

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110818.D
 Acq On : 16 Nov 2018 15:58
 Operator : JU/SJ
 Sample : J5952-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:55:48 AM

Quant Time: Nov 16 17:34:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60813	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	252330	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	120564	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	202521	20.00	ng	0.00
76) Chrysene-d12	14.13	240	137079	20.00	ng	0.00
87) Perylene-d12	15.66	264	115851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	541955	144.76	ng	0.00
7) Phenol-d6	6.57	99	684399	142.95	ng	0.00
23) Nitrobenzene-d5	7.51	82	435830	99.47	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	160344	131.99	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	763610	90.46	ng	0.00
79) Terphenyl-d14	13.06	244	570155	77.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	45289	24.278	ng	# 86
3) Pyridine	3.60	79	129678	32.206	ng	# 81
4) n-Nitrosodimethylamine	3.54	42	70143	40.600	ng	88
6) Aniline	6.61	93	123852	19.837	ng	# 54
8) 2-Chlorophenol	6.73	128	158801	36.182	ng	99
9) Benzaldehyde	6.50	77	80229	29.009	ng	97
10) Phenol	6.59	94	203264	36.615	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	138389	33.264	ng	92
12) 1,3-Dichlorobenzene	6.88	146	157193	32.734	ng	96
13) 1,4-Dichlorobenzene	6.96	146	164164	33.665	ng	99
14) 1,2-Dichlorobenzene	7.11	146	152120	33.533	ng	99
15) Benzyl Alcohol	7.08	79	140617	37.532	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	220421	33.737	ng	75
17) 2-Methylphenol	7.19	107	126750	36.287	ng	# 83
18) Hexachloroethane	7.45	117	58270	32.367	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	108445	35.485	ng	95
20) 3+4-Methylphenols	7.34	107	169647	37.834	ng	92
22) Acetophenone	7.35	105	217856	37.046	ng	95
24) Nitrobenzene	7.53	77	162671	36.236	ng	92
25) Isophorone	7.76	82	289234	40.276	ng	97
26) 2-Nitrophenol	7.84	139	81253	36.281	ng	98
27) 2,4-Dimethylphenol	7.87	122	145041	42.525	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	181756	37.381	ng	100
29) 2,4-Dichlorophenol	8.08	162	132841	37.852	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	136652	34.535	ng	98
31) Naphthalene	8.25	128	510833	43.125	ng	99
33) 4-Chloroaniline	8.30	127	70658	13.169	ng	97
34) Hexachlorobutadiene	8.35	225	74180	32.822	ng	99
35) Caprolactam	8.66	113	39884	34.016	ng	85
36) 4-Chloro-3-methylphenol	8.78	107	145202	38.363	ng	96
37) 2-Methylnaphthalene	8.93	142	330549	42.567	ng	98
38) 1-Methylnaphthalene	9.03	142	311348m	41.691	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	129896	34.037	ng	98
41) Hexachlorocyclopentadiene	9.08	237	15070	16.788	ng	96

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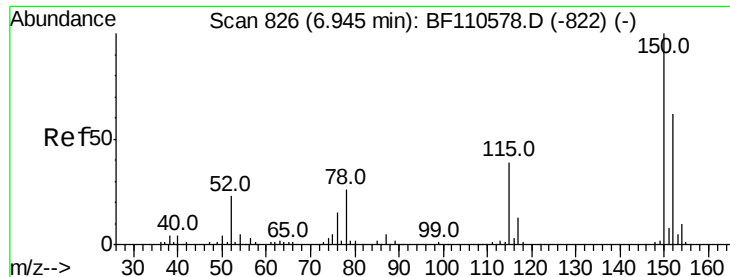
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	88018	36.702	nq	95
44) 2,4,5-Trichlorophenol	9.26	196	93190	36.429	nq	95
46) 1,1'-Biphenyl	9.40	154	376941	33.515	nq	99
47) 2-Chloronaphthalene	9.43	162	278811	34.410	nq	99
48) 2-Nitroaniline	9.53	65	95426	38.218	nq	93
49) Acenaphthylene	9.85	152	466726	39.997	nq	99
50) Dimethylphthalate	9.69	163	444774	49.440	nq	99
51) 2,6-Dinitrotoluene	9.77	165	73629	37.206	nq	96
52) Acenaphthene	10.02	154	270531	36.685	nq	98
53) 3-Nitroaniline	9.95	138	60187	26.251	nq	87
54) 2,4-Dinitrophenol	10.07	184	5847	11.683	nq	95
55) Dibenzofuran	10.19	168	388579	36.016	nq	95
56) 4-Nitrophenol	10.11	139	97160	63.876	nq	96
57) 2,4-Dinitrotoluene	10.18	165	95419	37.083	nq	97
58) Fluorene	10.53	166	336787	40.639	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	71947	35.752	nq	# 89
60) Diethylphthalate	10.39	149	327489	36.796	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	143637	33.475	nq	98
62) 4-Nitroaniline	10.56	138	70467	30.522	nq	98
63) Azobenzene	10.68	77	292251	33.657	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	11220	10.993	nq	92
66) n-Nitrosodiphenylamine	10.64	169	268203	39.290	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	82293	36.767	nq	# 88
68) Hexachlorobenzene	11.09	284	82321	34.884	nq	95
69) Atrazine	11.17	200	81161	38.885	nq	99
70) Pentachlorophenol	11.29	266	62315	49.489	nq	96
71) Phenanthrene	11.50	178	679824	62.656	nq	99
72) Anthracene	11.56	178	486495	44.449	nq	99
73) Carbazole	11.71	167	355642	33.834	nq	100
74) Di-n-butylphthalate	12.02	149	459561	37.283	nq	98
75) Fluoranthene	12.70	202	683294	62.815	nq	98
77) Benzidine	12.82	184	92804	24.618	nq	96
78) Pyrene	12.93	202	655199	62.076	nq	99
80) Butylbenzylphthalate	13.53	149	155182	34.159	nq	97
81) Benzo(a)anthracene	14.12	228	470055	57.370	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	80807	29.441	nq	98
83) Chrysene	14.16	228	432489	55.406	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	218663	38.801	nq	98
85) Di-n-octyl phthalate	14.69	149	375236	45.279	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	258771	46.197	nq	100
88) Benzo(b)fluoranthene	15.21	252	423864	61.158	nq	100
89) Benzo(k)fluoranthene	15.24	252	329317	48.088	nq	98
90) Benzo(a)pyrene	15.60	252	362410	57.553	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	179437	33.673	nq	100
92) Benzo(g,h,i)perylene	17.72	276	214697	40.607	nq	99

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



#1

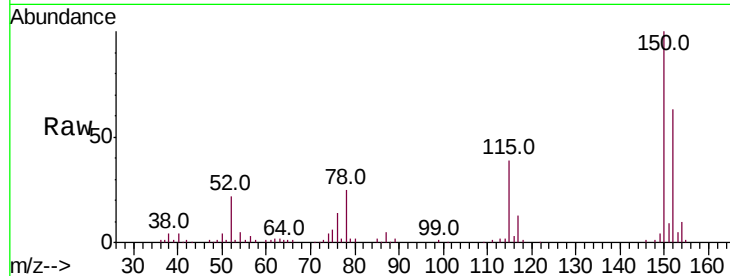
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	62.4	49.1	73.7

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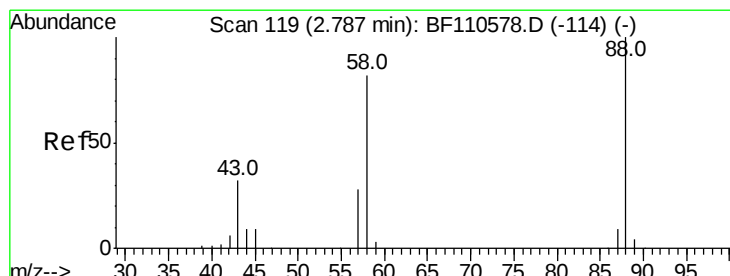
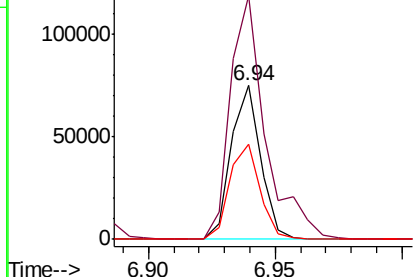
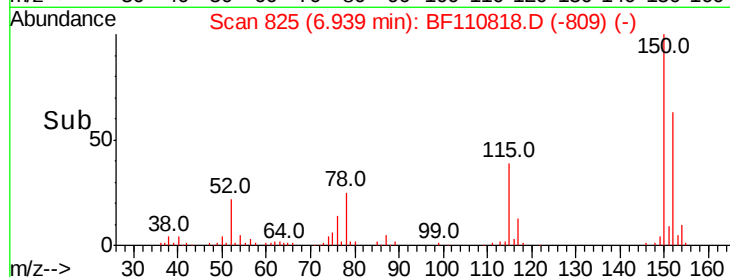


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

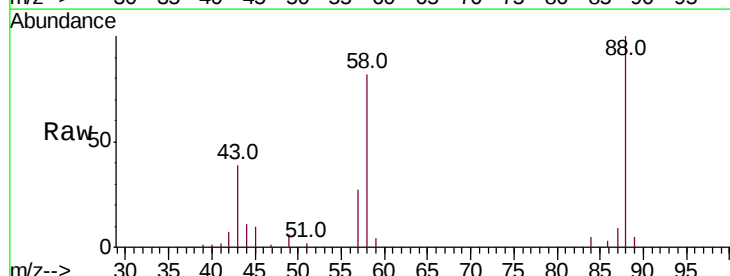
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.278 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	57.1	85.7#
43	33.0	24.1	36.1

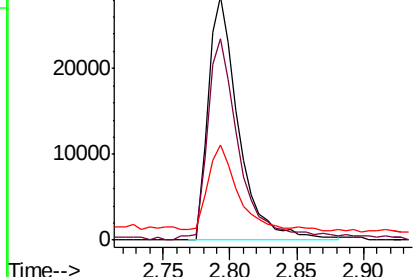
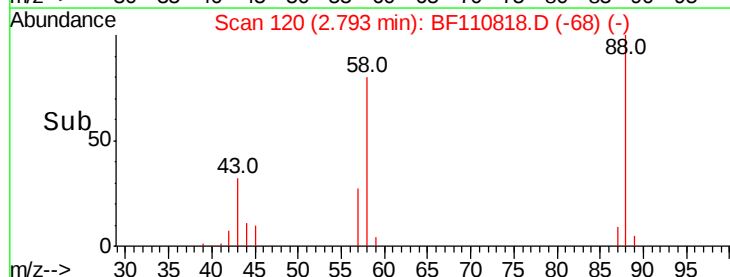


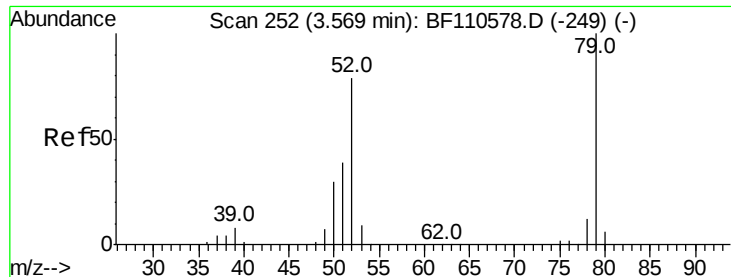
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





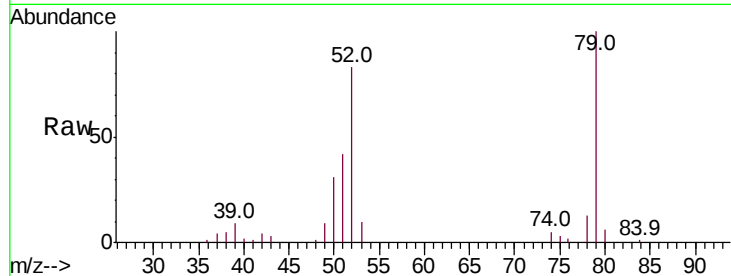
#3
 Pvridine
 Concen: 32.206 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.03 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

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 ClientSampleId :
 VTW-01(7-10)MS

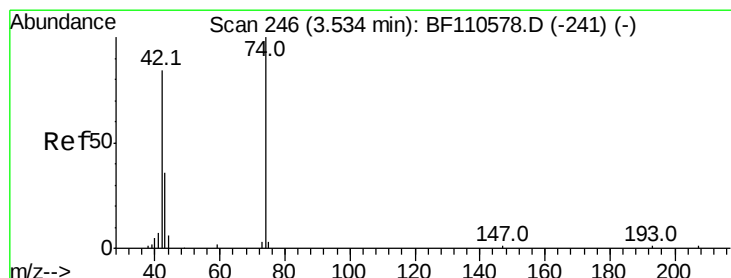
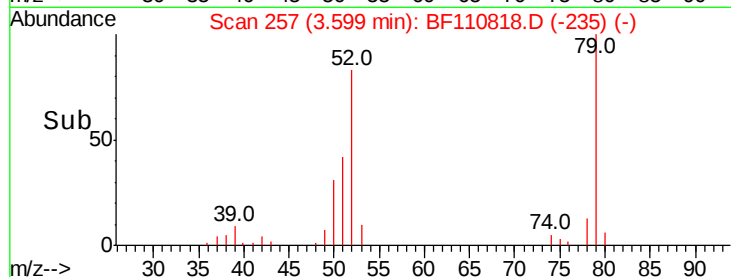
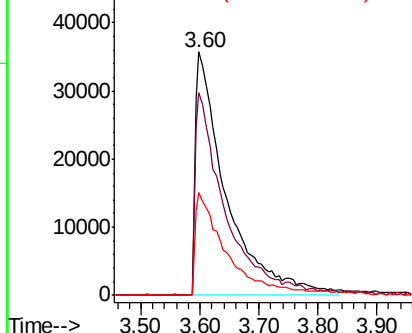
Tot Ion	Ratio	Lower	Upper
79	100		
52	83.2	53.1	79.7#
51	42.1	27.4	41.2#

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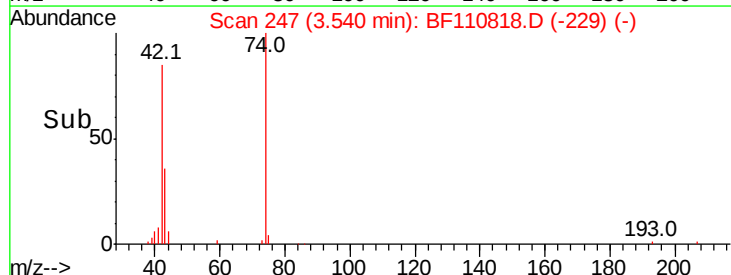
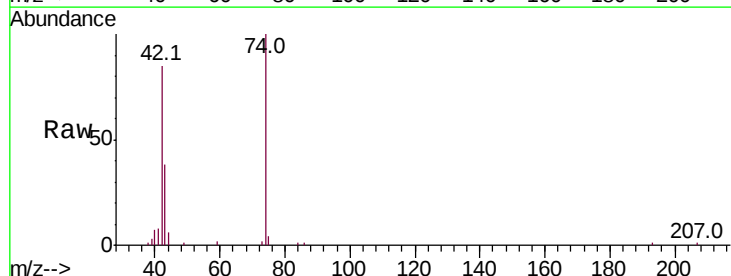
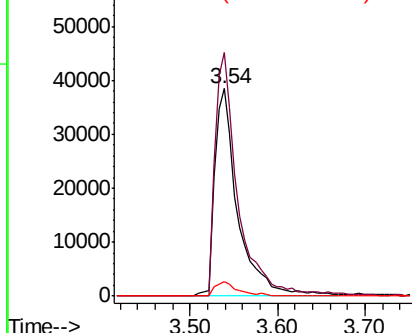
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

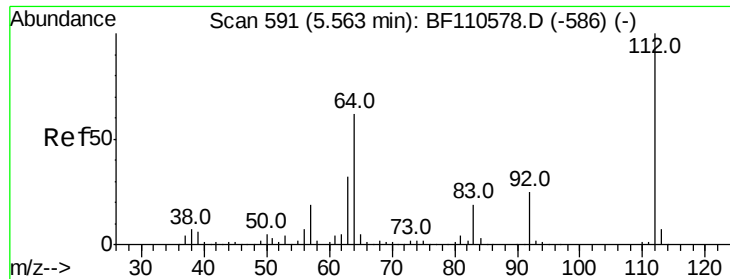


#4
 n-Nitrosodimethylamine
 Concen: 40.600 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.5	105.5	158.3
44	7.1	4.9	7.3

Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





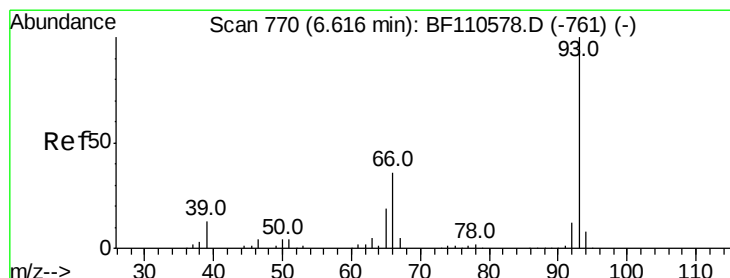
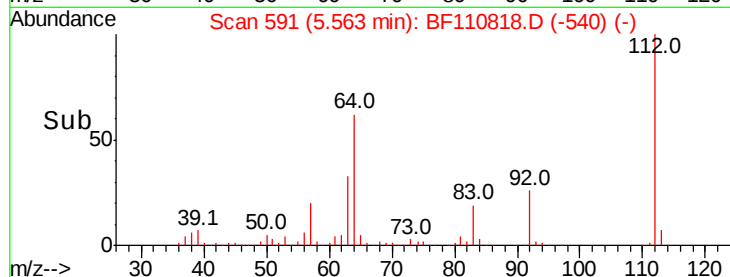
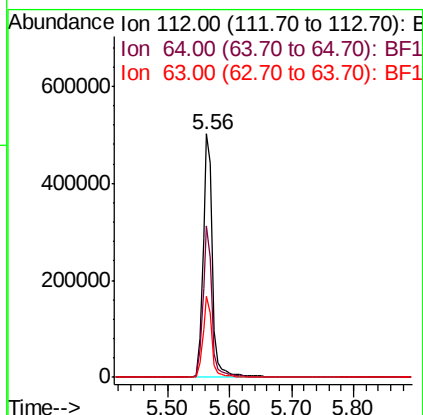
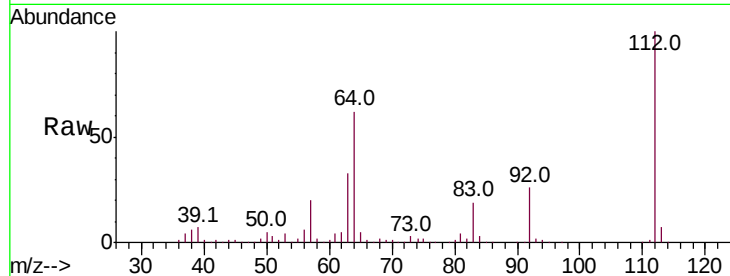
#5
2-Fluorophenol
Concen: 144.756 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.3	44.1	66.1
63	33.4	23.7	35.5

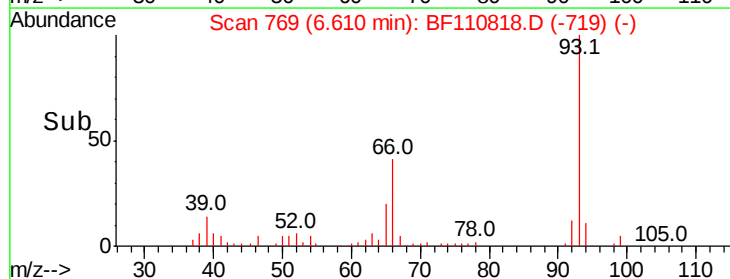
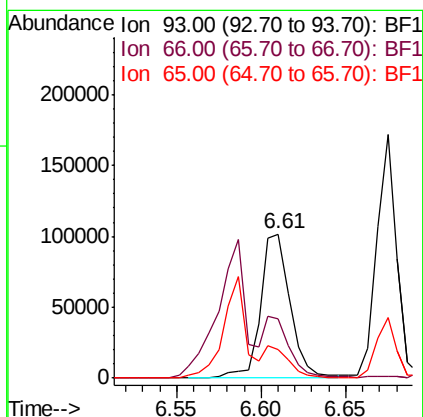
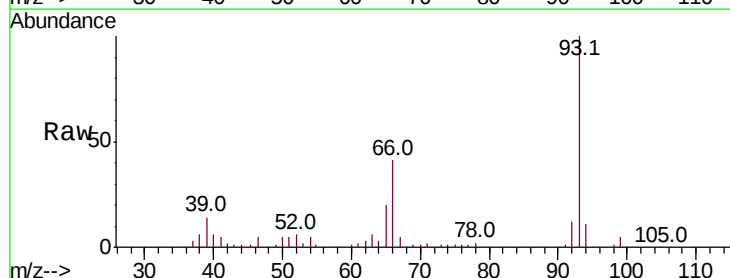
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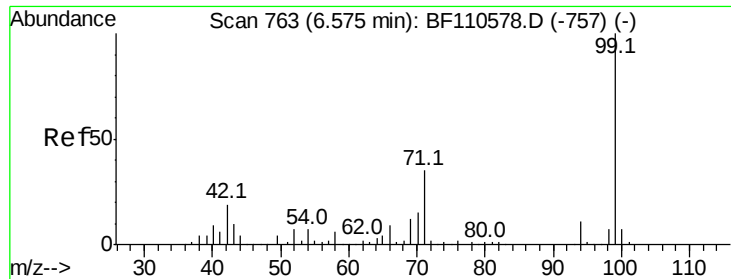
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#6
Aniline
Concen: 19.837 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.1	67.4	101.0#
65	20.1	41.0	61.4#





#7

Phenol-d6

Concen: 142.953 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

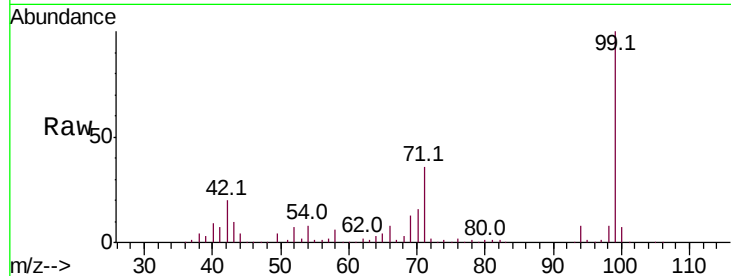
ClientSampleId :

VTW-01(7-10)MS

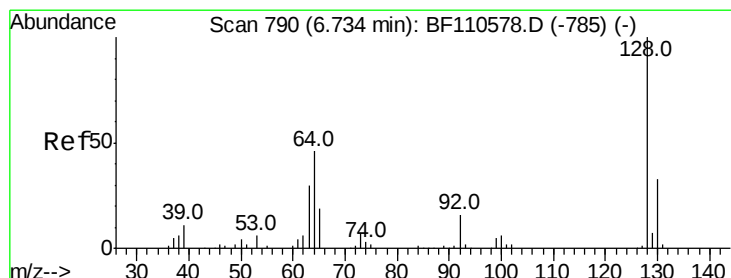
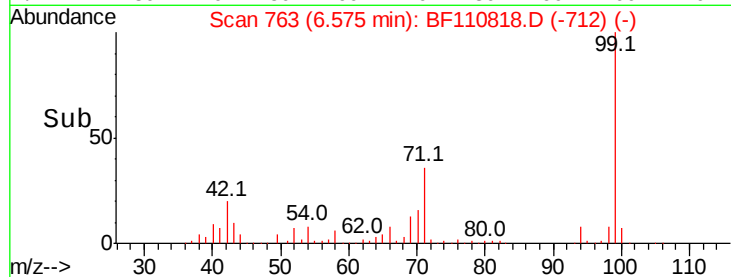
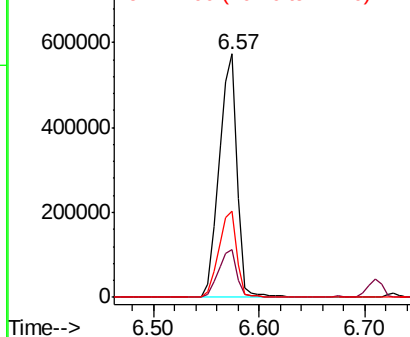
Tot Ion:	99	Resp:	684399
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.5	28.0	42.0

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



#8

2-Chlorophenol

Concen: 36.182 ng

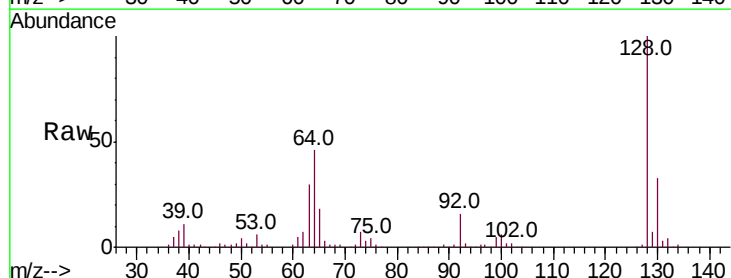
RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

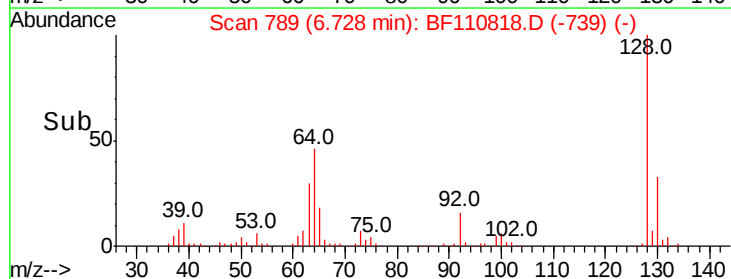
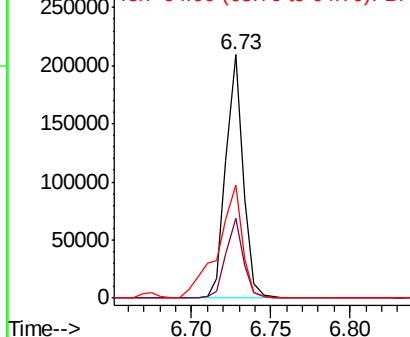
Lab File: BF110818.D

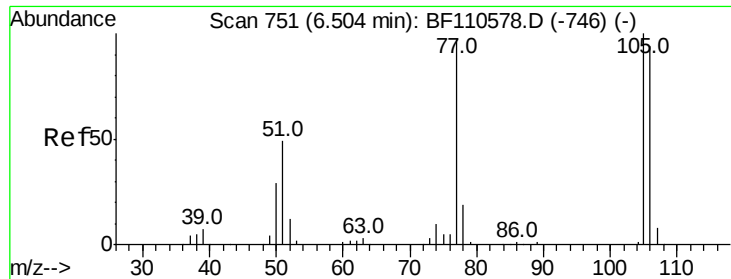
Acq: 16 Nov 2018 15:58

Tgt Ion:	128	Resp:	158801
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.1	53.1
64	46.3	26.0	66.0



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





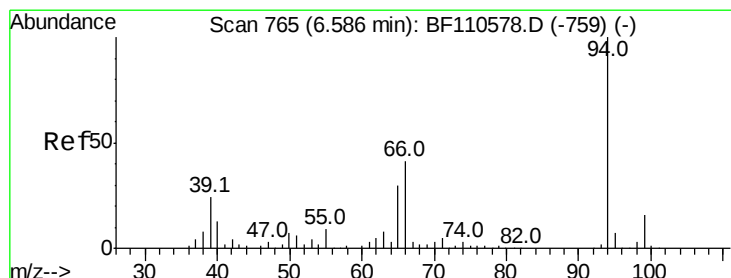
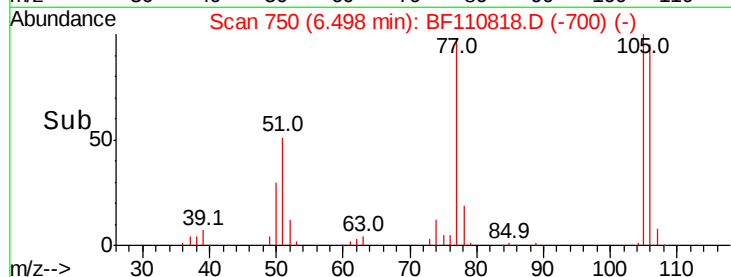
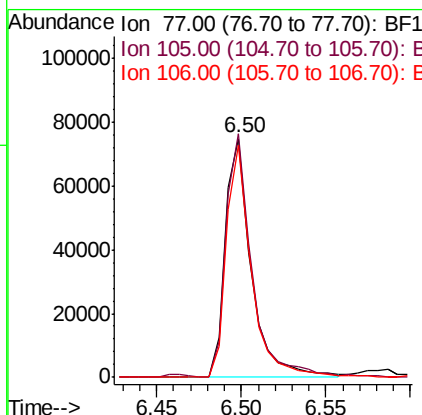
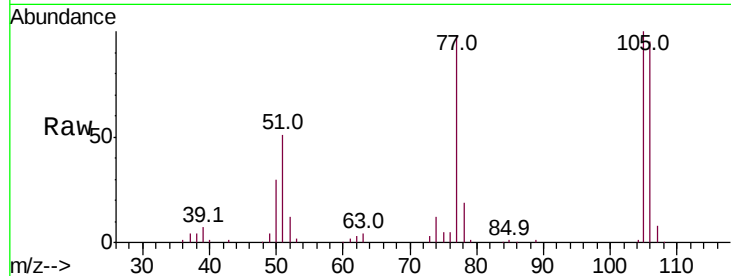
#9
Benzaldehyde
Concen: 29.009 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion: 77 Resp: 80229
Ion Ratio Lower Upper
77 100
105 101.8 78.6 118.6
106 97.1 74.8 114.8

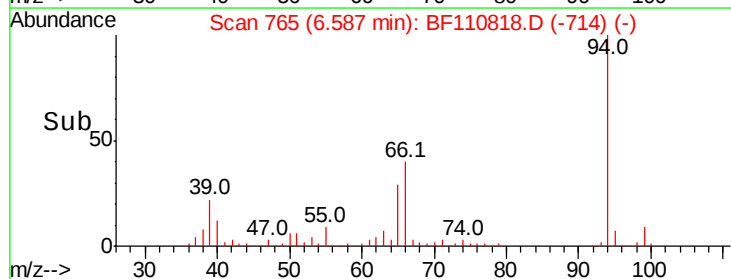
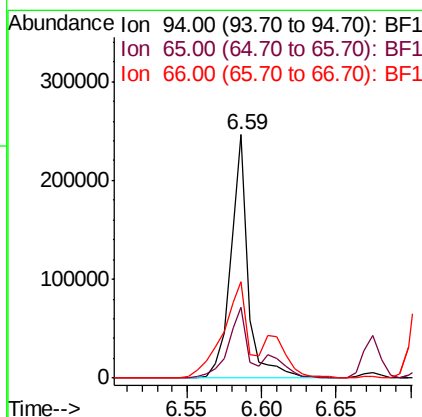
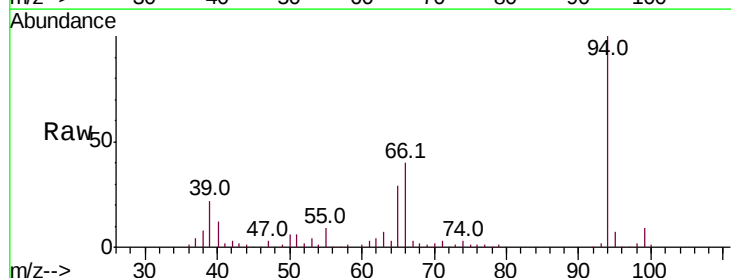
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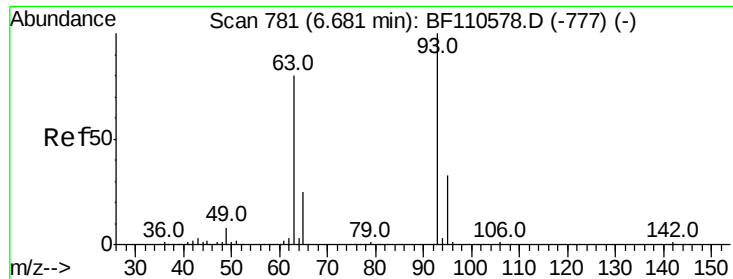
Sohil
11/19/2018 11:55:48 AM



#10
Phenol
Concen: 36.615 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion: 94 Resp: 203264
Ion Ratio Lower Upper
94 100
65 29.0 25.3 65.3
66 39.8 54.5 94.5#





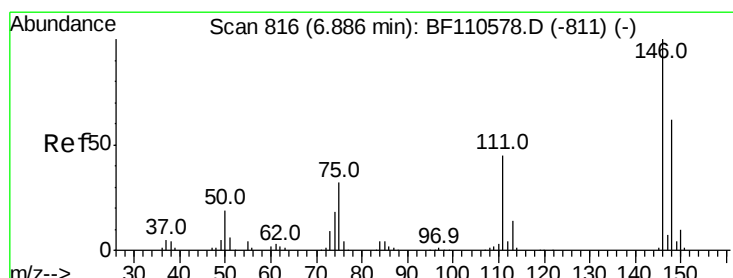
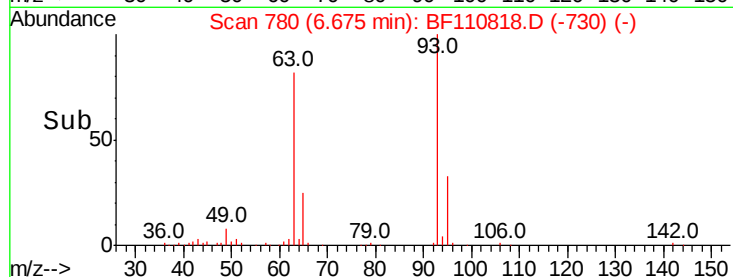
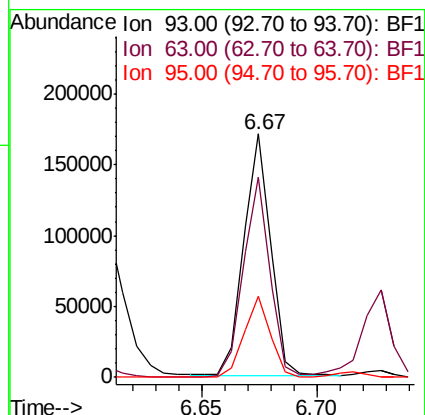
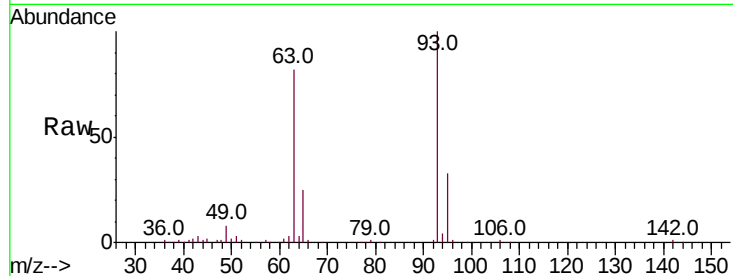
#11
bis(2-Chloroethyl)ether
Concen: 33.264 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion:	93	Resp:	138389
Ion Ratio	Lower	Upper	
93	100		
63	82.0	53.4	93.4
95	33.4	12.1	52.1

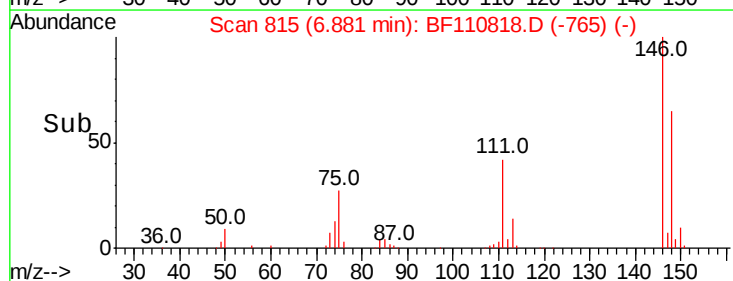
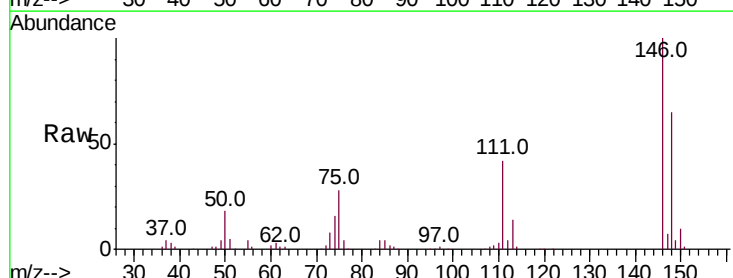
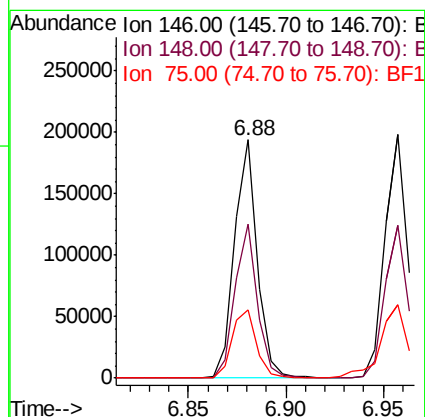
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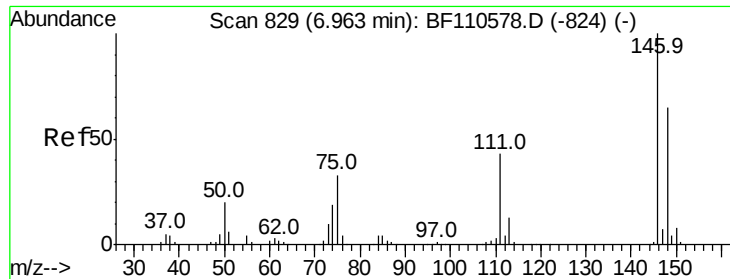
Sohil
11/19/2018 11:55:48 AM



#12
1,3-Dichlorobenzene
Concen: 32.734 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:	146	Resp:	157193
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.4	75.6
75	28.5	25.8	38.6





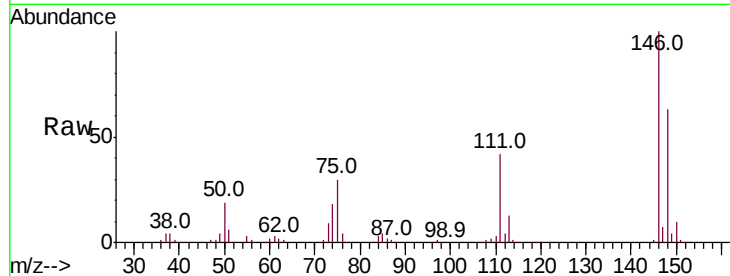
#13
 1,4-Dichlorobenzene
 Concen: 33.665 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.3	75.5
111	41.8	32.7	49.1

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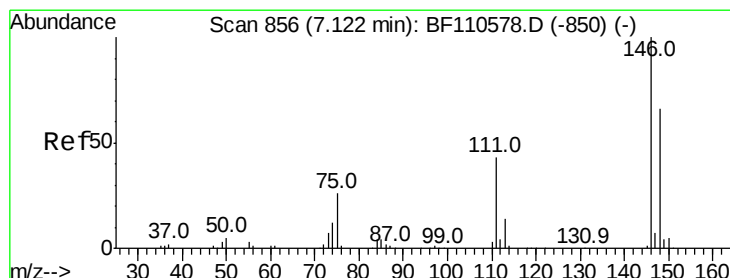
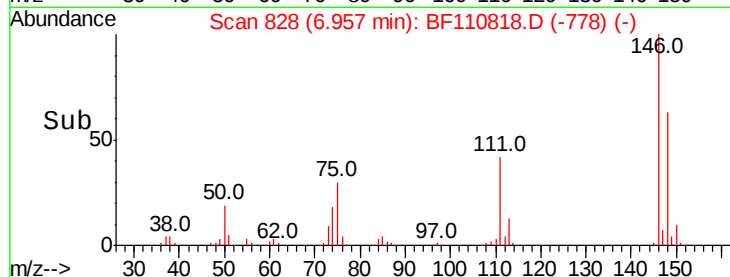
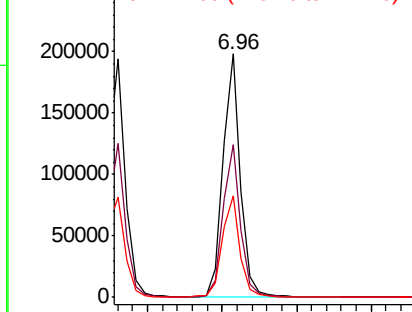


Abundance

Ion 146.00 (145.70 to 146.70): E

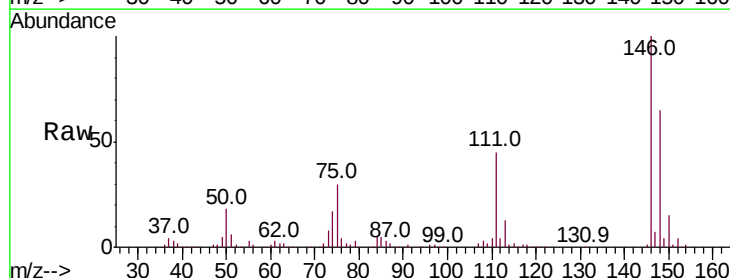
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 33.533 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	45.3	35.8	53.6

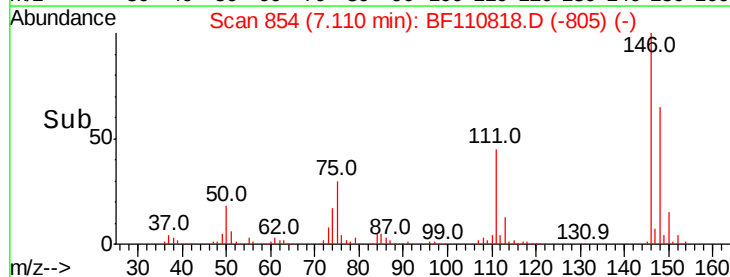
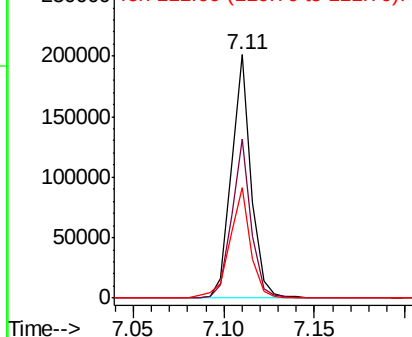


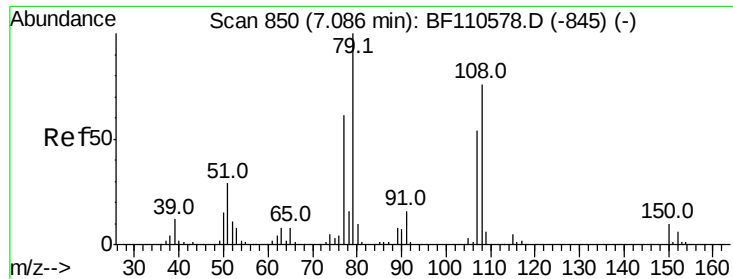
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





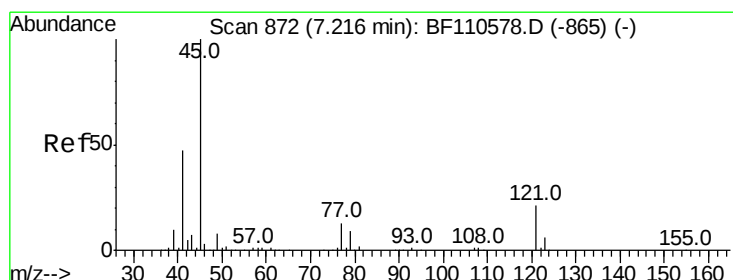
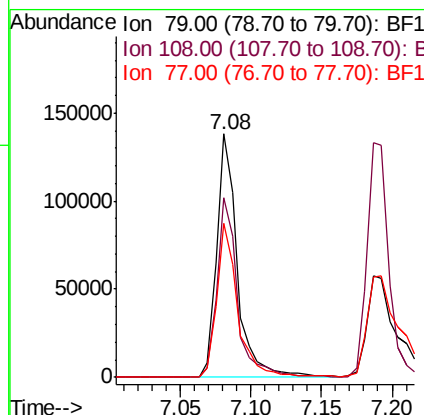
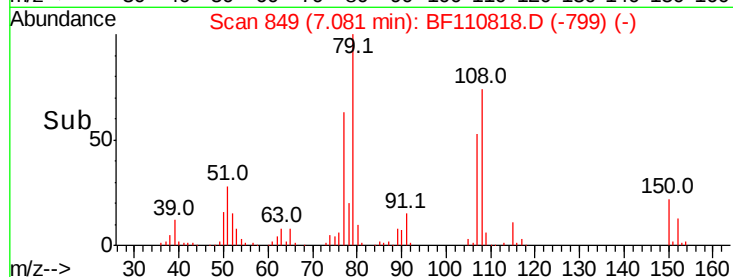
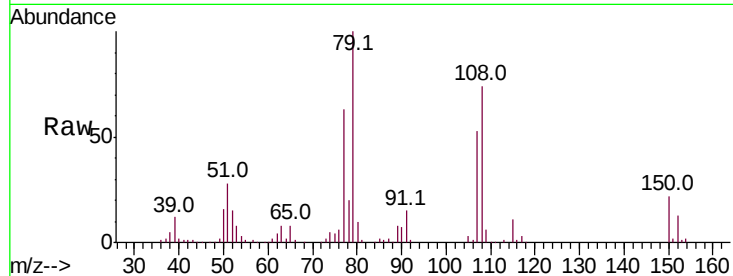
#15
Benzyl Alcohol
Concen: 37.532 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	56.3	84.5
77	63.0	52.9	79.3

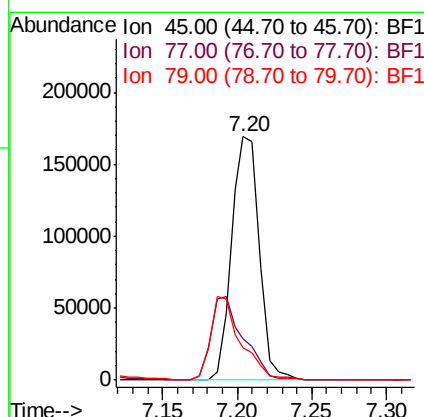
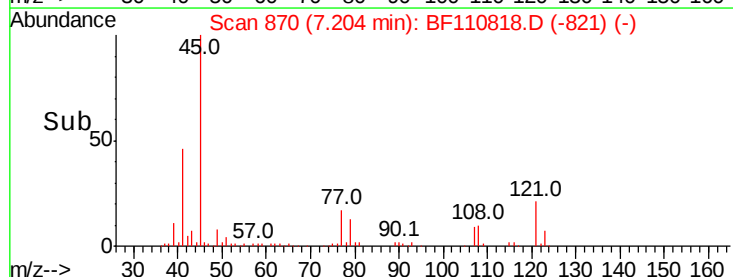
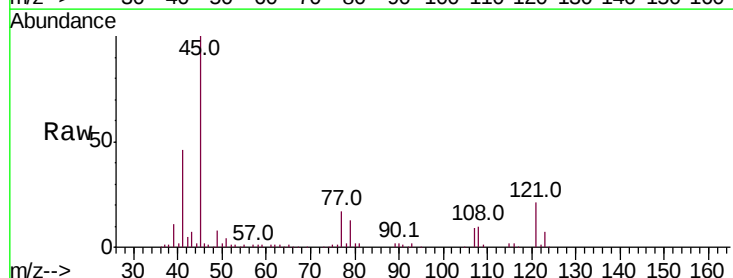
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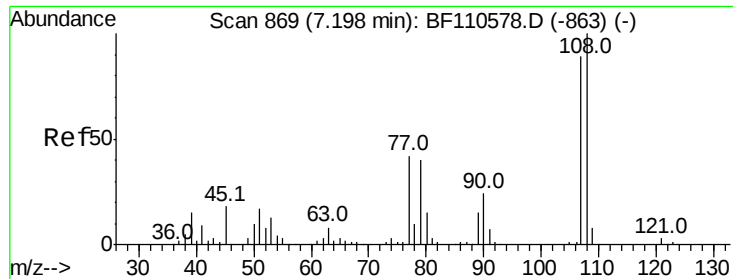
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.737 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	10.0	50.0
79	13.5	6.1	46.1





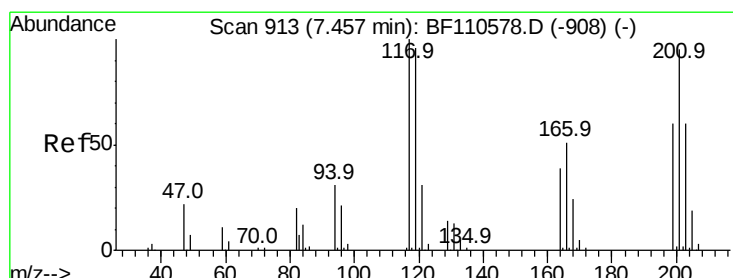
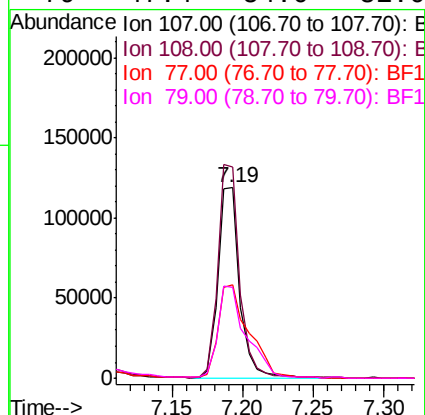
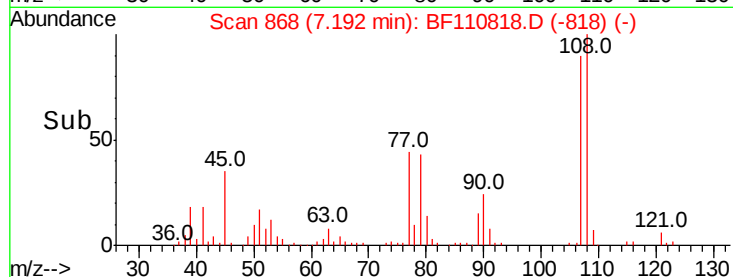
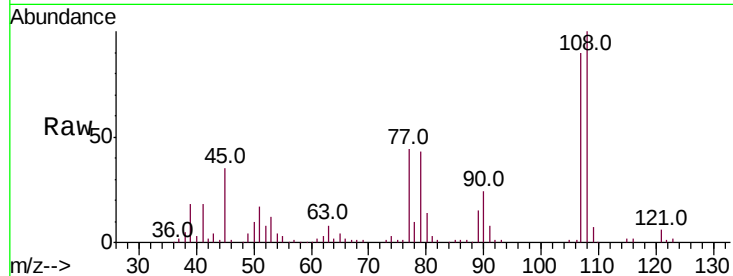
#17
2-Methylphenol
Concen: 36.287 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	48.7	59.4	89.2#
79	47.4	54.0	81.0#

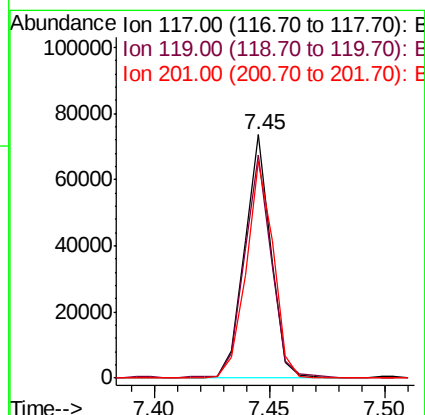
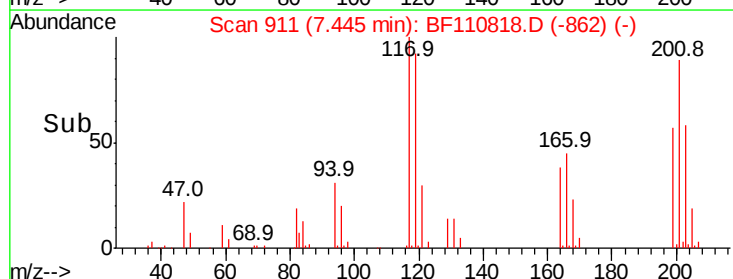
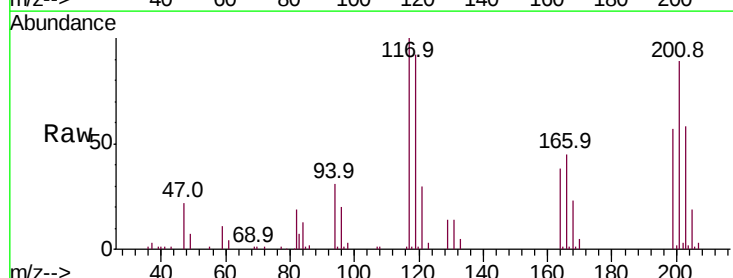
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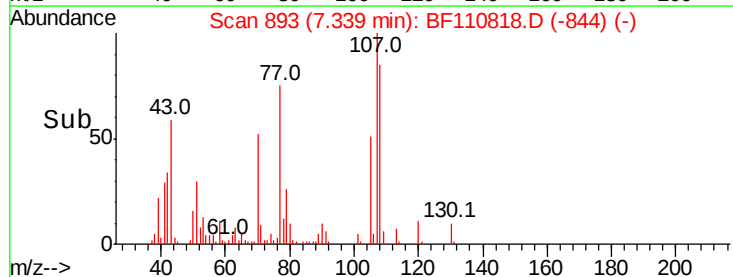
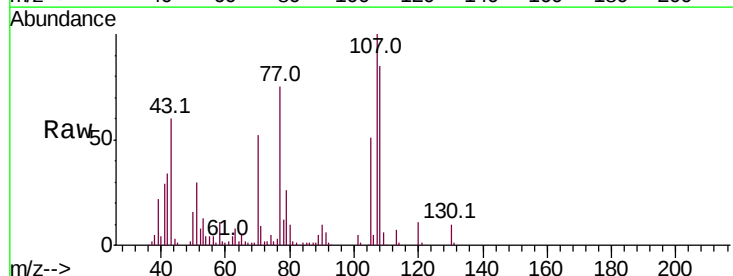
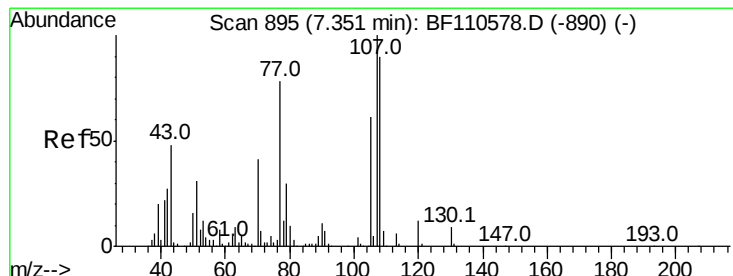
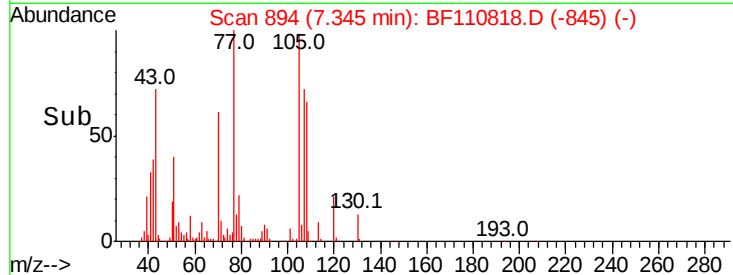
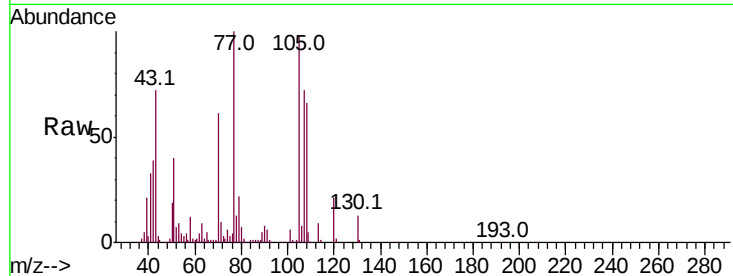
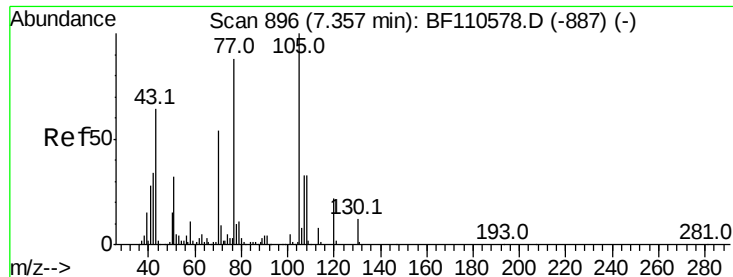
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#18
Hexachloroethane
Concen: 32.367 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.0	112.6
201	88.8	79.2	118.8





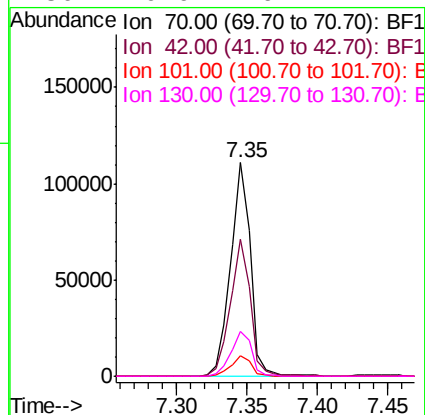
#19
n-Nitroso-di-n-propylamine
Concen: 35.485 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	47.4	71.2	
101	9.8	7.3	10.9	
130	20.9	16.2	24.2	

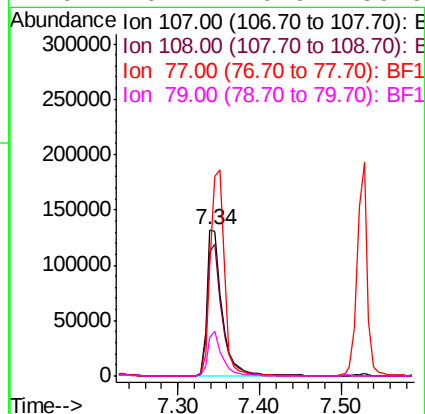
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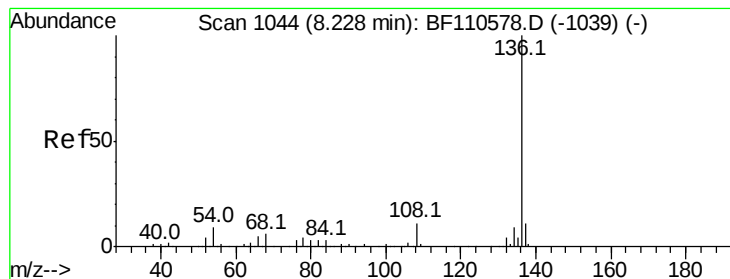
Sohil
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#20
3+4-Methylphenols
Concen: 37.834 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.6	71.4	111.4	
77	74.5	47.3	87.3	
79	26.1	10.9	50.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

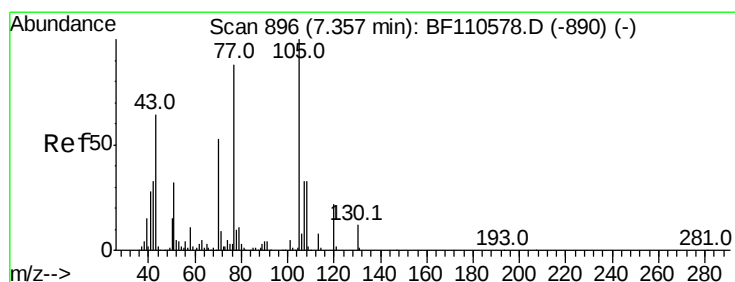
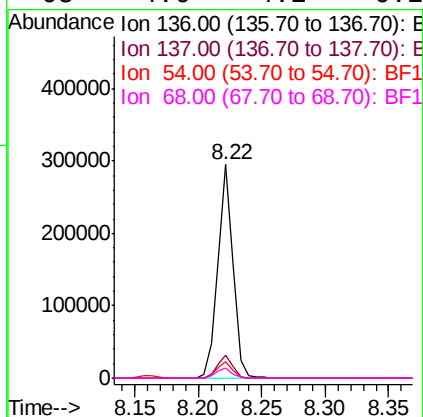
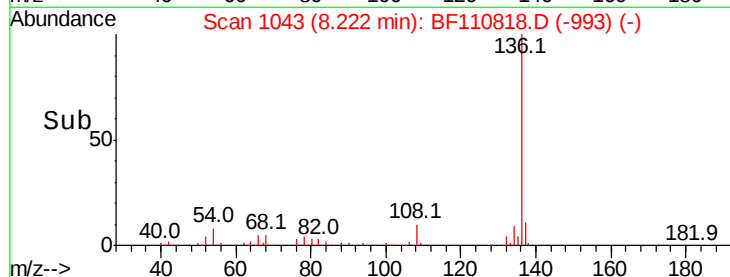
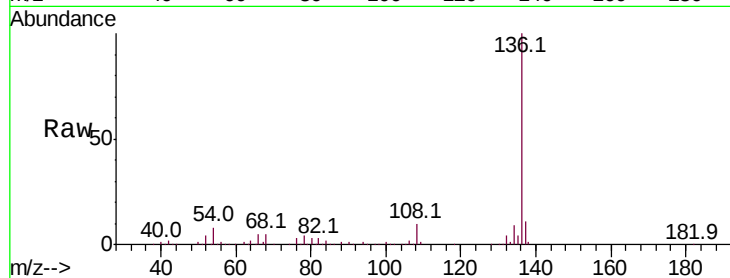
ClientSampleId :

VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	252330		
137	10.8		8.8	13.2
54	7.5		5.4	8.2
68	4.6		4.2	6.2

Manual Integrations
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#22

Acetophenone

Concen: 37.046 ng

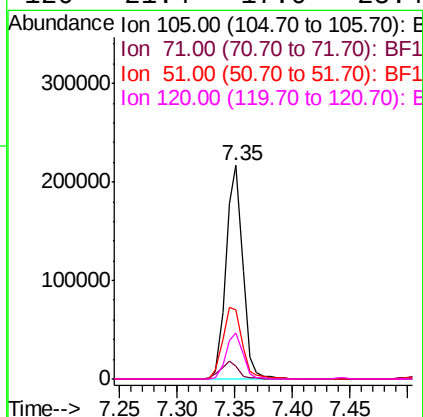
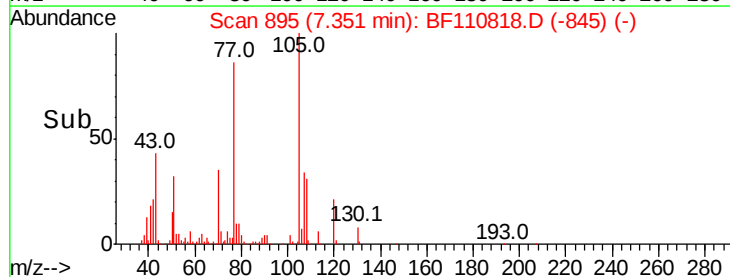
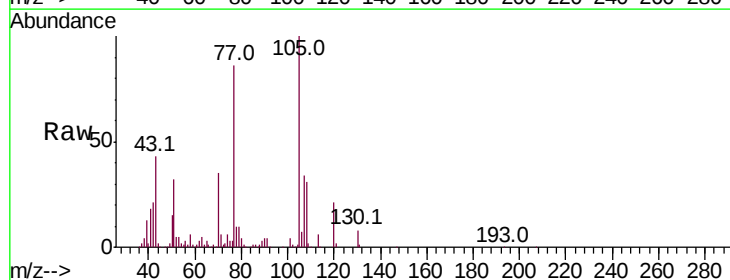
RT: 7.35 min Scan# 895

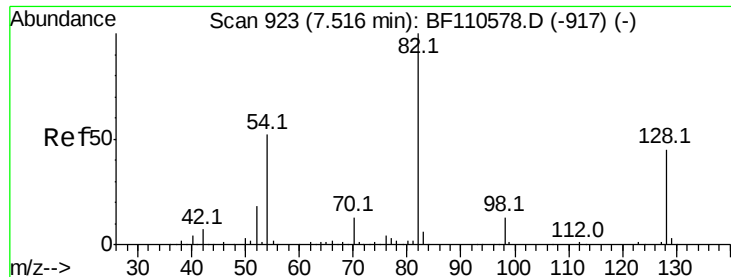
Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217856		
71	6.0		5.2	7.8
51	32.4		21.8	32.8
120	21.4		17.0	25.4





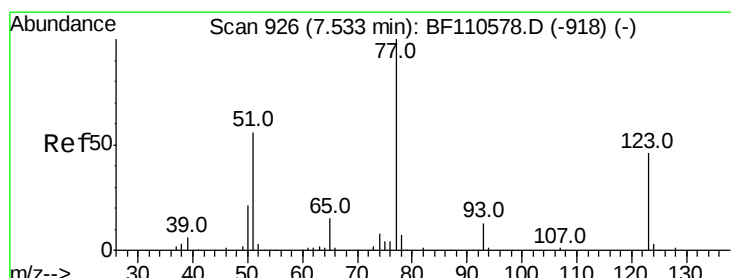
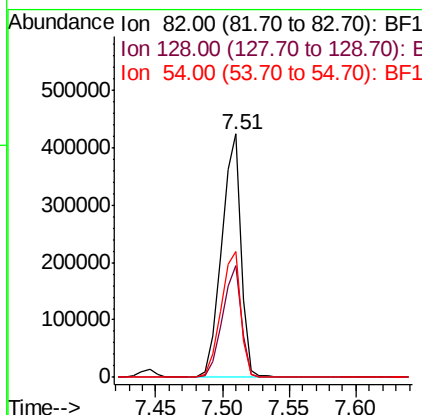
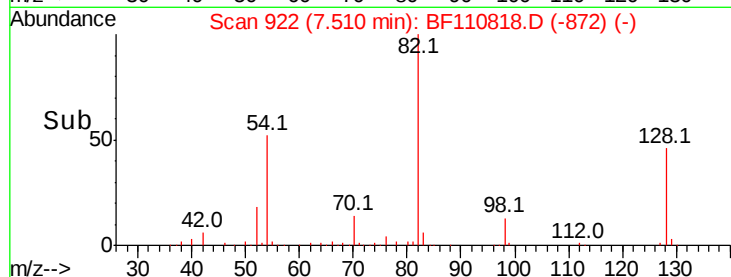
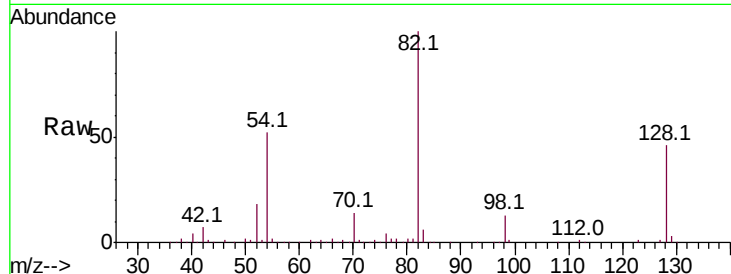
#23
 Nitrobenzene-d5
 Concen: 99.470 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	51.9	38.6	58.0

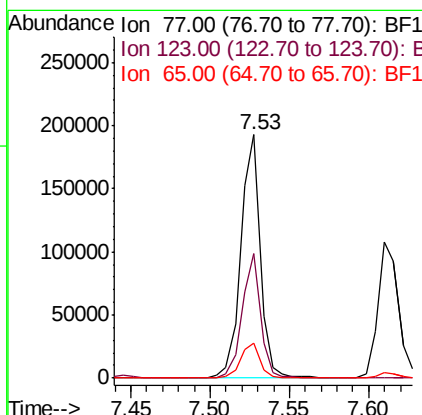
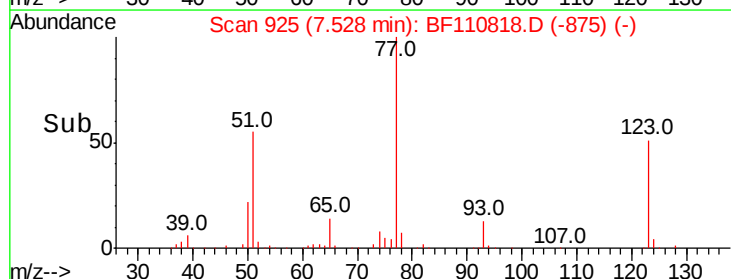
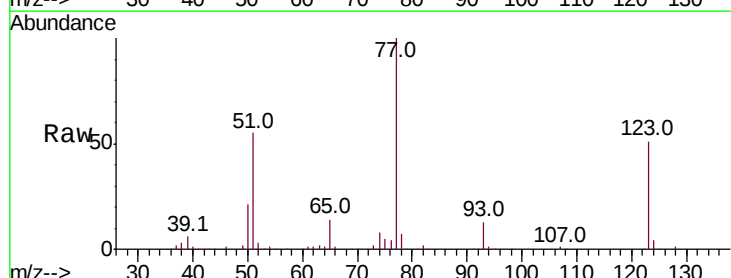
Manual Integrations
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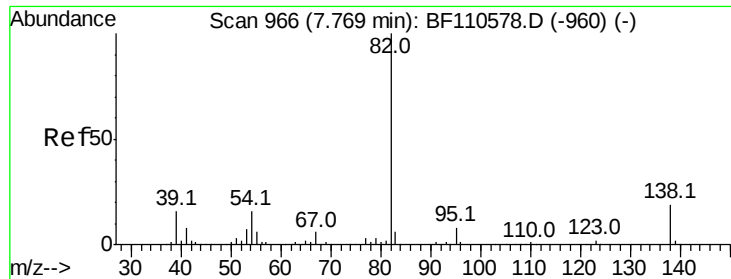
Sohil
 11/19/2018 11:55:48 AM



#24
 Nitrobenzene
 Concen: 36.236 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	35.7	53.5
65	14.2	10.7	16.1





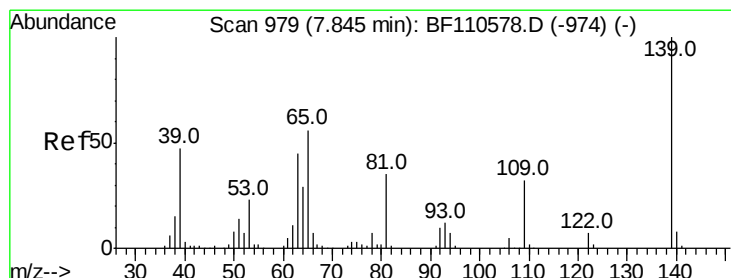
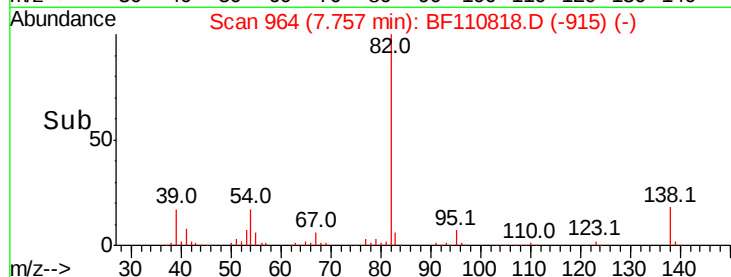
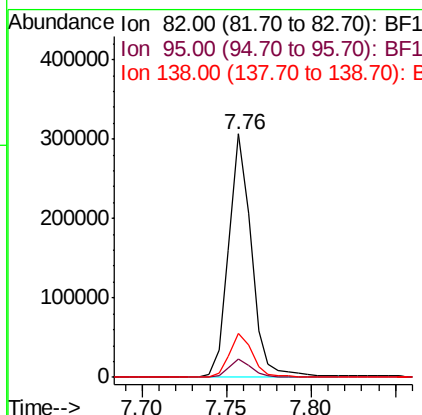
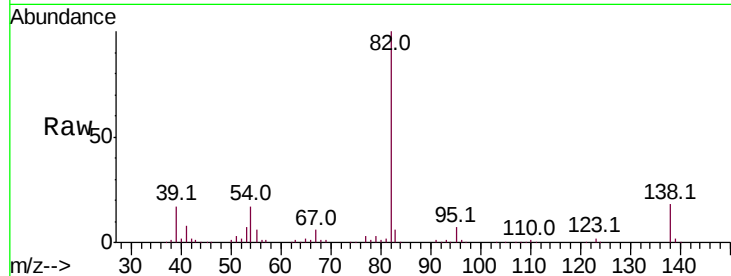
#25
Isophorone
Concen: 40.276 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	5.7	8.5	
138	18.3	13.2	19.8	

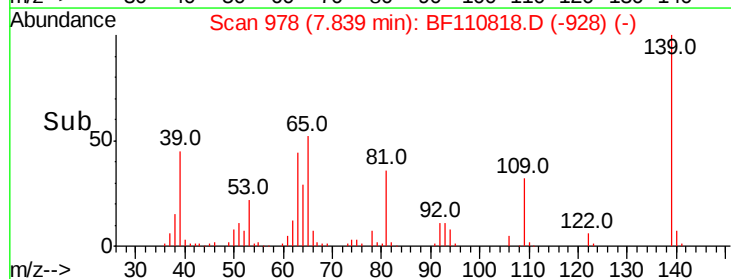
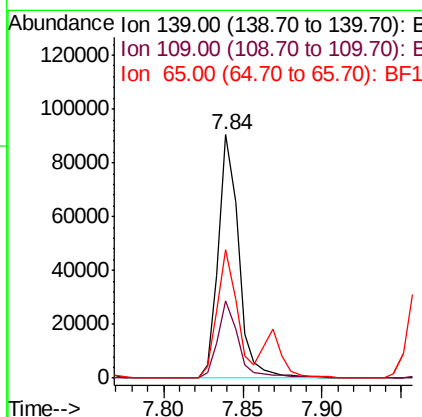
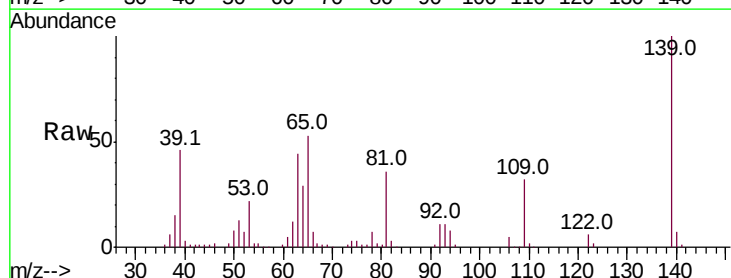
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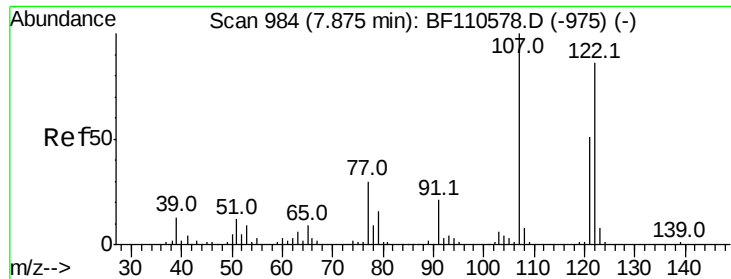
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#26
2-Nitrophenol
Concen: 36.281 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.7	25.0	37.6	
65	52.8	44.0	66.0	





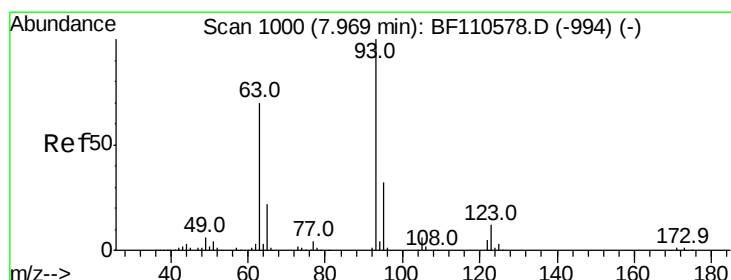
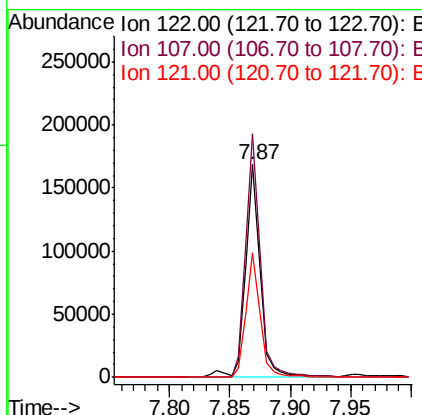
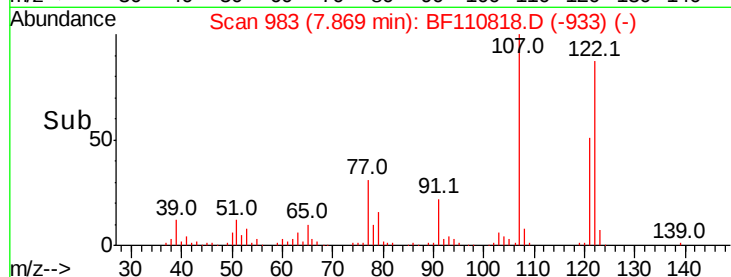
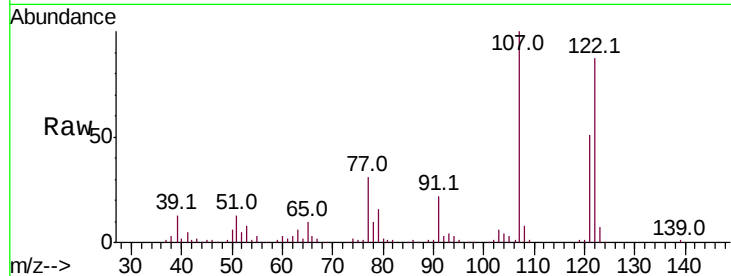
#27
2,4-Dimethylphenol
Concen: 42.525 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.5	138.7
121	58.4	45.8	68.8

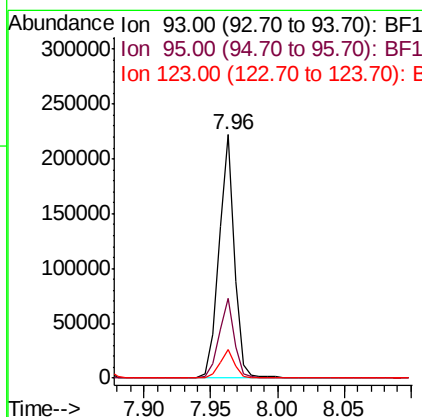
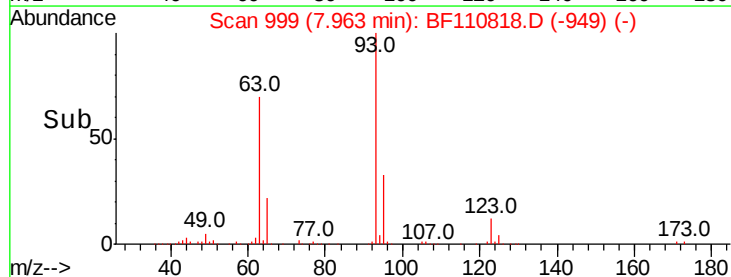
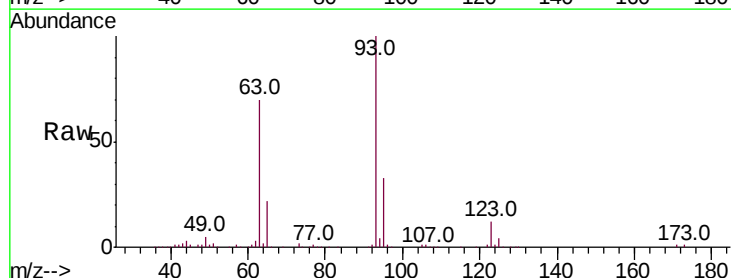
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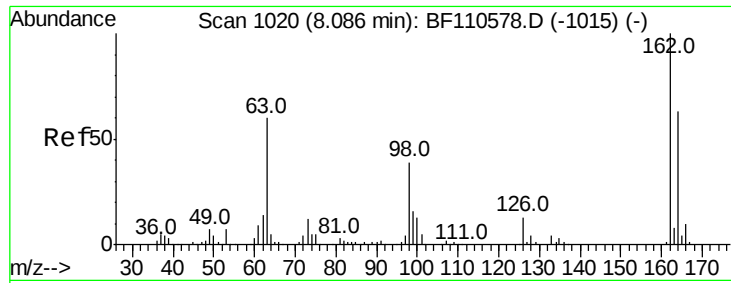
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.381 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.8	9.0	13.6





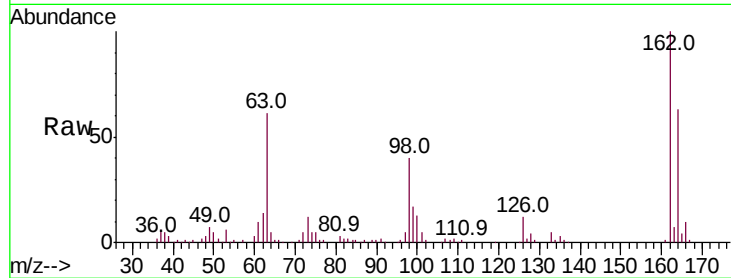
#29
 2,4-Dichlorophenol
 Concen: 37.852 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

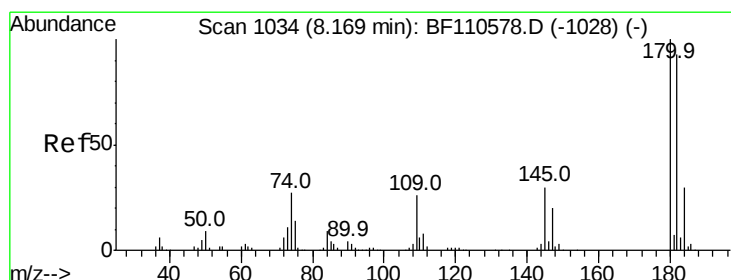
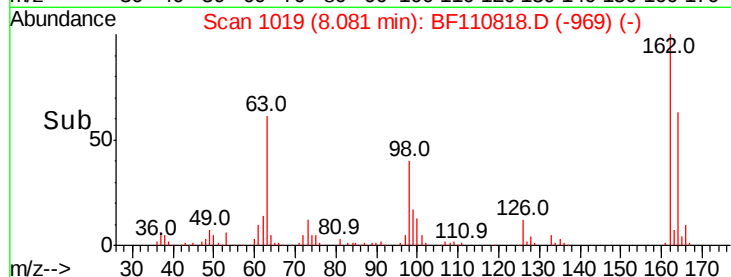
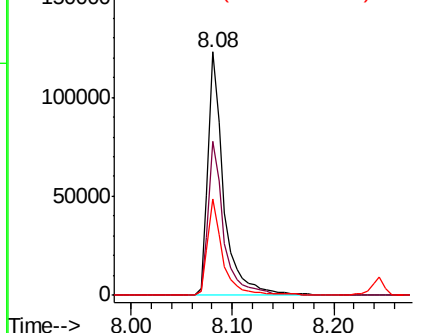
Tot Ion	Ratio	Resp	Lower	Upper
162	100	132841		
164	63.5	44.6	84.6	
98	39.7	17.4	57.4	

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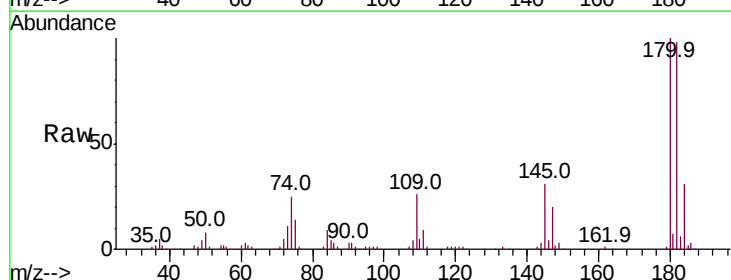


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

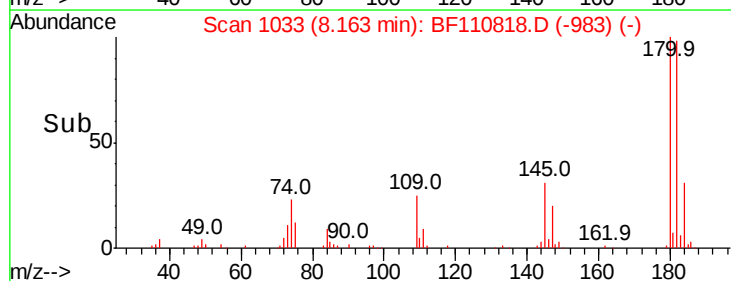
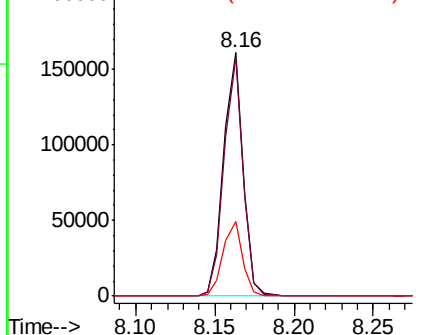


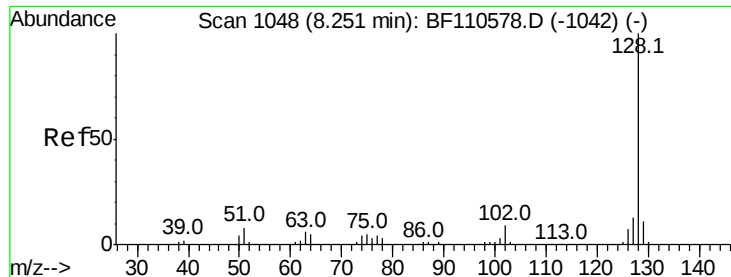
#30
 1,2,4-Trichlorobenzene
 Concen: 34.535 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136652		
182	97.9	80.3	120.5	
145	30.6	25.4	38.0	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.125 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

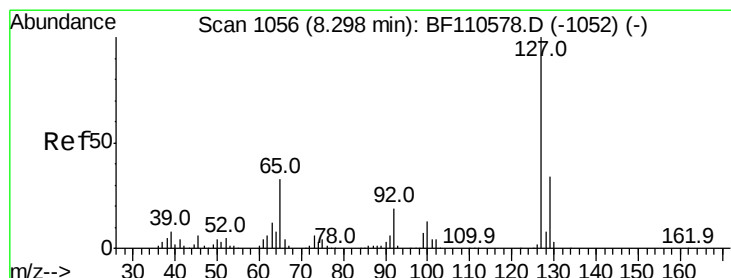
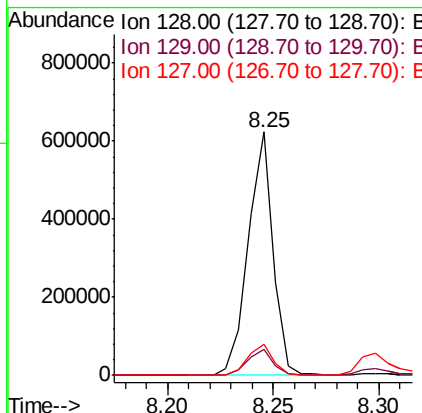
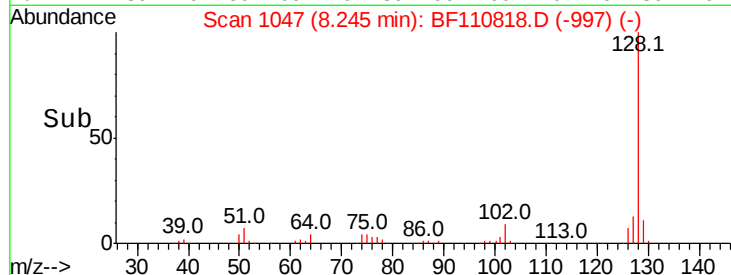
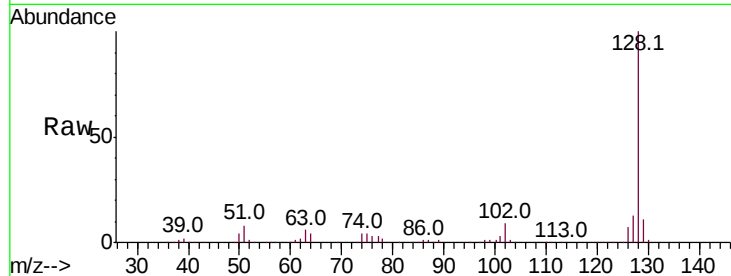
ClientSampleId :

VTW-01(7-10)MS

Tot Ion:	128	Resp:	510833
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.0	10.8	16.2

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#33

4-Chloroaniline

Concen: 13.169 ng

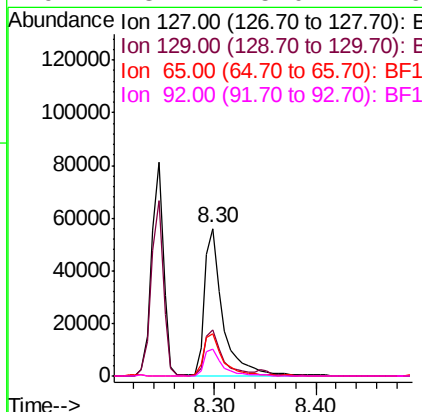
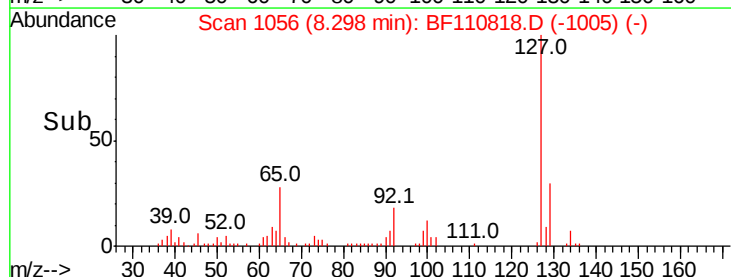
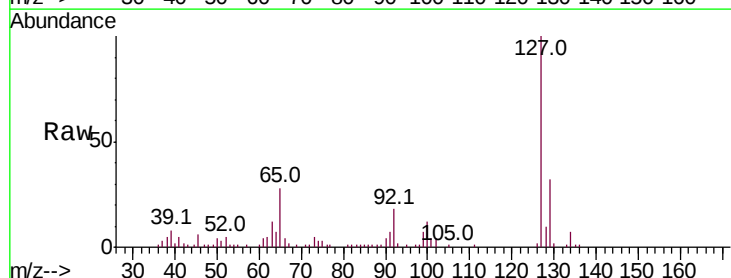
RT: 8.30 min Scan# 1056

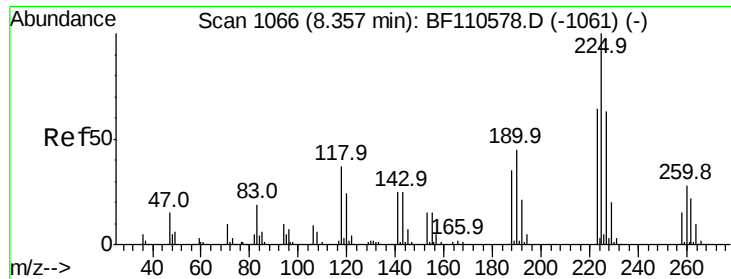
Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:	127	Resp:	70658
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.0	39.0
65	28.5	25.1	37.7
92	18.4	15.0	22.6





#34

Hexachlorobutadiene

Concen: 32.822 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

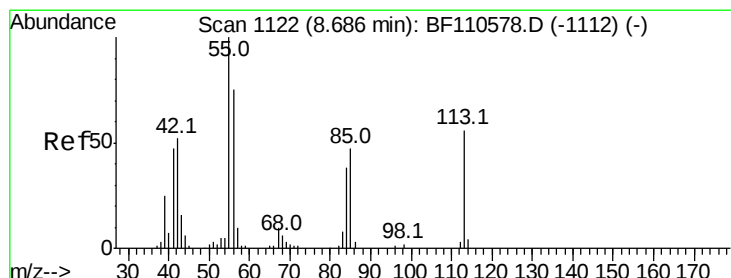
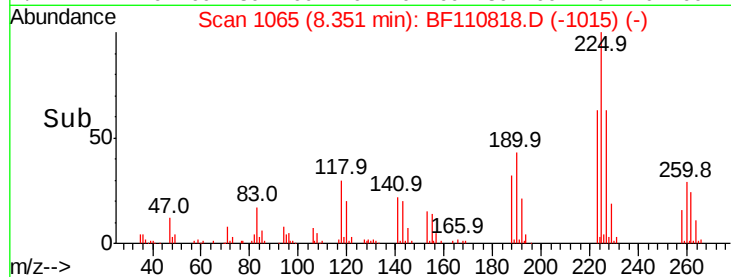
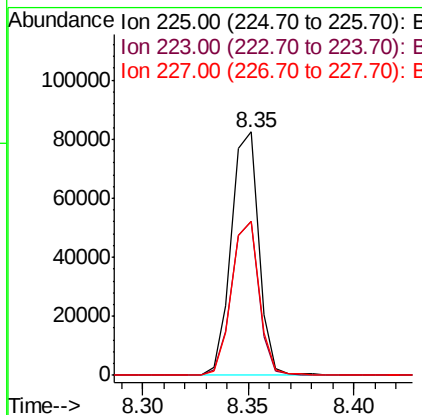
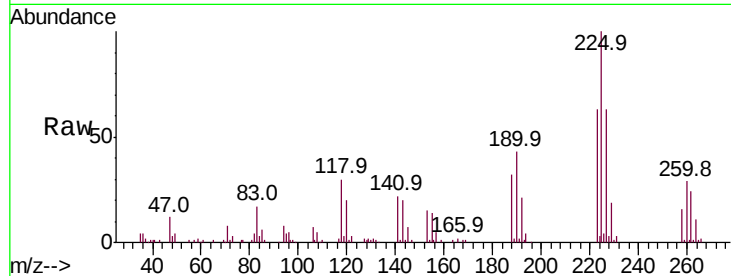
ClientSampleId :

VTW-01(7-10)MS

Tot Ion:	225	Resp:	74180
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.4	77.2
227	63.0	51.0	76.6

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#35

Caprolactam

Concen: 34.016 ng

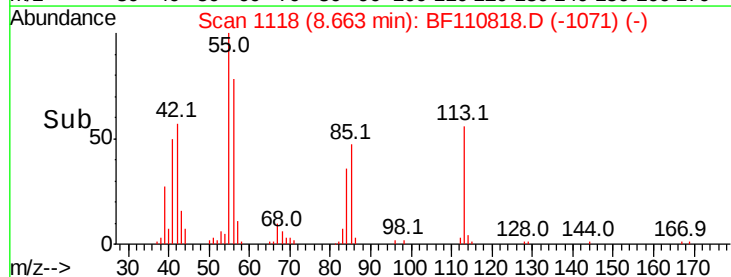
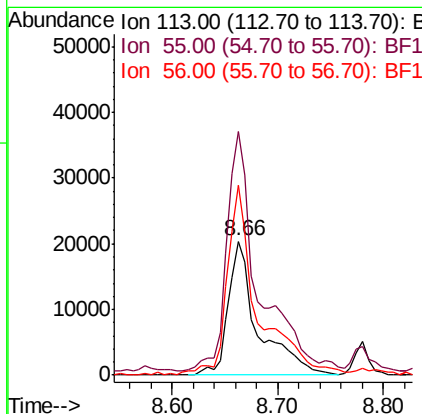
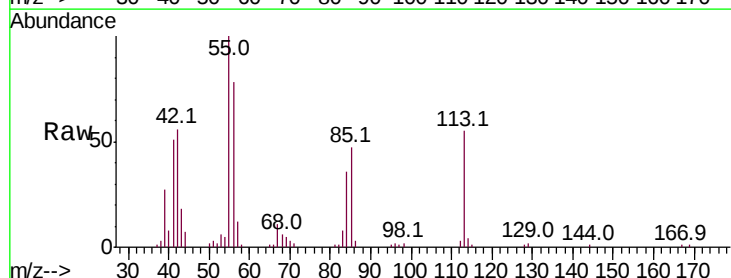
RT: 8.66 min Scan# 1118

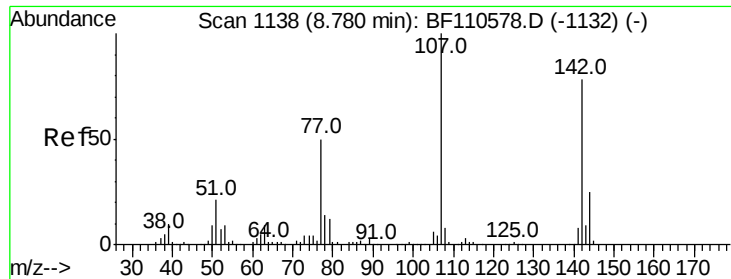
Delta R.T. -0.02 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:	113	Resp:	39884
Ion Ratio	Lower	Upper	
113	100		
55	181.7	142.8	182.8
56	142.0	105.0	145.0





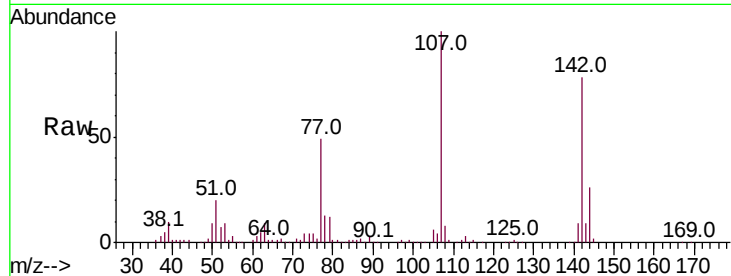
#36
4-Chloro-3-methylphenol
Concen: 38.363 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.0	30.0
142	78.4	59.7	89.5

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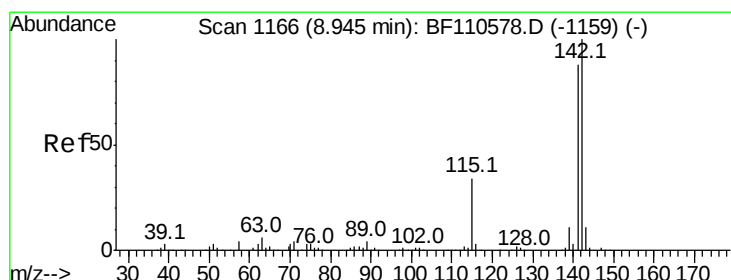
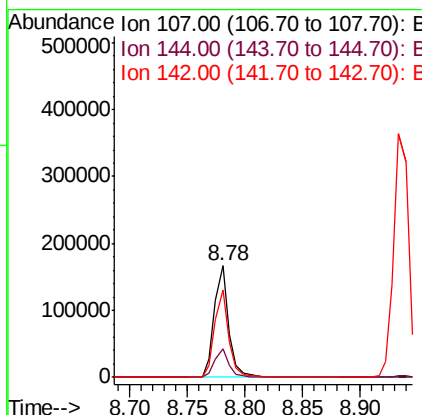
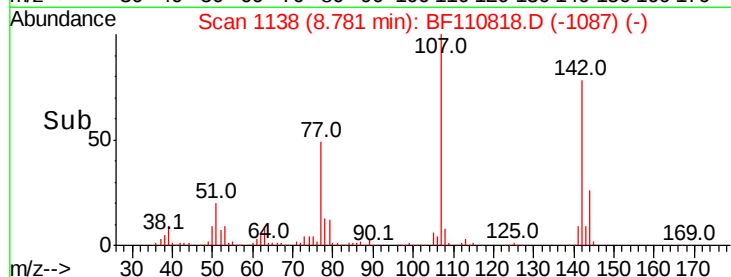


Abundance

Ion 107.00 (106.70 to 107.70): E

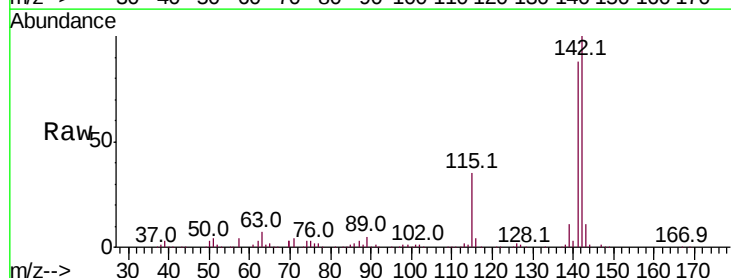
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 42.567 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	34.8	28.7	43.1

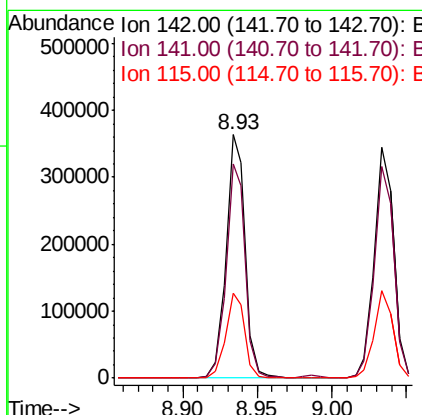
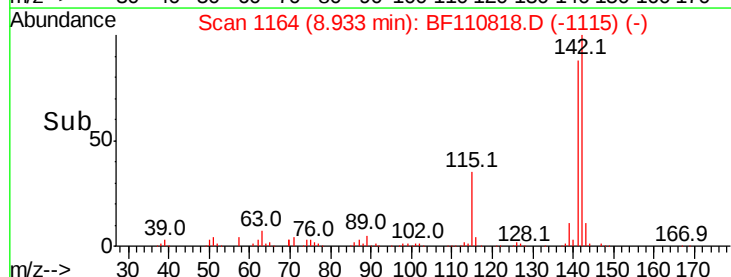


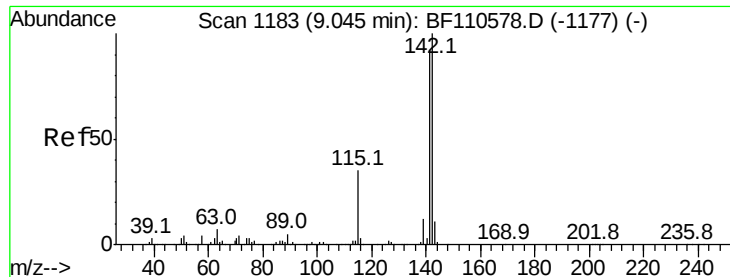
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





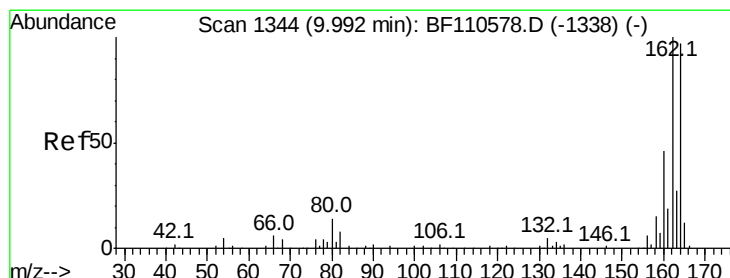
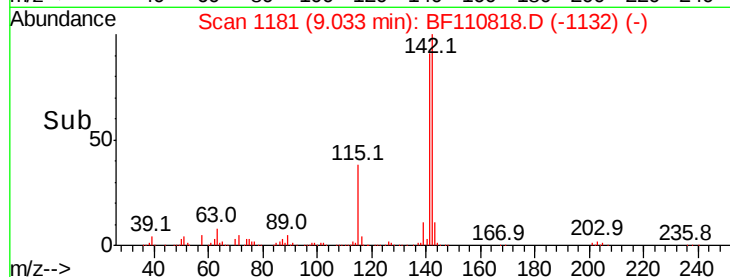
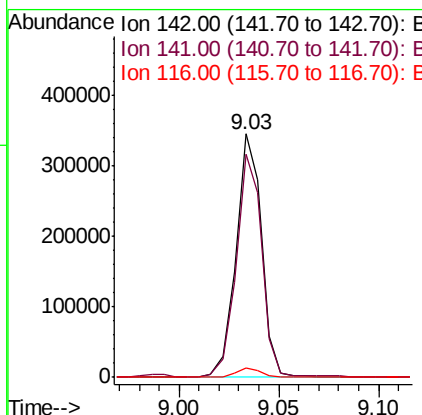
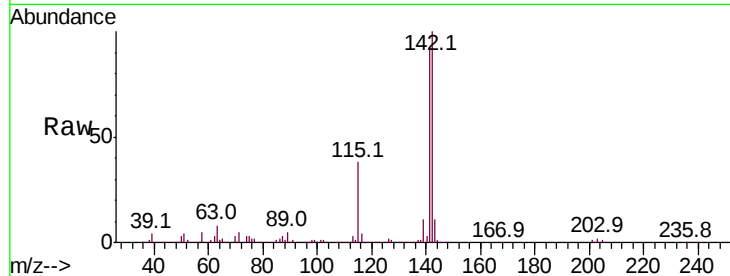
#38
1-Methylnaphthalene
Concen: 41.691 ng m
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.6	74.2	111.4	
116	4.0	2.6	4.0#	

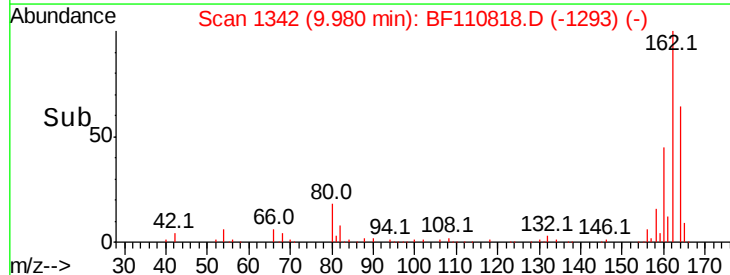
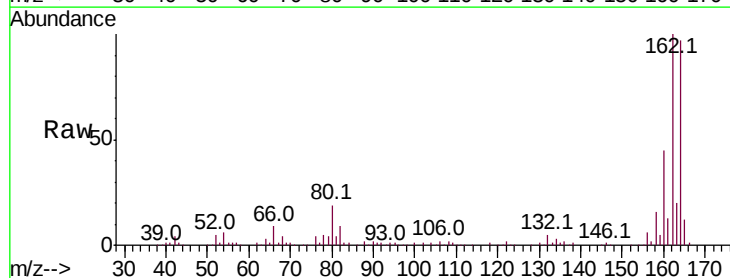
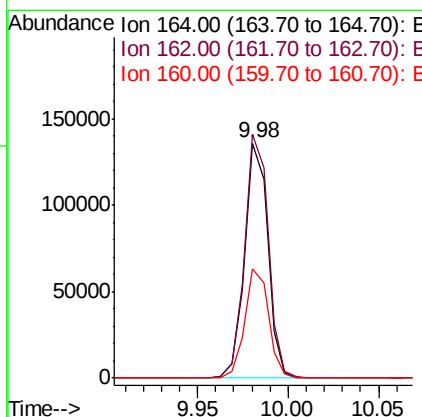
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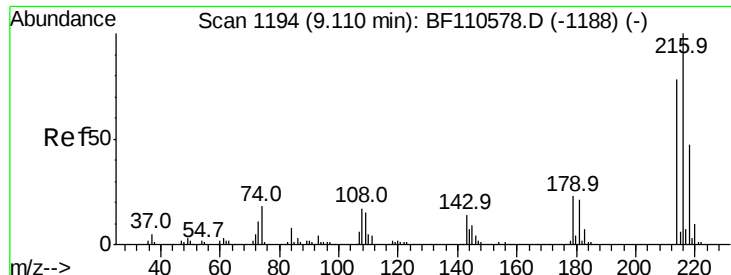
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	83.0	124.6	
160	46.4	37.0	55.6	





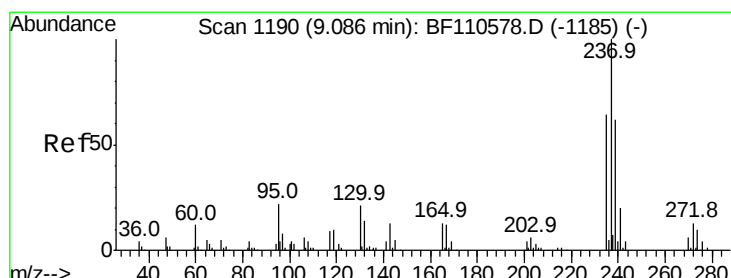
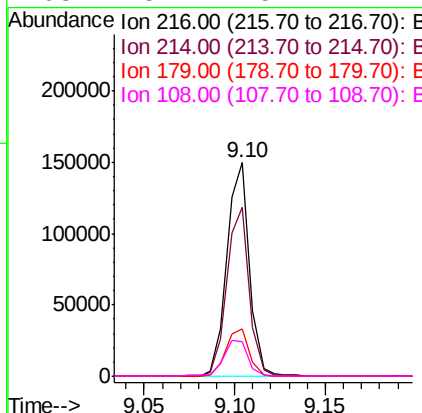
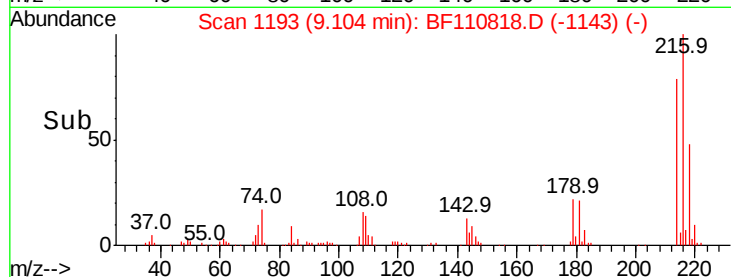
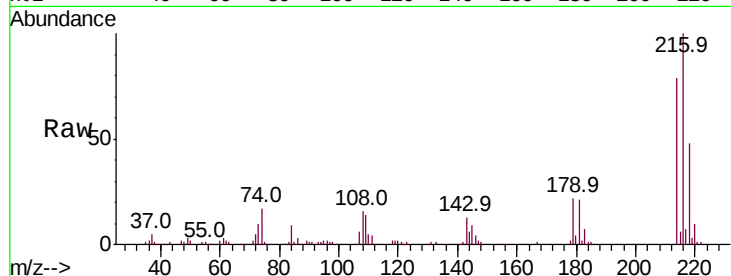
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.037 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	129896		
214	78.7	63.8	95.6	
179	22.9	16.6	25.0	
108	18.7	15.1	22.7	

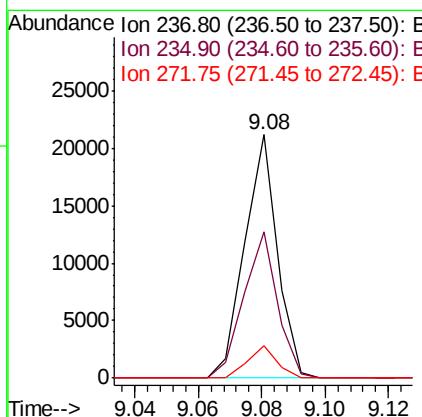
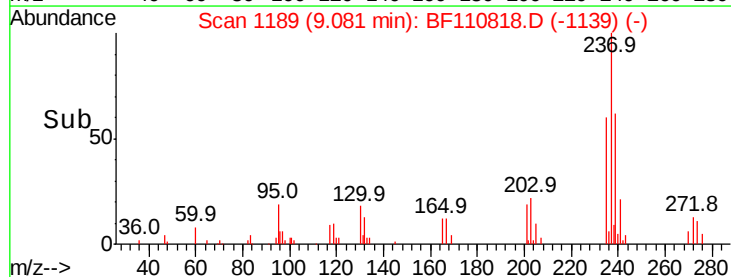
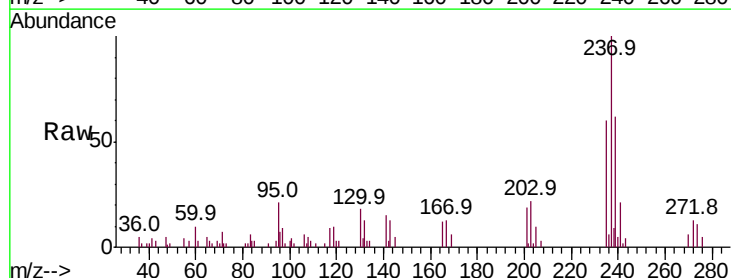
Manual Integrations
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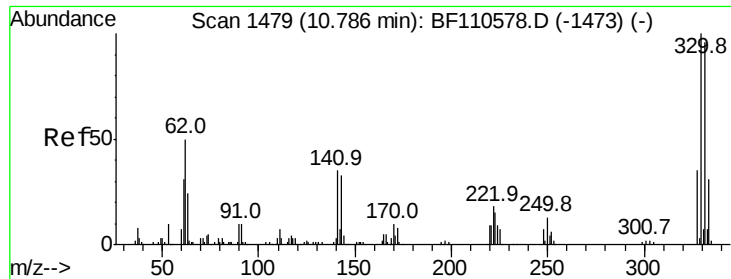
Sohil
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#41
 Hexachlorocyclopentadiene
 Concen: 16.788 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	15070		
235	59.9	43.1	83.1	
272	13.2	0.0	32.6	





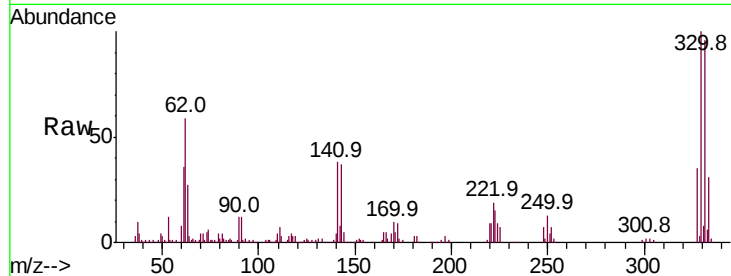
#42
 2,4,6-Tribromophenol
 Concen: 131.989 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	160344		
332	96.1	77.1	115.7	
141	38.9	27.0	40.4	

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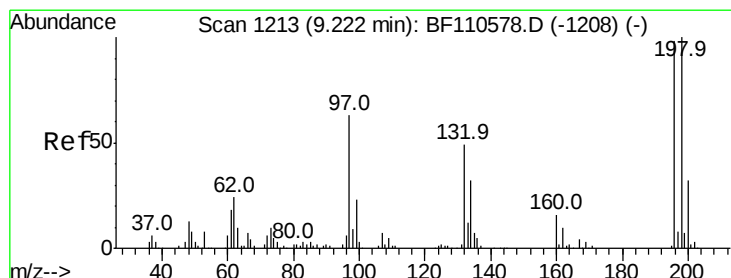
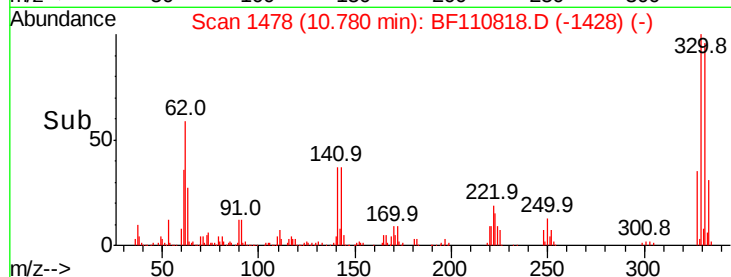
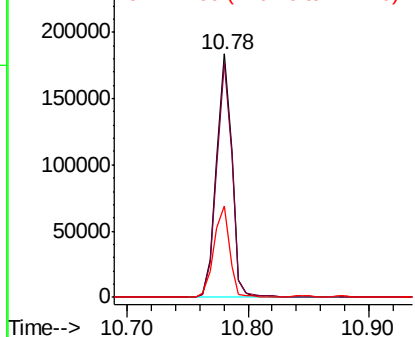


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 36.702 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

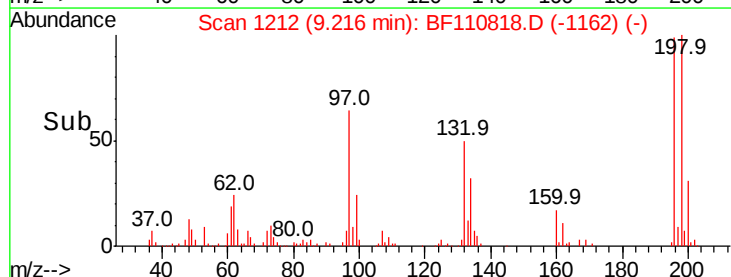
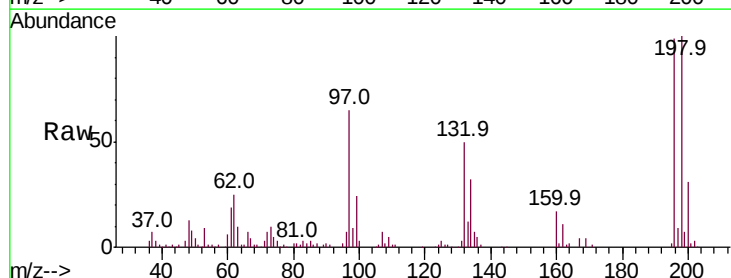
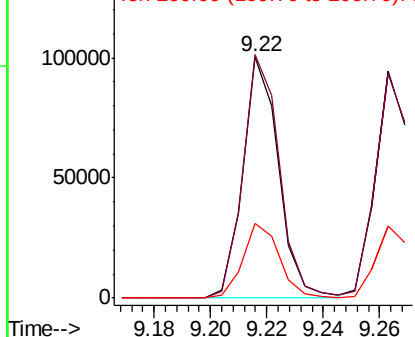
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88018		
198	101.0	76.2	114.4	
200	31.2	24.4	36.6	

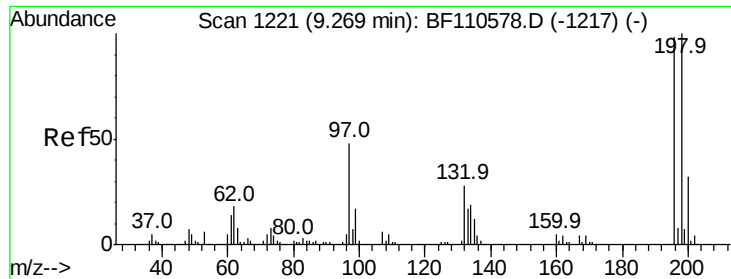
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





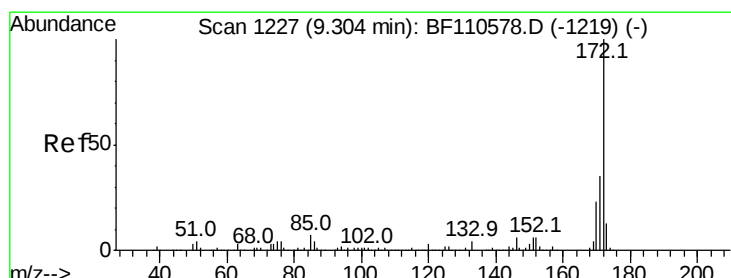
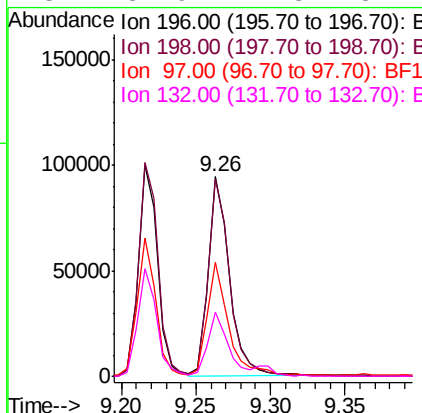
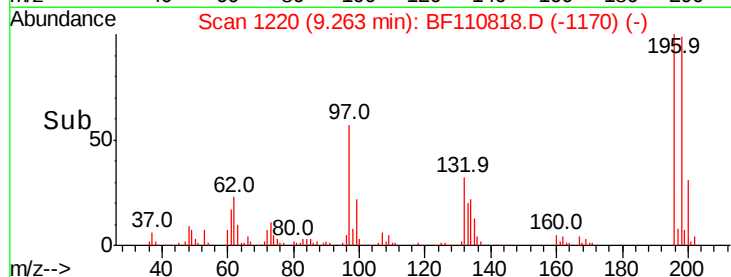
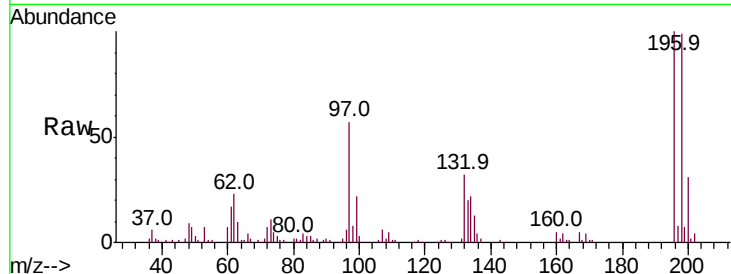
#44
 2,4,5-Trichlorophenol
 Concen: 36.429 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.7		75.8	113.6
97	57.4		42.4	63.6
132	31.9		22.8	34.2

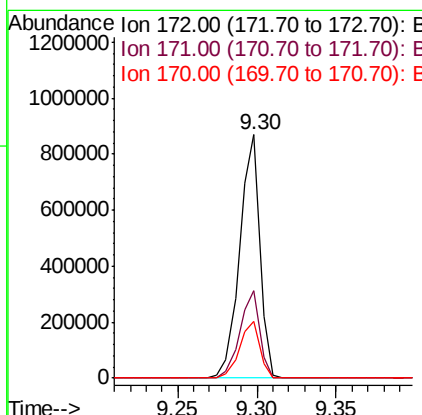
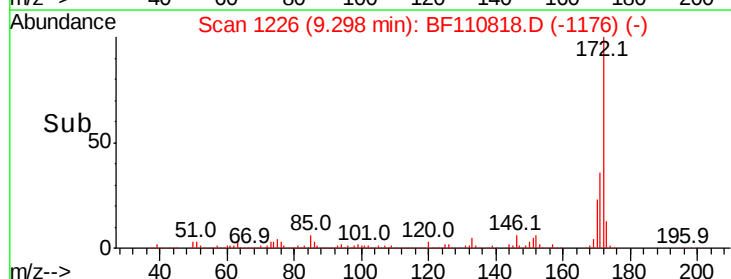
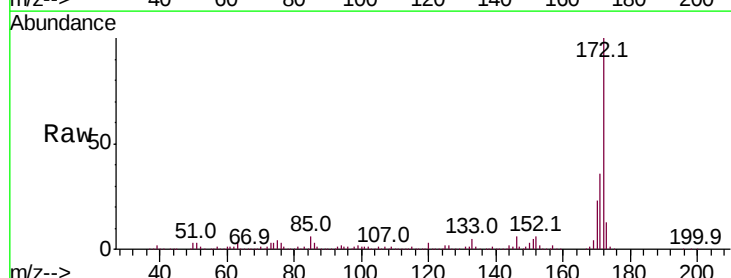
Manual Integrations
 APPROVED

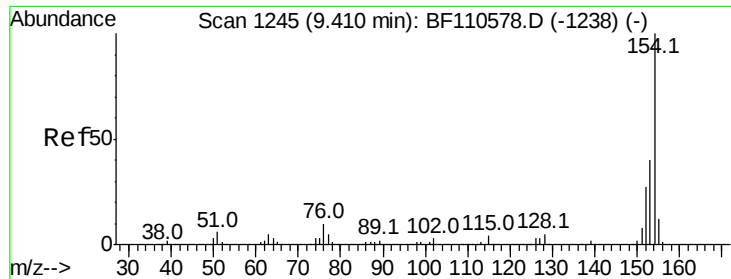
Sohil
 11/19/2018 11:55:48 AM



#45
 2-Fluorobiphenyl
 Concen: 90.456 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7		28.6	43.0
170	23.3		19.7	29.5





#46

1,1'-Biphenyl

Concen: 33.515 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

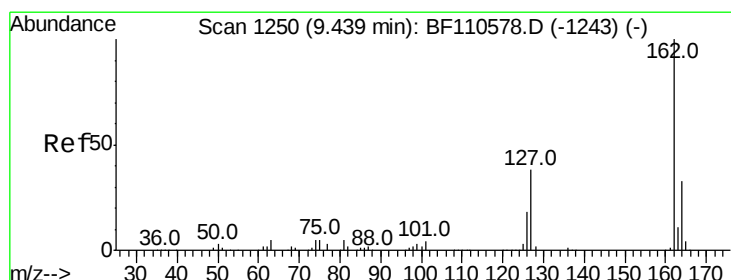
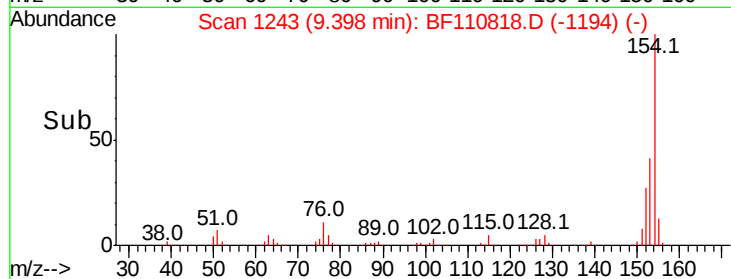
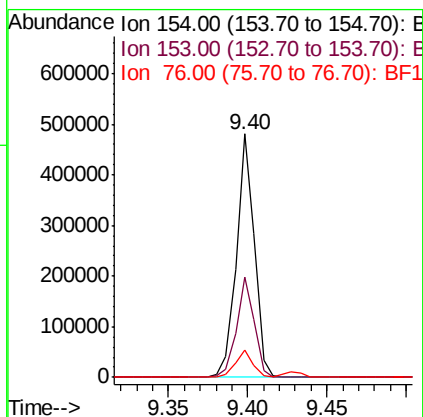
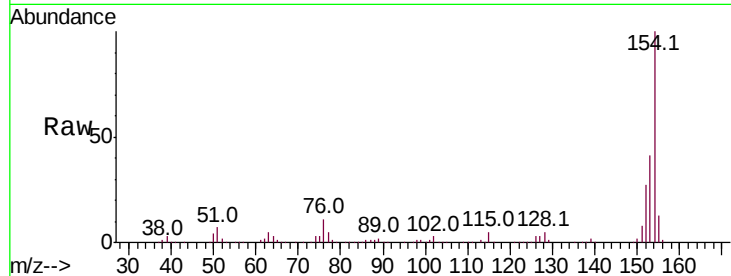
ClientSampleId :

VTW-01(7-10)MS

Tot Ion:	154	Resp:	376941
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.4	60.4
76	11.1	0.0	31.9

Manual Integrations
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#47

2-Chloronaphthalene

Concen: 34.410 ng

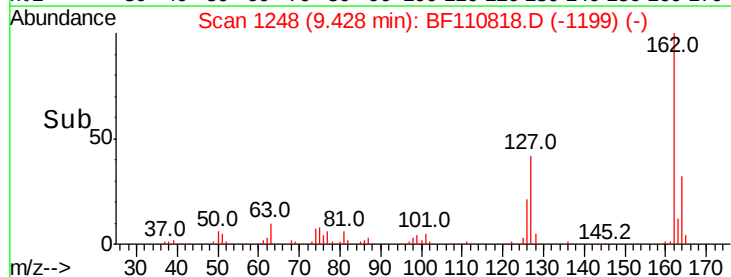
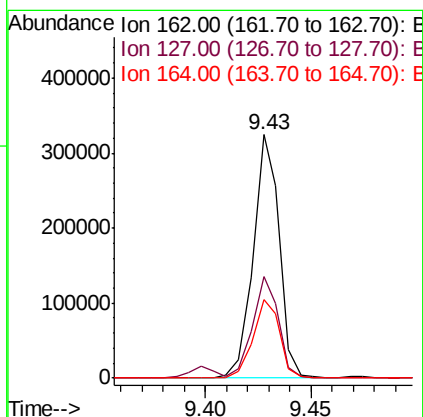
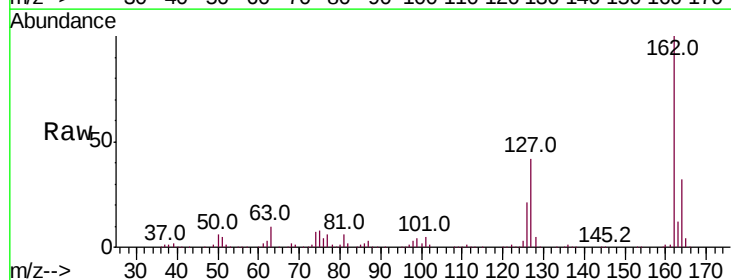
RT: 9.43 min Scan# 1248

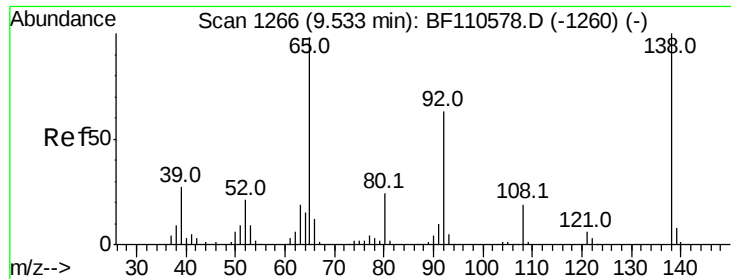
Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:	162	Resp:	278811
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.6	48.8
164	32.4	25.9	38.9





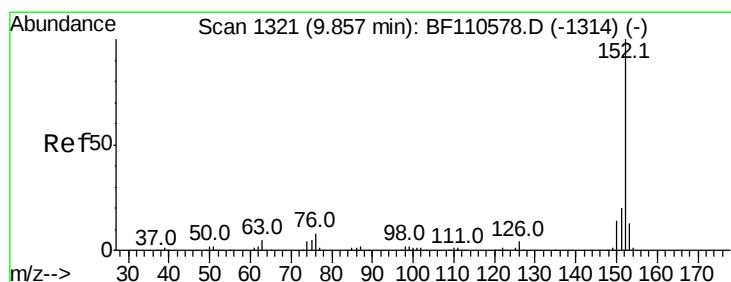
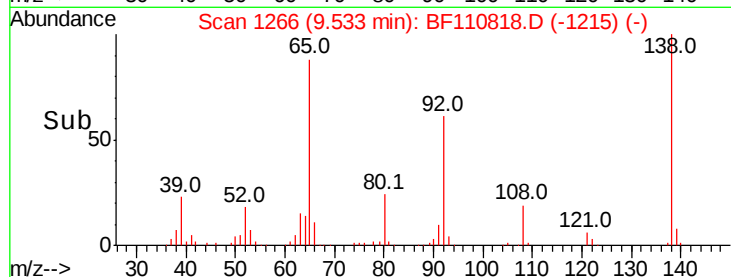
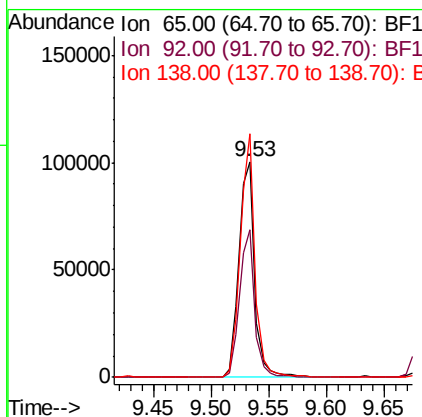
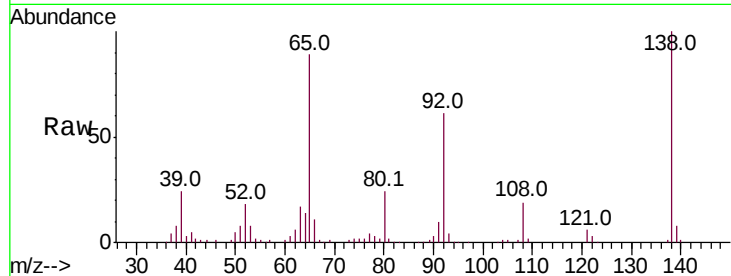
#48
2-Nitroaniline
Concen: 38.218 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	81.8
138	112.7	80.3	120.5

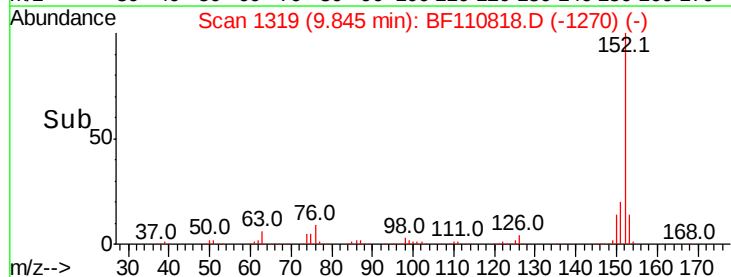
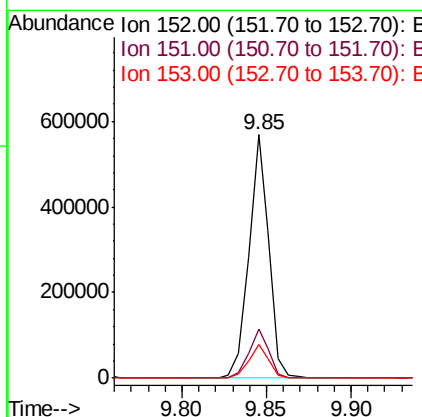
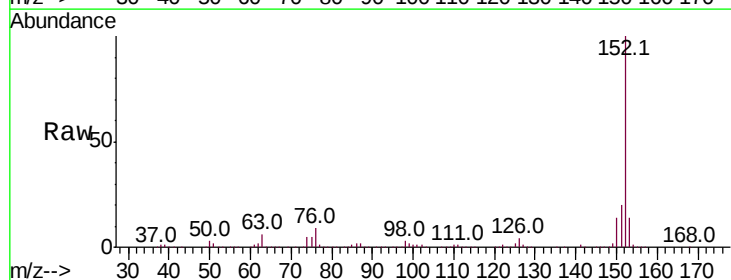
Manual Integrations
APPROVED

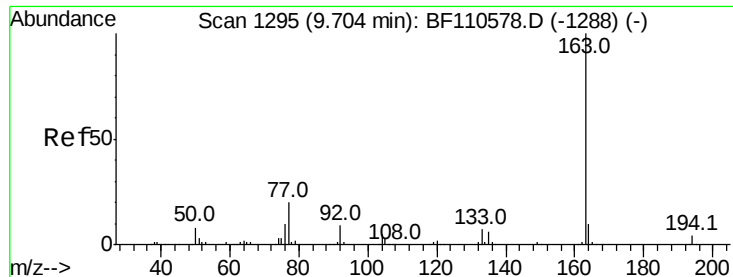
Sohil
11/19/2018 11:55:48 AM



#49
Acenaphthylene
Concen: 39.997 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.9	10.4	15.6





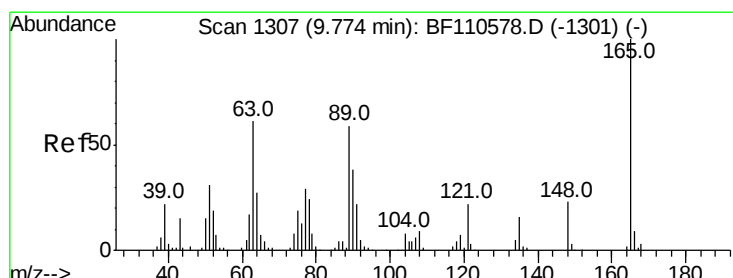
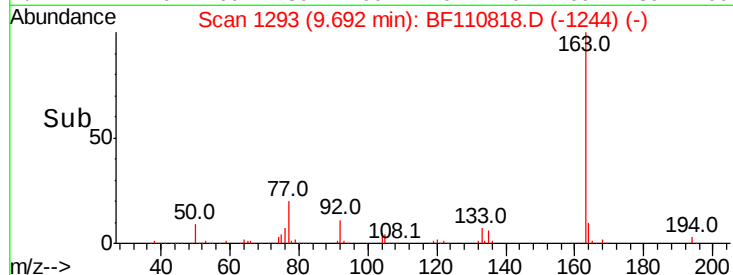
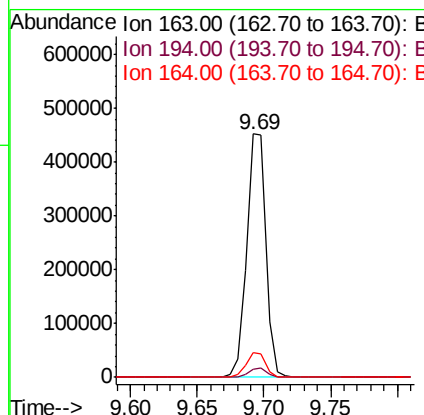
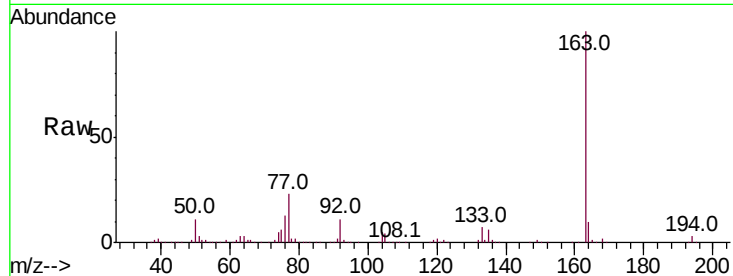
#50
Dimethylphthalate
Concen: 49.440 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion:163	Resp:	444774
Ion Ratio	Lower	Upper
163 100		
194 3.5	3.2	4.8
164 10.2	8.1	12.1

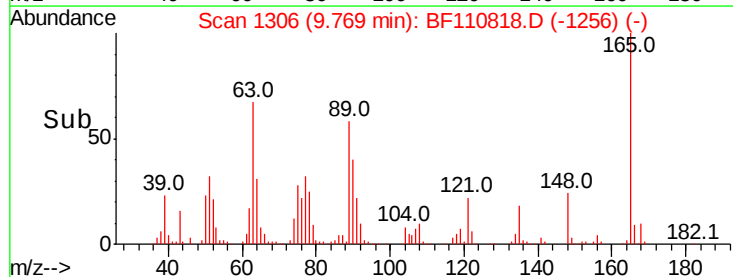
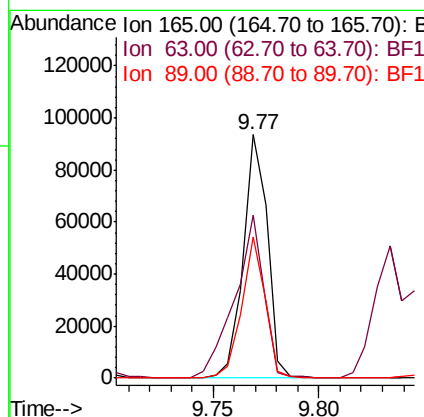
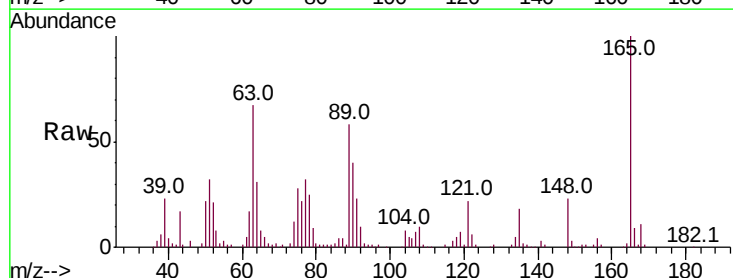
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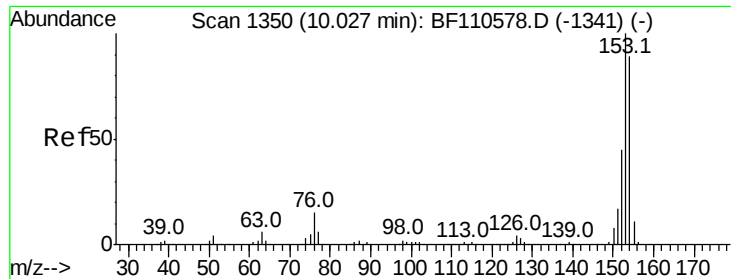
Sohil
11/19/2018 11:55:48 AM



#51
2,6-Dinitrotoluene
Concen: 37.206 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion:165	Resp:	73629
Ion Ratio	Lower	Upper
165 100		
63 67.1	48.9	73.3
89 57.8	46.6	69.8





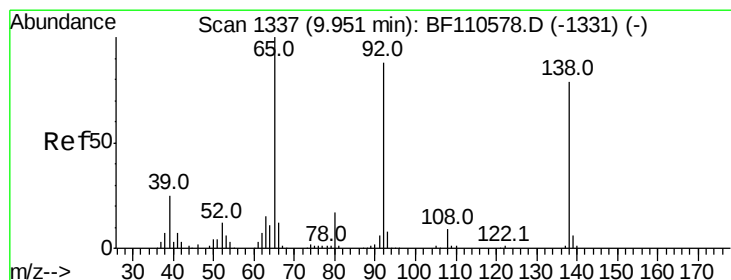
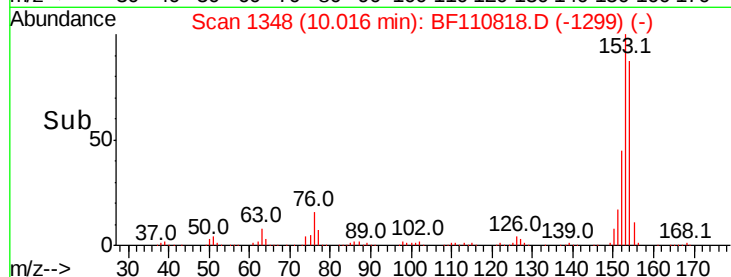
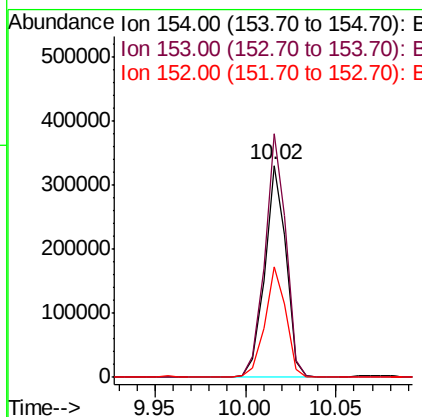
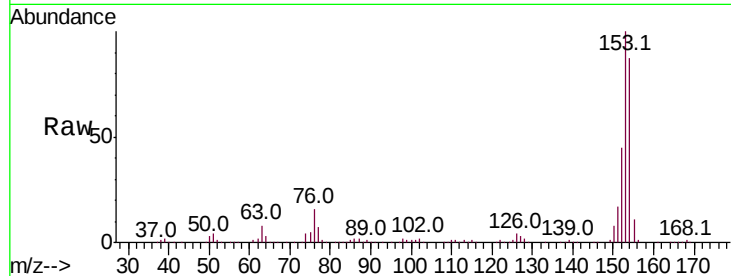
#52
Acenaphthene
Concen: 36.685 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.1	135.1
152	51.9	43.4	65.2

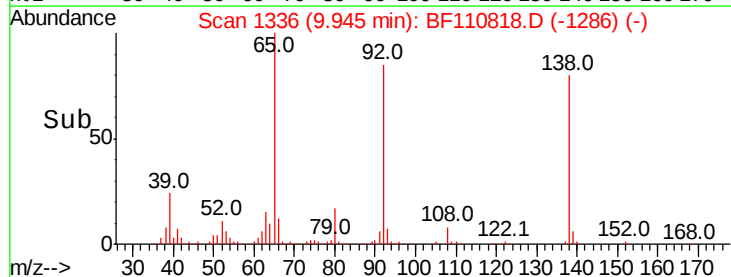
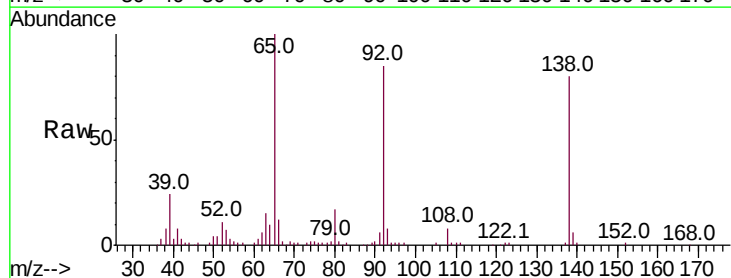
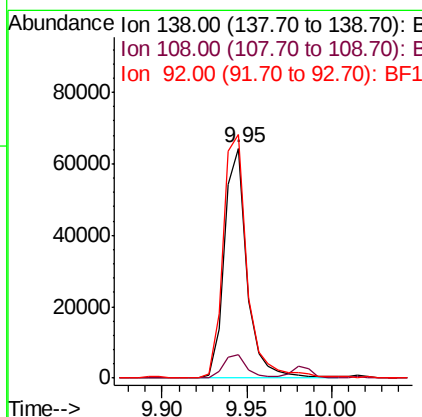
Manual Integrations
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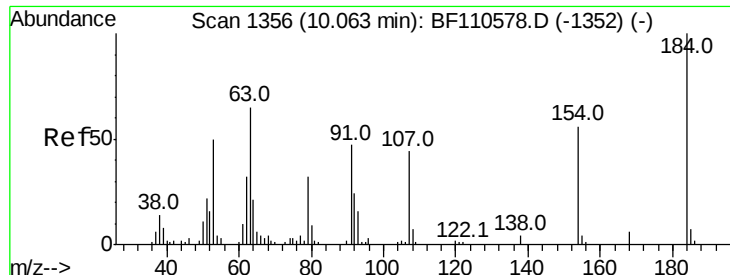
Sohil
11/19/2018 11:55:48 AM



#53
3-Nitroaniline
Concen: 26.251 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	106.0	97.0	145.4





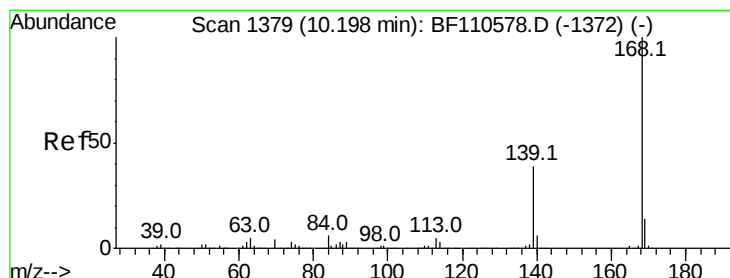
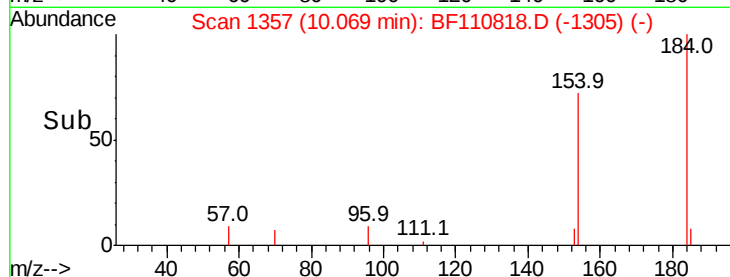
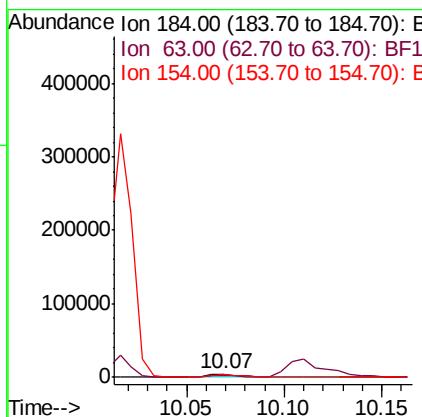
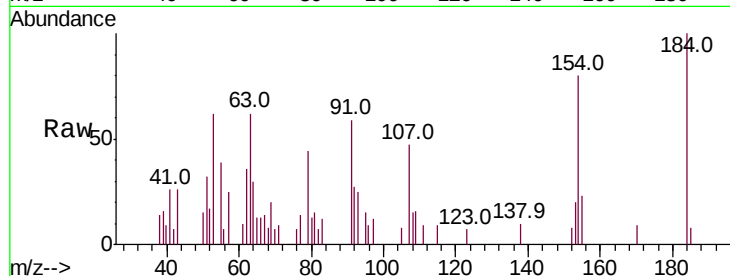
#54
 2,4-Dinitrophenol
 Concen: 11.683 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	5847		
63	62.2		55.8	83.6
154	79.6		63.2	94.8

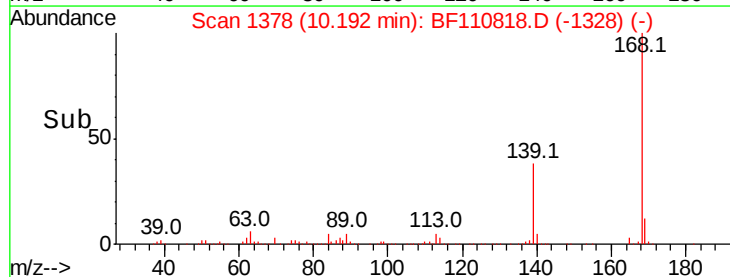
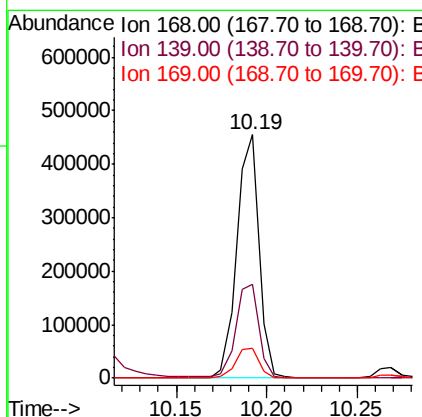
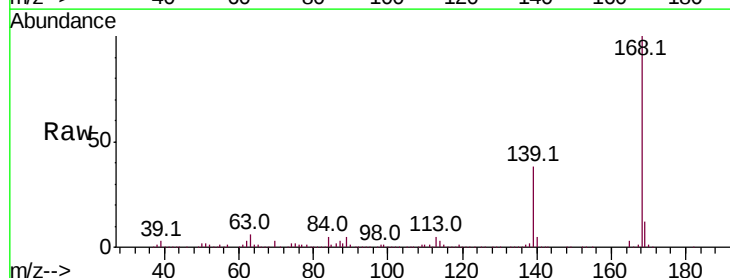
Manual Integrations
 APPROVED

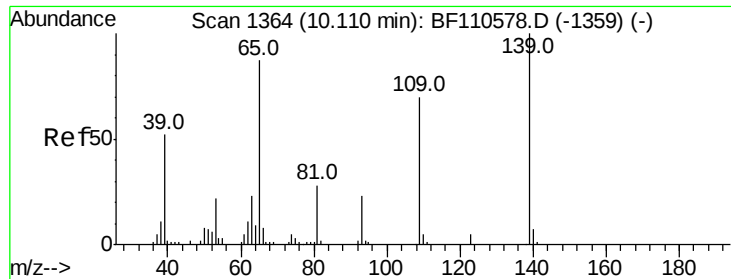
Sohil
 11/19/2018 11:55:48 AM



#55
 Dibenzofuran
 Concen: 36.016 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	388579		
139	38.3		33.0	49.6
169	12.5		11.3	16.9





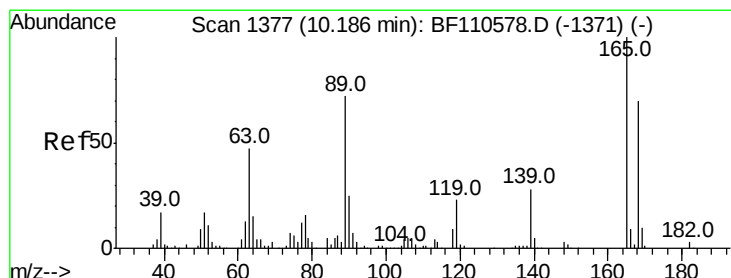
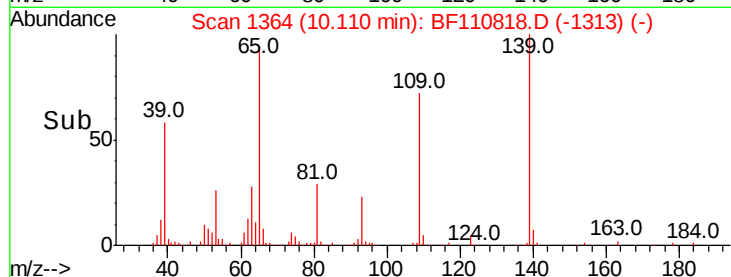
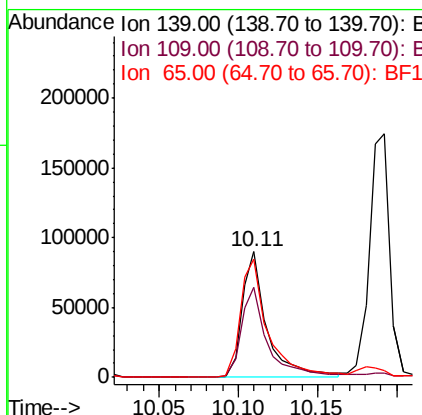
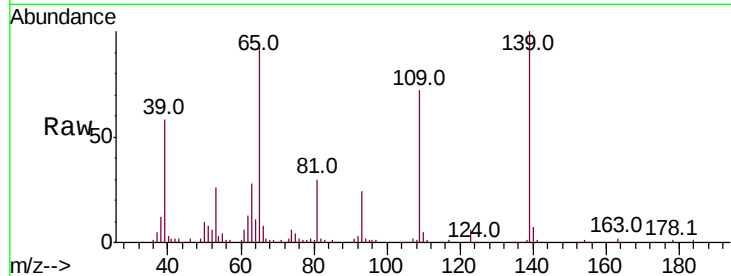
#56
4-Nitrophenol
Concen: 63.876 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.3	55.8	95.8
65	94.4	77.9	117.9

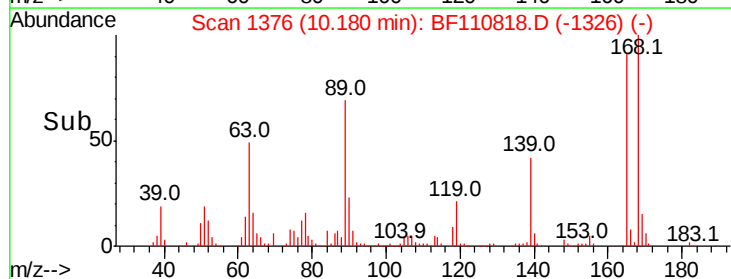
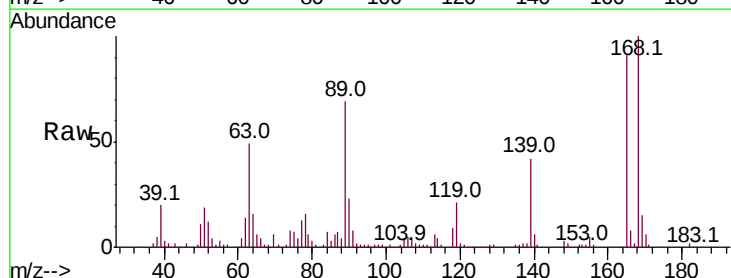
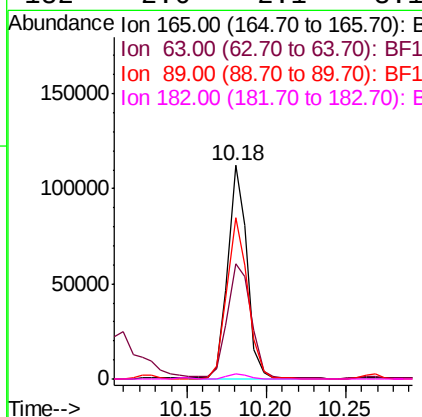
Manual Integrations
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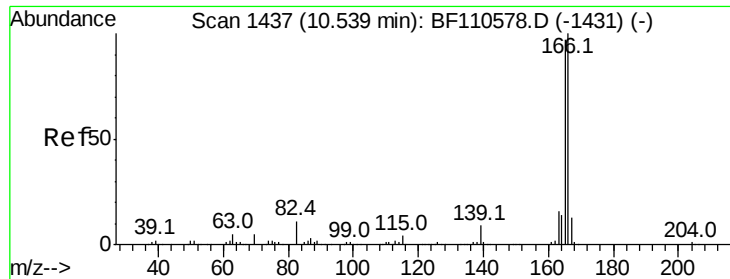
Sohil
11/19/2018 11:55:48 AM



#57
2,4-Dinitrotoluene
Concen: 37.083 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	44.8	67.2
89	75.5	62.2	93.4
182	2.6	2.1	3.1





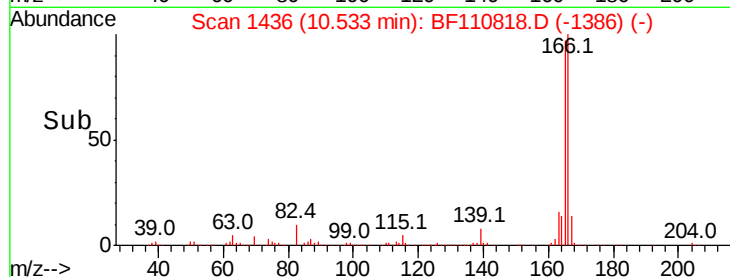
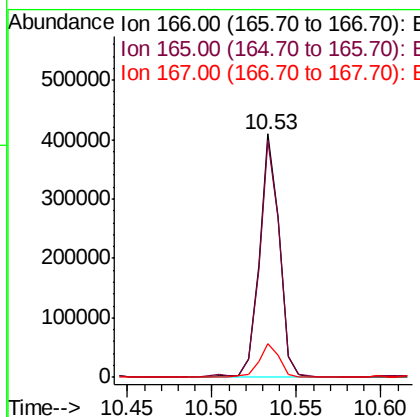
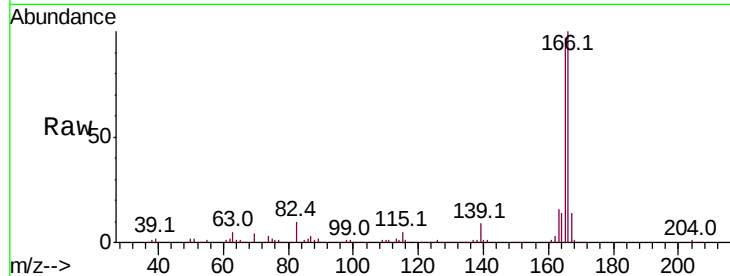
#58
Fluorene
Concen: 40.639 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	78.6	117.8	
167	13.7	10.8	16.2	

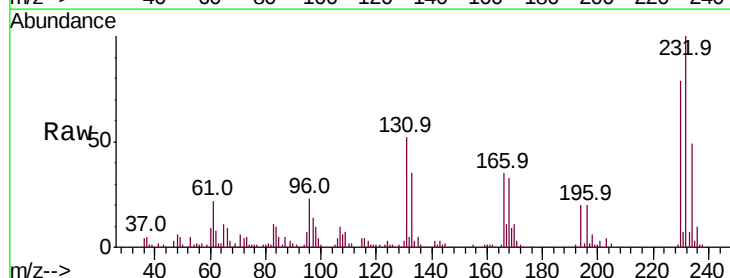
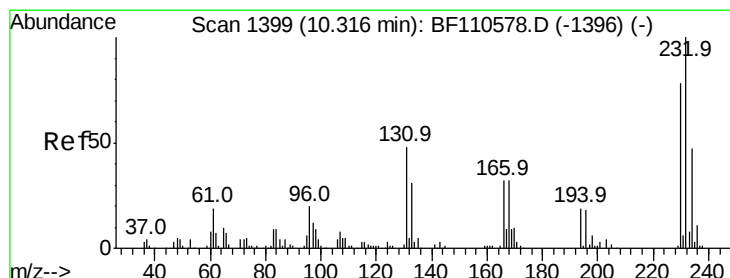
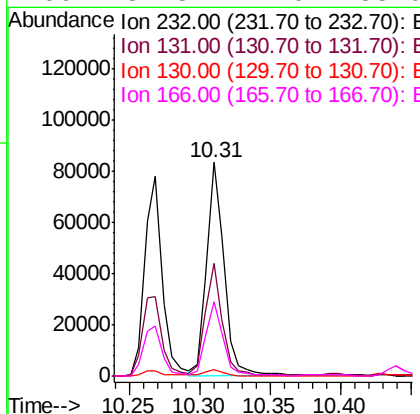
Manual Integrations
APPROVED

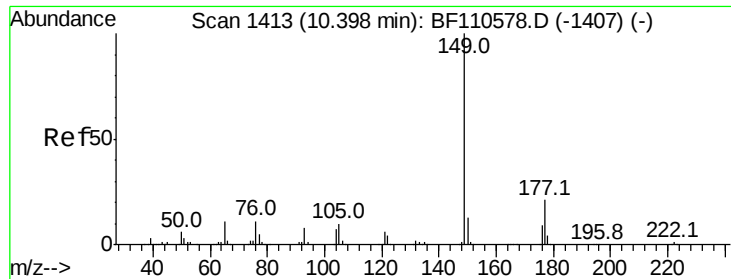
Sohil
11/19/2018 11:55:48 AM



#59
2,3,4,6-Tetrachlorophenol
Concen: 35.752 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.3	37.0	55.4	
130	3.1	1.8	2.6#	
166	34.8	22.0	33.0#	





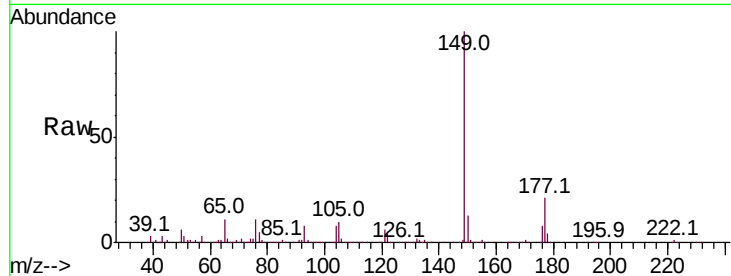
#60
Diethylphthalate
Concen: 36.796 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

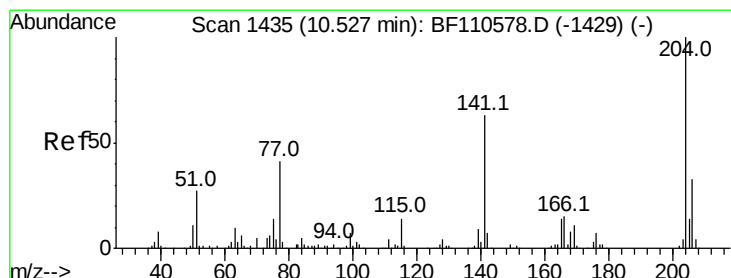
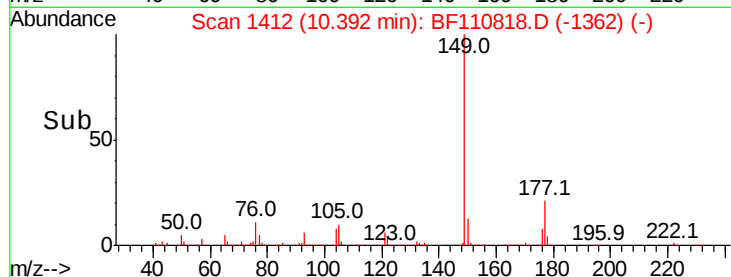
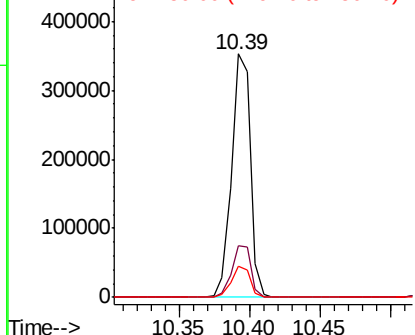
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.6	9.8	14.8

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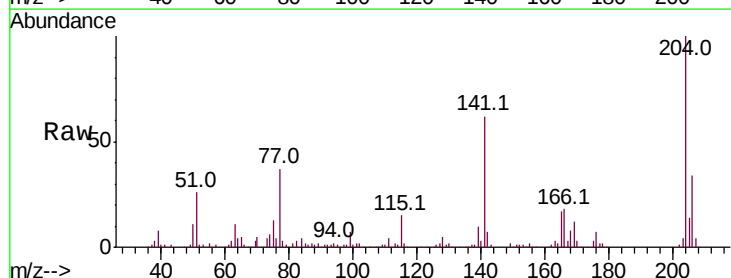


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

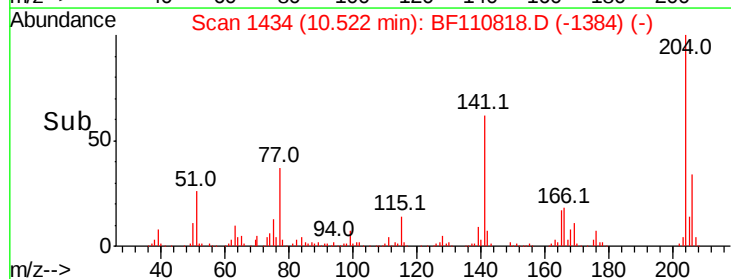
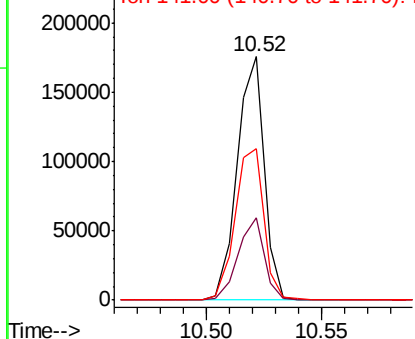


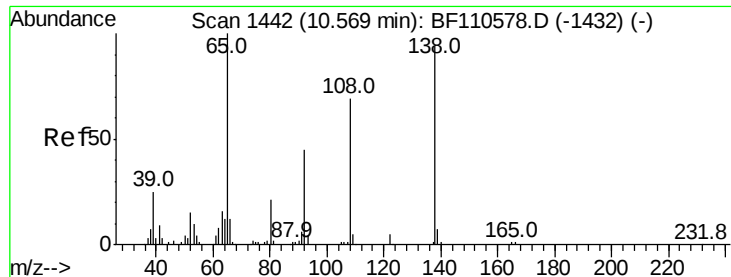
#61
4-Chlorophenyl-phenylether
Concen: 33.475 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	62.4	51.8	77.8



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





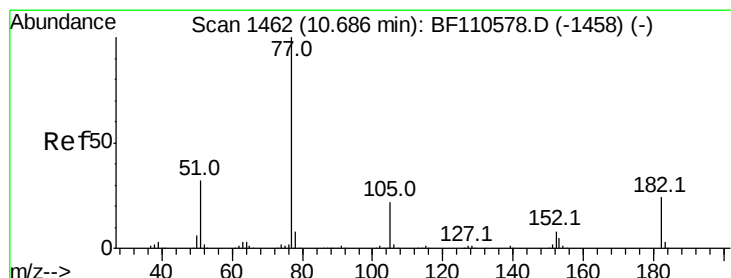
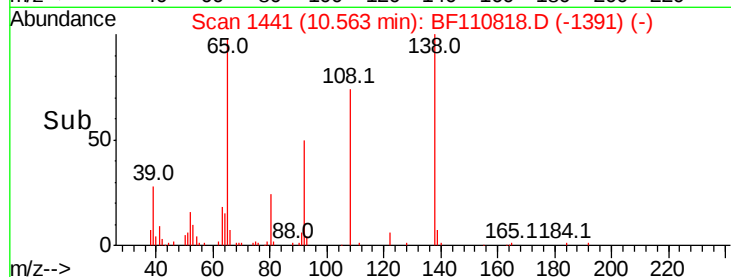
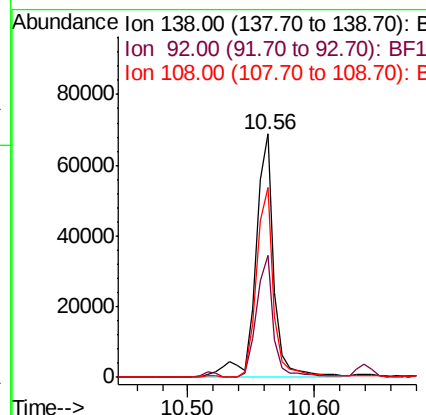
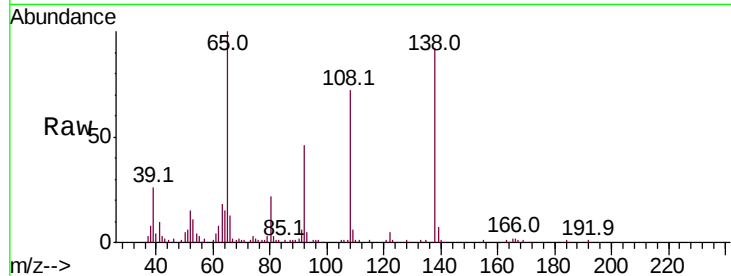
#62
4-Nitroaniline
Concen: 30.522 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.7	71.7
108	78.0	59.3	99.3

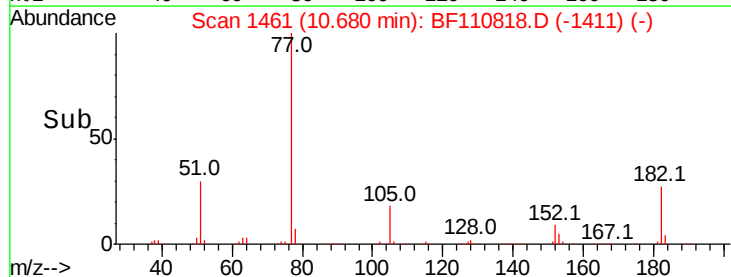
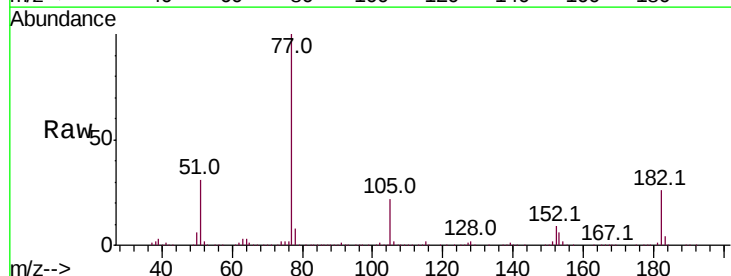
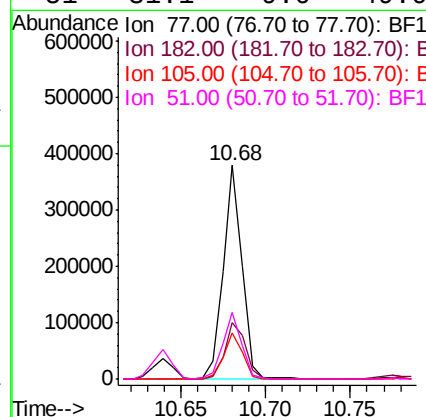
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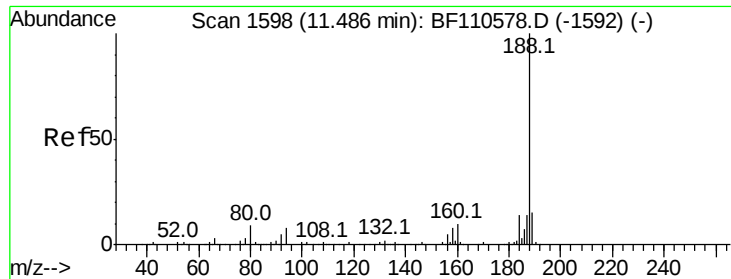
Sohil
11/19/2018 11:55:48 AM



#63
Azobenzene
Concen: 33.657 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	21.7	1.3	41.3
51	31.1	9.0	49.0





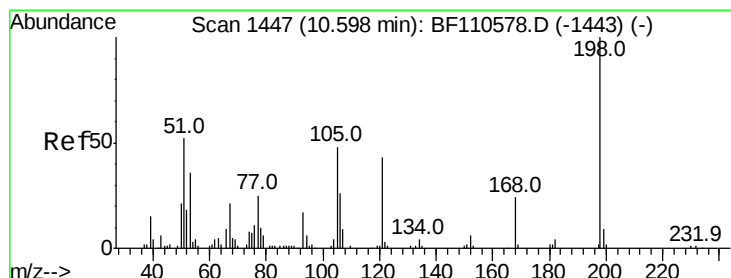
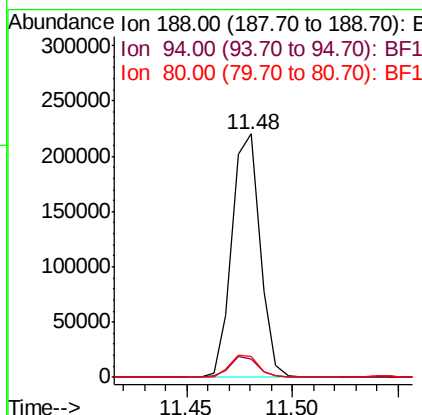
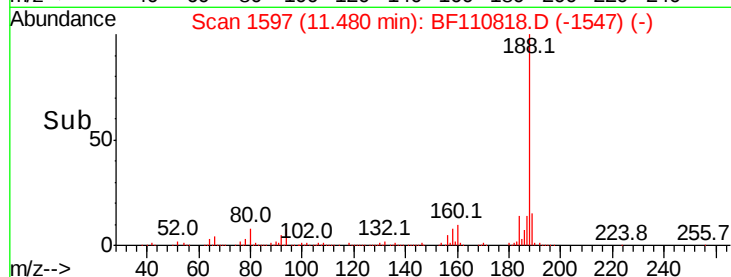
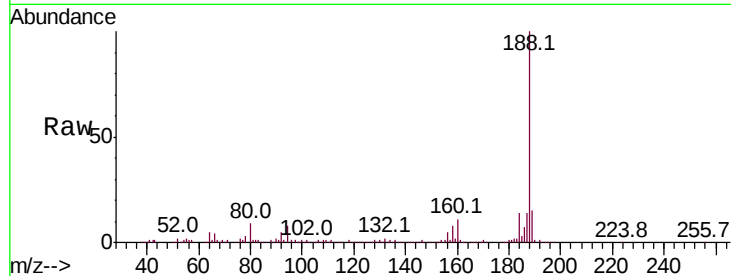
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	202521		
94	7.8		7.2	10.8
80	8.6		7.9	11.9

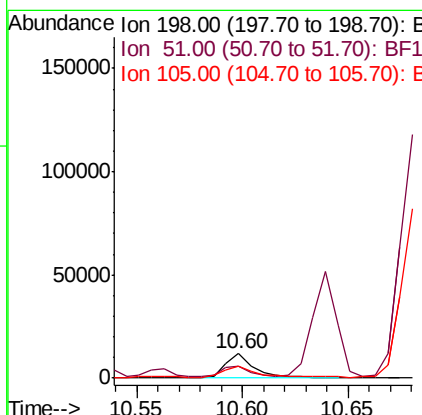
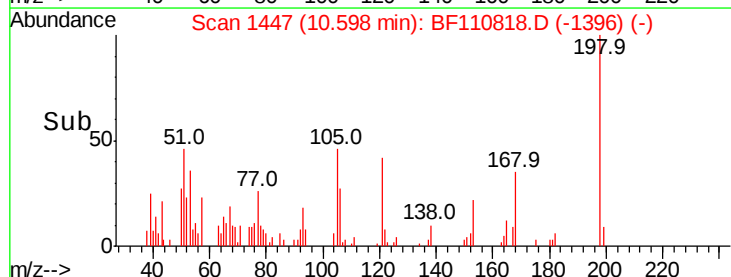
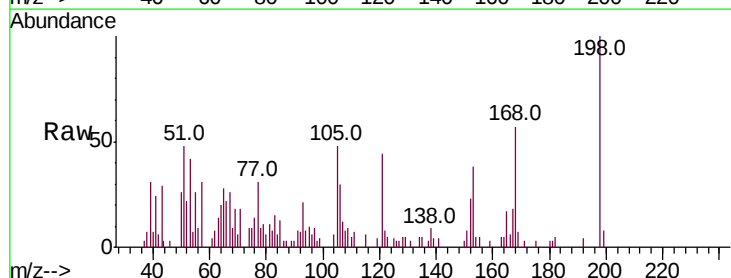
Manual Integrations
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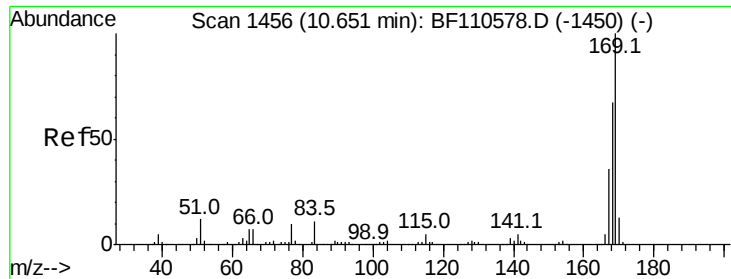
Sohil
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#65
4,6-Dinitro-2-methylphenol
Concen: 10.993 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	11220		
51	48.2		22.8	62.8
105	48.3		23.6	63.6





#66

n-Nitrosodiphenylamine

Concen: 39.290 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

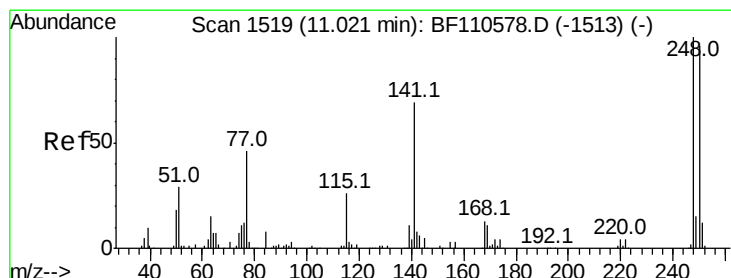
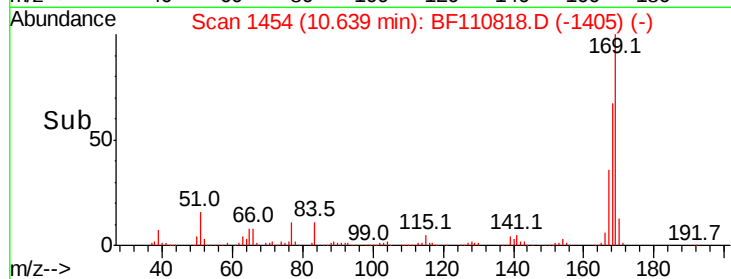
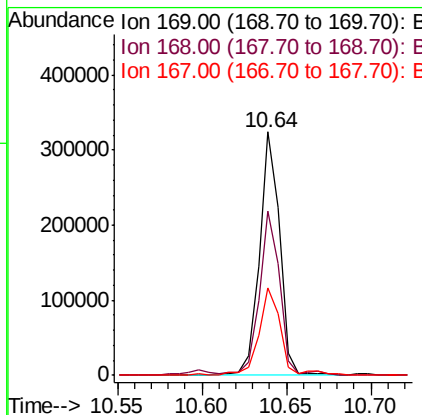
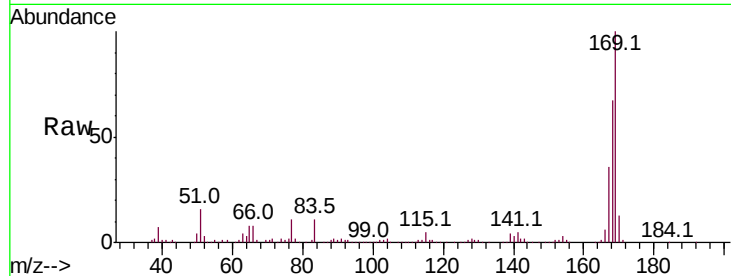
ClientSampleId :

VTW-01(7-10)MS

Tot Ion:	169	Resp:	268203
Ion Ratio	Lower	Upper	
169	100		
168	67.3	51.2	76.8
167	35.8	27.8	41.6

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#67

4-Bromophenyl-phenylether

Concen: 36.767 ng

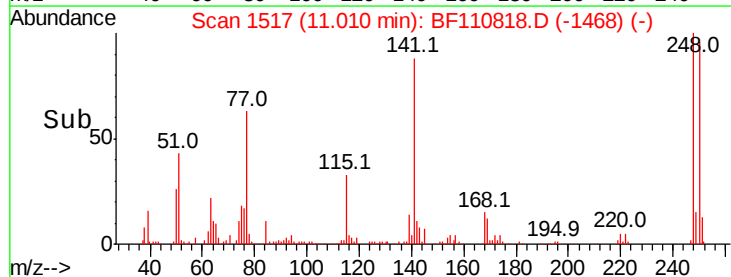
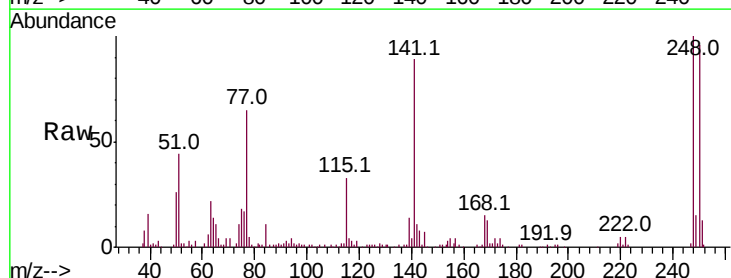
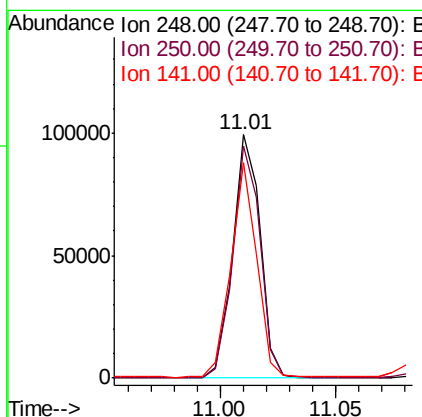
RT: 11.01 min Scan# 1517

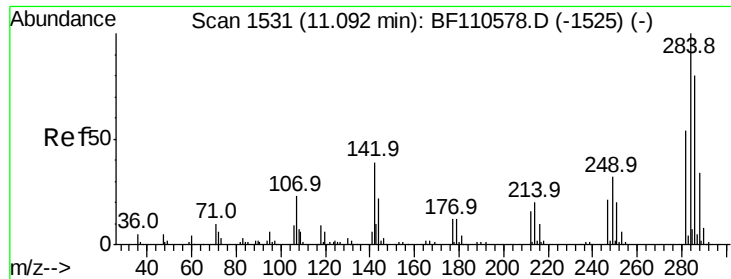
Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:	248	Resp:	82293
Ion Ratio	Lower	Upper	
248	100		
250	95.6	79.4	119.2
141	88.7	55.9	83.9#





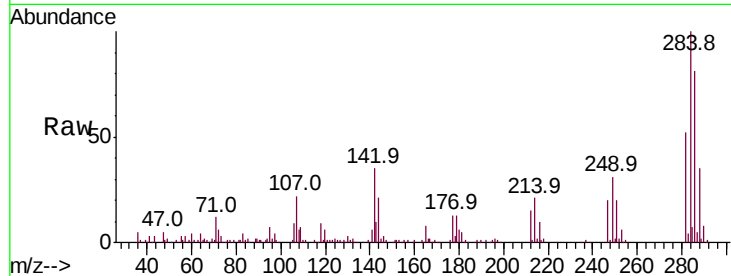
#68
Hexachlorobenzene
Concen: 34.884 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

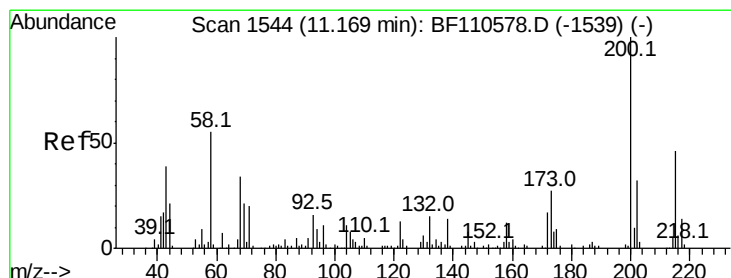
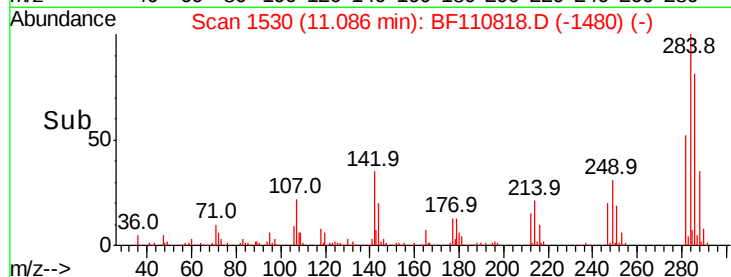
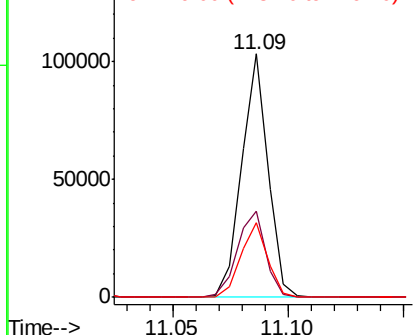
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.2	23.9	35.9	
249	30.7	24.2	36.2	

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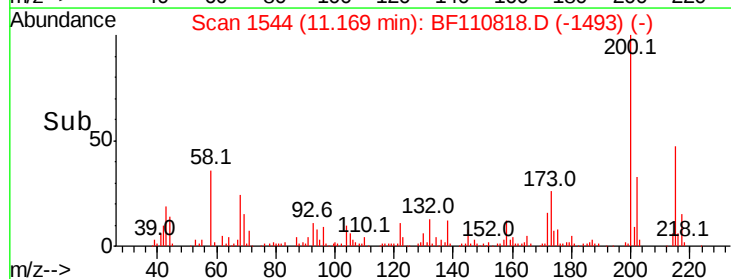
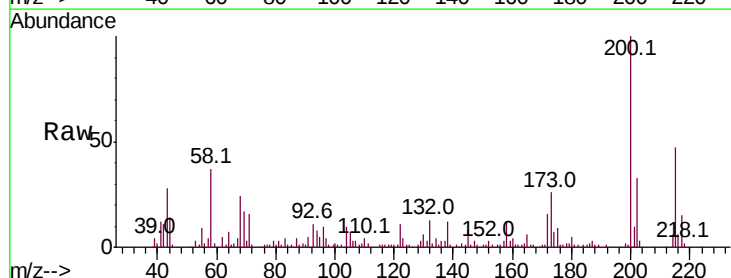
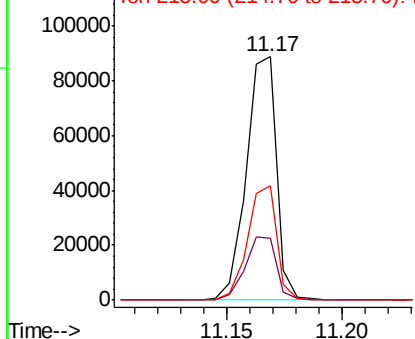
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

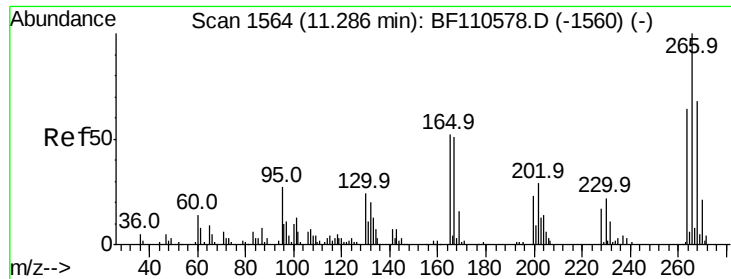


#69
Atrazine
Concen: 38.885 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	6.6	46.6	
215	46.9	26.3	66.3	

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





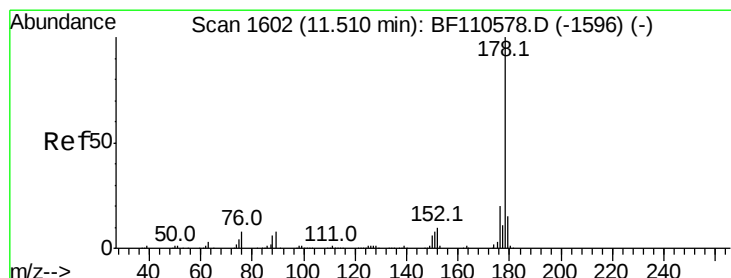
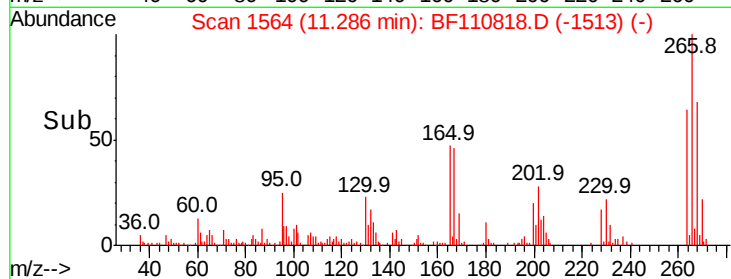
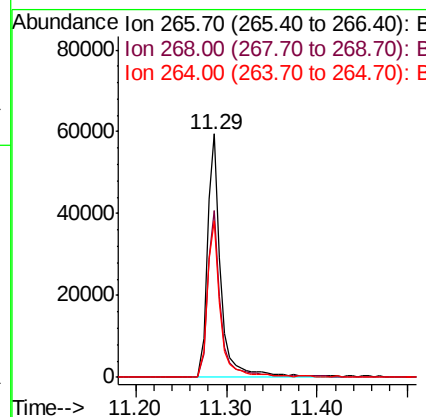
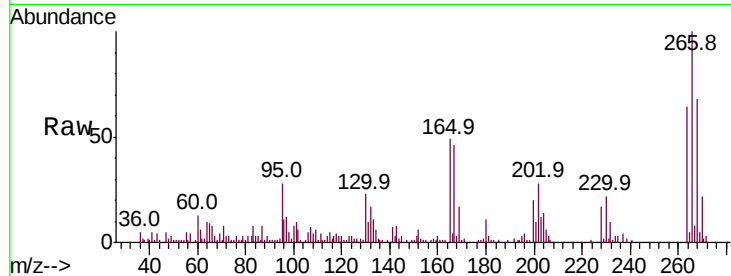
#70
 Pentachlorophenol
 Concen: 49.489 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	62315		
268	68.3		50.6	75.8
264	64.1		50.6	75.8

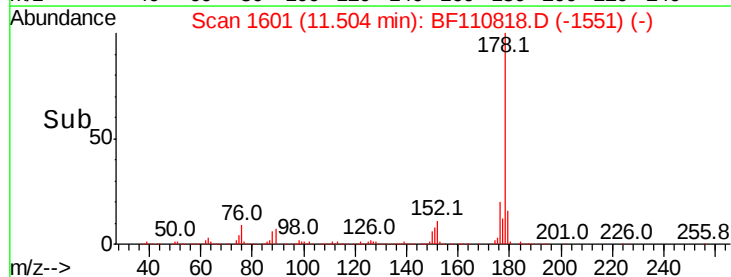
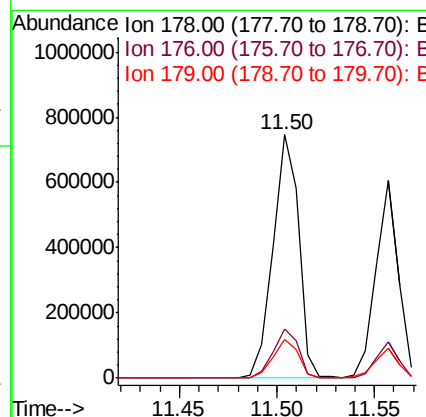
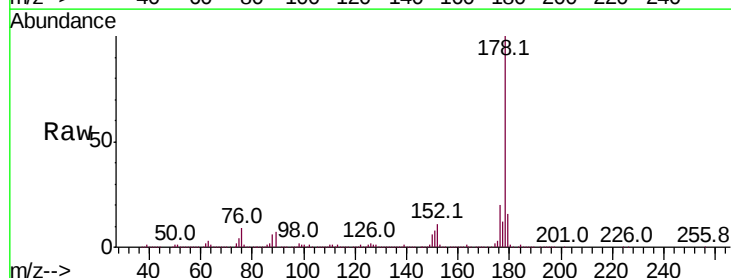
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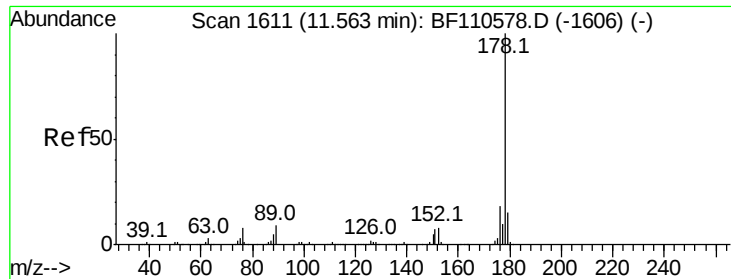
Sohil
 11/19/2018 11:55:48 AM



#71
 Phenanthrene
 Concen: 62.656 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	679824		
176	20.1		15.5	23.3
179	15.9		12.5	18.7





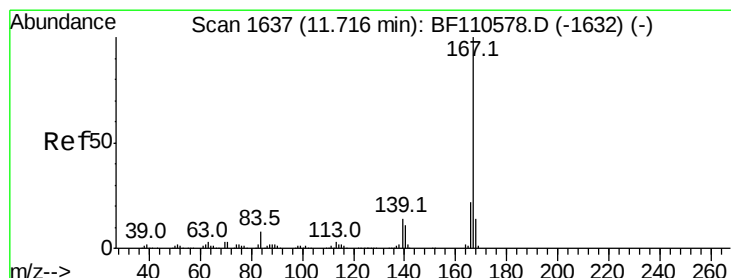
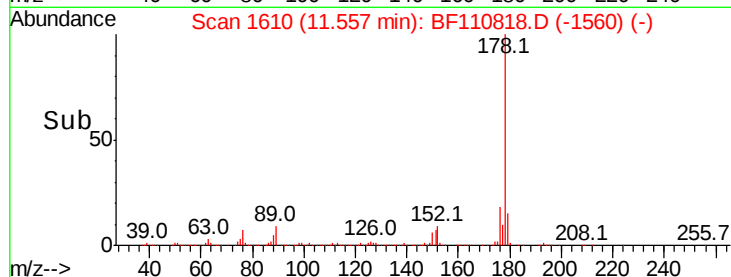
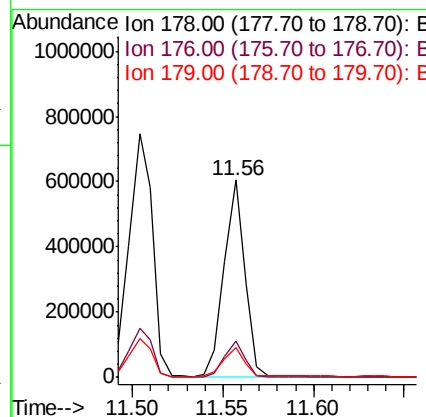
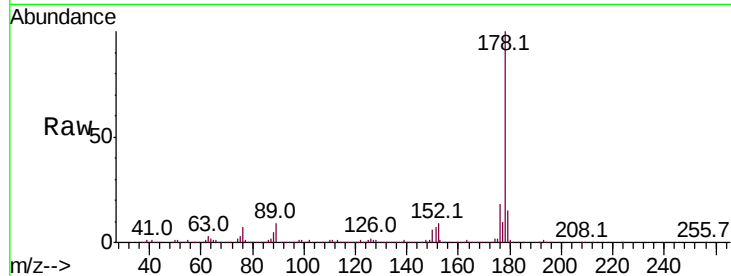
#72
 Anthracene
 Concen: 44.449 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.4	12.6	18.8

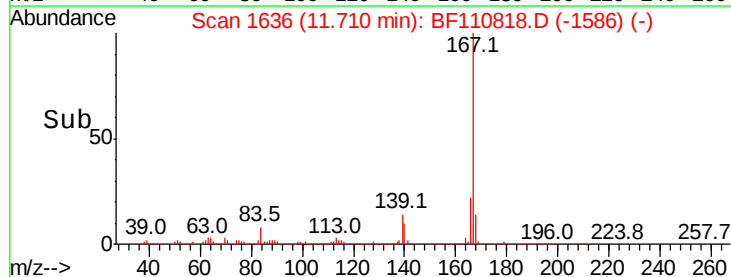
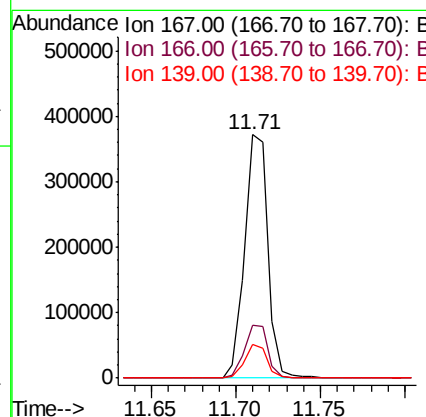
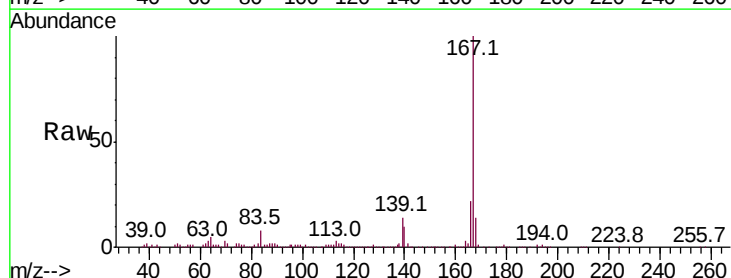
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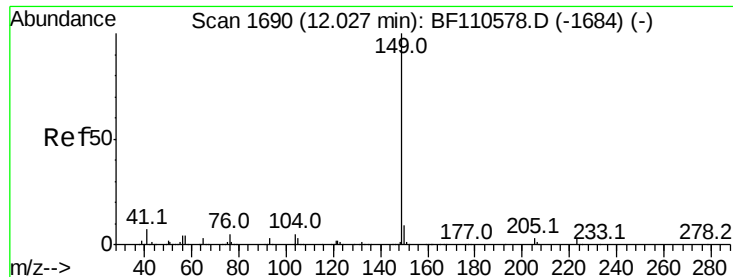
Sohil
 11/19/2018 11:55:48 AM



#73
 Carbazole
 Concen: 33.834 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.8	10.9	16.3





#74

Di-n-butylphthalate

Concen: 37.283 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

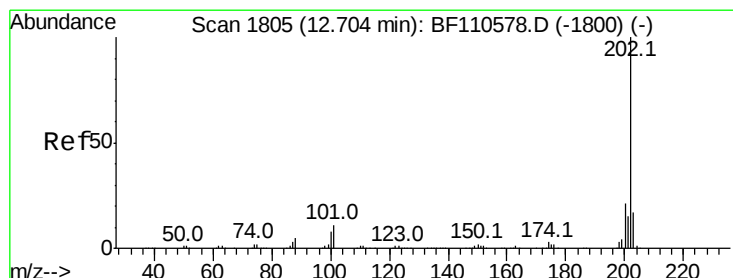
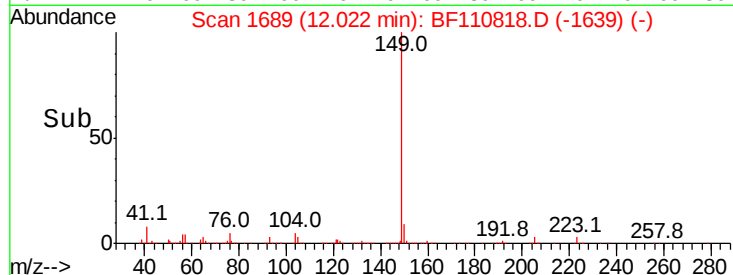
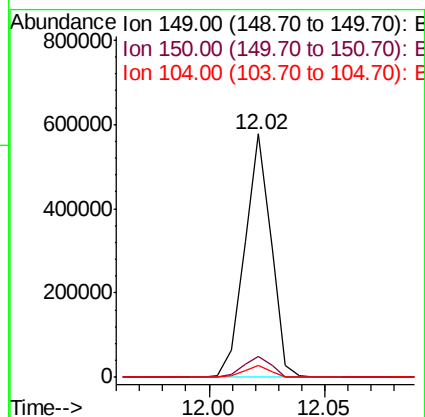
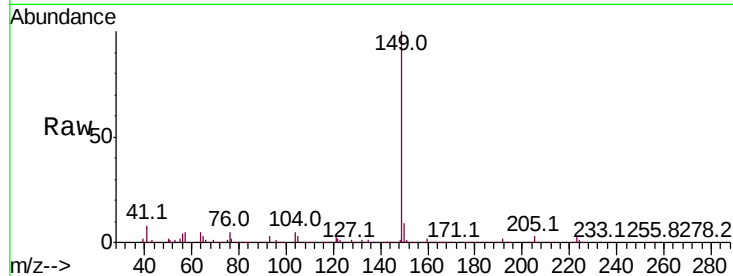
ClientSampleId :

VTW-01(7-10)MS

Tot Ion:	149	Resp:	459561
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.7	11.5
104	5.0	4.2	6.4

Manual Integrations
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#75

Fluoranthene

Concen: 62.815 ng

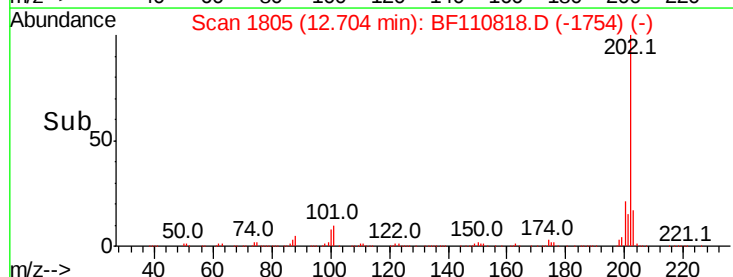
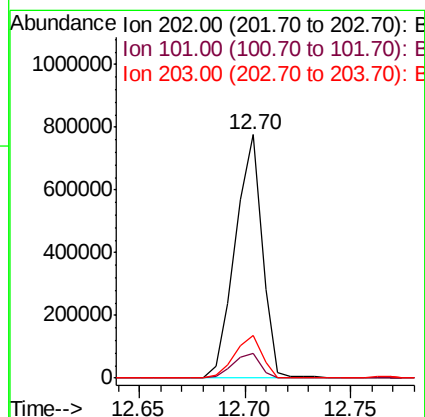
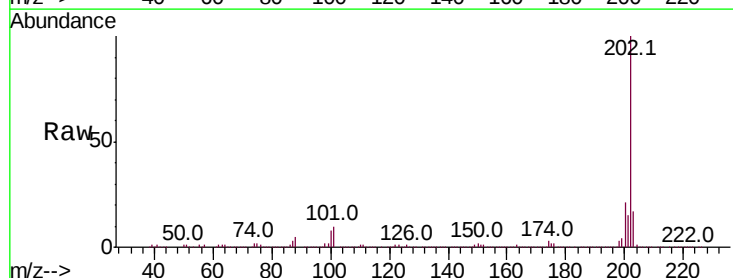
RT: 12.70 min Scan# 1805

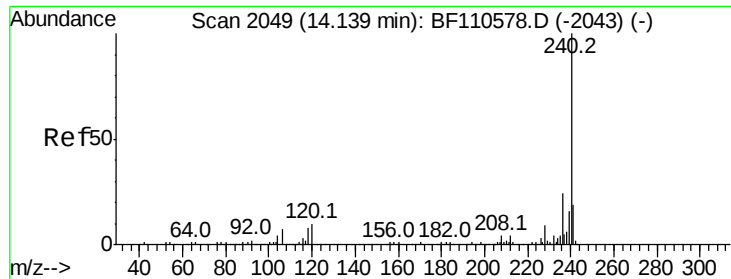
Delta R.T. 0.00 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Tgt Ion:	202	Resp:	683294
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.4
203	17.4	0.0	37.7





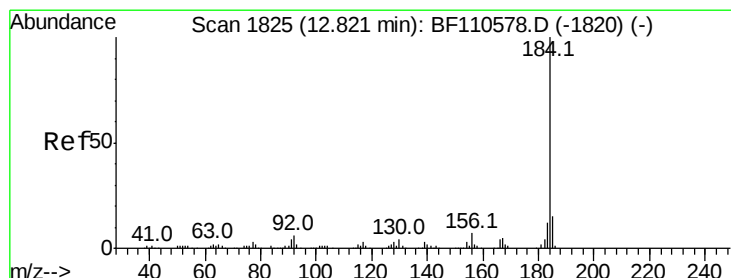
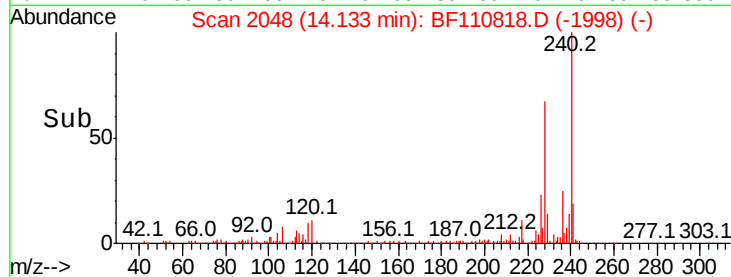
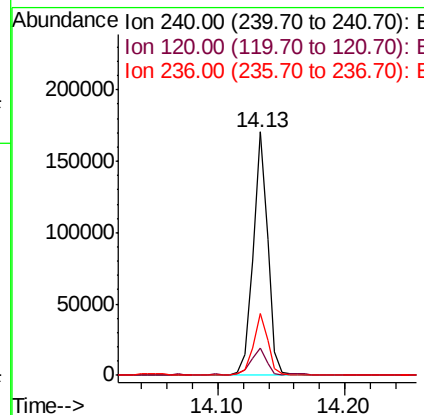
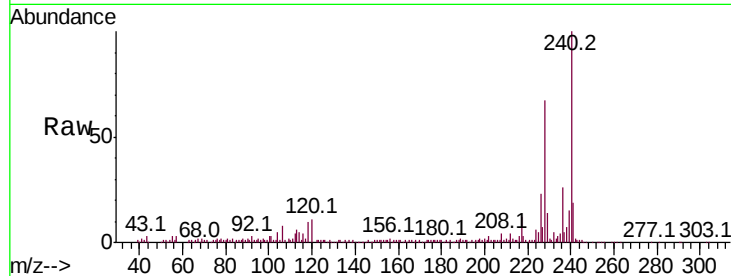
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.5	21.2	31.8

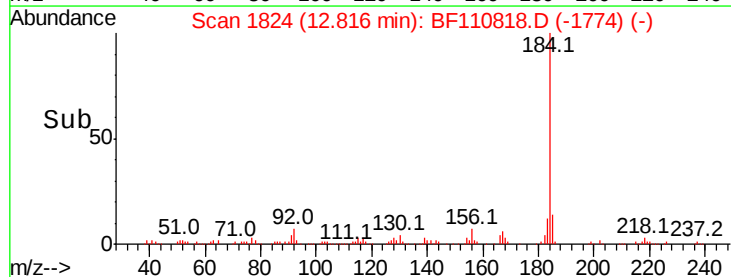
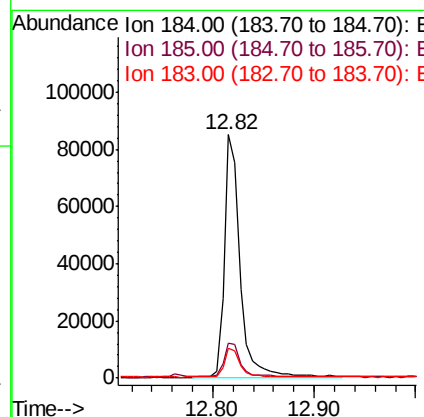
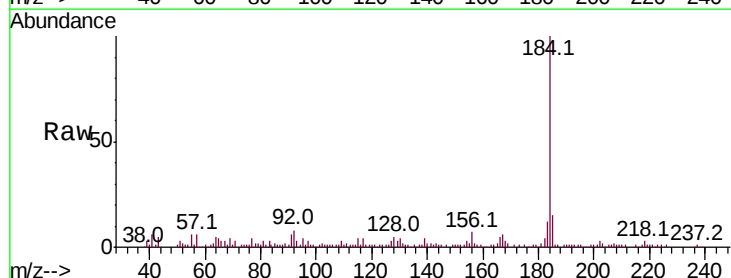
Manual Integrations
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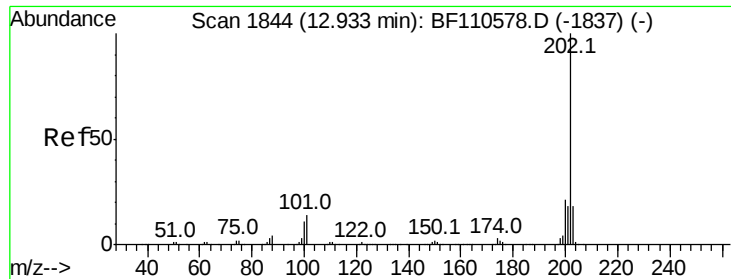
Sohil
 11/19/2018 11:55:48 AM



#77
 Benzidine
 Concen: 24.618 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	12.2	9.4	14.2





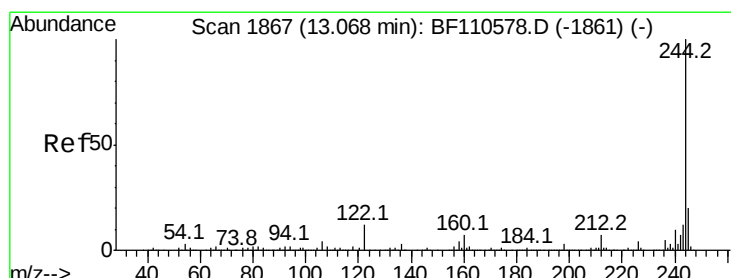
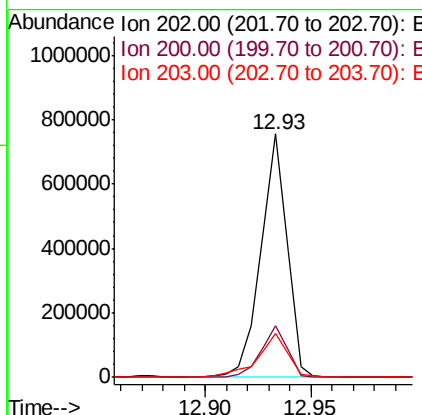
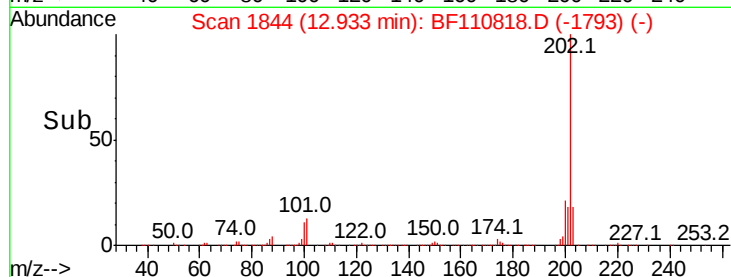
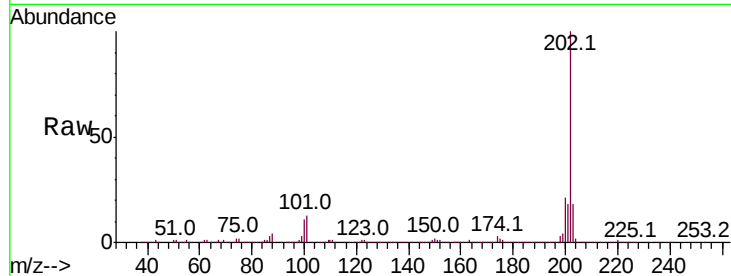
#78
Pvrene
Concen: 62.076 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.0	14.2	21.4

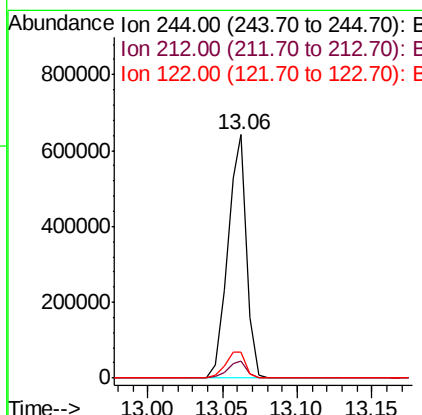
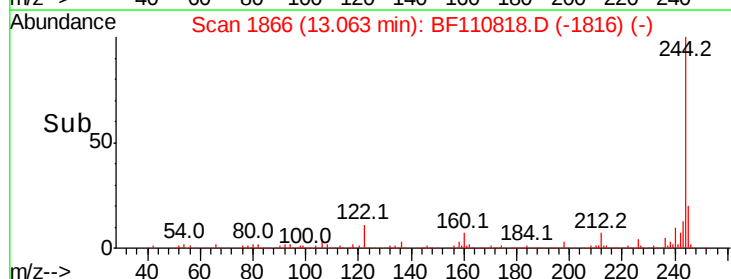
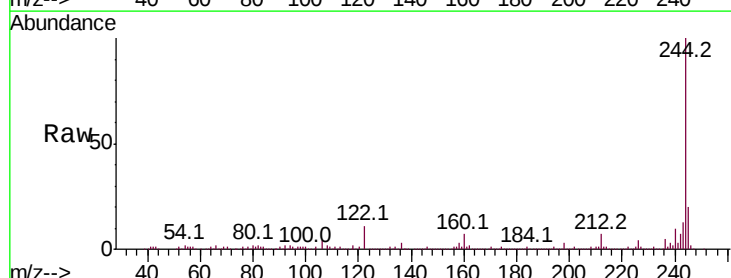
Manual Integrations
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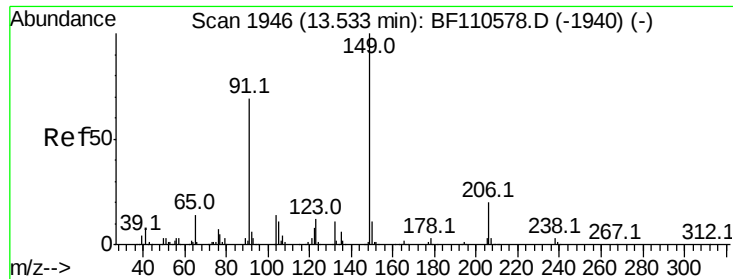
Sohil
11/19/2018 11:55:48 AM



#79
Terphenyl-d14
Concen: 77.894 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.6	8.7	13.1





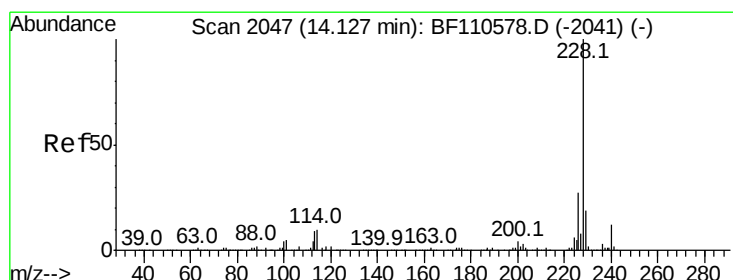
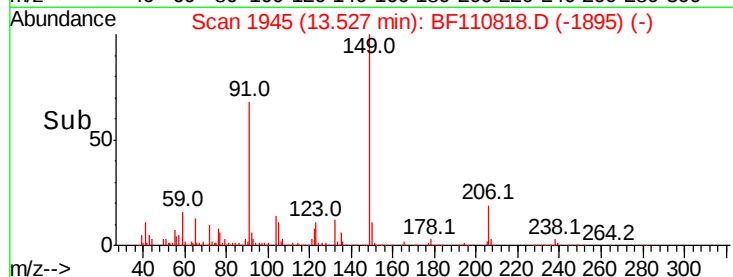
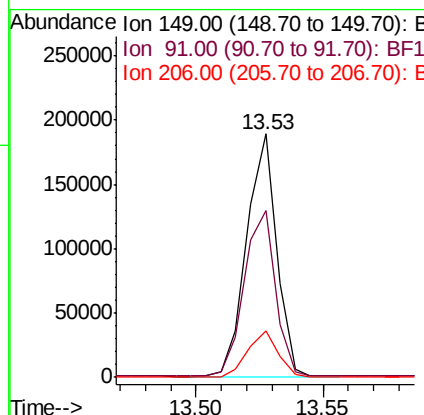
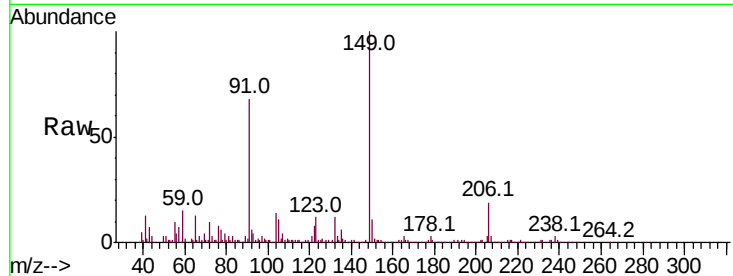
#80
Butylbenzylphthalate
Concen: 34.159 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	57.2	85.8
206	19.2	15.7	23.5

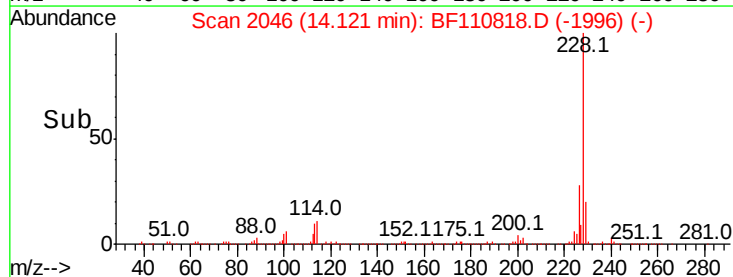
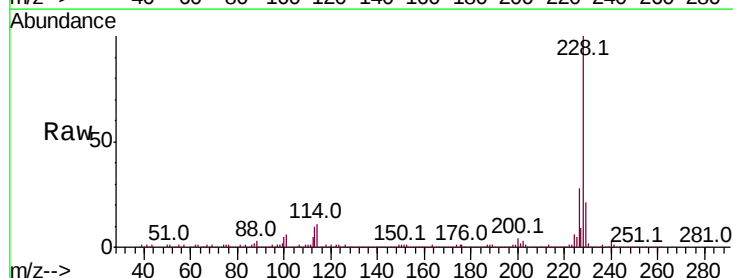
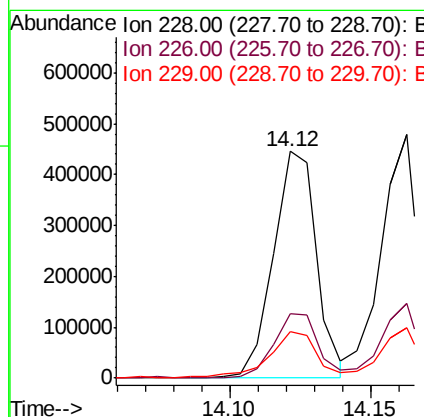
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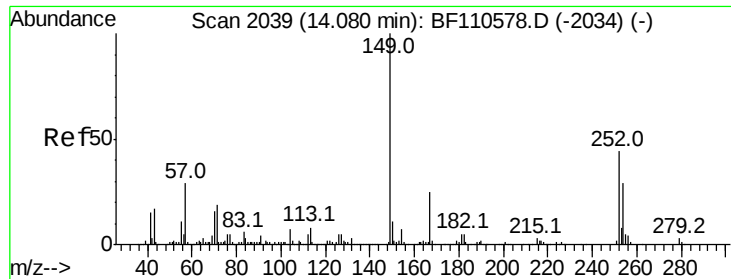
Sohil
11/19/2018 11:55:48 AM



#81
Benzo(a)anthracene
Concen: 57.370 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.6	23.4





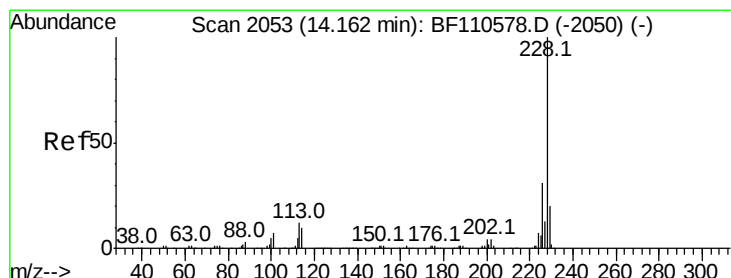
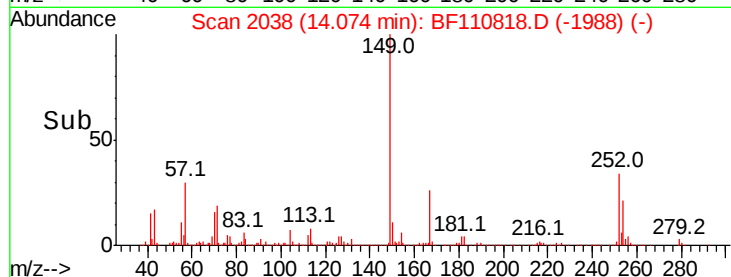
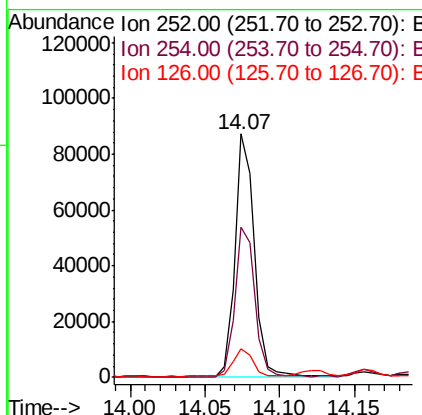
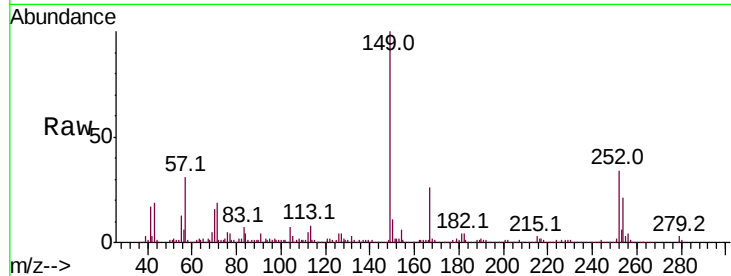
#82
3,3'-Dichlorobenzidine
Concen: 29.441 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.3	76.9
126	11.8	9.4	14.2

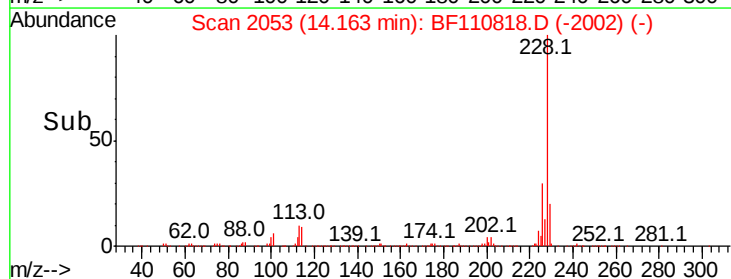
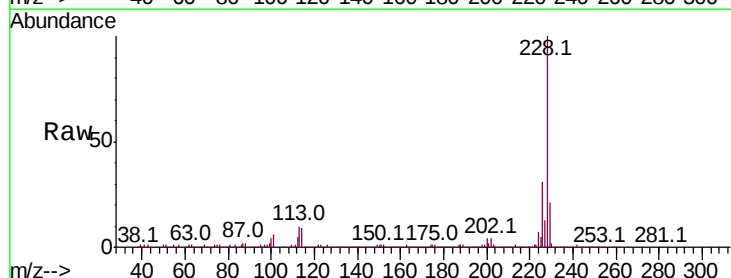
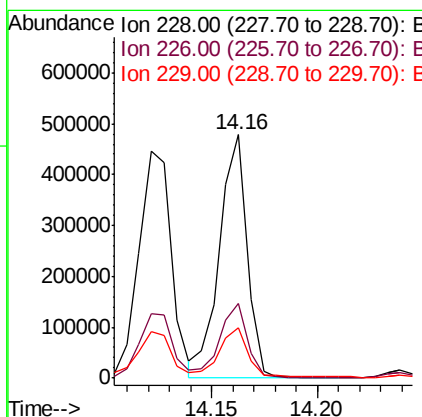
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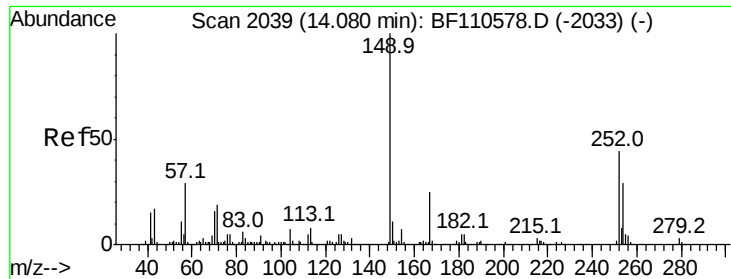
Sohil
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#83
Chrysene
Concen: 55.406 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.7	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.801 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110818.D

Acq: 16 Nov 2018 15:58

Instrument :

BNA_F

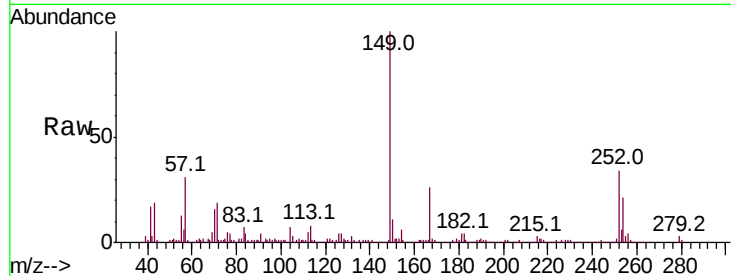
ClientSampleId :

VTW-01(7-10)MS

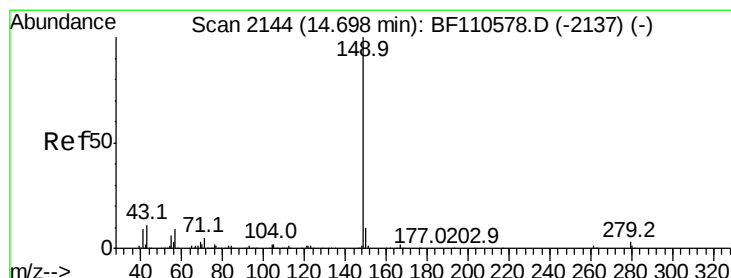
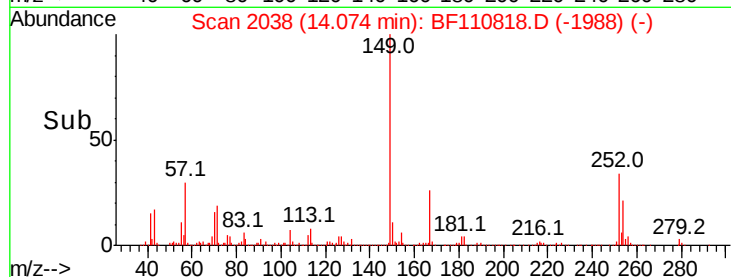
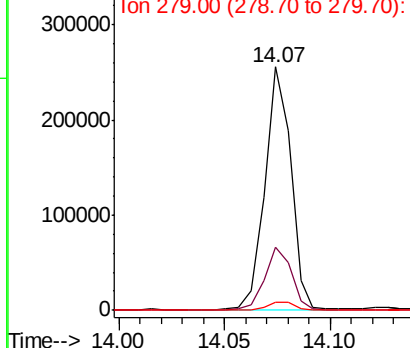
Tot Ion:	149	Resp:	218663
Ion Ratio	Lower	Upper	
149	100		
167	25.7	19.8	29.8
279	3.4	2.7	4.1

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.279 ng

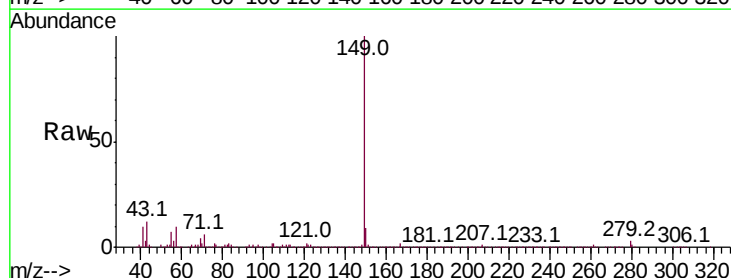
RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

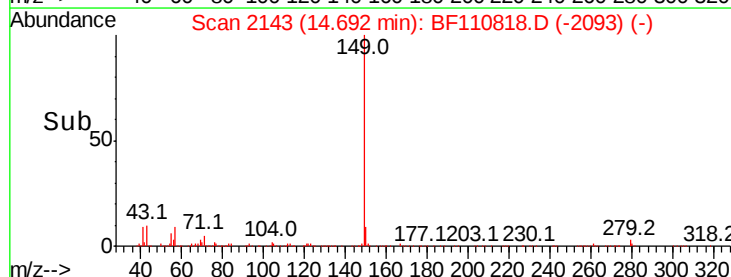
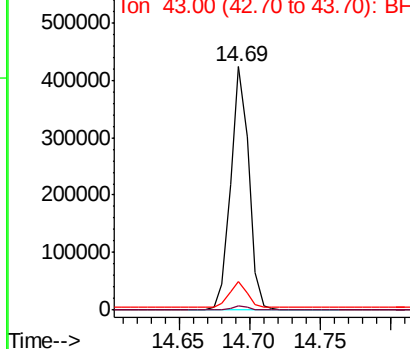
Lab File: BF110818.D

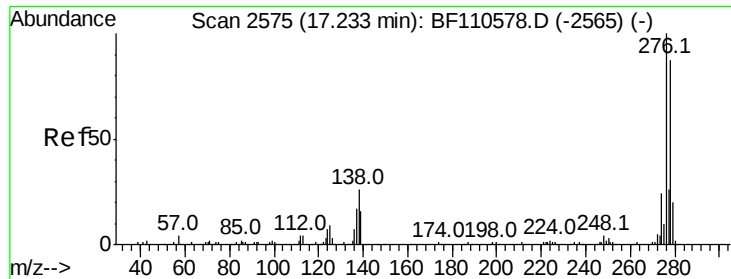
Acq: 16 Nov 2018 15:58

Tgt Ion:	149	Resp:	375236
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.6	7.8	11.8



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





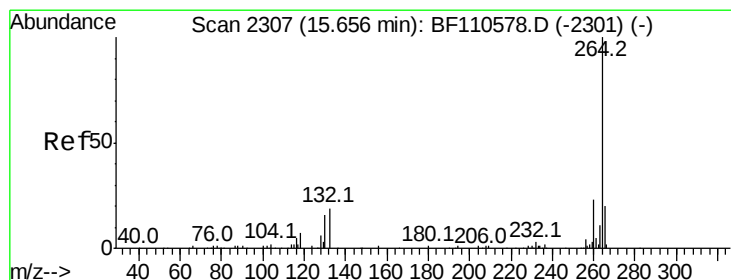
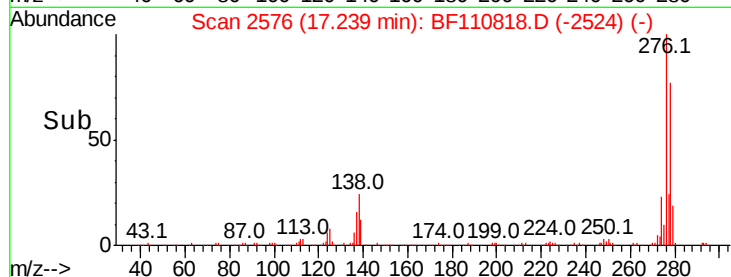
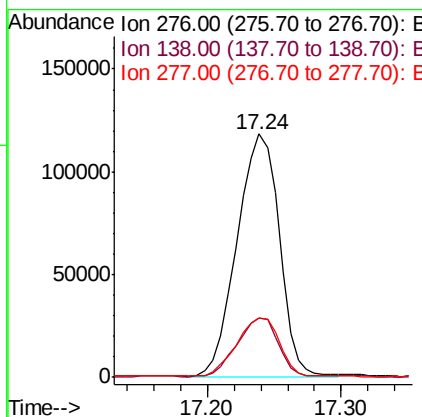
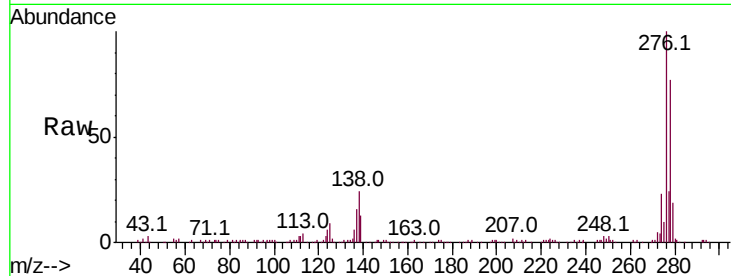
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.197 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	24.7	20.0	30.0

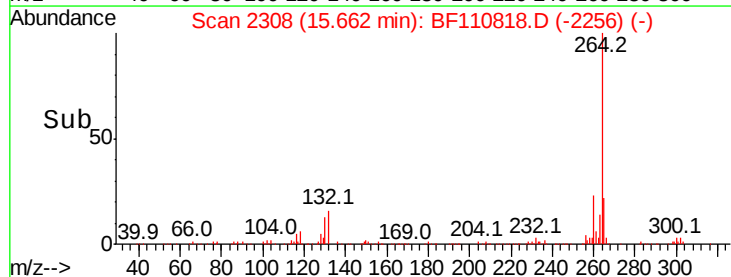
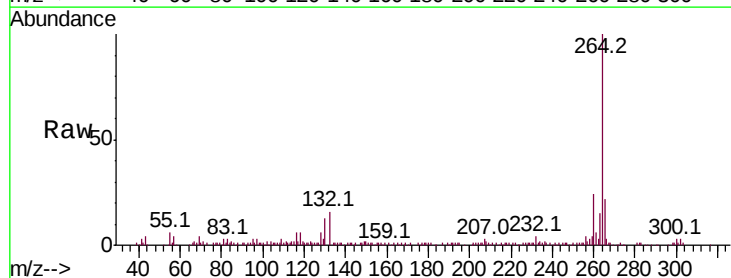
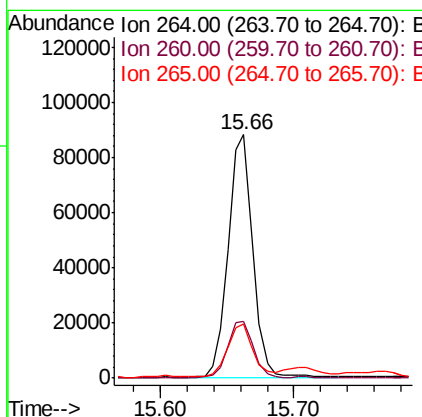
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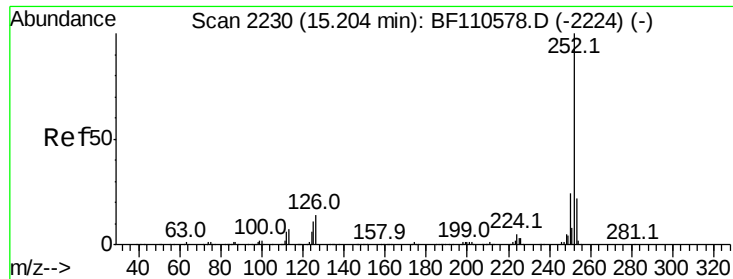
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	16.7	25.1





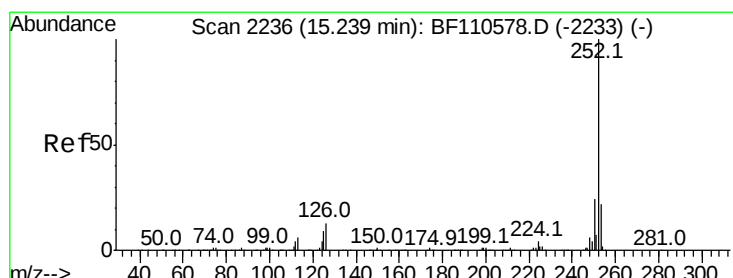
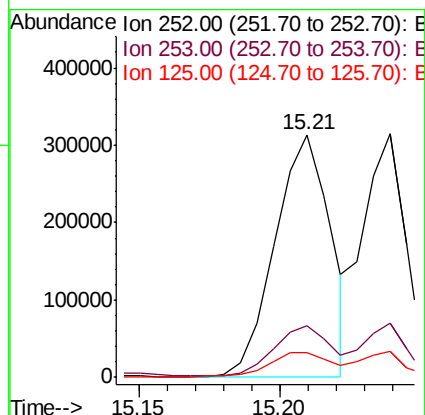
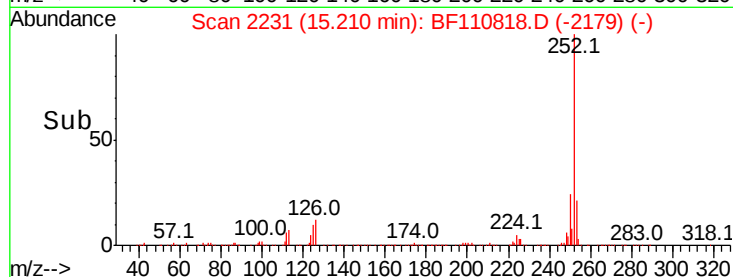
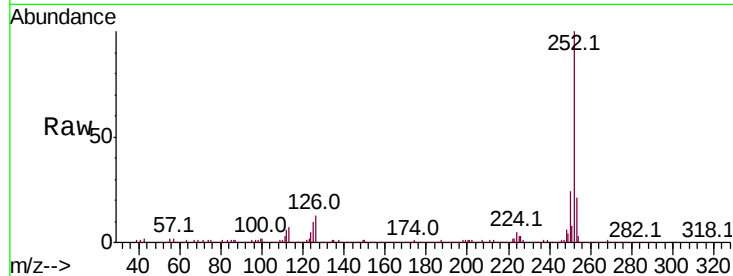
#88
Benzo(b)fluoranthene
Concen: 61.158 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.3	8.2	12.4

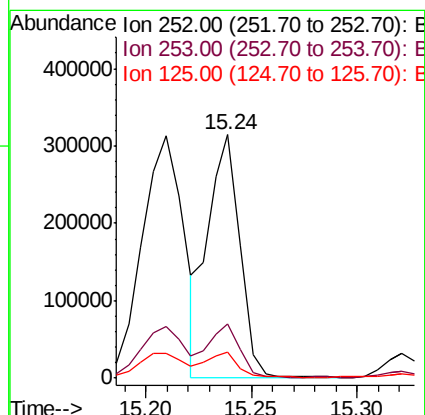
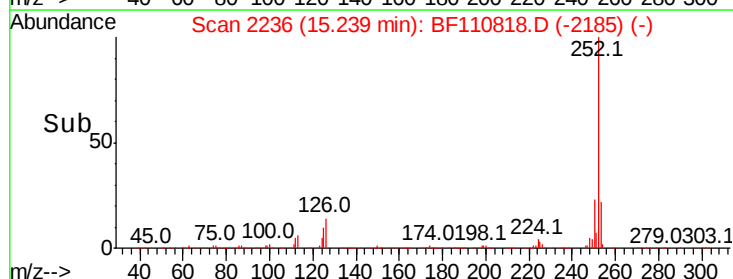
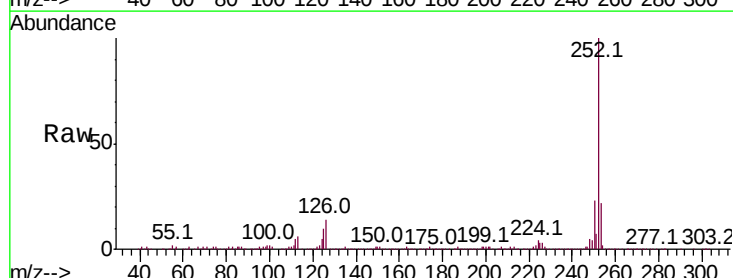
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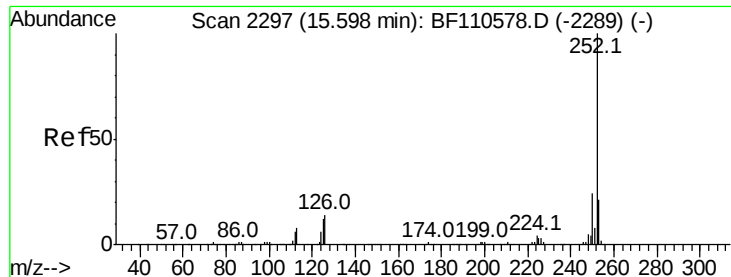
Sohil
11/19/2018 11:55:48 AM



#89
Benzo(k)fluoranthene
Concen: 48.088 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.5	7.4	11.0





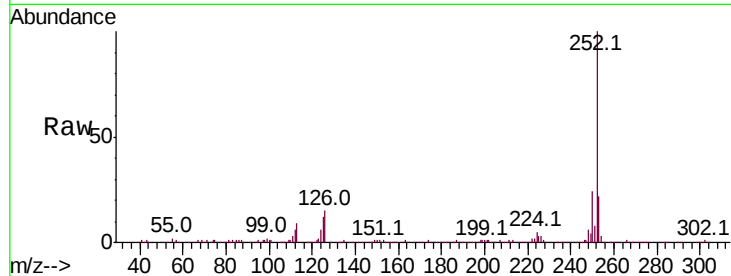
#90
Benzo(a)pyrene
Concen: 57.553 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Instrument :
BNA_F
ClientSampleId :
VTW-01(7-10)MS

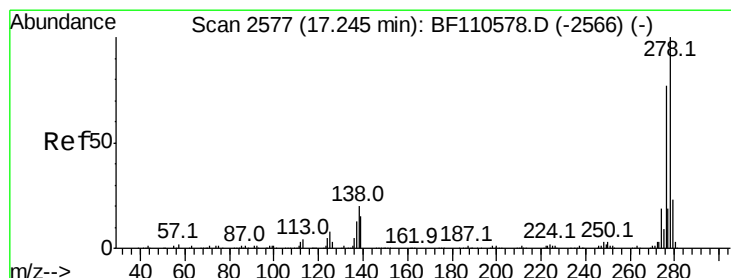
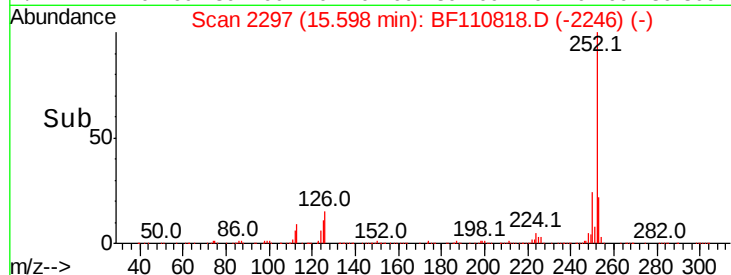
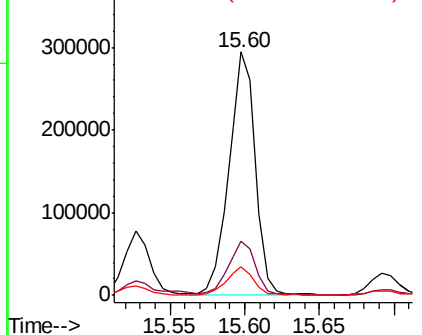
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.8	9.0	13.6

Manual Integrations
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11/19/2018 11:55:48 AM



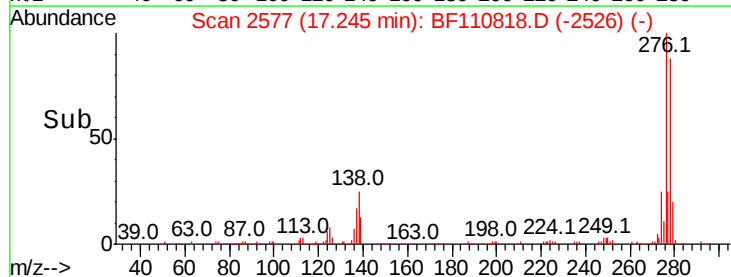
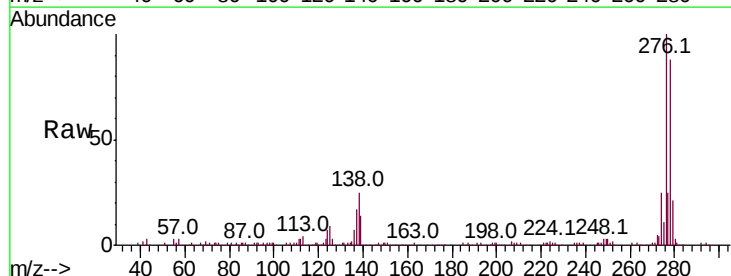
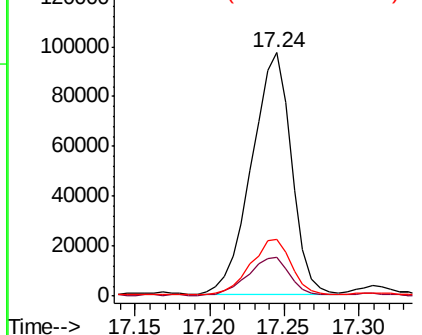
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

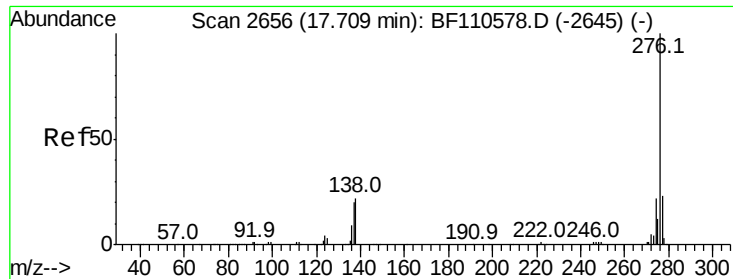


#91
Dibenzo(a,h)anthracene
Concen: 33.673 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110818.D
Acq: 16 Nov 2018 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





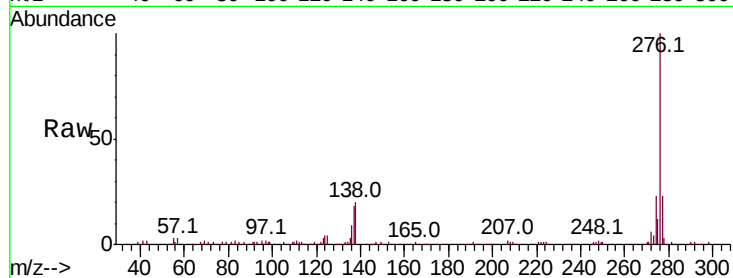
#92
 Benzo(a,h,i)perylene
 Concen: 40.607 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.01 min
 Lab File: BF110818.D
 Acq: 16 Nov 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 VTW-01(7-10)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	19.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:55:48 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

