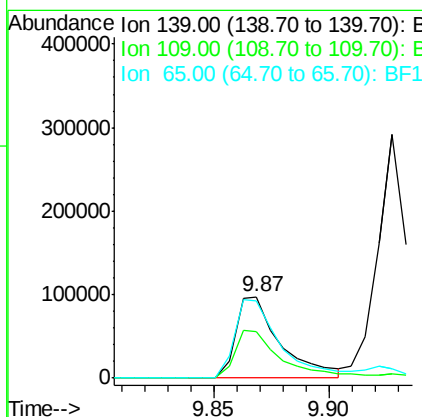
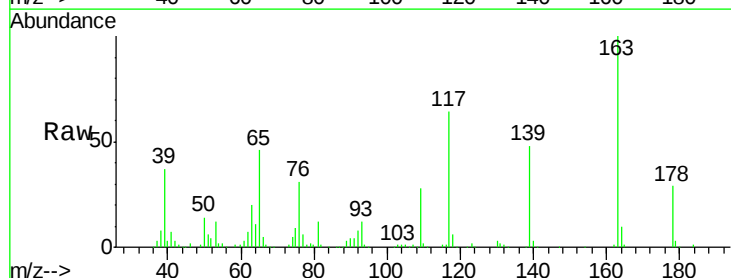
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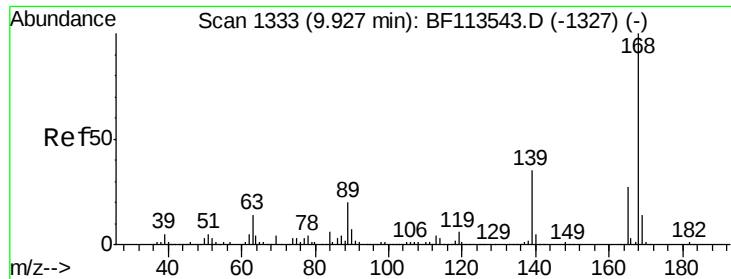
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#56
4-Nitrophenol
Concen: 63.205 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

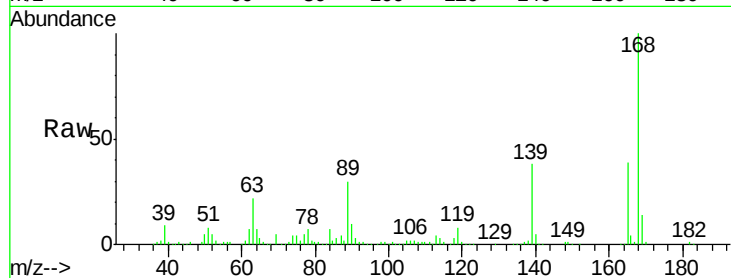
Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.0	46.9	86.9
65	94.9	77.2	117.2





#57
2,4-Dinitrotoluene
Concen: 40.903 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

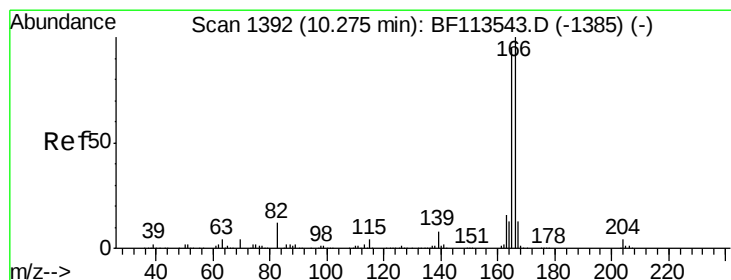
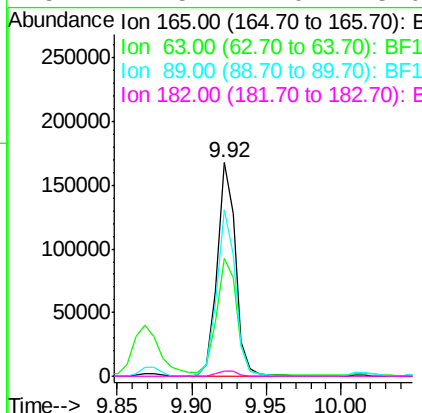
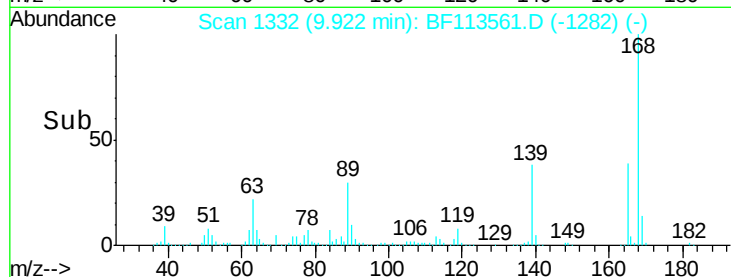
Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145258		
63	55.4	37.5	56.3	
89	77.9	57.4	86.2	
182	2.5	2.0	3.0	

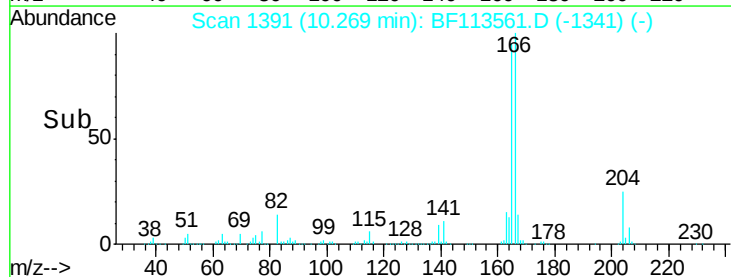
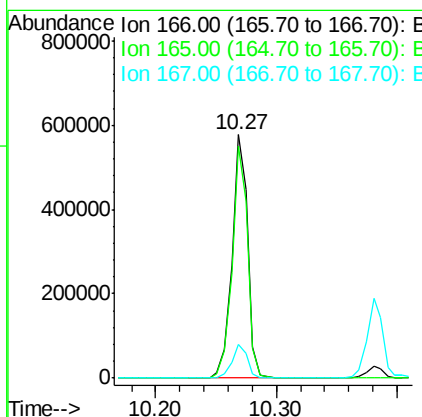
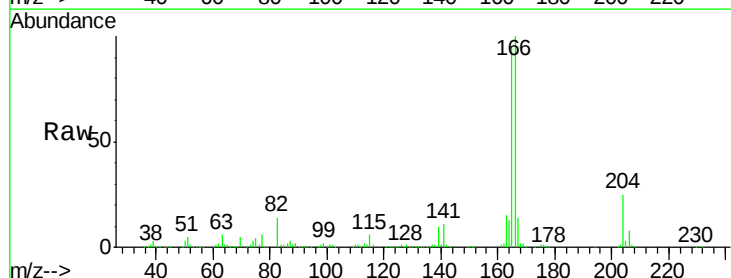
Manual Integrations
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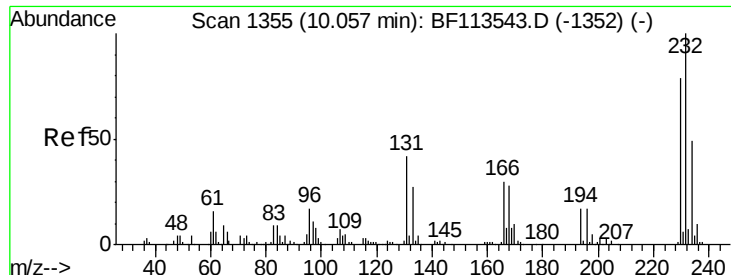
Sohil
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#58
Fluorene
Concen: 42.542 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	518731		
165	95.2	76.2	114.2	
167	13.8	10.7	16.1	





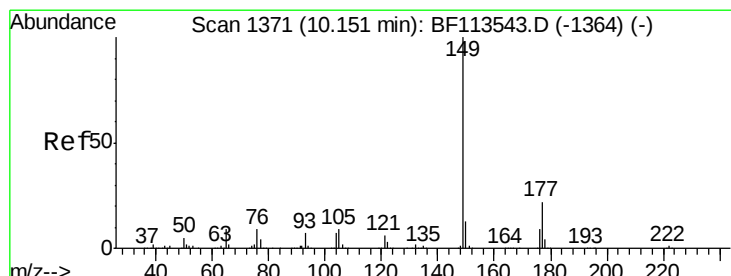
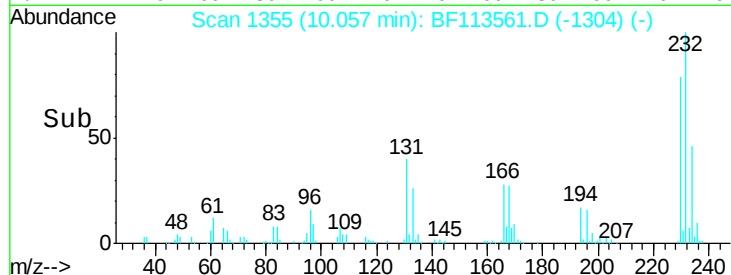
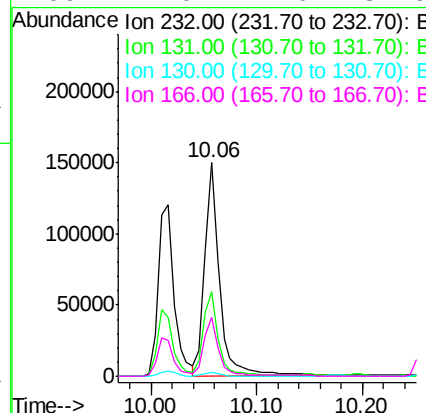
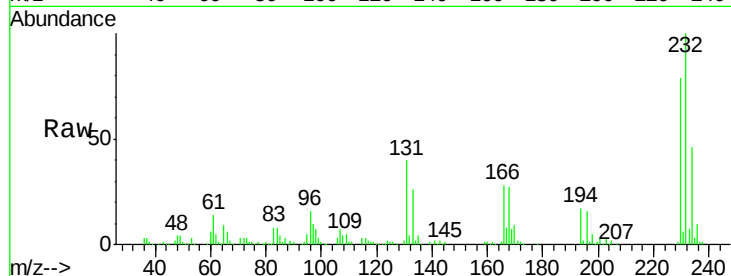
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.108 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	144359		
131	39.7	33.2	49.8	
130	1.9	1.6	2.4	
166	27.0	21.0	31.6	

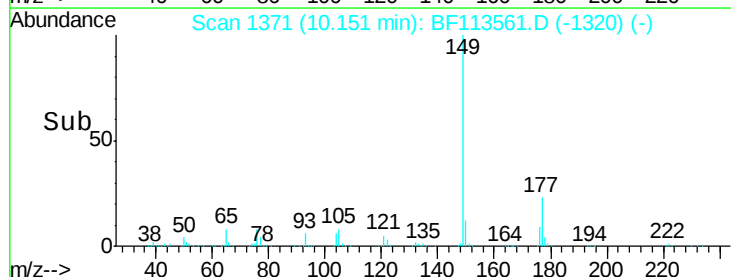
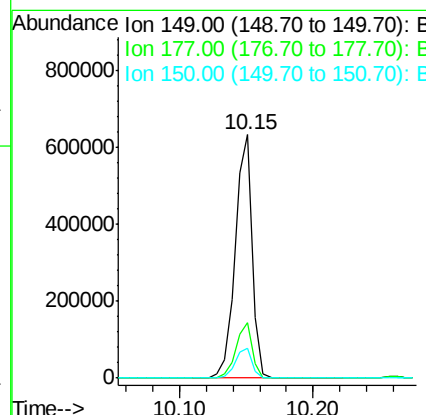
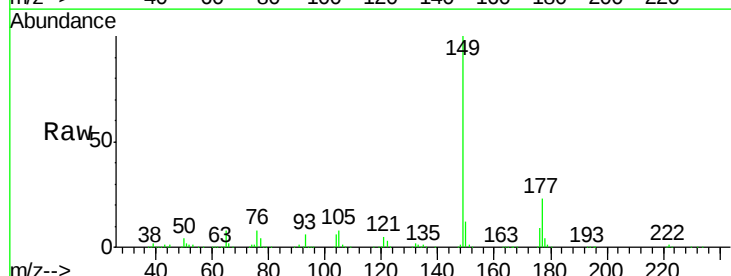
Manual Integrations
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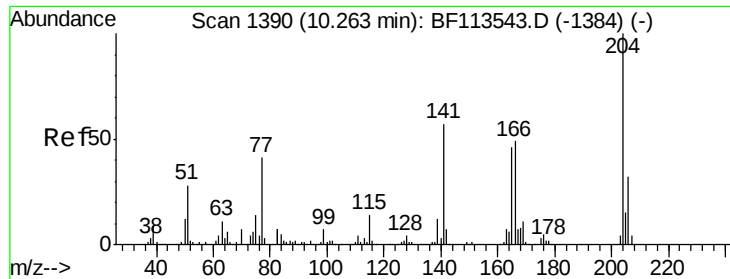
Sohil
 4/4/2019 10:57:54 AM



#60
 Diethylphthalate
 Concen: 44.150 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567033		
177	22.9	17.4	26.0	
150	12.3	10.0	15.0	





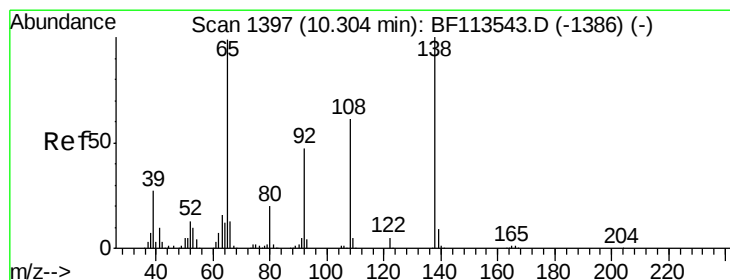
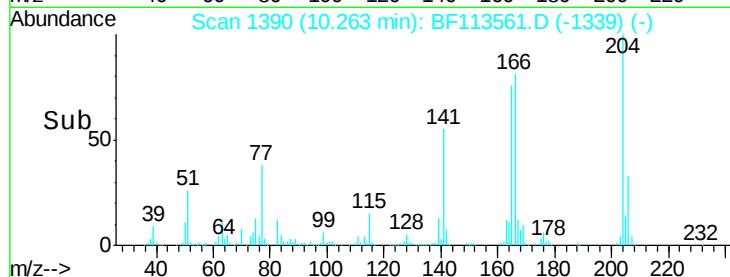
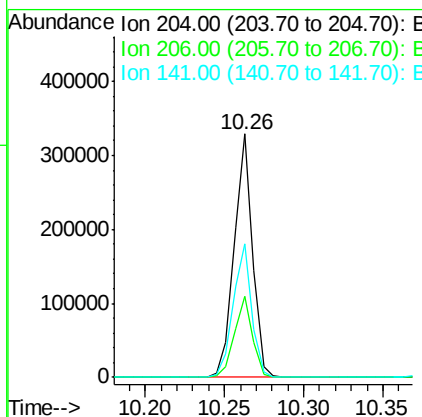
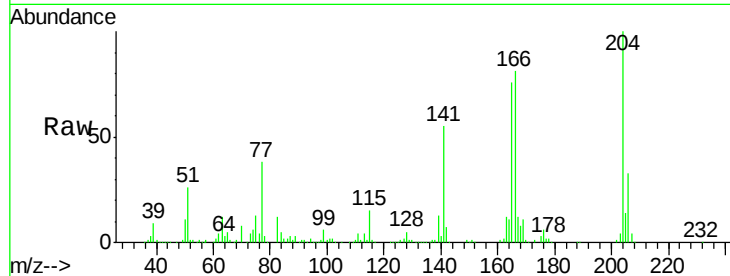
#61
4-Chlorophenyl-phenylether
Concen: 44.050 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	264193		
206	33.2	26.9	40.3	
141	54.9	48.8	73.2	

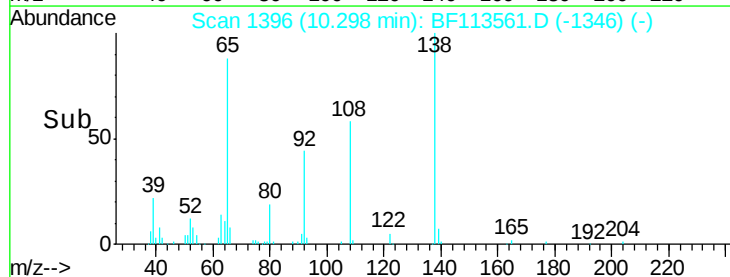
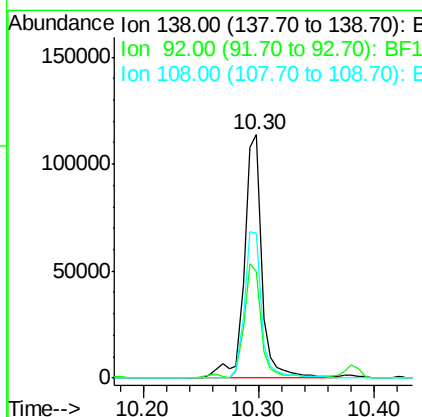
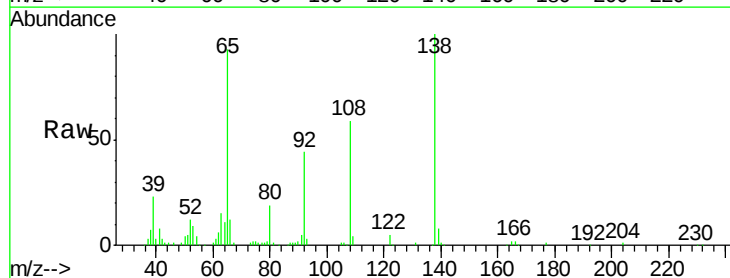
Manual Integrations
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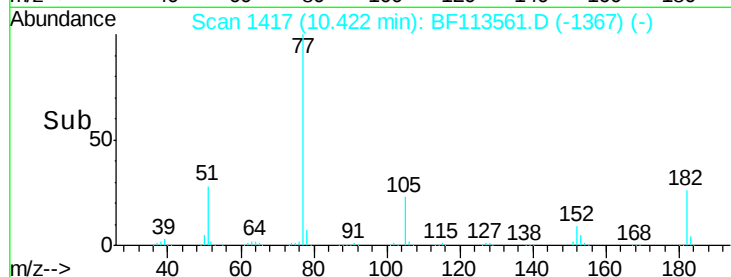
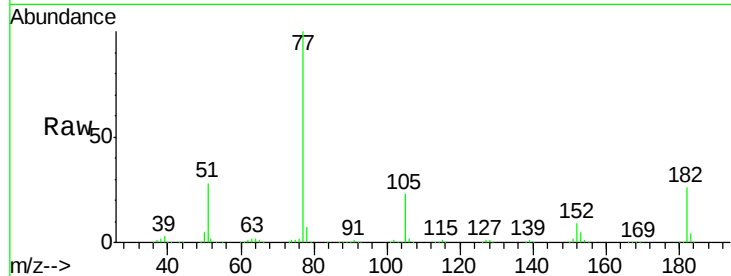
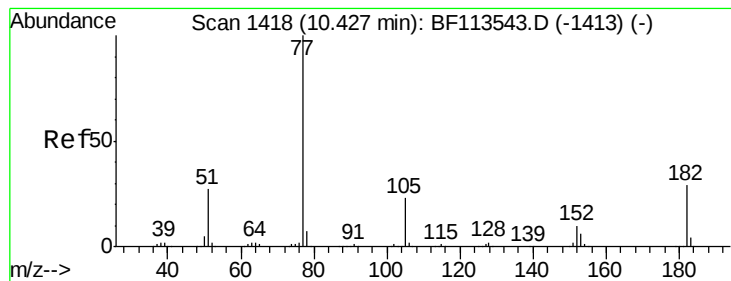
Sohil
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#62
4-Nitroaniline
Concen: 35.867 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	121763		
92	43.9	25.8	65.8	
108	59.4	44.0	84.0	





#63

Azobenzene

Concen: 41.753 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	8.7	48.7
105	22.7	2.9	42.9
51	27.8	8.8	48.8

Instrument :

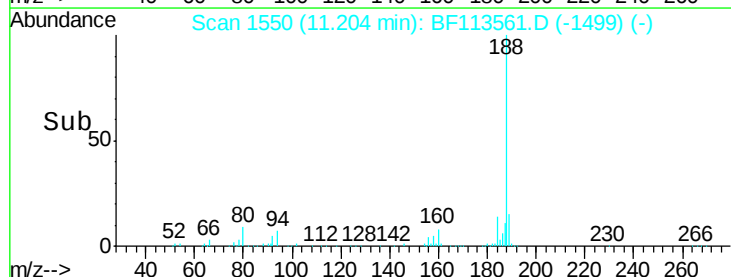
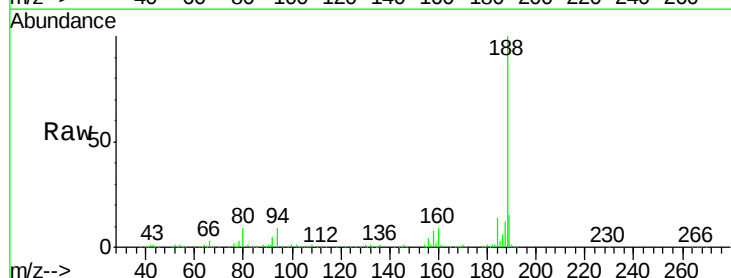
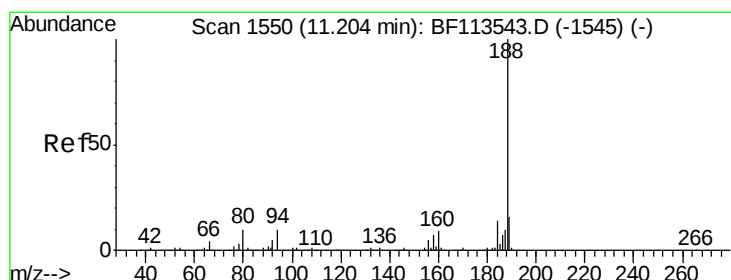
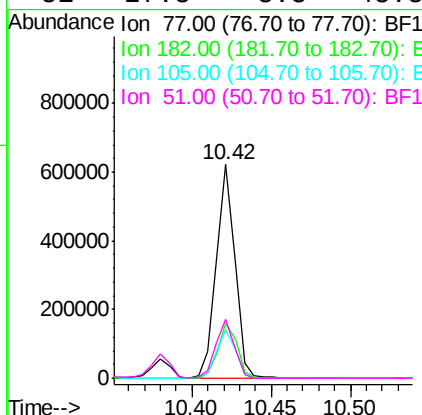
BNA_F

ClientSampleId :

VN-SP-1MSD

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#64

Phenanthrene-d10

Concen: 20.000 ng

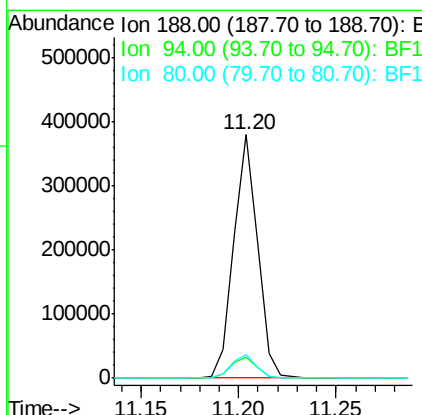
RT: 11.20 min Scan# 1550

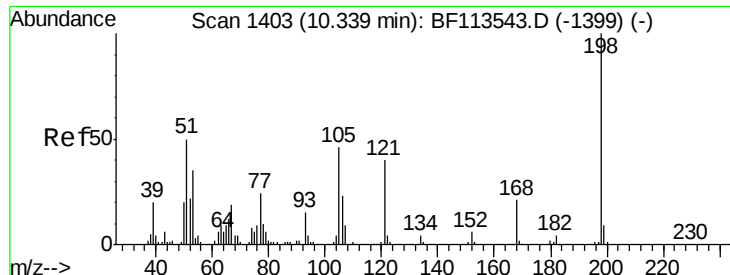
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.5	7.7	11.5





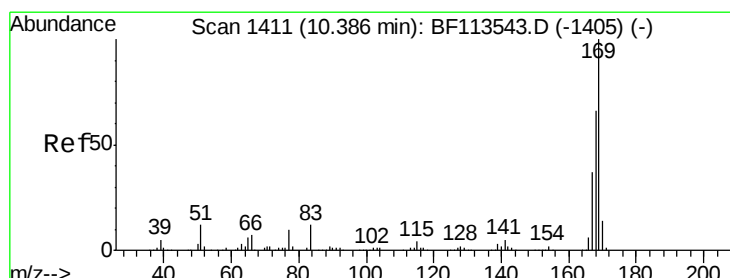
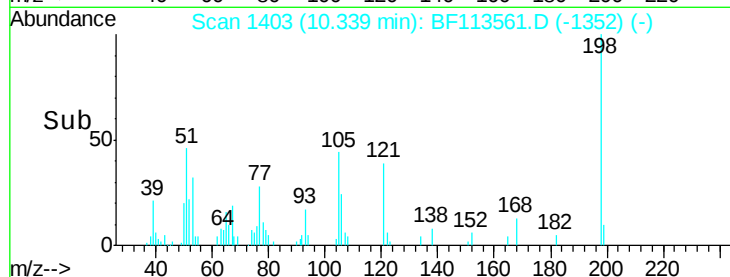
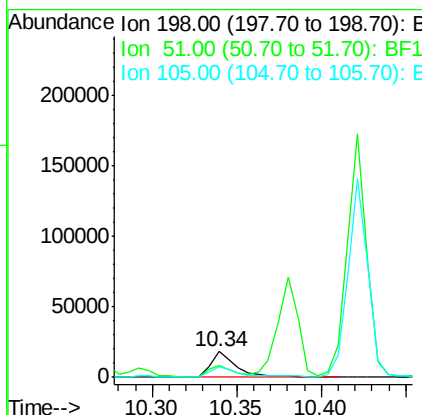
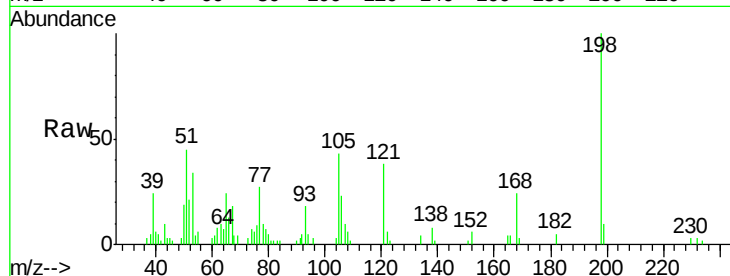
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.702 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.7	21.6	61.6
105	43.3	20.6	60.6

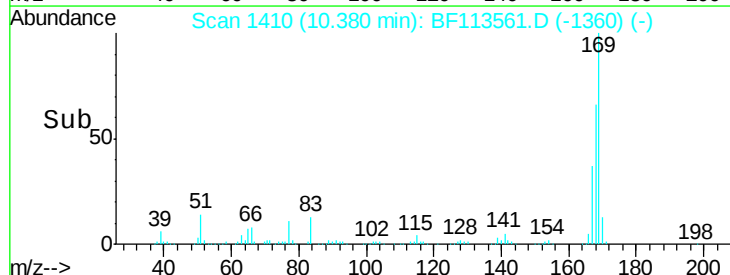
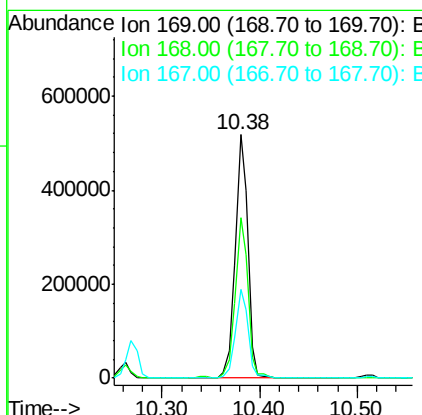
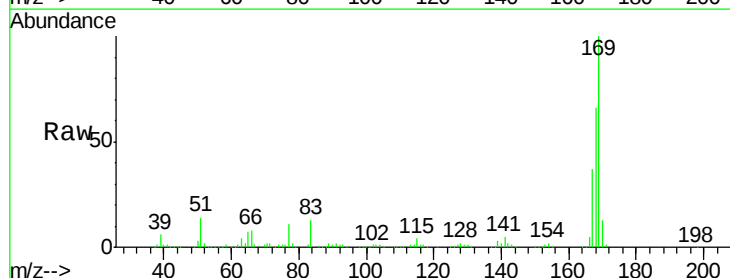
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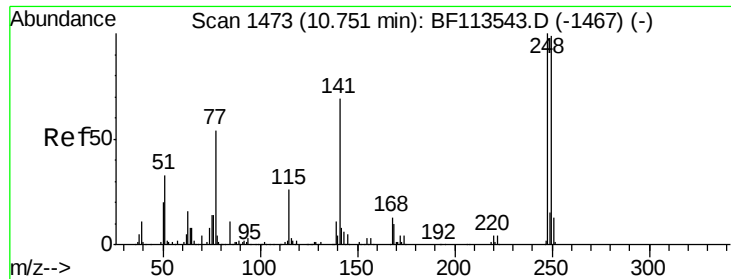
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#66
 n-Nitrosodiphenylamine
 Concen: 46.785 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.7	80.5
167	36.6	29.5	44.3





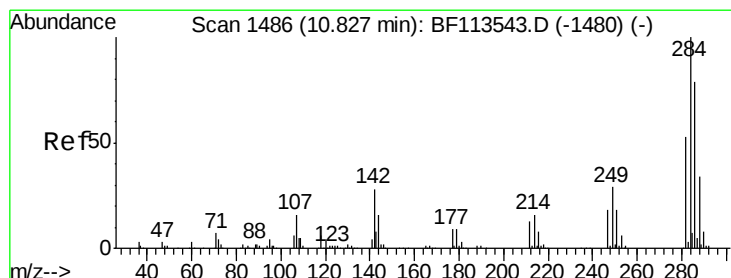
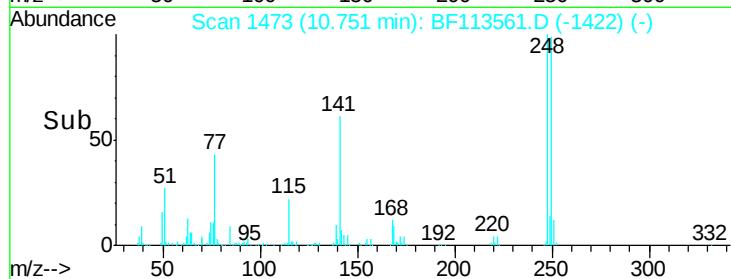
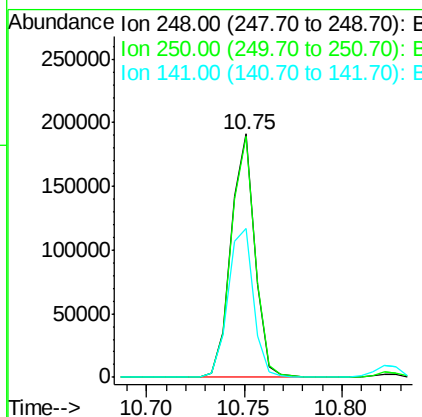
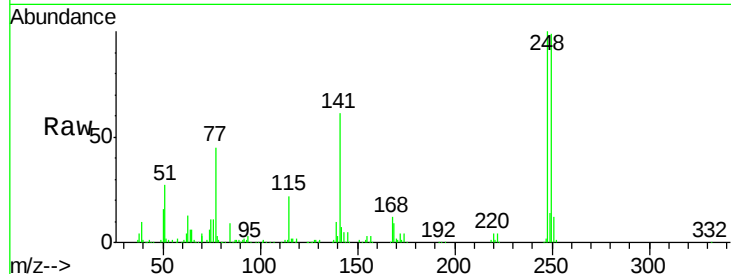
#67
 4-Bromophenyl-phenylether
 Concen: 44.559 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.3	117.5
141	61.0	56.2	84.4

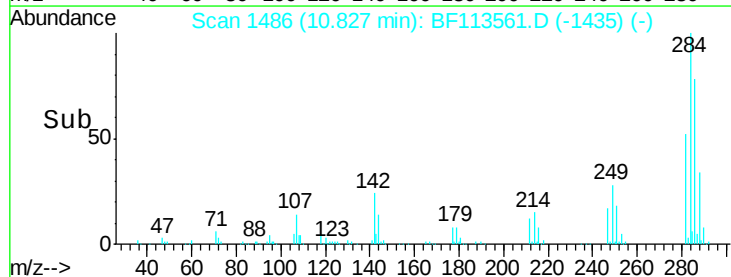
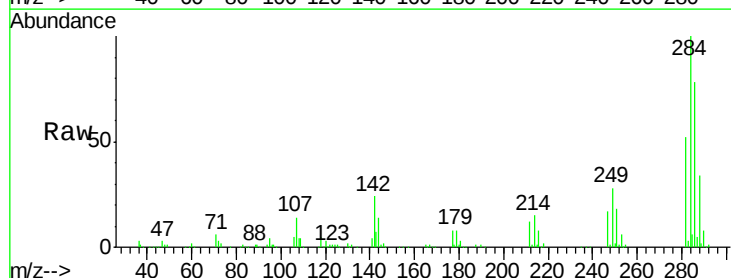
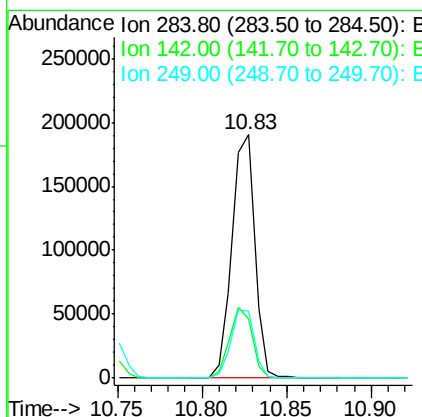
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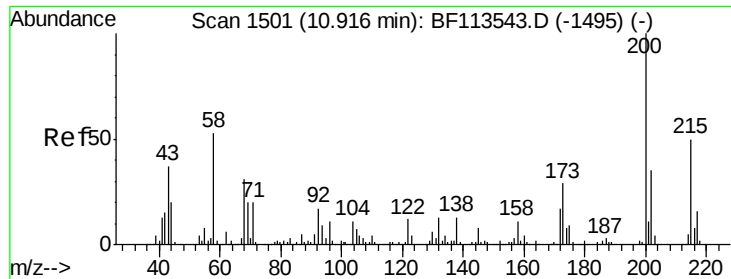
Sohil
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#68
 Hexachlorobenzene
 Concen: 43.099 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.2	20.1	30.1
249	27.6	22.7	34.1





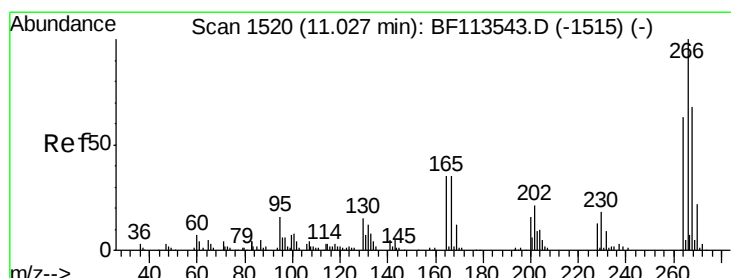
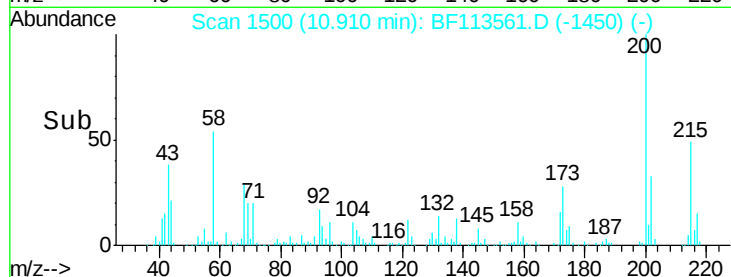
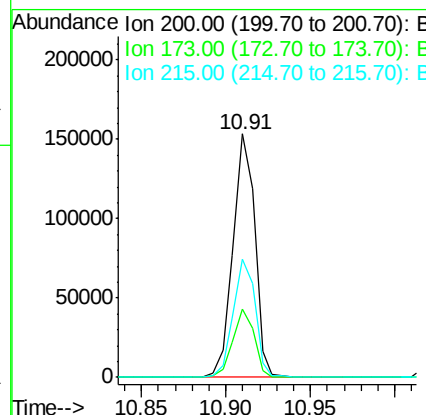
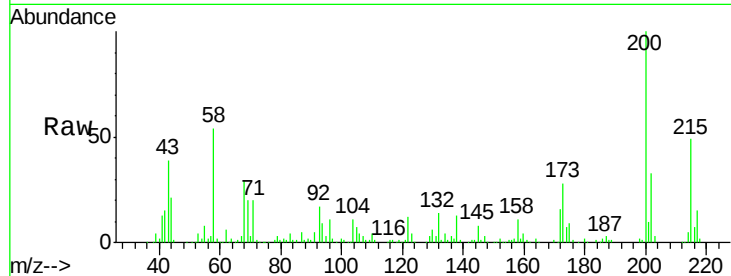
#69
 Atrazine
 Concen: 43.934 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	137760		
173	27.9	6.0	46.0	
215	48.6	31.3	71.3	

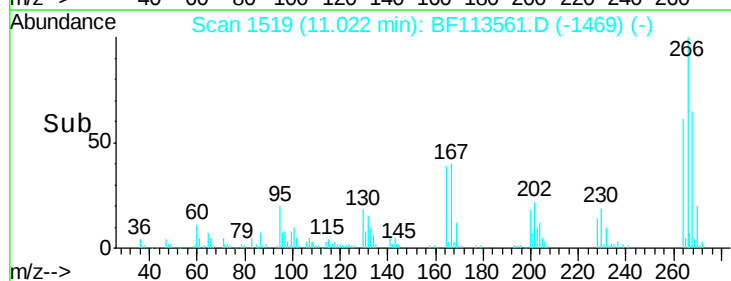
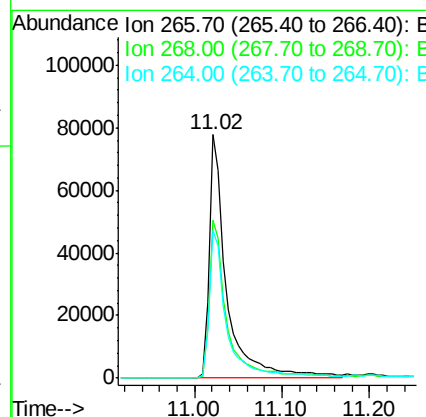
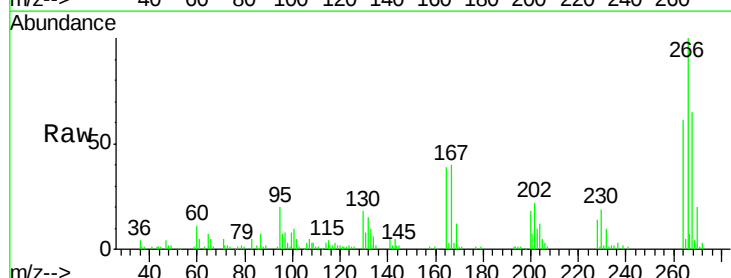
Manual Integrations
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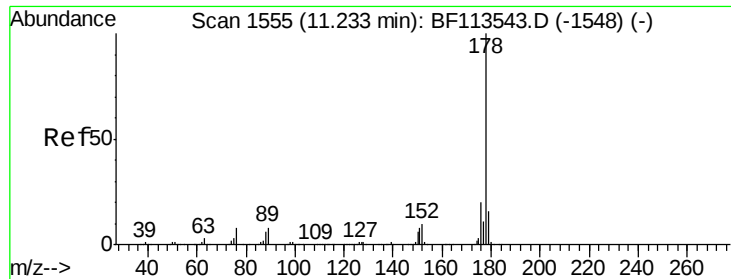
Sohil
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#70
 Pentachlorophenol
 Concen: 55.400 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	108710		
268	64.6	53.8	80.6	
264	60.8	49.2	73.8	





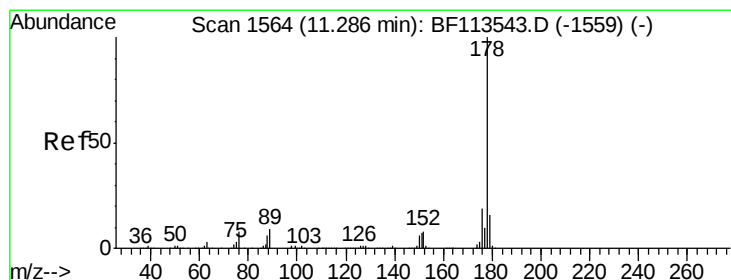
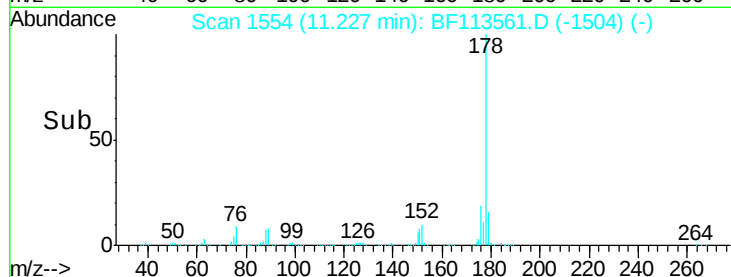
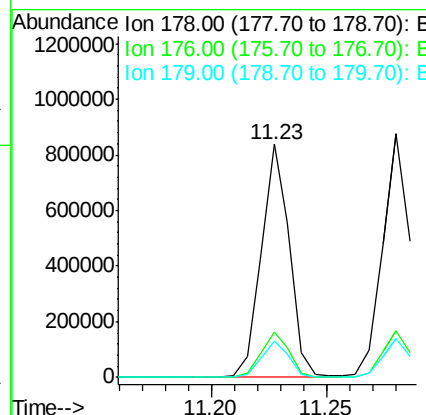
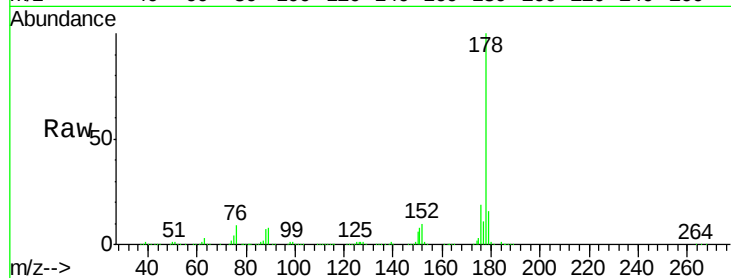
#71
Phenanthrene
Concen: 44.067 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.8	12.7	19.1

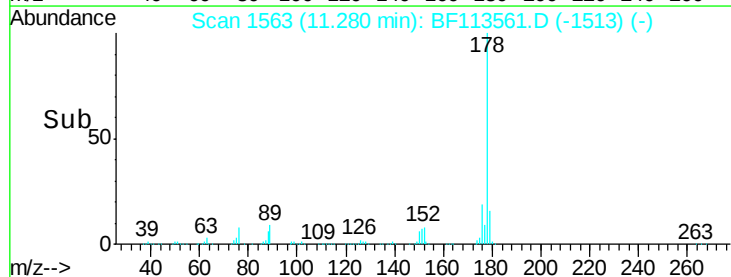
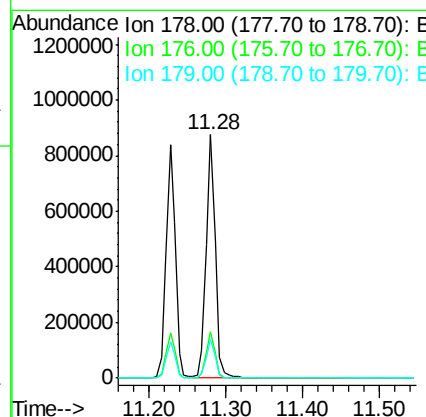
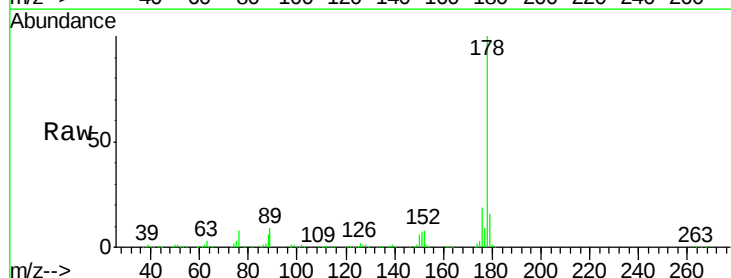
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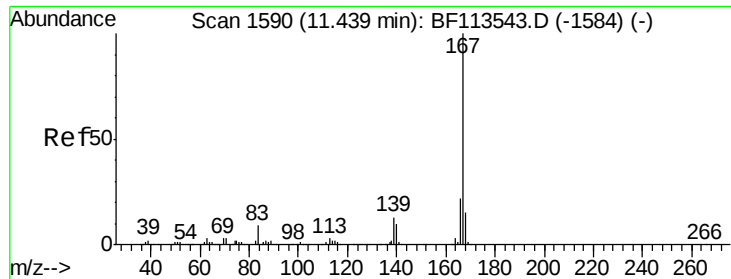
Sohil
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#72
Anthracene
Concen: 45.072 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.0	12.8	19.2





#73

Carbazole

Concen: 44.257 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

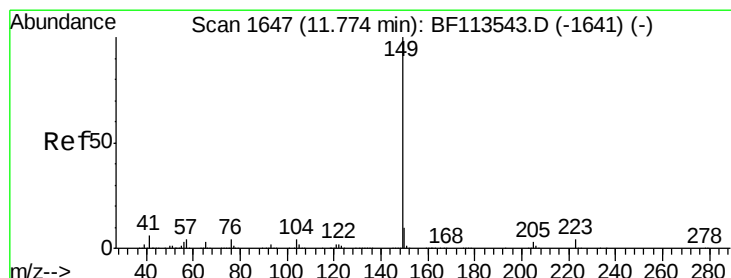
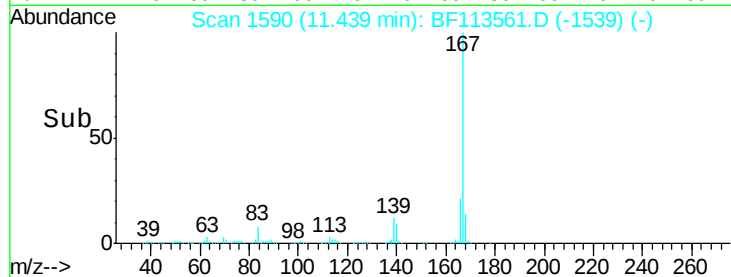
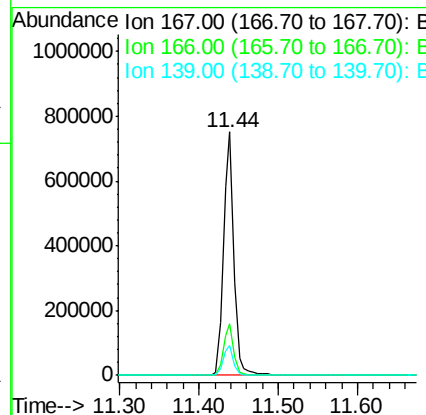
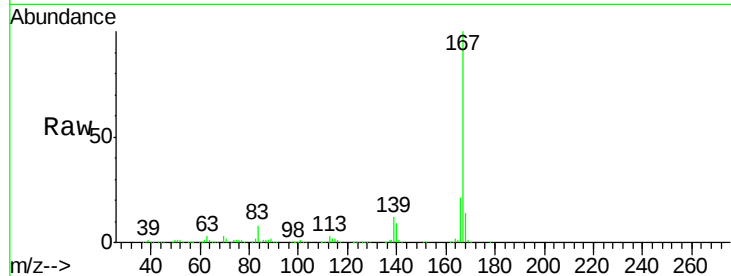
ClientSampleId :

VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	678147		
166	21.2	17.4	26.0	
139	12.5	10.4	15.6	

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#74

Di-n-butylphthalate

Concen: 46.033 ng

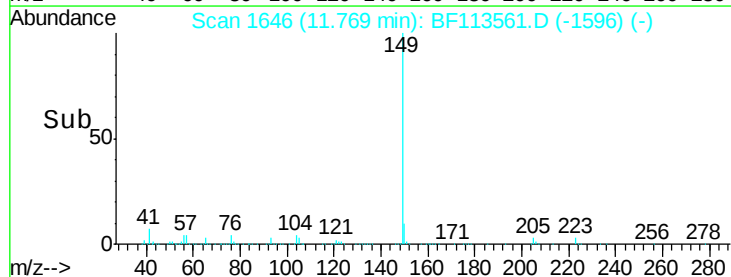
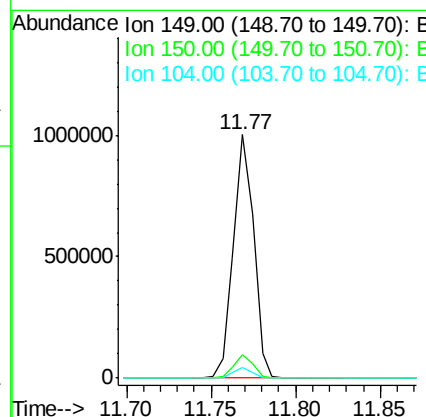
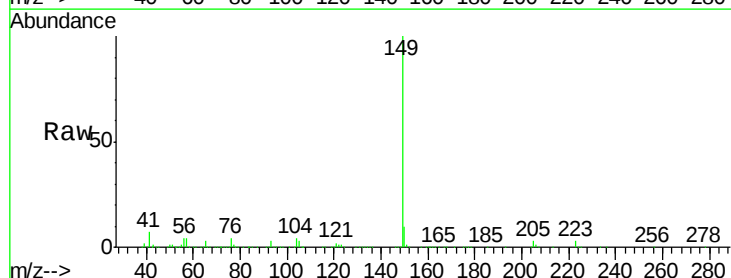
RT: 11.77 min Scan# 1646

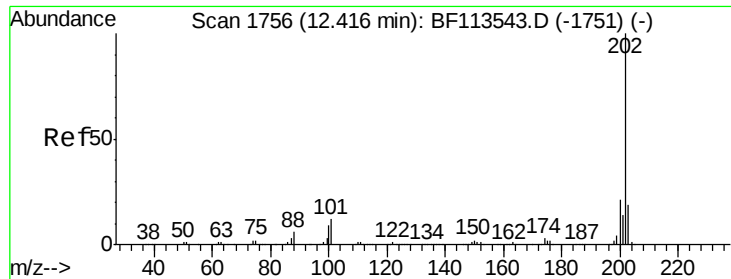
Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	839074		
150	9.6	7.7	11.5	
104	4.3	3.7	5.5	





#75

Fluoranthene

Concen: 45.414 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

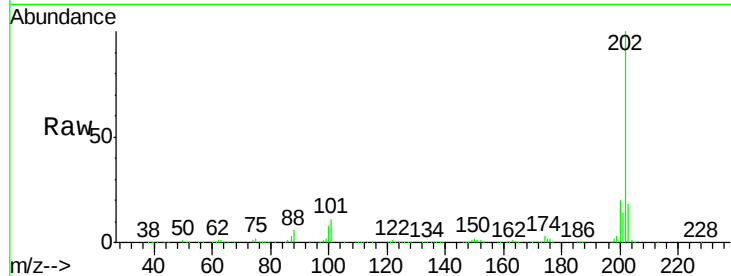
ClientSampleId :

VN-SP-1MSD

Tgt	Ion	202	Resp:	783616
Ion	Ratio	Lower	Upper	
202	100			
101	11.0	0.0	31.4	
203	18.0	0.0	38.0	

Manual Integrations
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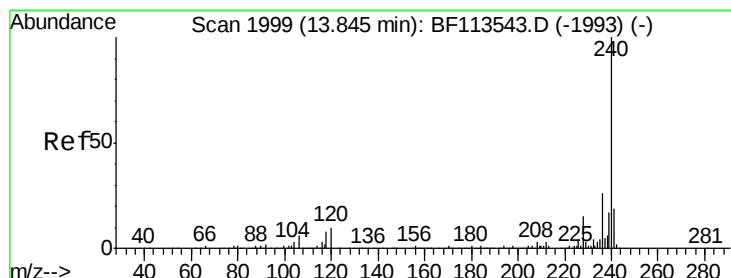
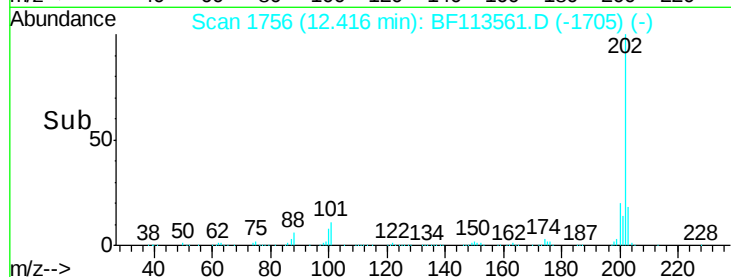
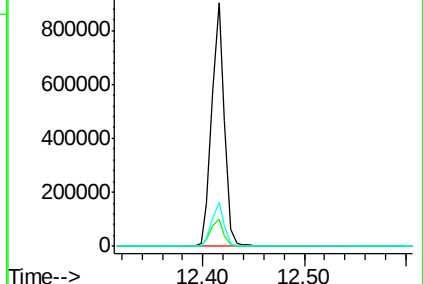
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

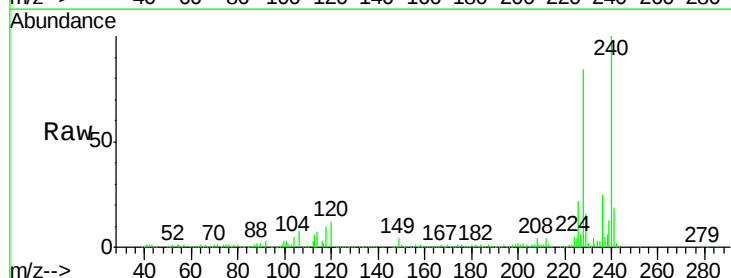
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

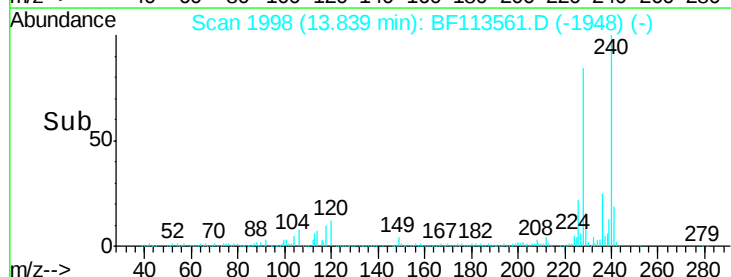
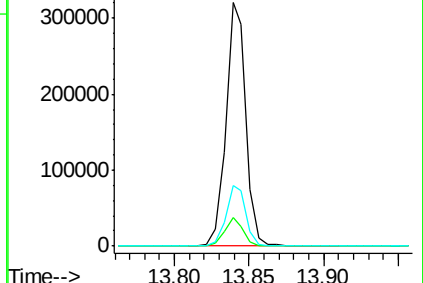
Tgt	Ion	240	Resp:	301410
Ion	Ratio	Lower	Upper	
240	100			
120	11.9	8.8	13.2	
236	25.0	20.9	31.3	

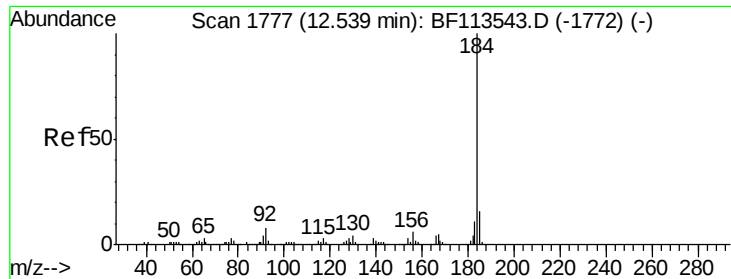


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.733 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

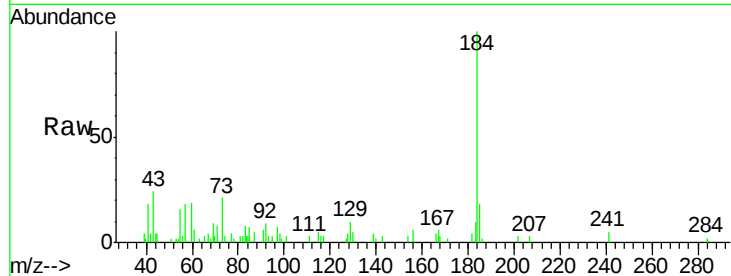
ClientSampleId :

VN-SP-1MSD

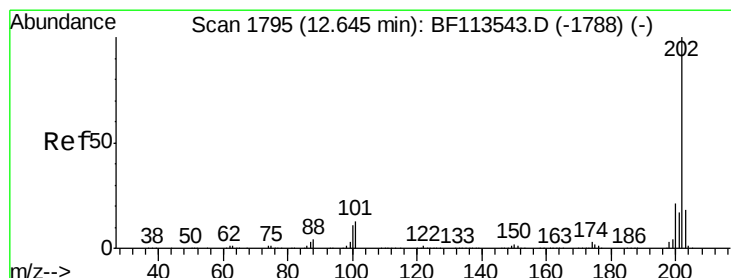
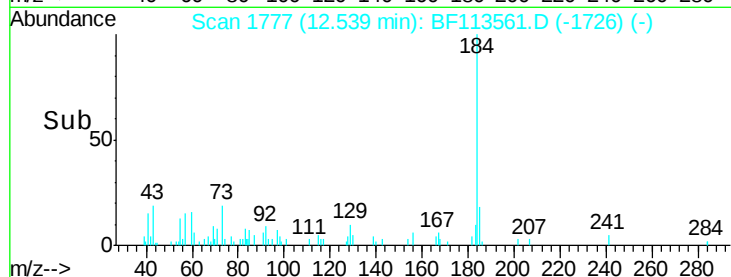
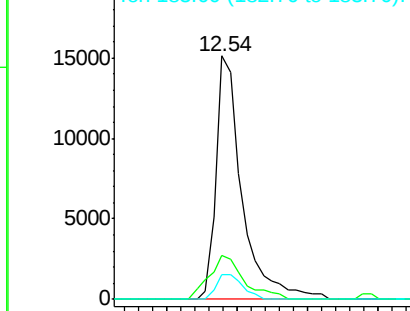
Tgt Ion:	184	Resp:	19420
Ion Ratio	Lower	Upper	
184	100		
185	17.8	13.0	19.6
183	10.4	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.207 ng

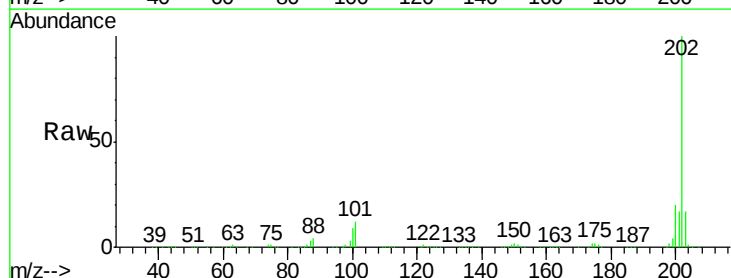
RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

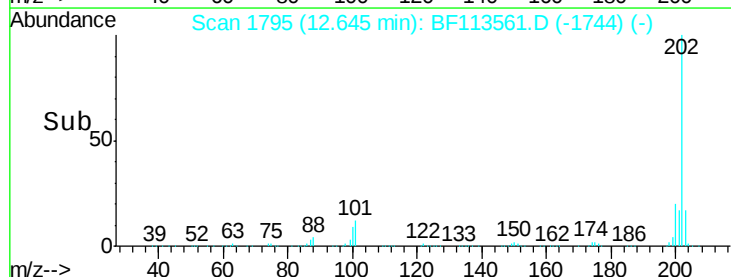
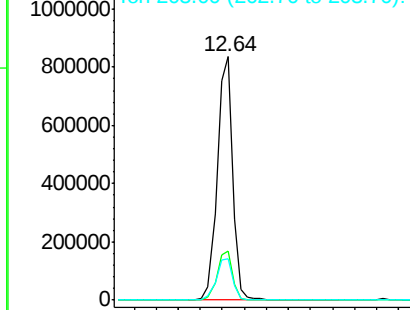
Lab File: BF113561.D

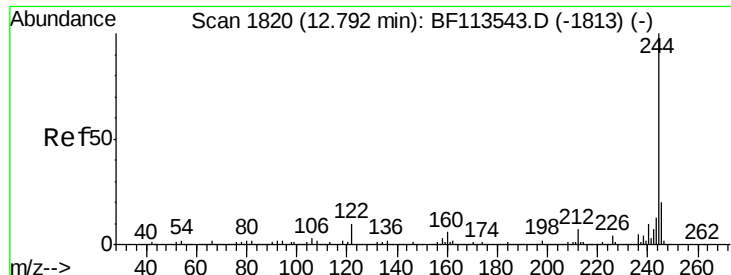
Acq: 3 Apr 2019 23:46

Tgt Ion:	202	Resp:	807430
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.2	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.689 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

VN-SP-1MSD

Tgt Ion:244 Resp: 1135293

Ion Ratio Lower Upper

244 100

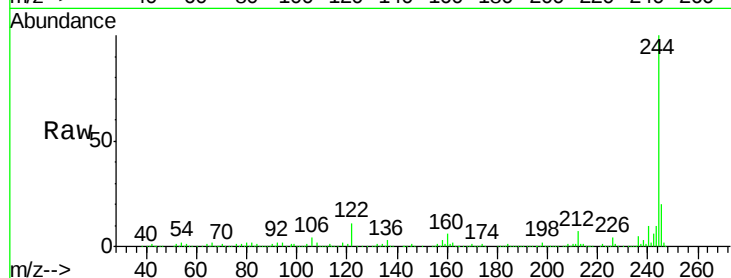
212 6.7 5.5 8.3

122 11.3 8.6 13.0

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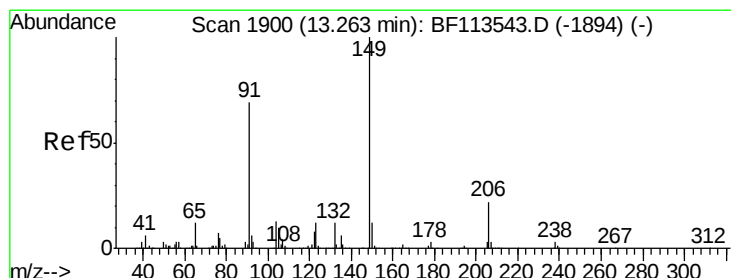
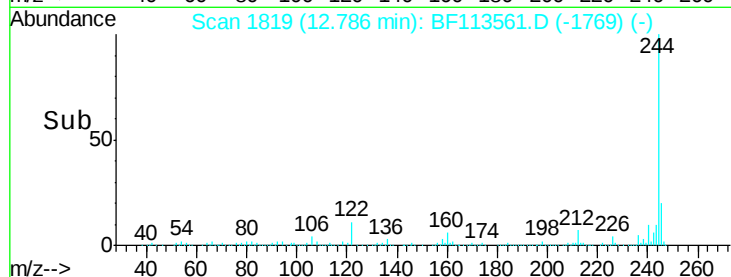
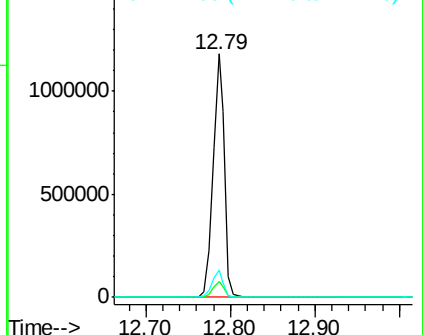
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.474 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

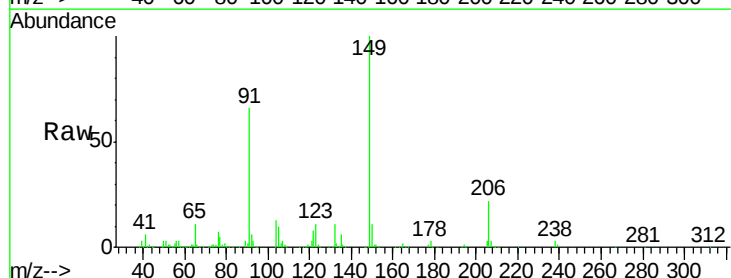
Tgt Ion:149 Resp: 359171

Ion Ratio Lower Upper

149 100

91 66.1 55.2 82.8

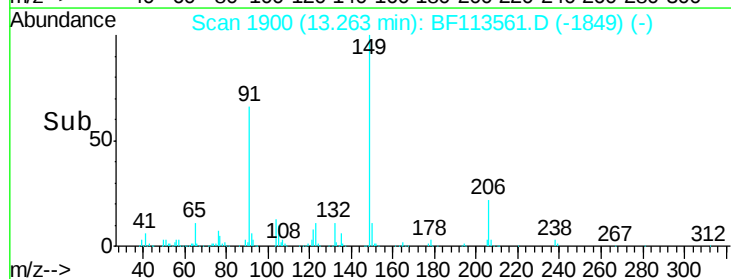
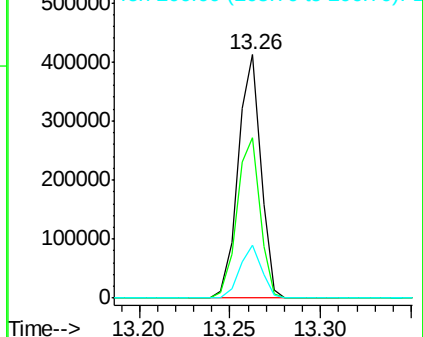
206 21.9 16.1 24.1

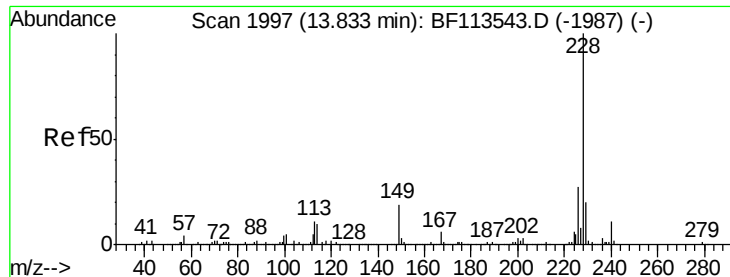


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.862 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

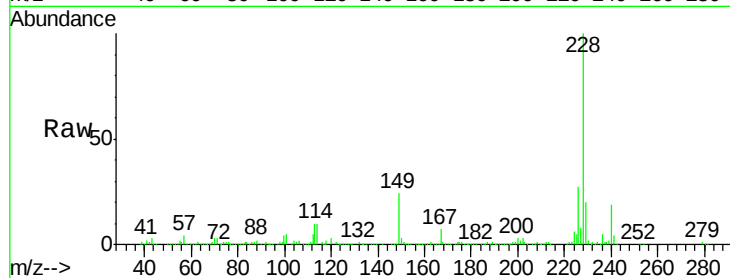
ClientSampleId :

VN-SP-1MSD

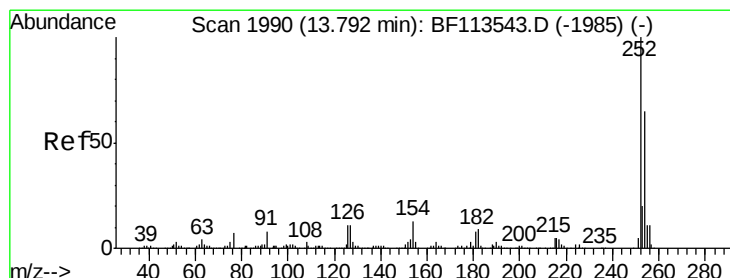
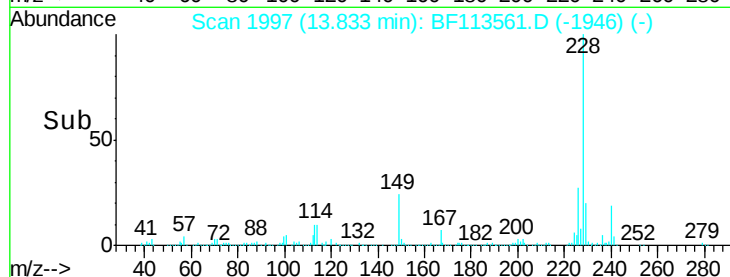
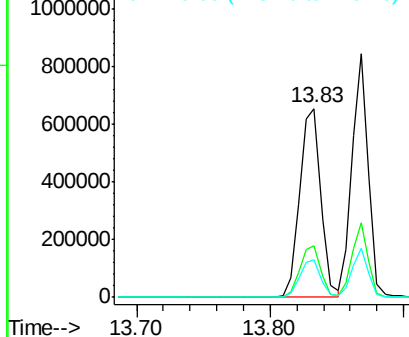
Tgt Ion:	228	Resp:	710472
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	19.6	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.684 ng

RT: 13.79 min Scan# 1990

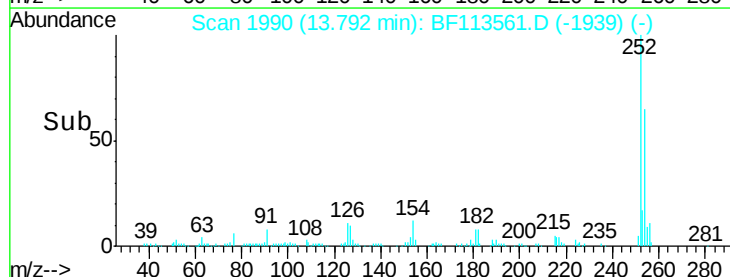
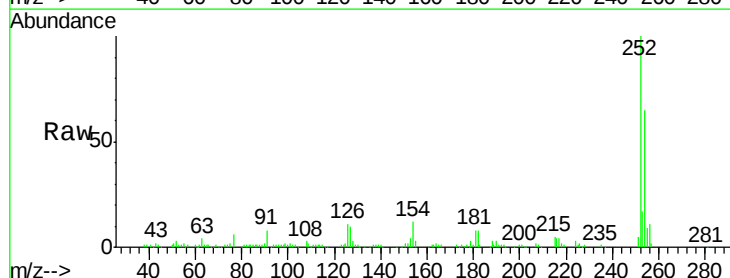
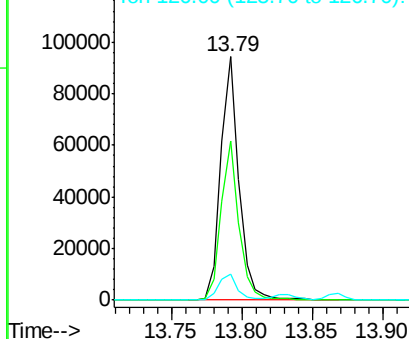
Delta R.T. -0.00 min

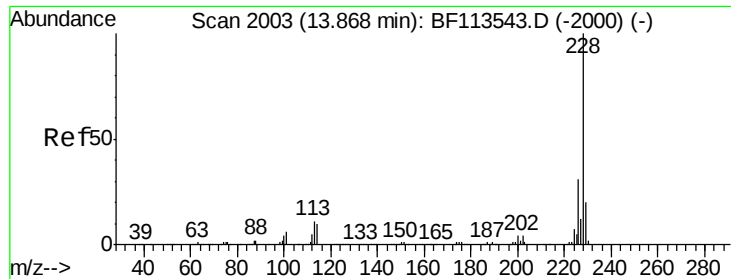
Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	252	Resp:	84946
Ion Ratio	Lower	Upper	
252	100		
254	65.3	52.2	78.2
126	10.5	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





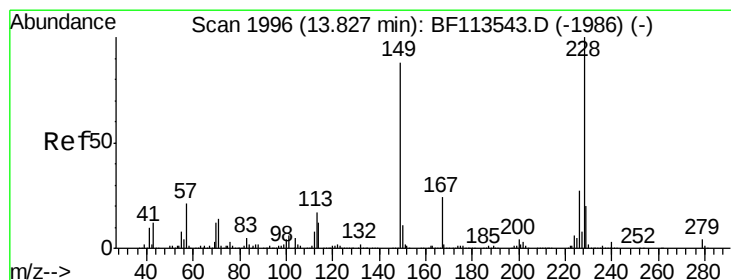
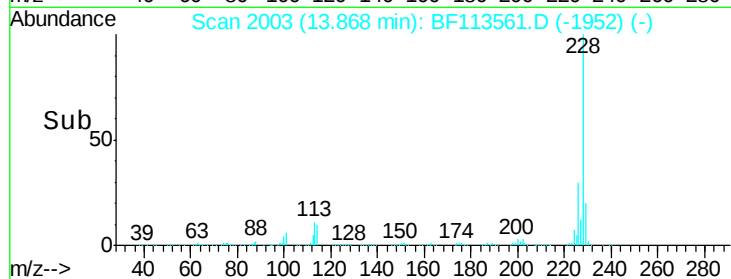
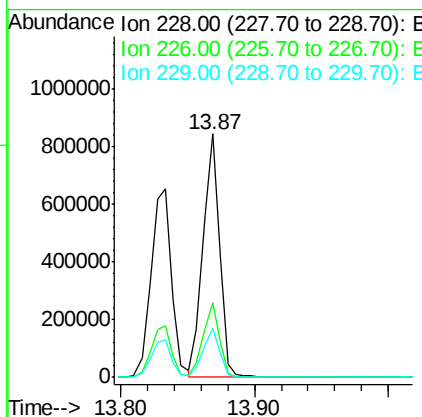
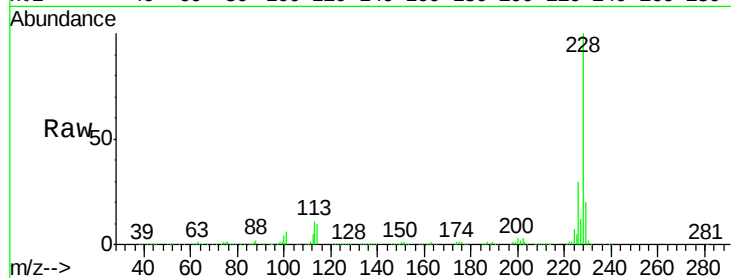
#83
Chrysene
 Concen: 41.239 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.1	16.3	24.5

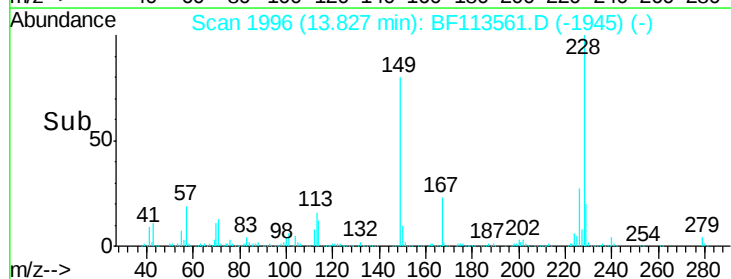
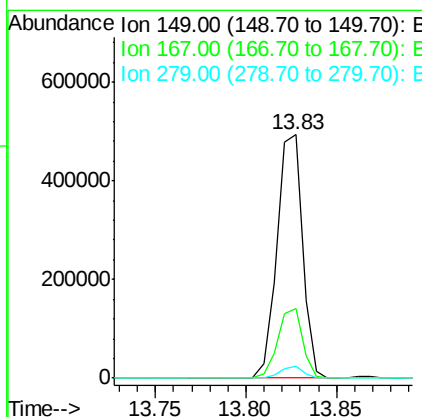
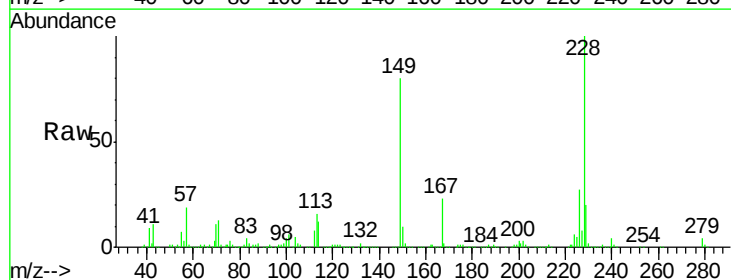
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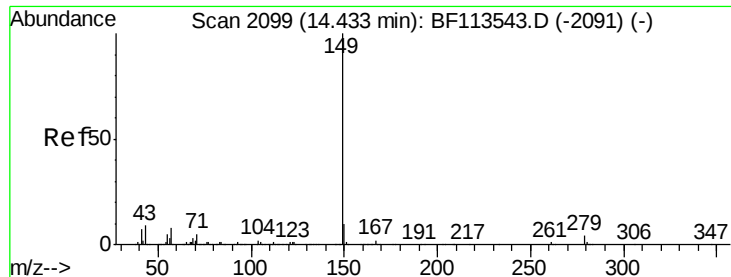
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 42.782 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.8
279	4.7	2.9	4.3#





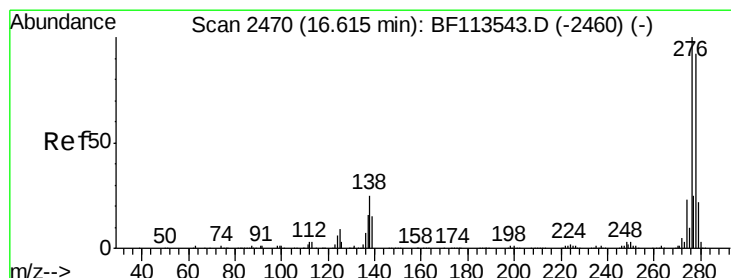
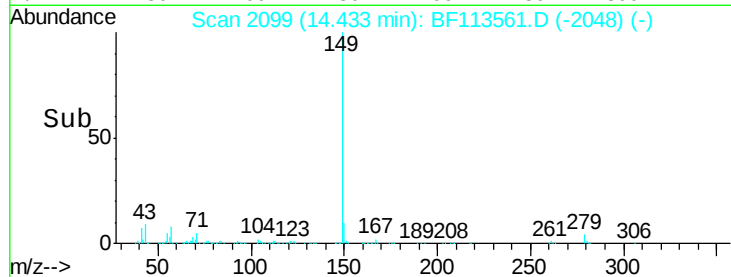
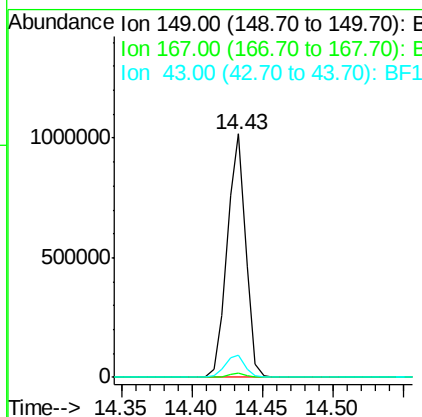
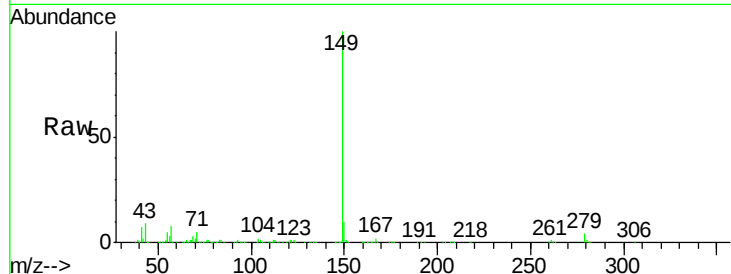
#85
Di-n-octyl phthalate
Concen: 50.158 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	920259		
167	1.6		1.3	1.9
43	9.5		7.7	11.5

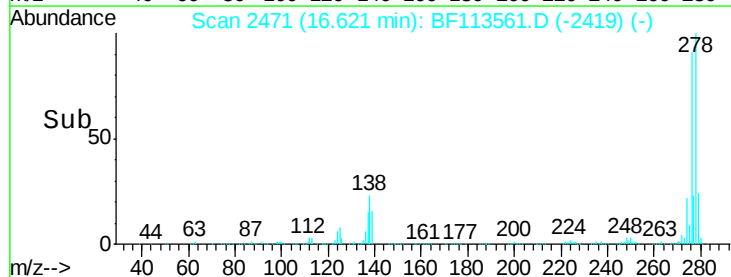
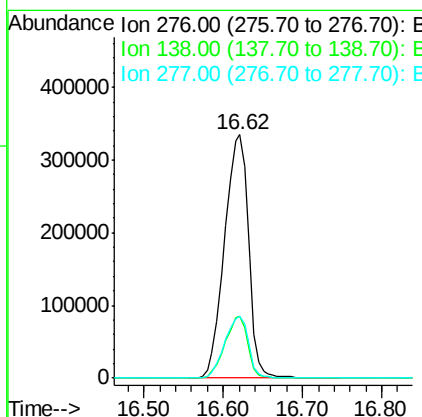
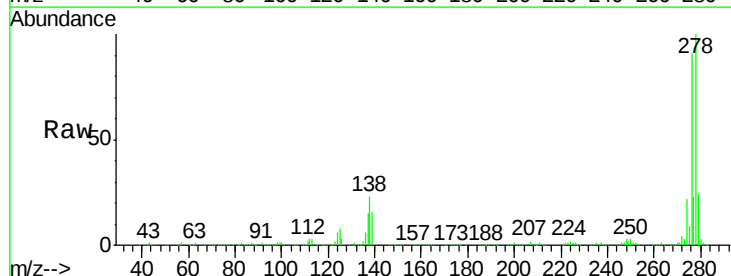
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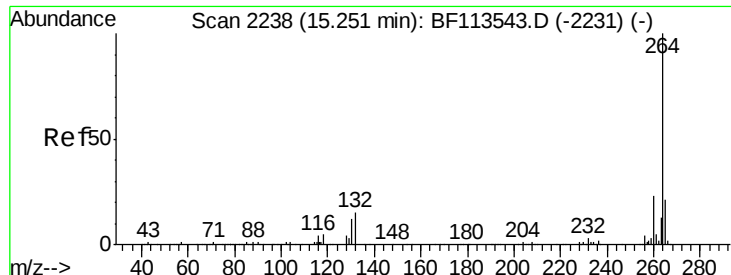
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.176 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	702618		
138	24.0		18.1	27.1
277	25.2		20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

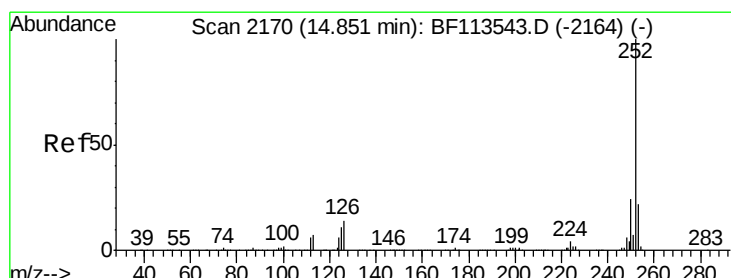
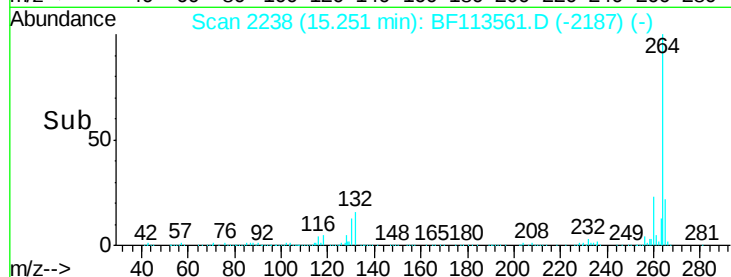
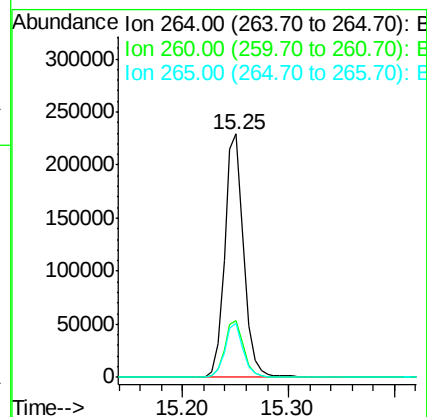
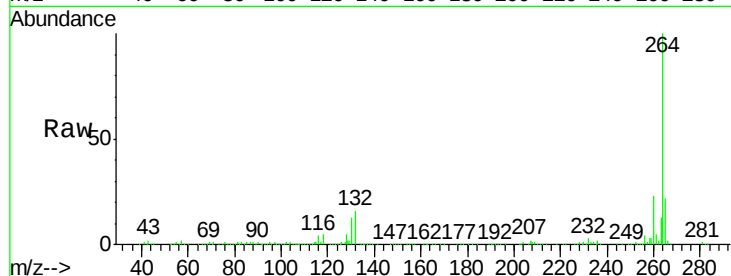
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	264	Resp:	286869
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.1	28.7
265	22.1	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 40.206 ng

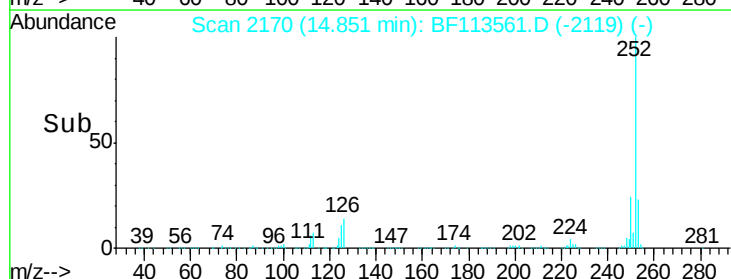
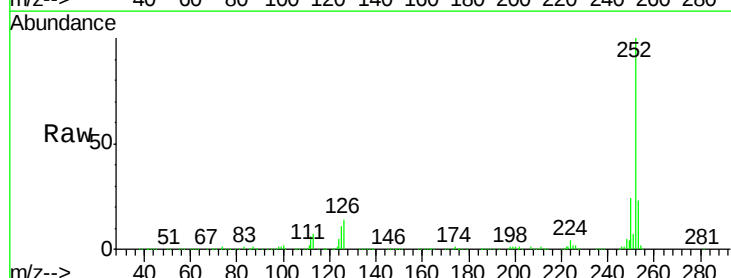
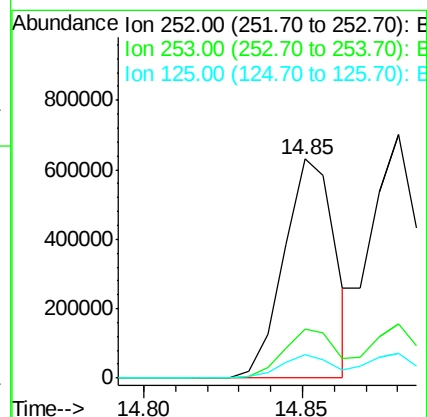
RT: 14.85 min Scan# 2170

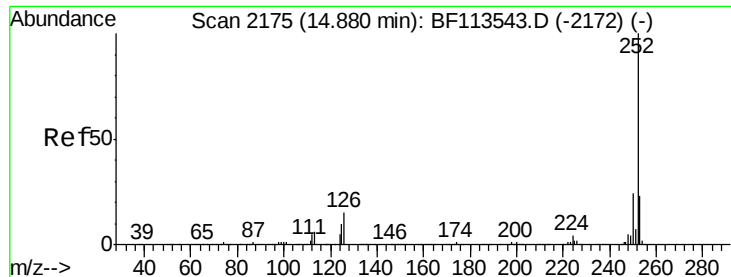
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	252	Resp:	706013
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	10.9	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 46.431 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

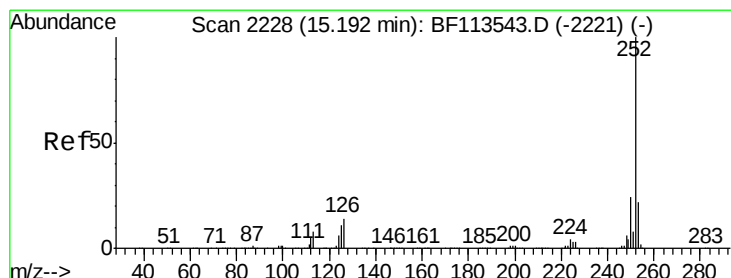
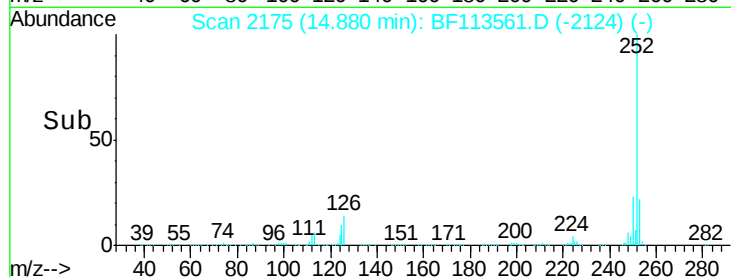
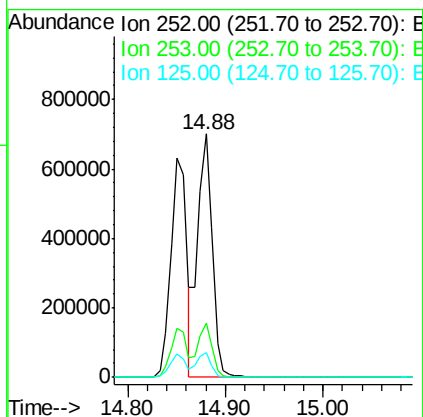
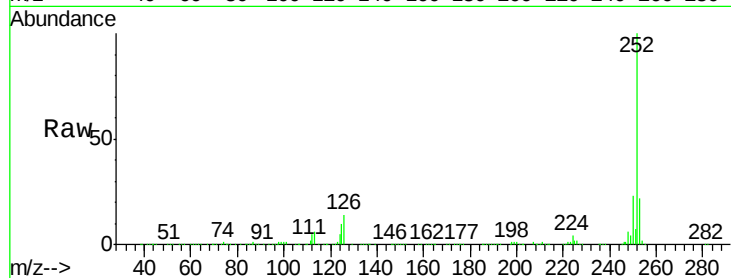
ClientSampleId :

VN-SP-1MSD

Tgt Ion:	252	Resp:	731742
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	9.9	7.3	10.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 43.957 ng

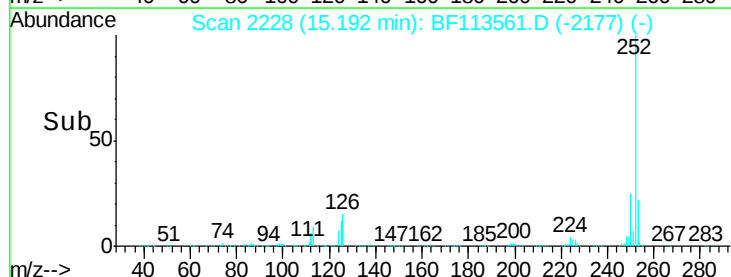
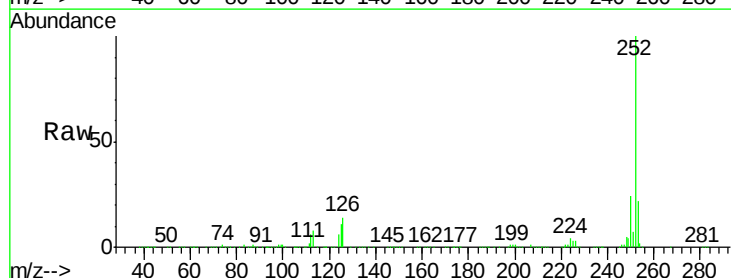
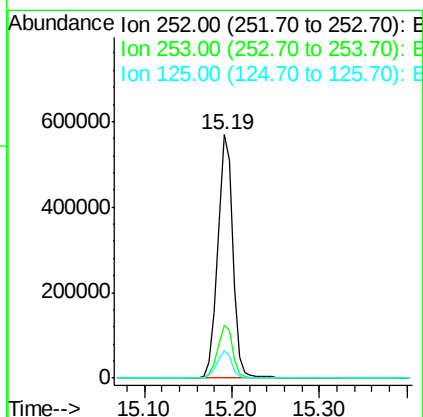
RT: 15.19 min Scan# 2228

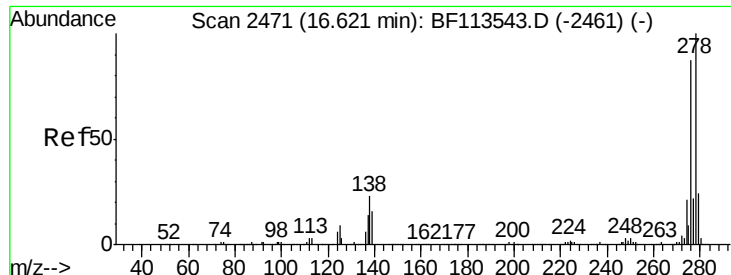
Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:	252	Resp:	685889
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	11.0	8.8	13.2





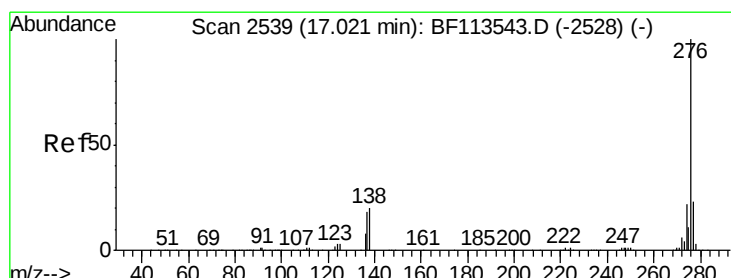
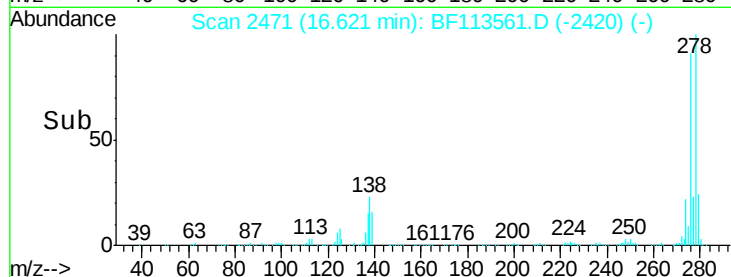
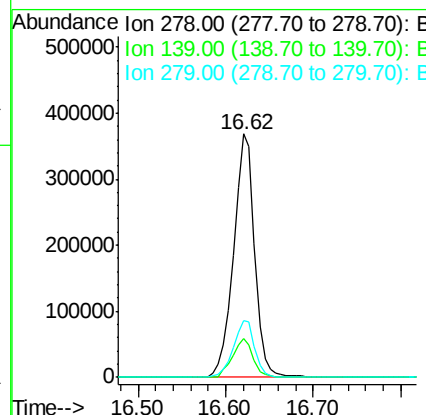
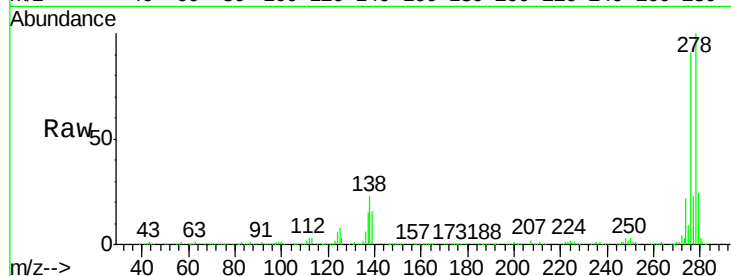
#91
Dibenzo(a,h)anthracene
Concen: 41.442 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:54 AM



#92
Benzo(g,h,i)perylene
Concen: 38.438 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.8	15.6	23.4

