

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119605.D
 Acq On : 28 Mar 2020 9:08
 Operator : CG/JU
 Sample : L2053-04MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Manual Integrations
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mohammad
 3/31/2020 8:14:03 AM

Quant Time: Mar 29 23:34:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	280180	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1029993	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	526606	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1010319	20.00	ng	0.00
76) Chrysene-d12	14.01	240	638461	20.00	ng	0.00
87) Perylene-d12	15.47	264	533386	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2392214	135.92	ng	0.02
7) Phenol-d6	6.46	99	2712623	120.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	2053276	108.34	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	869585	160.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3461015	97.37	ng	0.00
79) Terphenyl-d14	12.96	244	3832439	117.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	374402	43.071	ng	# 83
3) Pyridine	3.48	79	730470	30.503	ng	93
4) n-Nitrosodimethylamine	3.42	42	539220	46.173	ng	94
6) Aniline	6.49	93	562237	18.119	ng	99
8) 2-Chlorophenol	6.62	128	1051937	56.907	ng	99
9) Benzaldehyde	6.39	77	432615	30.332	ng	97
10) Phenol	6.48	94	1128748	47.051	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	1033454	53.862	ng	97
12) 1,3-Dichlorobenzene	6.77	146	982422	49.105	ng	96
13) 1,4-Dichlorobenzene	6.85	146	1005885	50.265	ng	98
14) 1,2-Dichlorobenzene	7.01	146	948952	50.733	ng	97
15) Benzyl Alcohol	6.97	79	892233	52.757	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1877346	48.508	ng	99
17) 2-Methylphenol	7.09	107	837627	49.456	ng	98
18) Hexachloroethane	7.35	117	376816	51.382	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	737182	54.398	ng	97
20) 3+4-Methylphenols	7.24	107	983997	47.406	ng	# 87
22) Acetophenone	7.25	105	1375530	55.890	ng	# 90
24) Nitrobenzene	7.42	77	1124924	55.542	ng	95
25) Isophorone	7.66	82	2088085	54.314	ng	99
26) 2-Nitrophenol	7.73	139	574870	72.087	ng	92
27) 2,4-Dimethylphenol	7.77	122	904642	54.861	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1300939	57.226	ng	99
29) 2,4-Dichlorophenol	7.97	162	829183	54.727	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	864911	51.618	ng	100
31) Naphthalene	8.14	128	2757053	52.015	ng	100
32) Benzoic acid	7.89	122	652418	61.508	ng	95
33) 4-Chloroaniline	8.19	127	331611	13.653	ng	95
34) Hexachlorobutadiene	8.26	225	480763	51.281	ng	99
35) Caprolactam	8.56	113	201960m	40.729	ng	
36) 4-Chloro-3-methylphenol	8.67	107	915954	55.312	ng	97
37) 2-Methylnaphthalene	8.83	142	1924826	55.333	ng	99
38) 1-Methylnaphthalene	8.93	142	1837184	55.797	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	805247	52.169	ng	99

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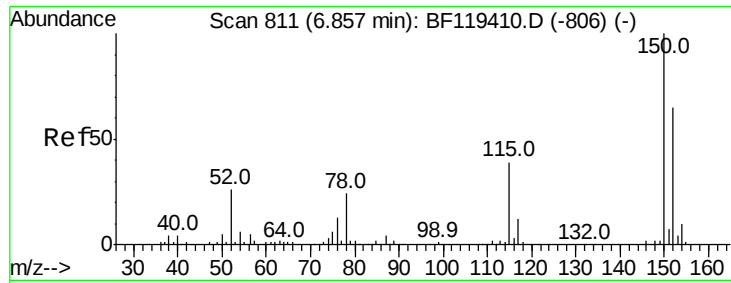
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	843360	96.108	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	621355	56.253	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	657338	53.123	nq	98
46) 1,1'-Biphenyl	9.30	154	2258686	52.663	nq	99
47) 2-Chloronaphthalene	9.33	162	1795610	53.448	nq	98
48) 2-Nitroaniline	9.42	65	688226	59.350	nq	94
49) Acenaphthylene	9.75	152	2811776	53.296	nq	100
50) Dimethylphthalate	9.61	163	2234546	59.739	nq	100
51) 2,6-Dinitrotoluene	9.66	165	492301	61.403	nq	89
52) Acenaphthene	9.92	154	1906940	57.980	nq	99
53) 3-Nitroaniline	9.83	138	259090	25.597	nq	98
54) 2,4-Dinitrophenol	9.94	184	403503	113.008	nq	97
55) Dibenzofuran	10.09	168	2522467	53.493	nq	98
56) 4-Nitrophenol	9.99	139	749052	93.808	nq	98
57) 2,4-Dinitrotoluene	10.07	165	649860	64.343	nq	98
58) Fluorene	10.43	166	1935912	55.516	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	533702	57.702	nq	99
60) Diethylphthalate	10.31	149	2116379	55.747	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	908145	53.256	nq	99
62) 4-Nitroaniline	10.45	138	507858	52.322	nq	99
63) Azobenzene	10.58	77	2078661	54.372	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	295544	69.761	nq	84
66) n-Nitrosodiphenylamine	10.55	169	1790711	53.990	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	603853	52.481	nq	98
68) Hexachlorobenzene	10.98	284	658111	55.884	nq	# 91
69) Atrazine	11.07	200	543078	59.726	nq	99
70) Pentachlorophenol	11.17	266	714172	103.426	nq	97
71) Phenanthrene	11.39	178	2785543	53.172	nq	99
72) Anthracene	11.45	178	2848397	53.497	nq	99
73) Carbazole	11.60	167	2696303	51.162	nq	99
74) Di-n-butylphthalate	11.93	149	3148067	55.841	nq	99
75) Fluoranthene	12.58	202	2991015	52.755	nq	99
77) Benzidine	12.70	184	913685	33.815	nq	98
78) Pyrene	12.81	202	2960637	56.503	nq	100
80) Butylbenzylphthalate	13.43	149	1325831	62.561	nq	98
81) Benzo(a)anthracene	14.00	228	2120840	51.082	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	408145	24.932	nq	98
83) Chrysene	14.04	228	2230487	52.055	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1647802	65.225	nq	98
85) Di-n-octyl phthalate	14.60	149	2608807	58.716	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2017001	49.982	nq	100
88) Benzo(b)fluoranthene	15.04	252	2057480	57.746	nq	98
89) Benzo(k)fluoranthene	15.08	252	1762629	51.953	nq	99
90) Benzo(a)pyrene	15.41	252	1725220	53.280	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	1636772	57.792	nq	99
92) Benzo(g,h,i)perylene	17.38	276	1705754	59.950	nq	97

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



#1

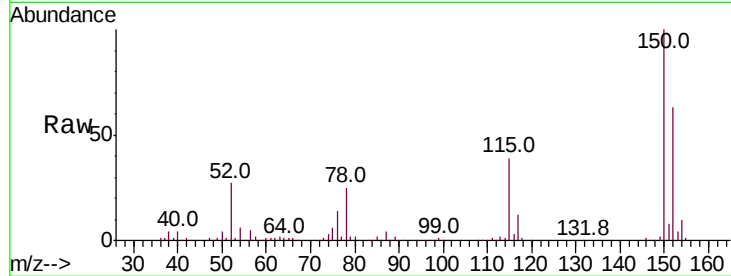
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.5	186.7
115	61.3	49.6	74.4

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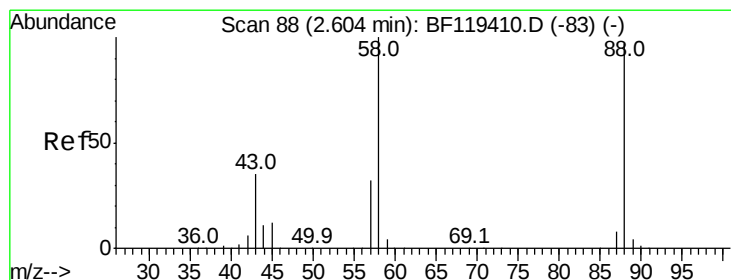
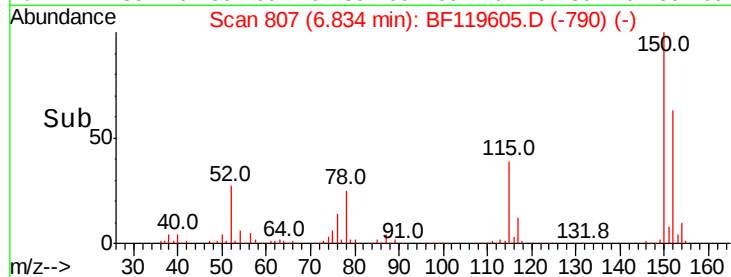
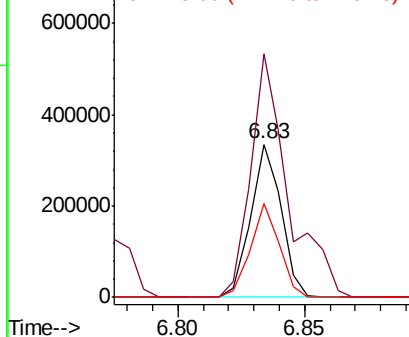


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

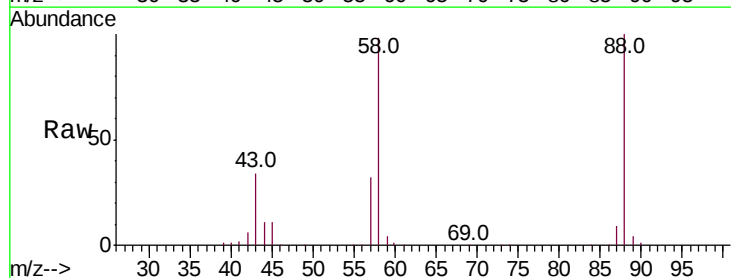
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.071 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.24 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	80.6	121.0
43	0.0	27.5	41.3

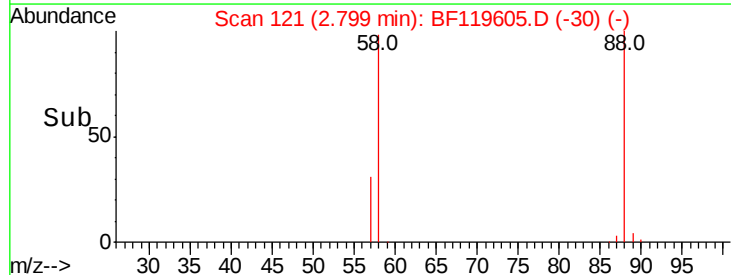
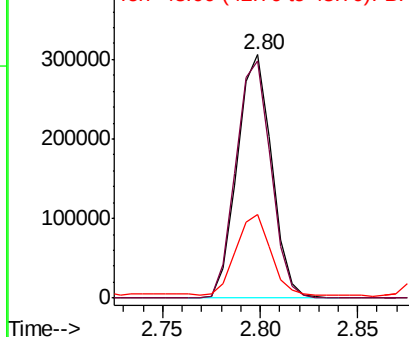


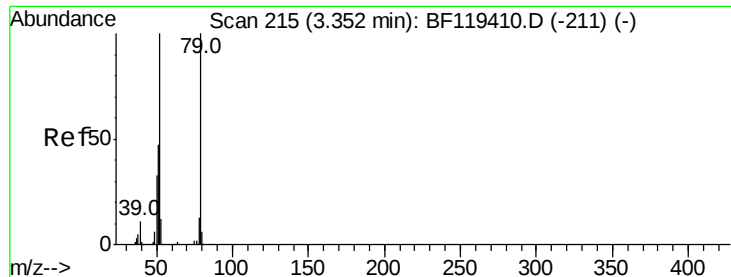
Abundance

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: 30.503 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.18 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

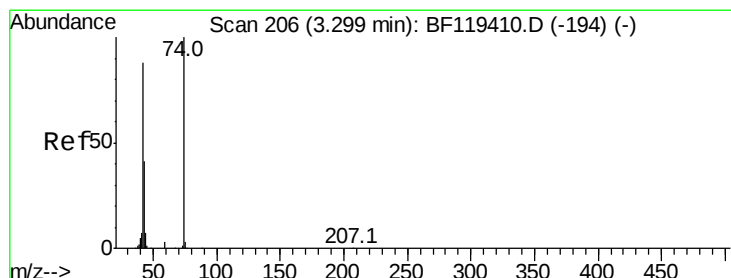
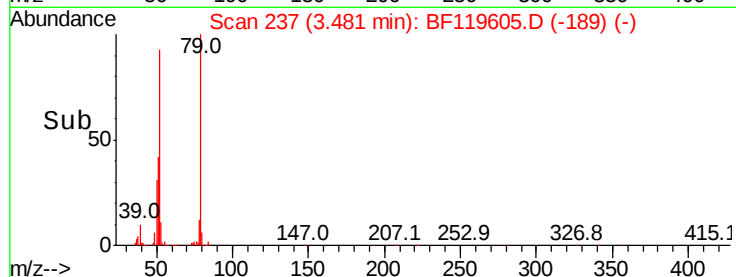
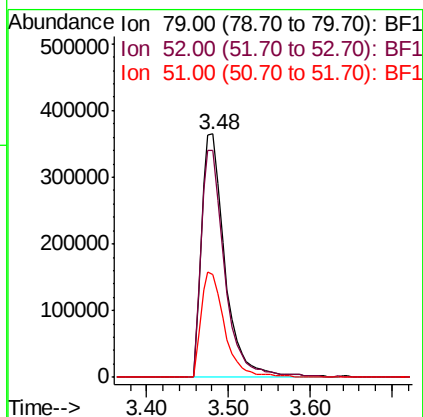
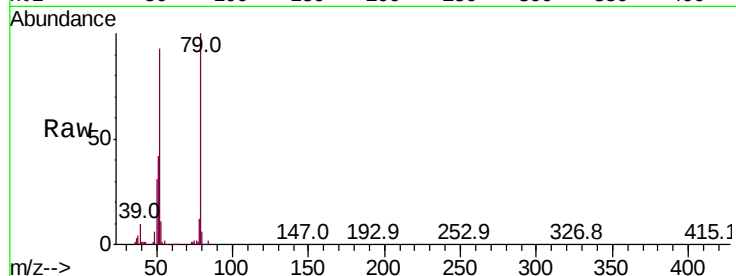
ClientSampleId :

TP-13-SAMSD

Tot Ion:	79	Resp:	730470
Ion Ratio	Lower	Upper	
79	100		
52	93.1	80.2	120.2
51	42.1	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 46.173 ng

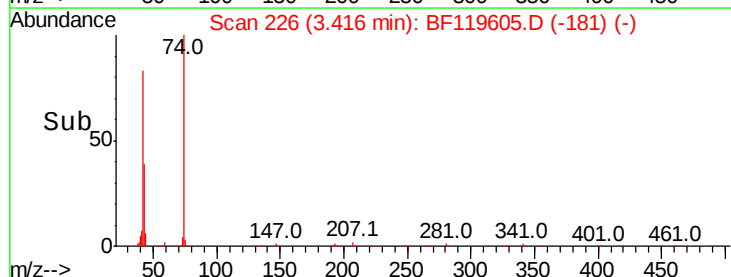
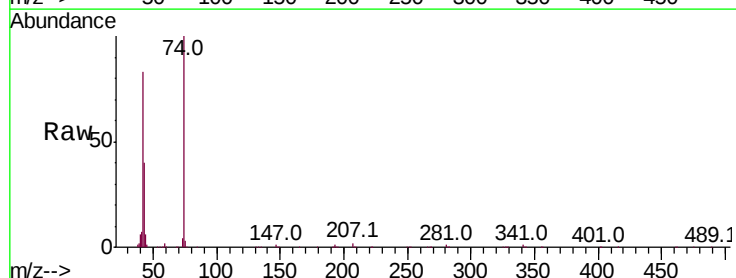
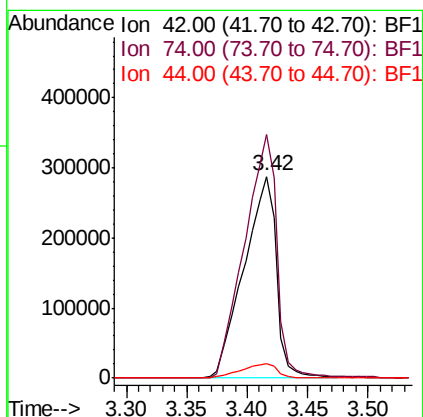
RT: 3.42 min Scan# 226

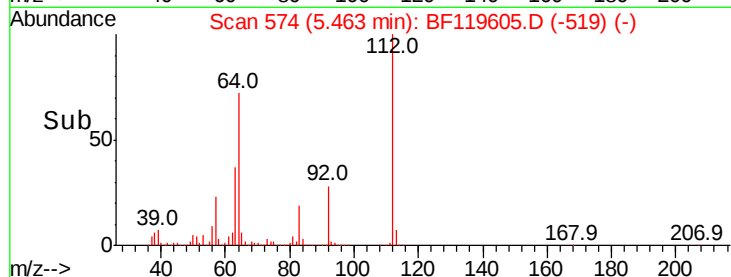
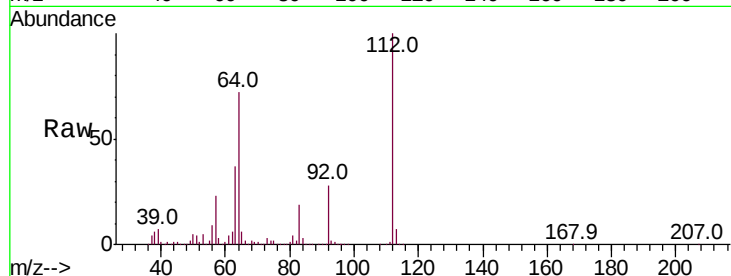
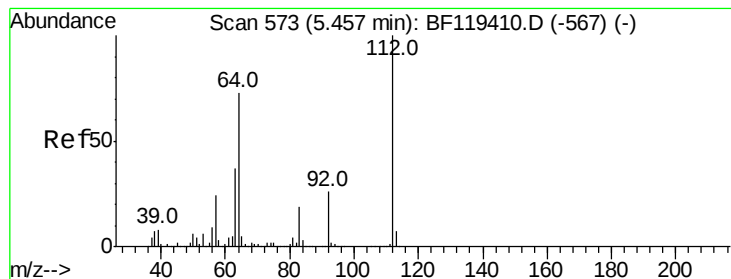
Delta R.T. 0.16 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	42	Resp:	539220
Ion Ratio	Lower	Upper	
42	100		
74	120.7	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 135.919 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tot Ion:	112	Resp:	2392214
Ion	Ratio	Lower	Upper
112	100		
64	72.2	56.7	85.1
63	37.2	29.5	44.3

Instrument :

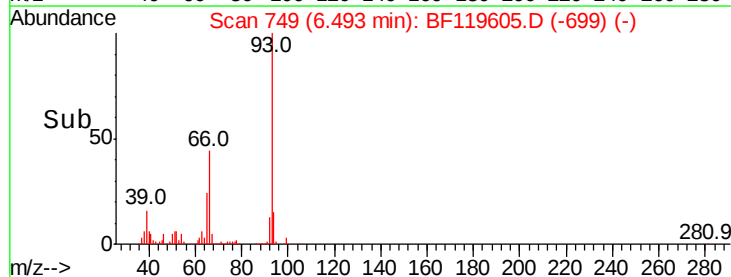
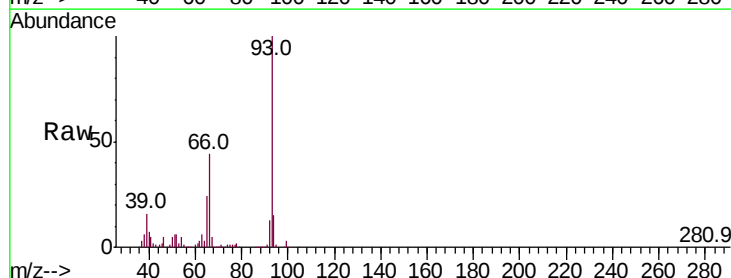
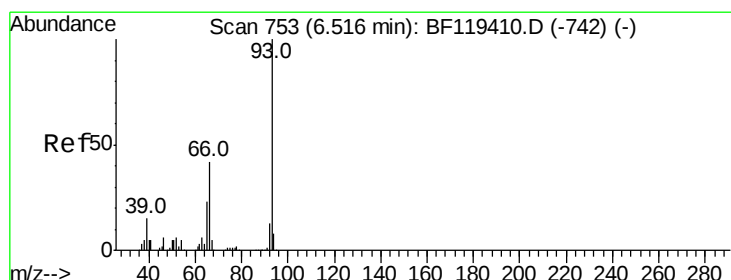
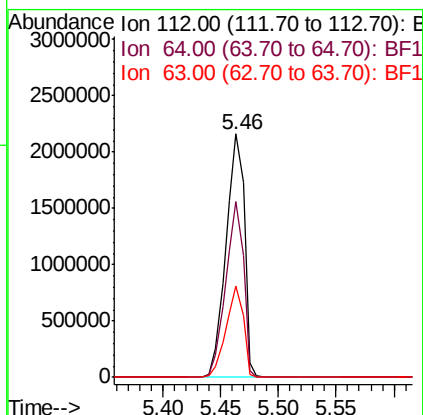
BNA_F

ClientSampleId :

TP-13-SAMSD

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#6

Aniline

Concen: 18.119 ng

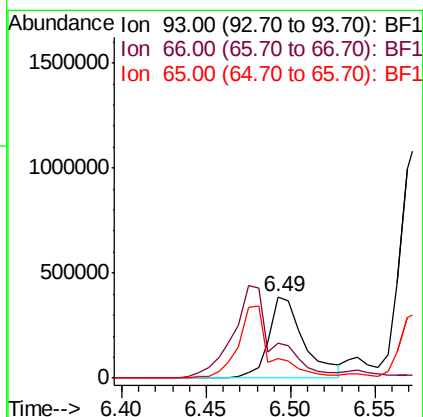
RT: 6.49 min Scan# 749

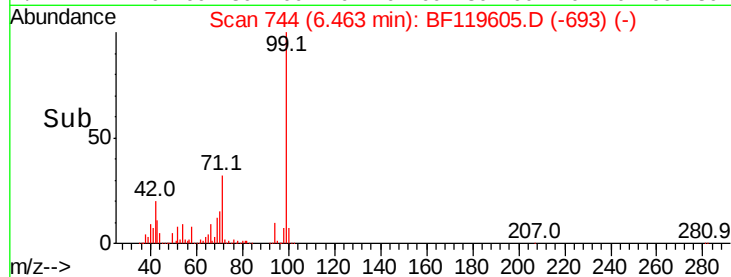
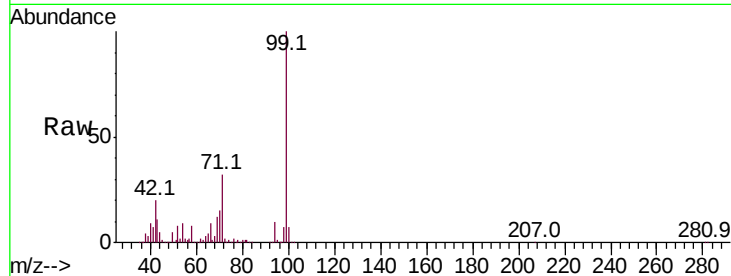
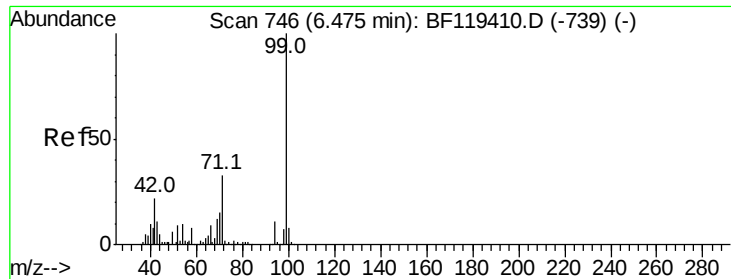
Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	93	Resp:	562237
Ion	Ratio	Lower	Upper
93	100		
66	43.9	34.9	52.3
65	24.0	18.6	27.8





#7

Phenol-d6

Concen: 120.651 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tot Ion: 99 Resp: 2712623

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 32.3 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

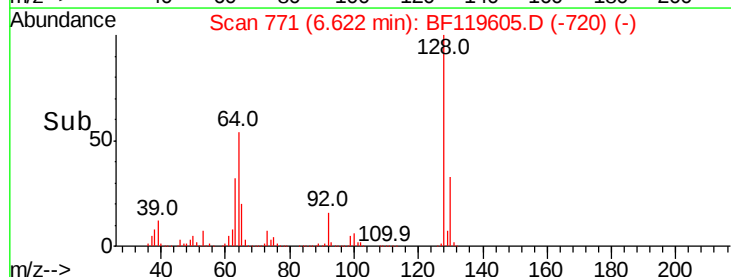
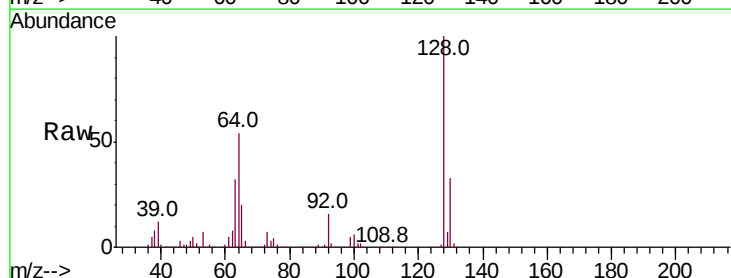
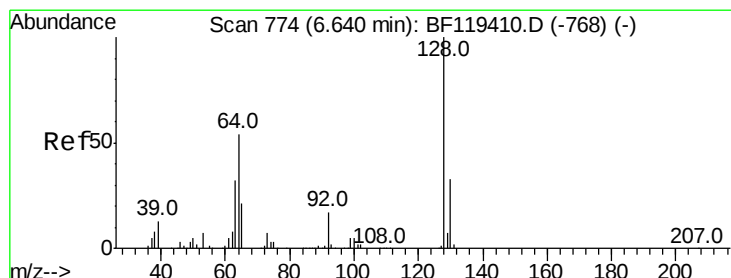
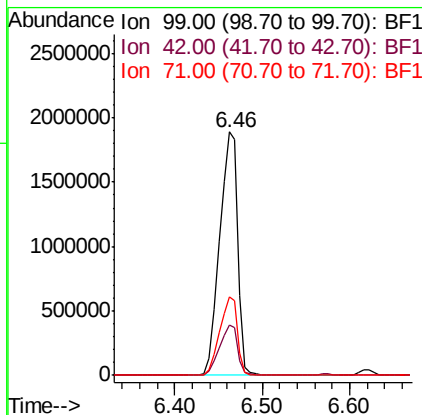
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#8

2-Chlorophenol

Concen: 56.907 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

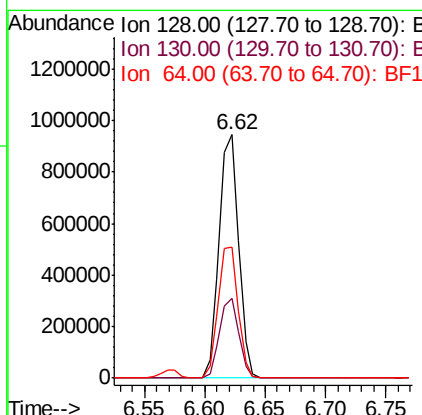
Tgt Ion:128 Resp: 1051937

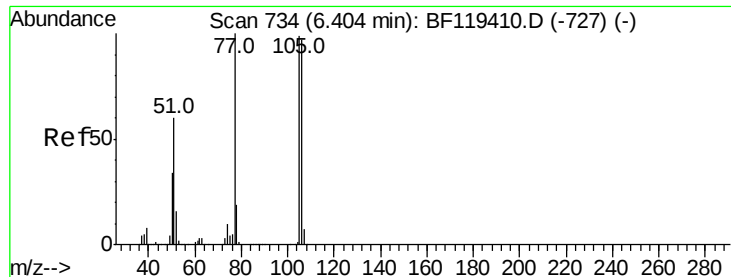
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 54.0 35.3 75.3





#9

Benzaldehyde

Concen: 30.332 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

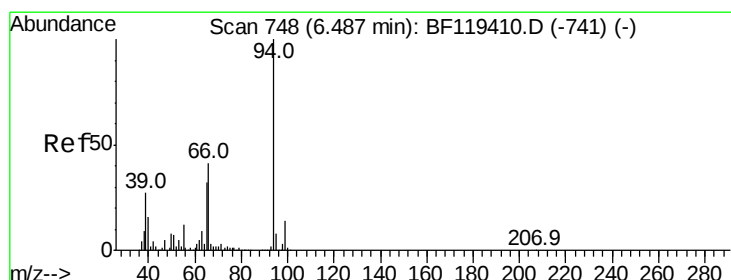
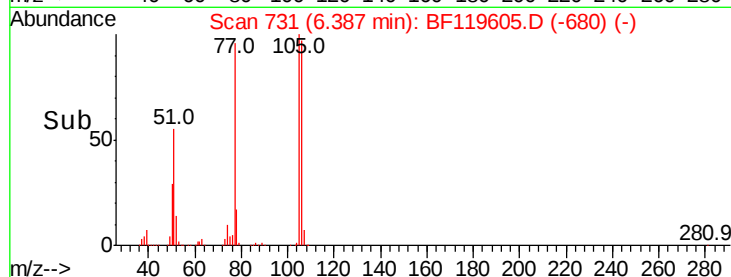
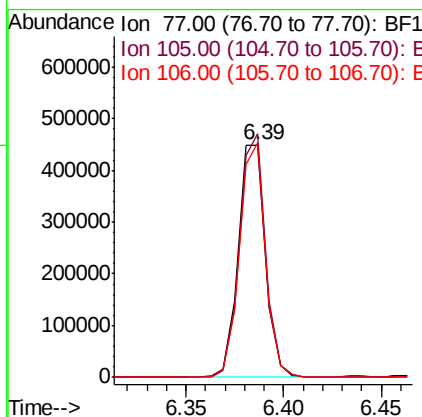
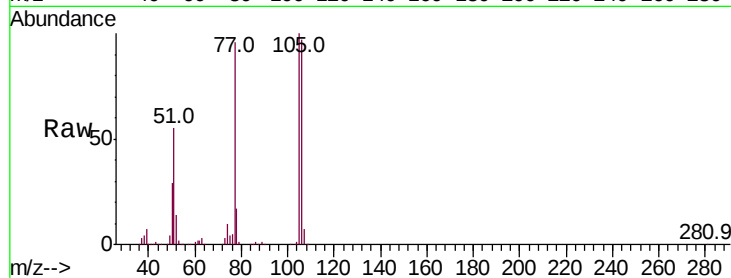
ClientSampleId :

TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.6	80.9	120.9
106	101.1	77.9	117.9

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#10

Phenol

Concen: 47.051 ng

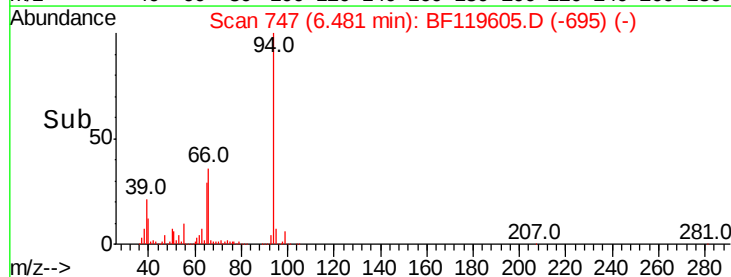
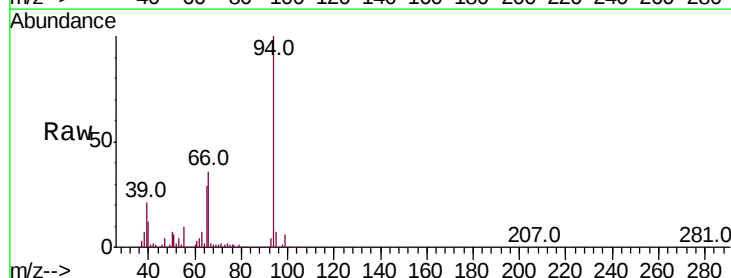
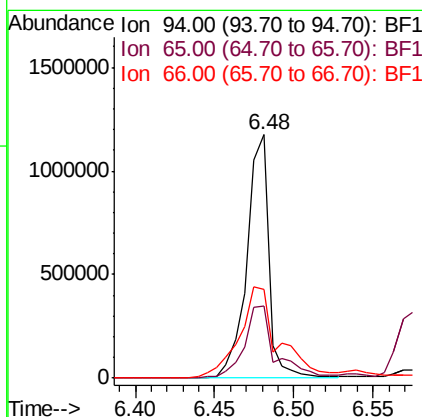
RT: 6.48 min Scan# 747

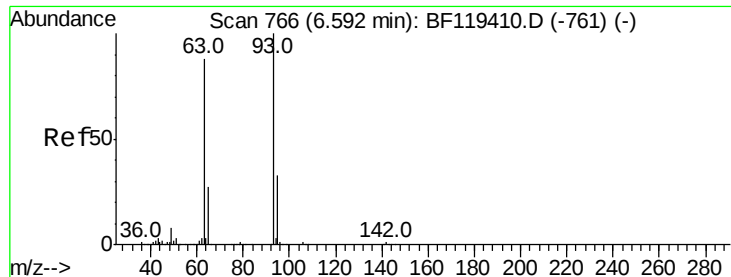
Delta R.T. 0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	13.2	53.2
66	36.5	22.3	62.3





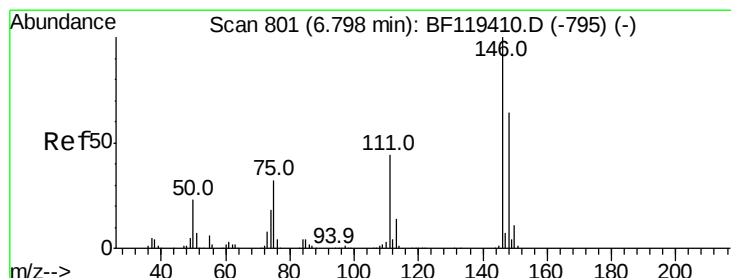
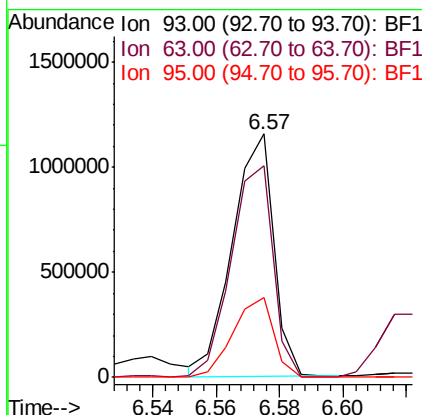
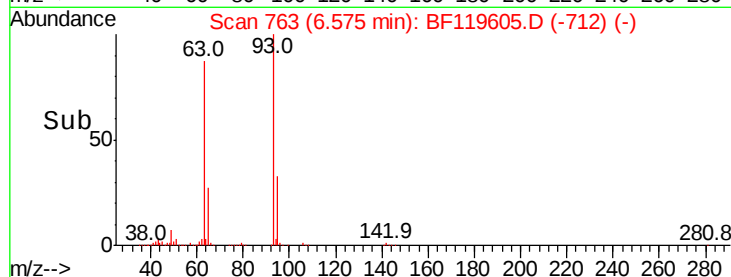
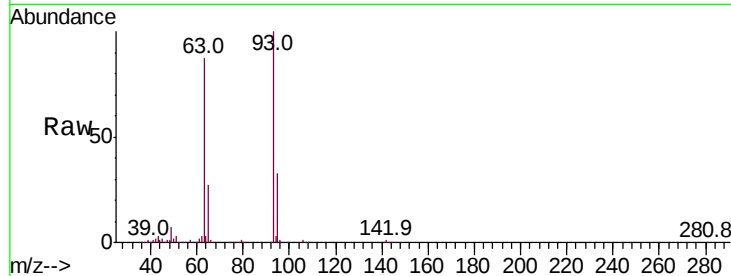
#11
bis(2-Chloroethyl)ether
Concen: 53.862 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion: 93 Resp: 1033454
Ion Ratio Lower Upper
93 100
63 86.7 70.2 110.2
95 32.7 13.4 53.4

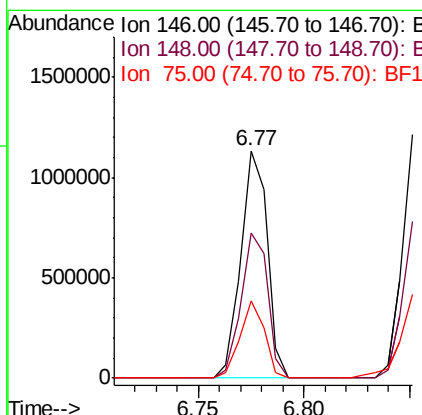
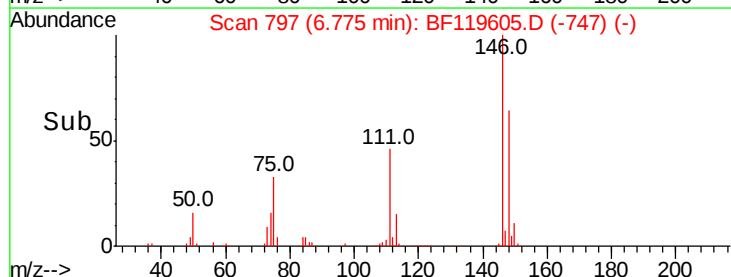
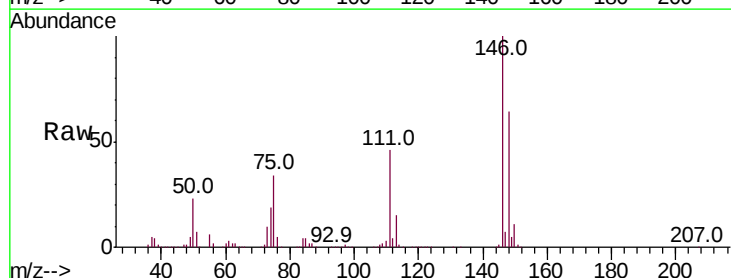
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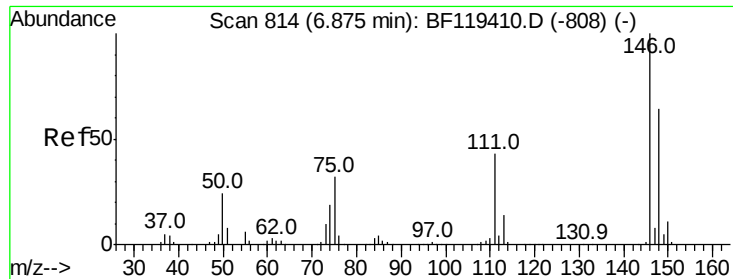
mohammad
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#12
1,3-Dichlorobenzene
Concen: 49.105 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion: 146 Resp: 982422
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 33.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 50.265 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

ClientSampleId :

TP-13-SAMSD

Tot Ion:146 Resp: 1005885

Ion Ratio Lower Upper

146 100

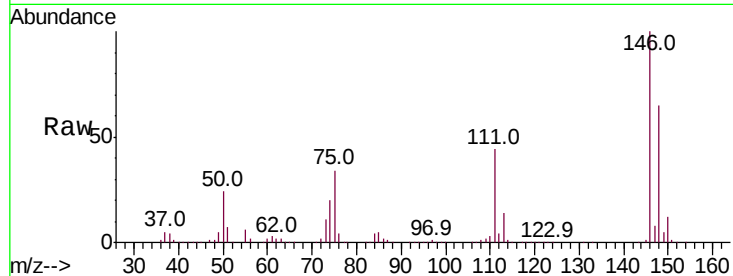
148 64.5 51.5 77.3

111 44.4 33.3 49.9

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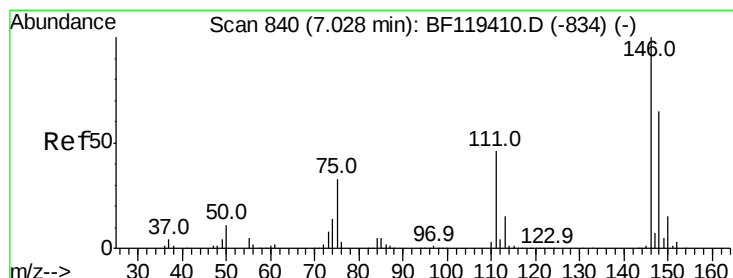
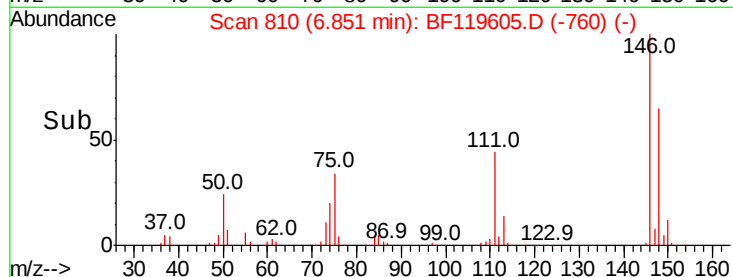
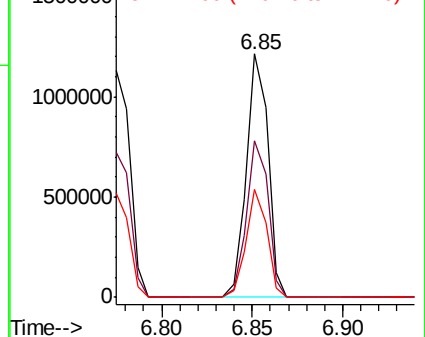


Abundance

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: 50.733 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:146 Resp: 948952

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

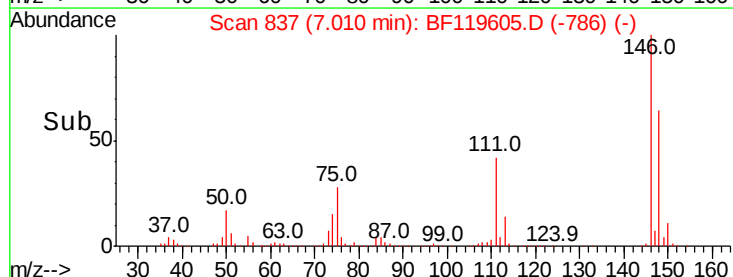
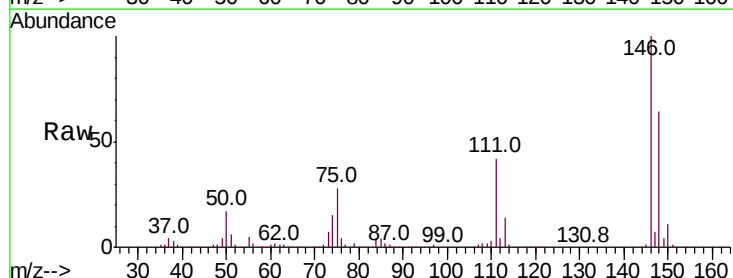
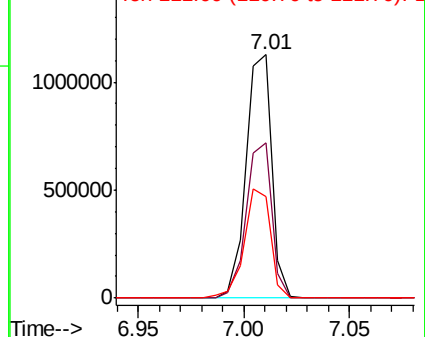
111 41.7 36.1 54.1

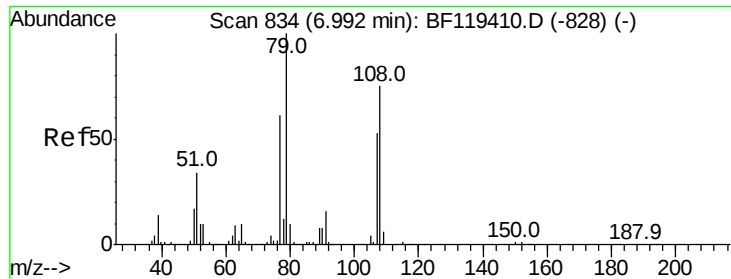
Abundance

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: 52.757 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

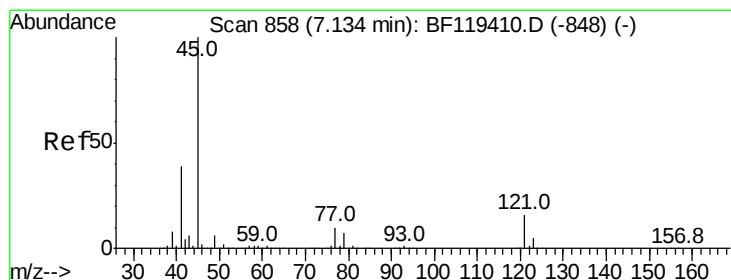
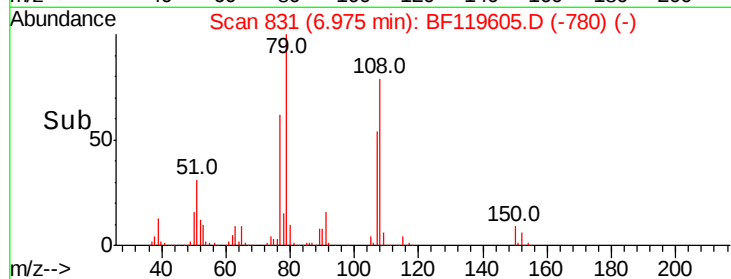
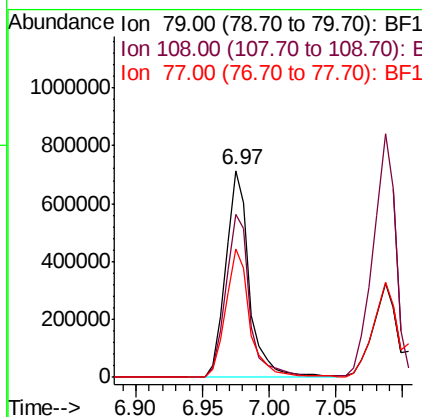
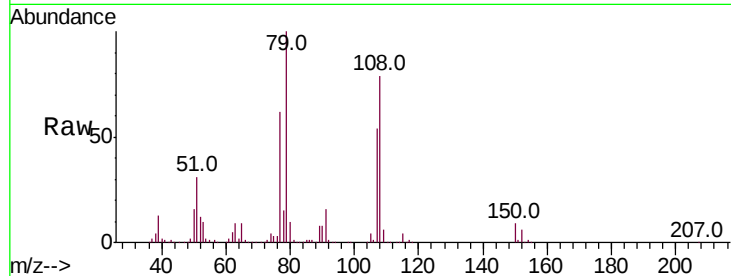
ClientSampled :

TP-13-SAMSD

Tot Ion:	79	Resp:	892233
Ion Ratio	Lower	Upper	
79	100		
108	78.6	60.6	90.8
77	62.1	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.508 ng

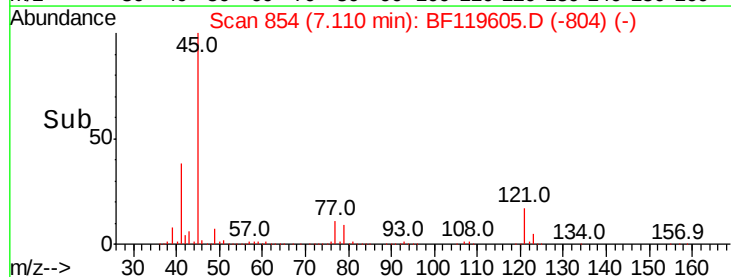
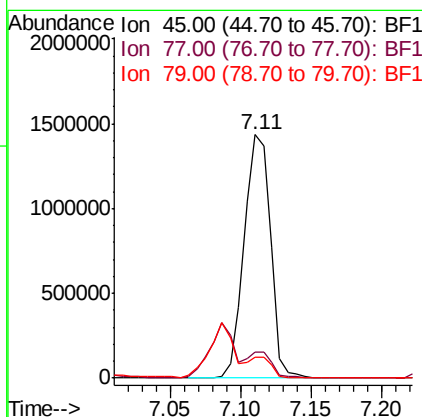
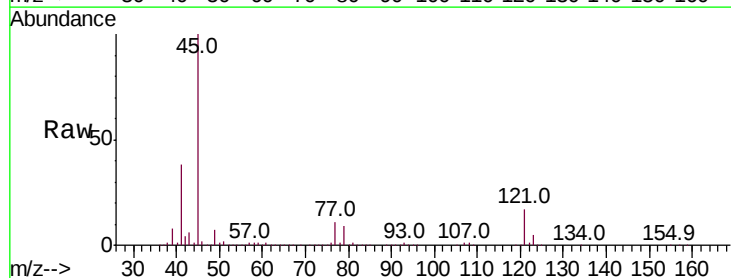
RT: 7.11 min Scan# 854

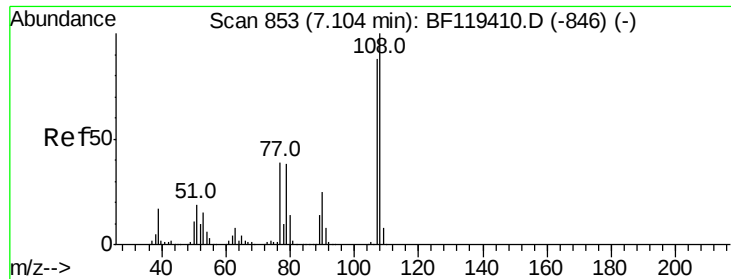
Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	45	Resp:	1877346
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.7
79	8.5	0.0	28.2





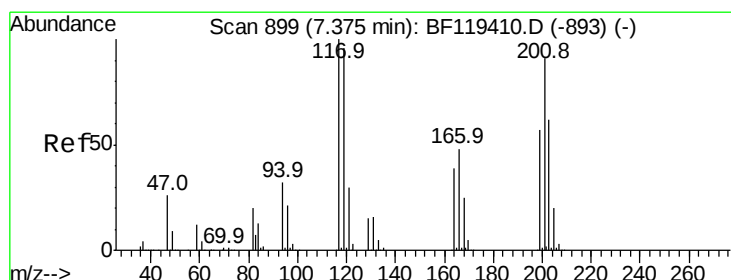
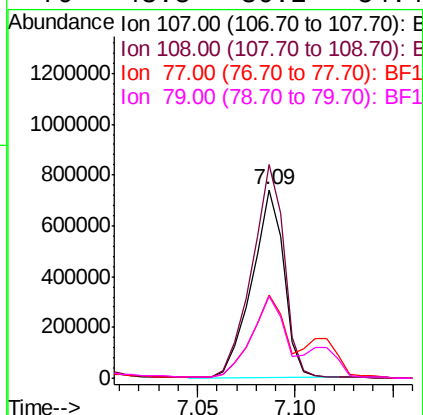
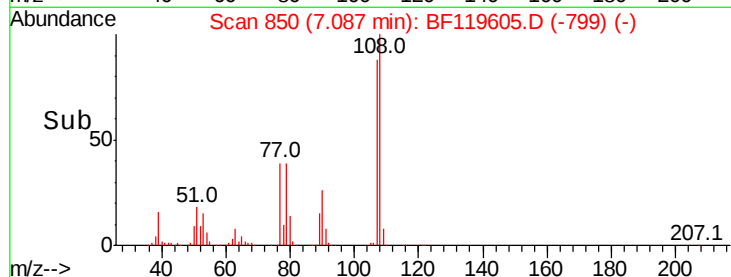
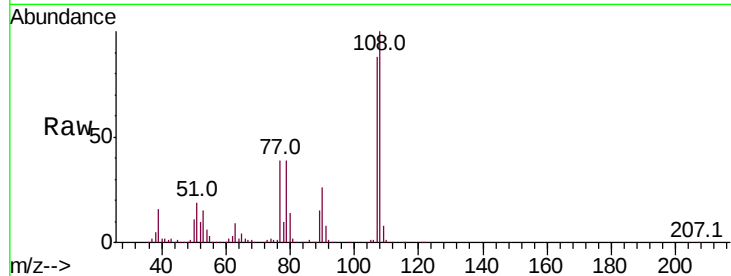
#17
2-Methylphenol
Concen: 49.456 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	92.2	138.4	
77	44.0	36.6	54.8	
79	43.8	36.2	54.4	

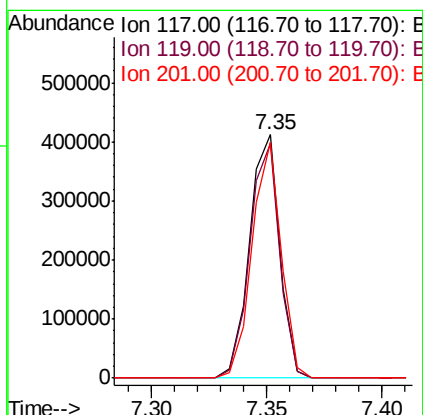
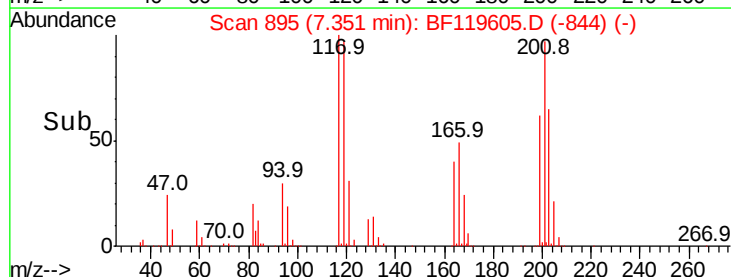
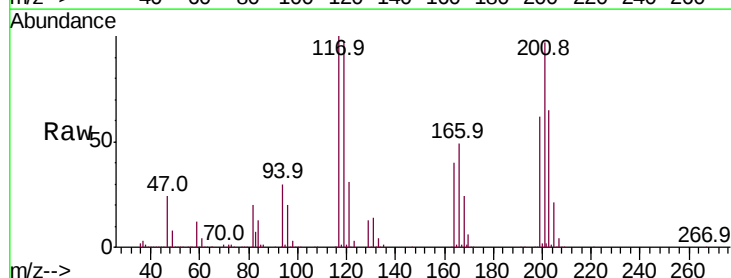
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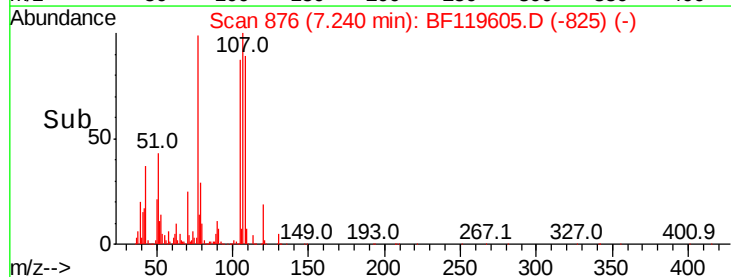
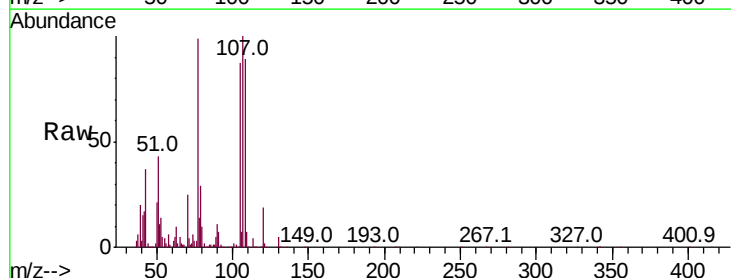
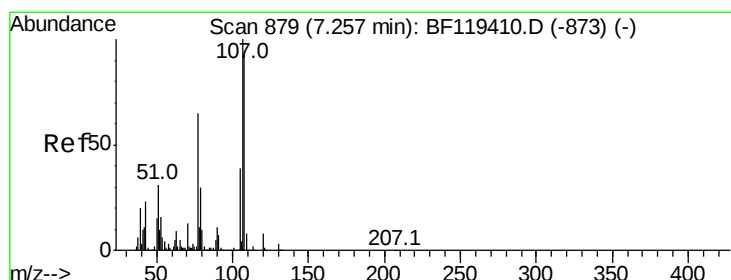
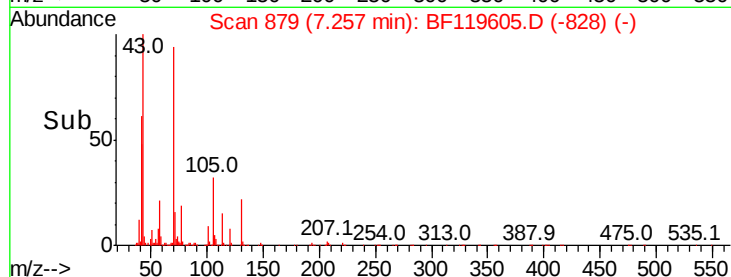
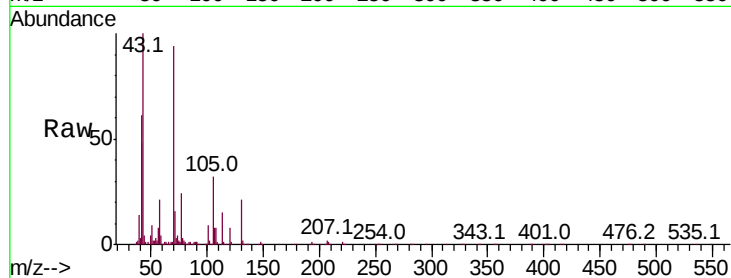
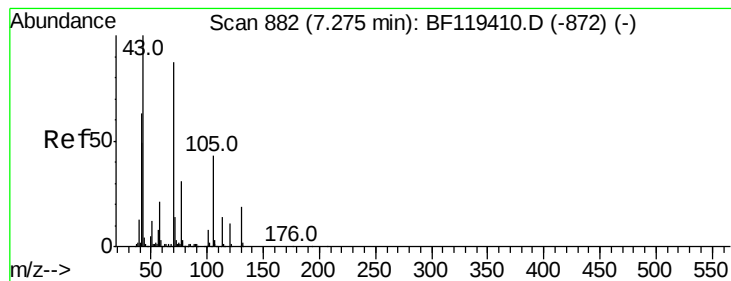
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#18
Hexachloroethane
Concen: 51.382 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.1	114.1	
201	96.9	73.0	109.6	





#19

n-Nitroso-di-n-propylamine

Concen: 54.398 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

ClientSampleId :

TP-13-SAMSD

Tot Ion: 70 Resp: 737182

Ion Ratio Lower Upper

70 100

42 64.9 54.5 81.7

101 10.1 7.6 11.4

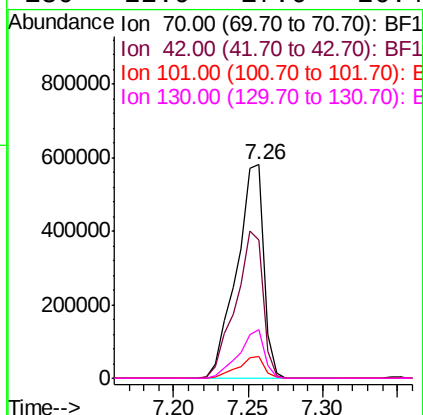
130 22.9 17.6 26.4

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#20

3+4-Methylphenols

Concen: 47.406 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion: 107 Resp: 983997

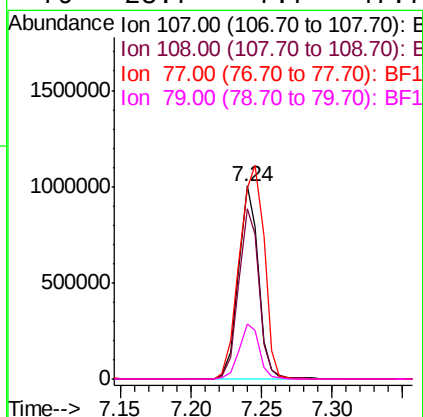
Ion Ratio Lower Upper

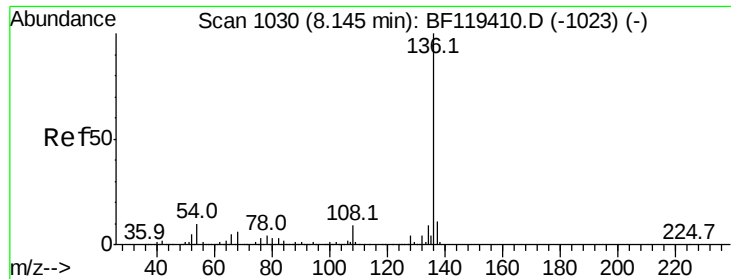
107 100

108 88.6 67.9 107.9

77 99.1 52.9 92.9#

79 28.7 7.7 47.7





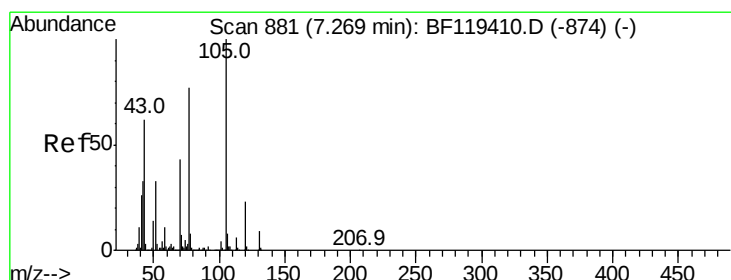
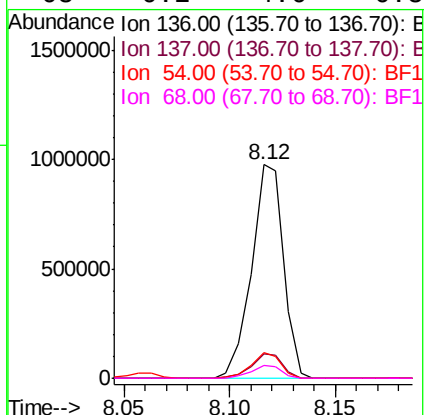
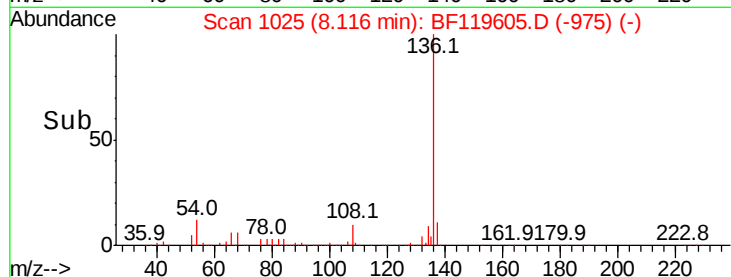
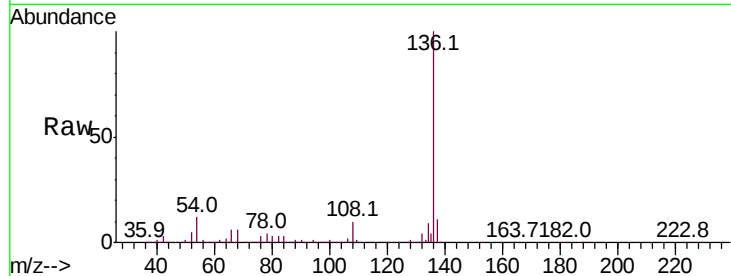
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.8	9.1	13.7
68	6.2	4.6	6.8

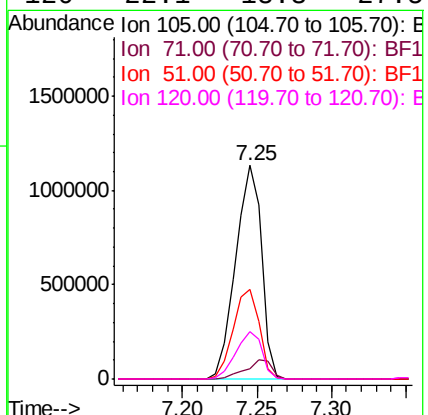
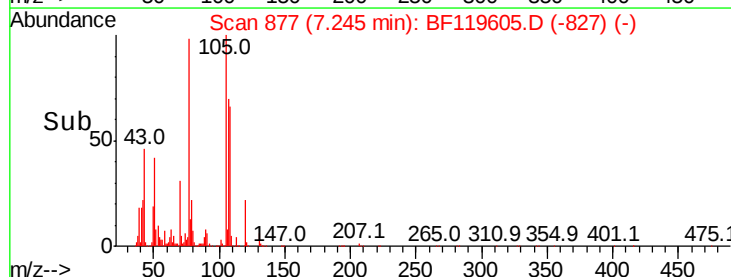
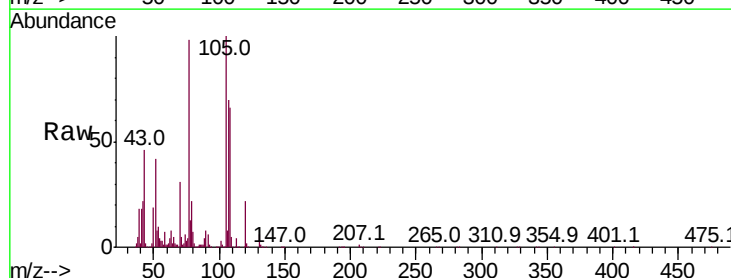
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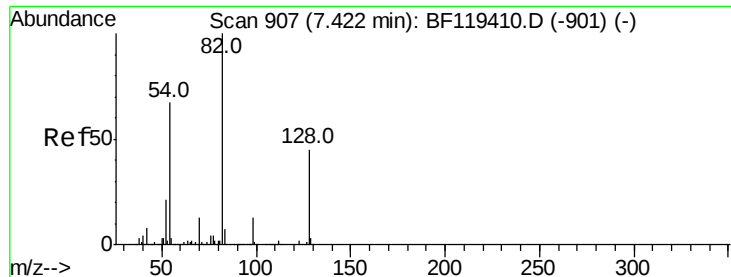
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#22
Acetophenone
Concen: 55.890 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.7	8.5#
51	42.0	26.2	39.4#
120	22.1	18.3	27.5





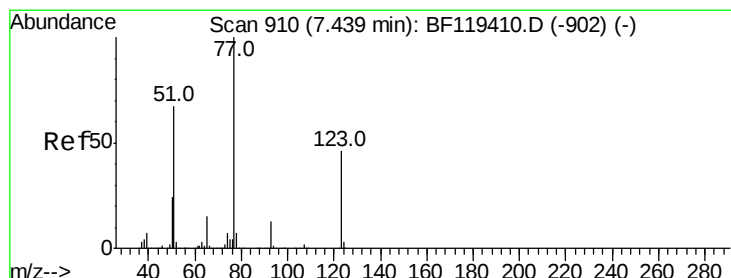
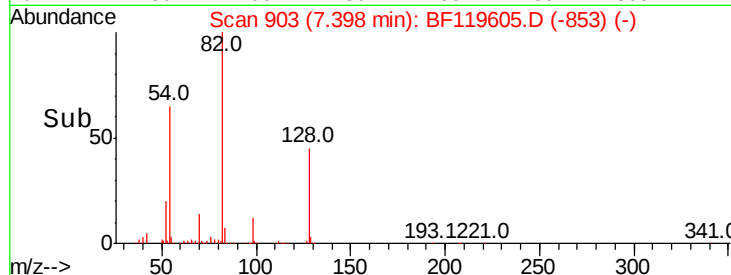
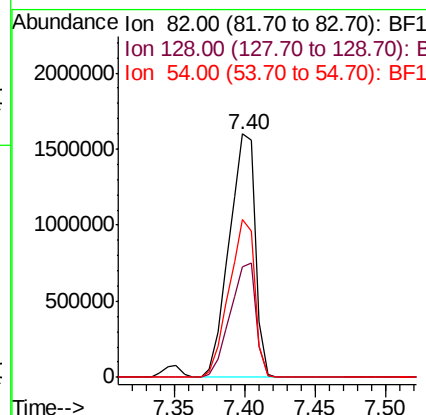
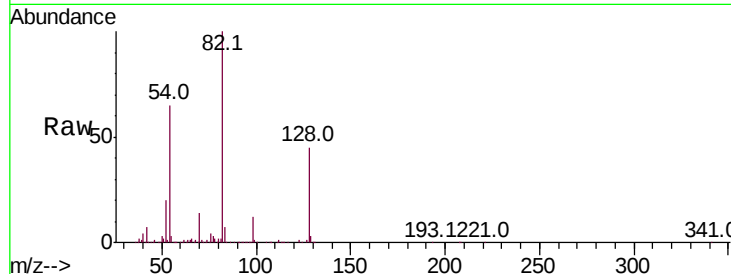
#23
Nitrobenzene-d5
Concen: 108.342 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion: 82 Resp: 2053276
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 64.6 50.6 75.8

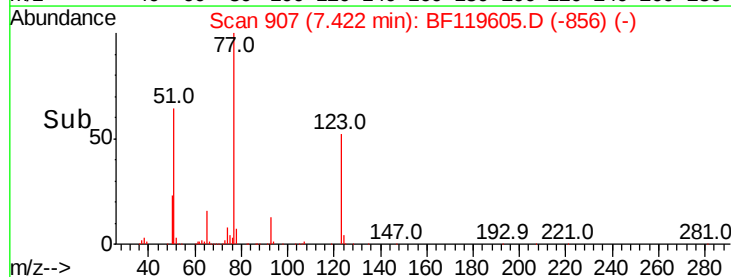
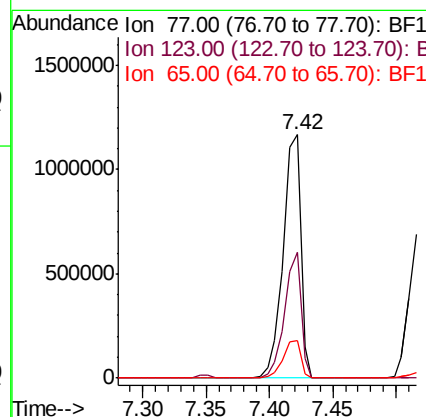
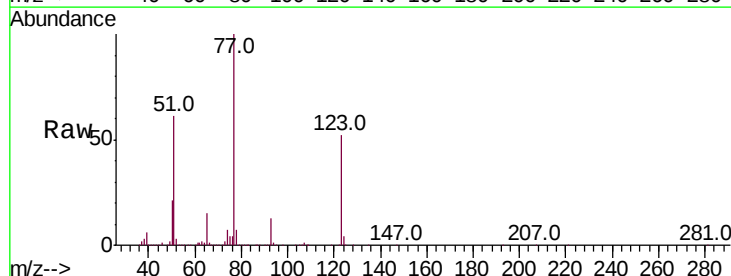
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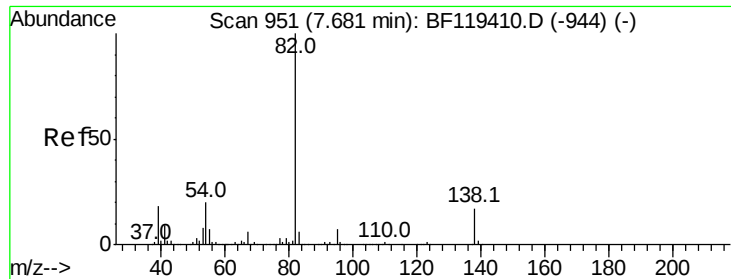
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#24
Nitrobenzene
Concen: 55.542 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion: 77 Resp: 1124924
Ion Ratio Lower Upper
77 100
123 51.9 38.0 57.0
65 15.2 12.6 18.8





#25

Isophorone

Concen: 54.314 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

ClientSampleId :

TP-13-SAMSD

Tot Ion: 82 Resp: 2088085

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

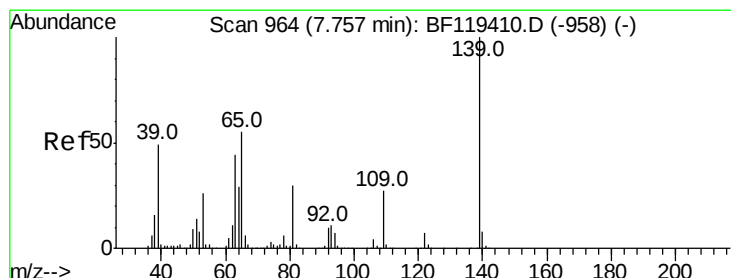
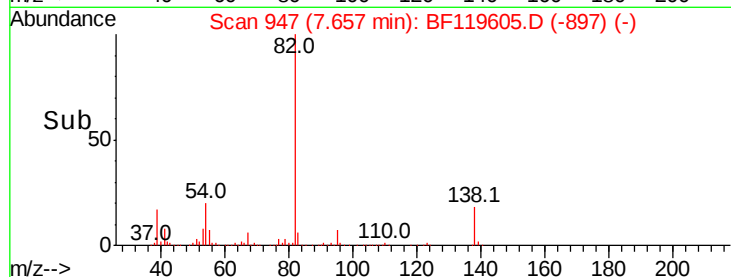
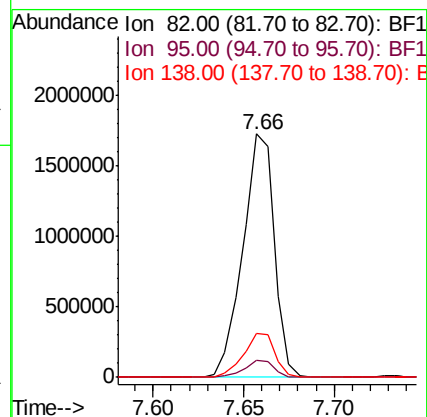
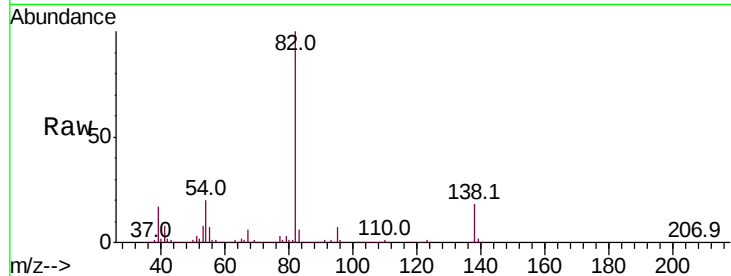
138 18.0 14.6 21.8

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#26

2-Nitrophenol

Concen: 72.087 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

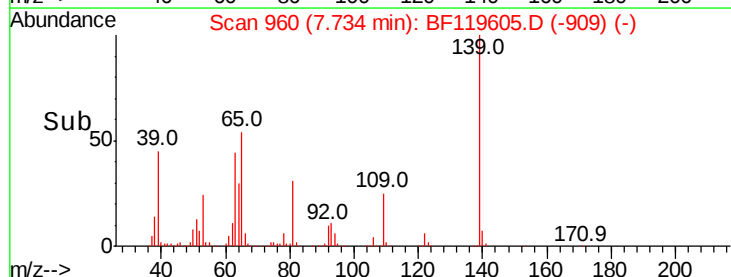
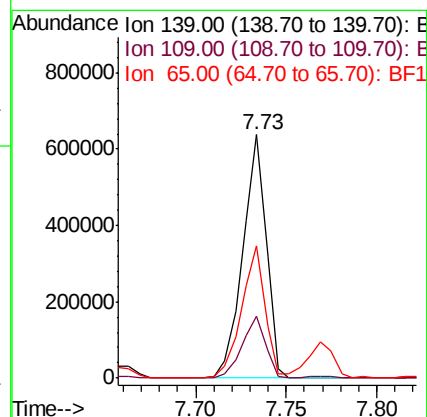
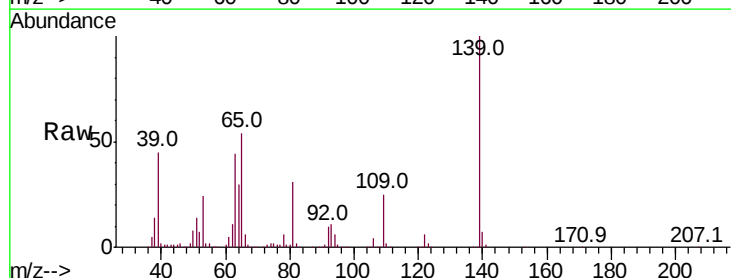
Tgt Ion: 139 Resp: 574870

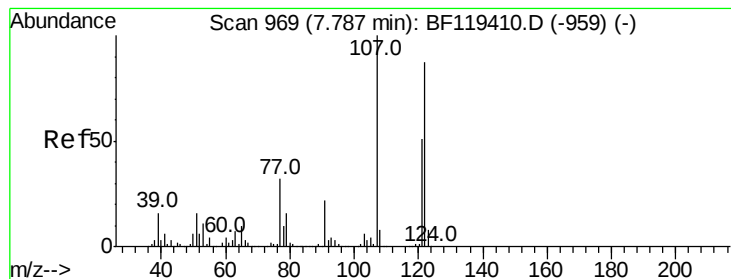
Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

65 54.4 49.2 73.8





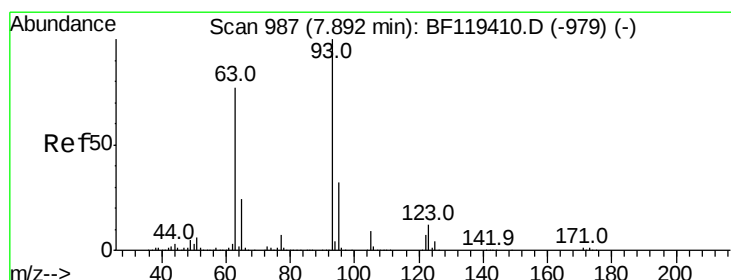
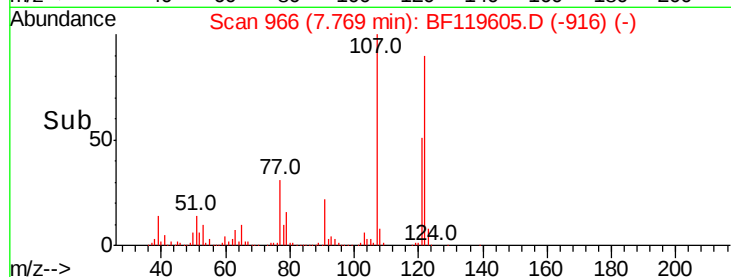
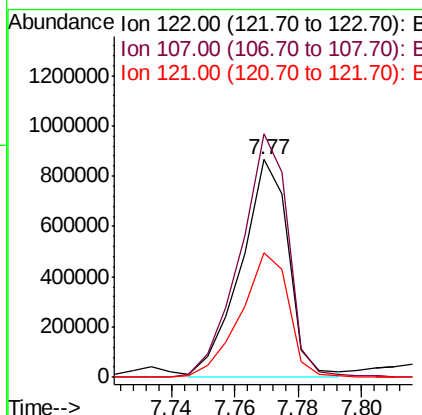
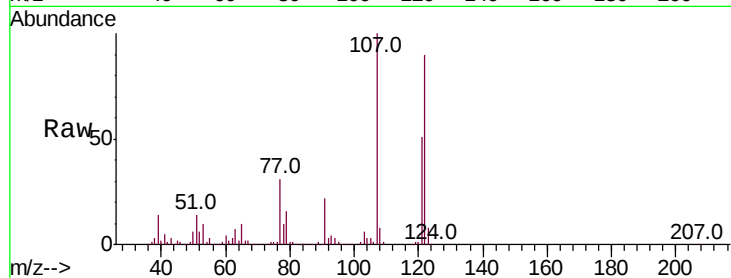
#27
 2,4-Dimethylphenol
 Concen: 54.861 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.0	133.6
121	57.3	46.7	70.1

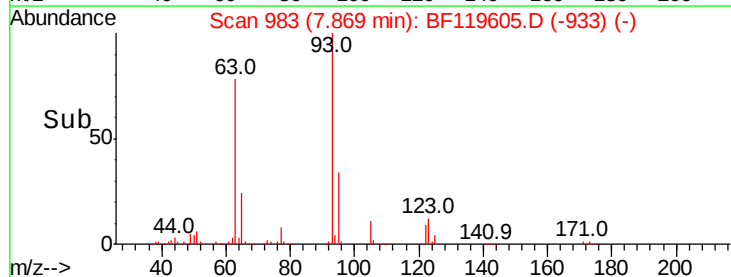
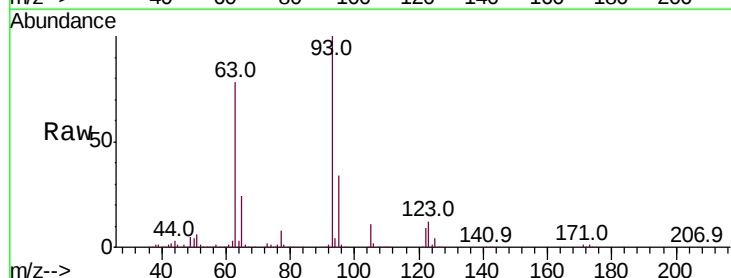
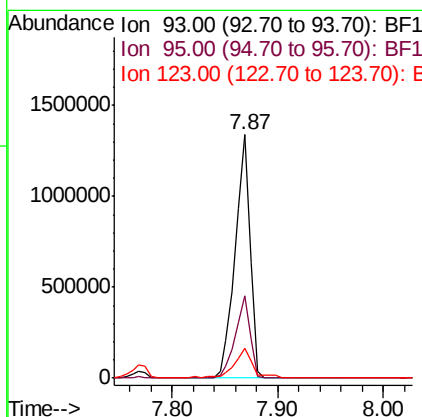
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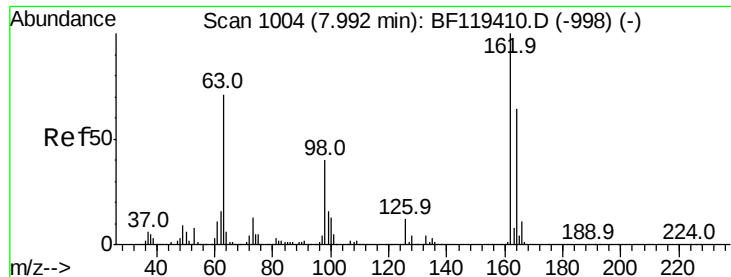
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#28
 bis(2-Chloroethoxy)methane
 Concen: 57.226 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	12.2	9.7	14.5





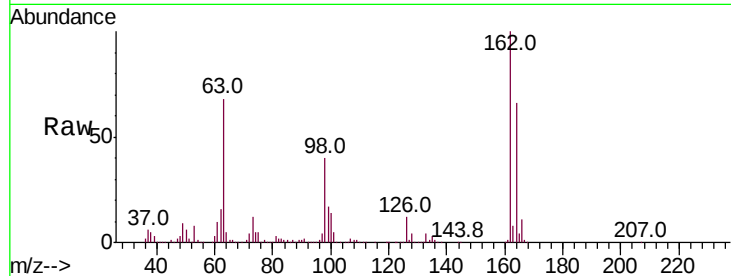
#29
 2,4-Dichlorophenol
 Concen: 54.727 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

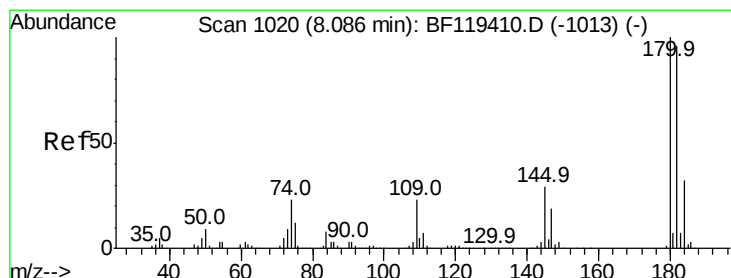
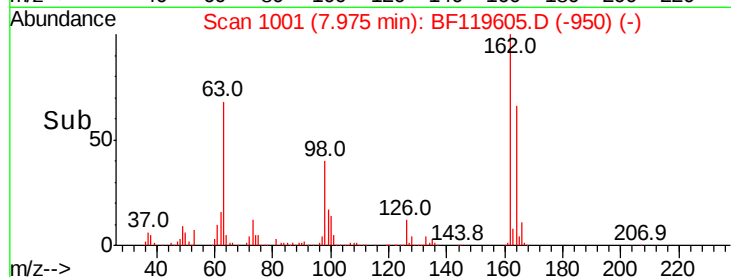
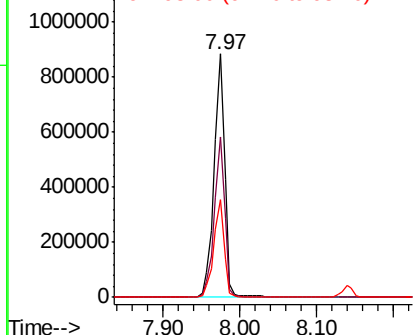
Tot Ion	Ratio	Resp	Lower	Upper
162	100	829183		
164	65.9	44.7	84.7	
98	39.9	20.7	60.7	

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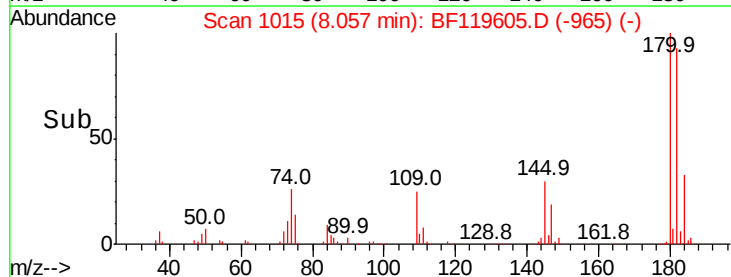
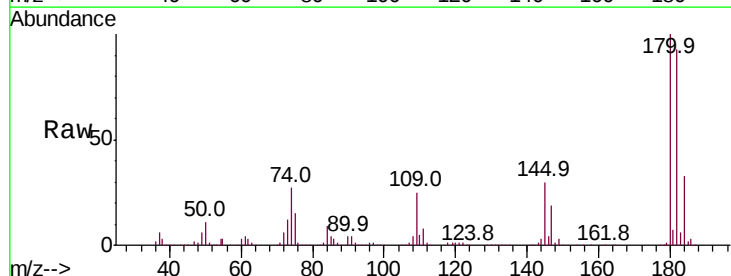
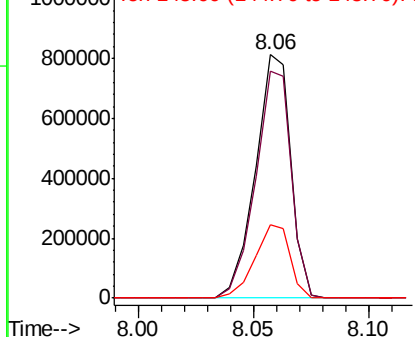
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

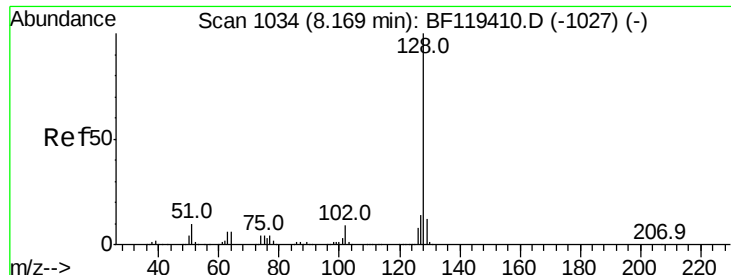


#30
 1,2,4-Trichlorobenzene
 Concen: 51.618 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	864911		
182	93.1	74.7	112.1	
145	30.3	24.5	36.7	

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





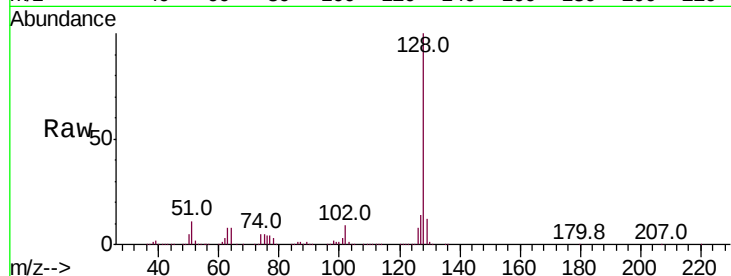
#31
Naphthalene
Concen: 52.015 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

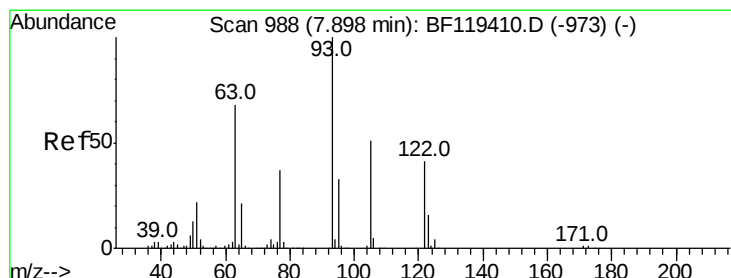
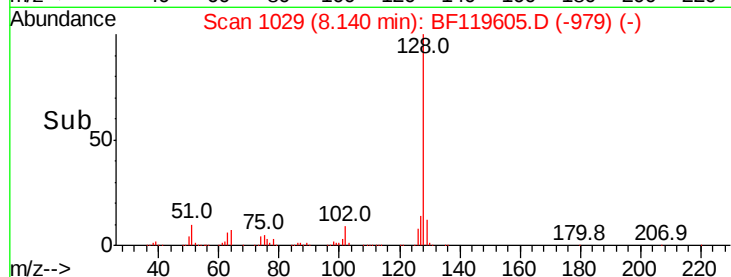
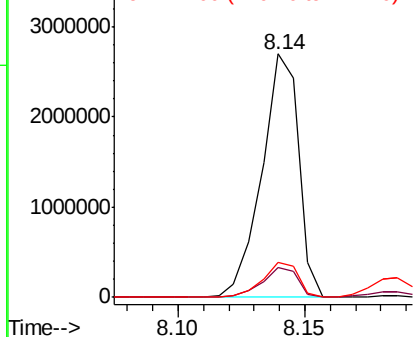
Tot Ion:128 Resp: 2757053
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.1 11.3 16.9

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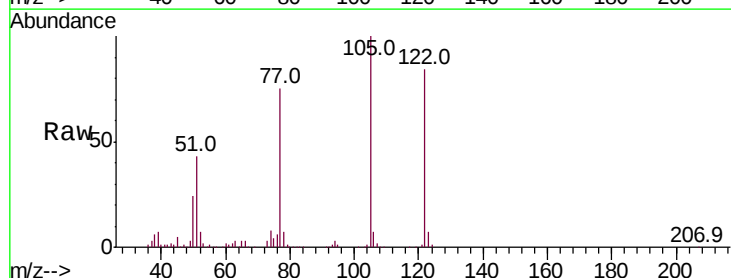


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

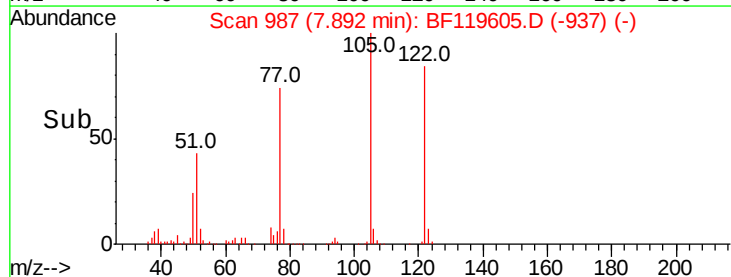
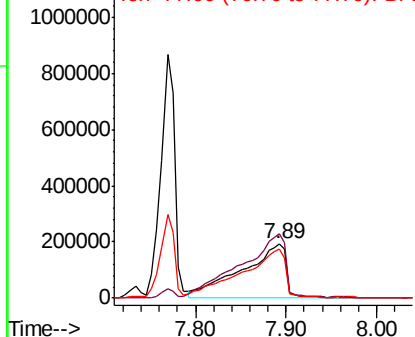


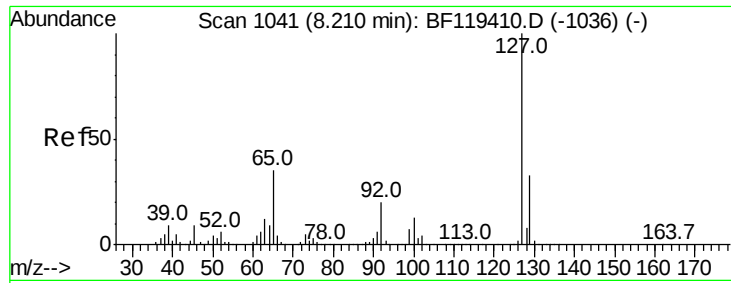
#32
Benzoic acid
Concen: 61.508 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:122 Resp: 652418
Ion Ratio Lower Upper
122 100
105 119.0 104.9 144.9
77 88.9 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





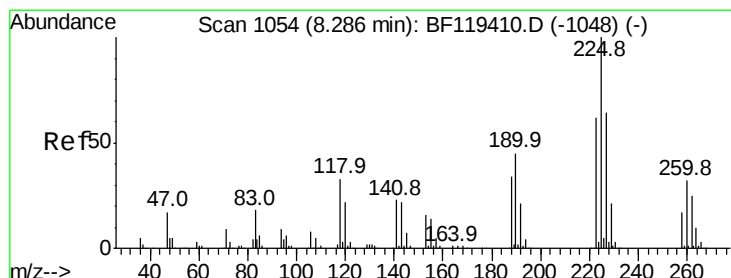
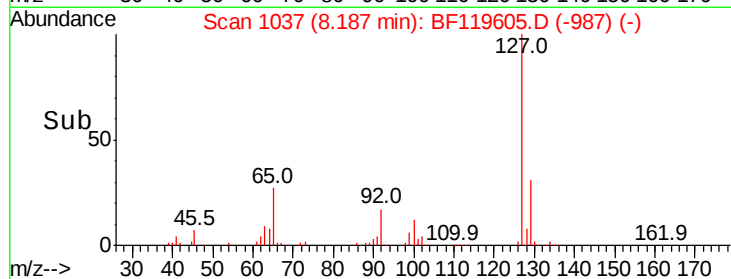
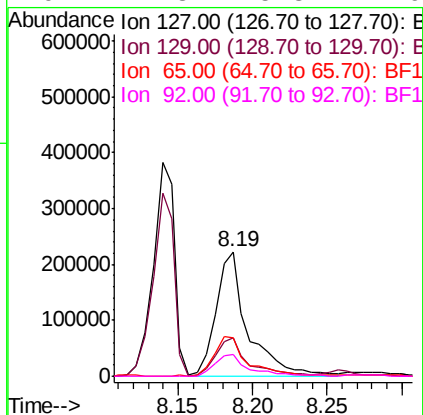
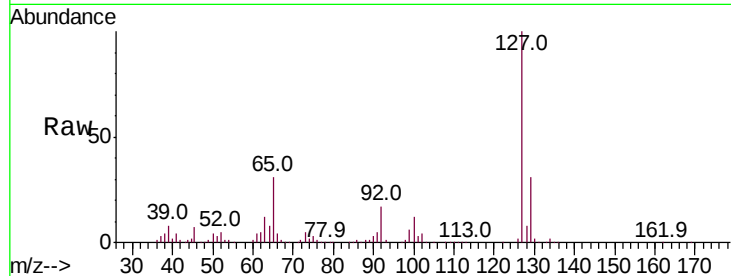
#33
4-Chloroaniline
Concen: 13.653 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	26.2	39.4	
65	30.7	27.4	41.0	
92	17.3	15.3	22.9	

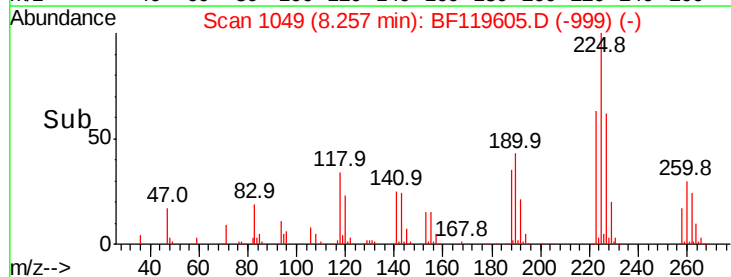
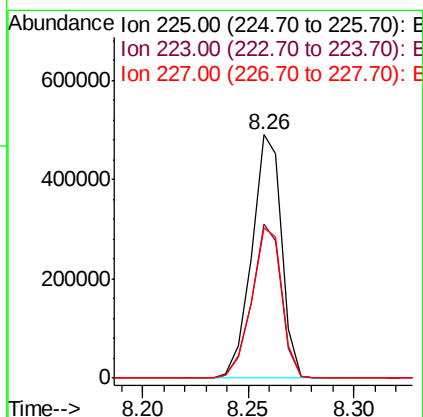
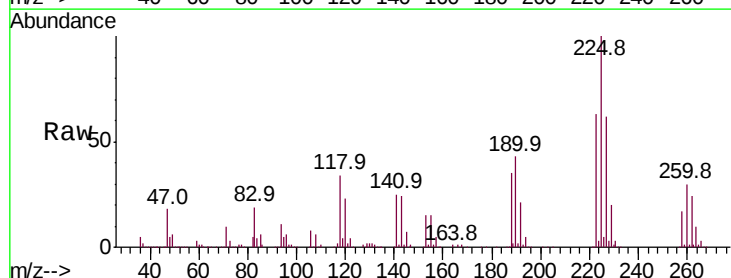
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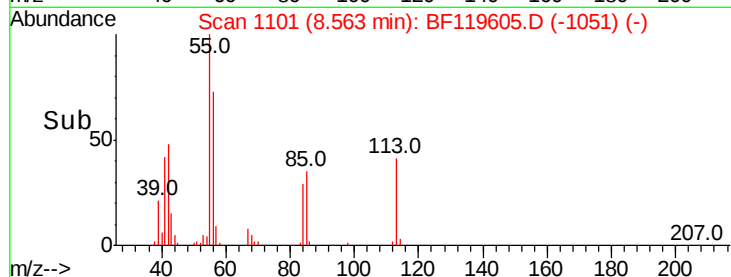
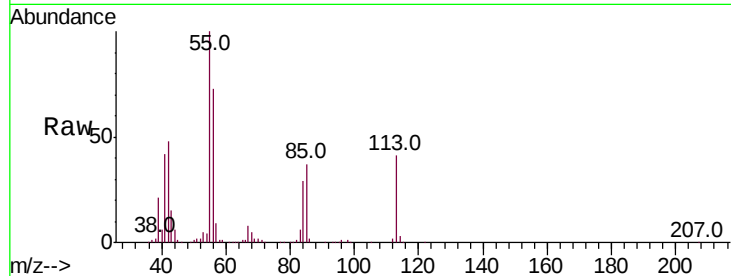
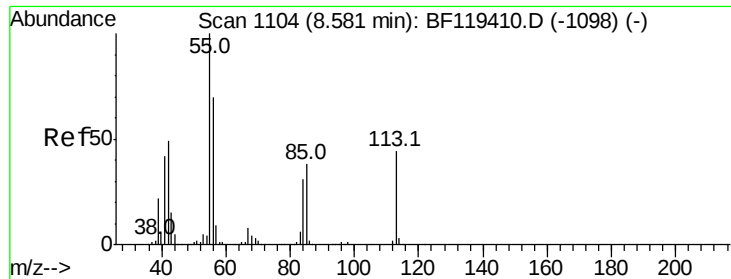
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#34
Hexachlorobutadiene
Concen: 51.281 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.0	76.6	
227	61.9	50.7	76.1	





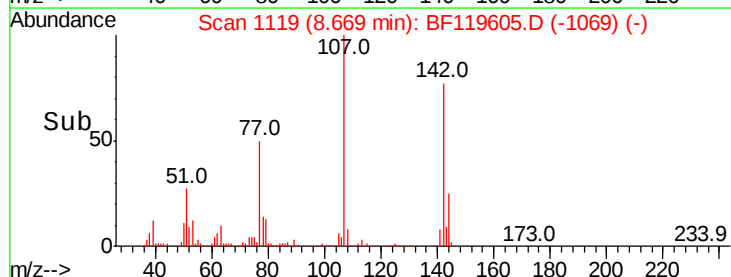
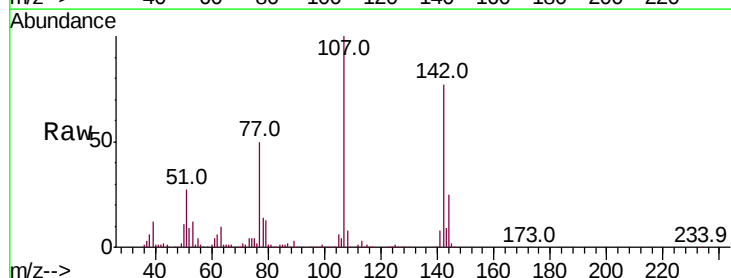
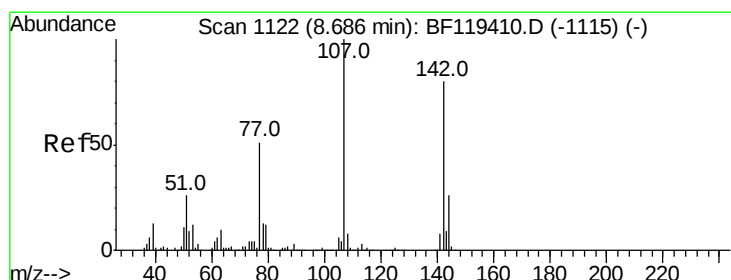
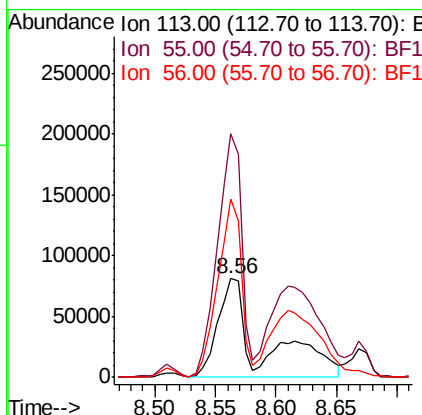
#35
Caprolactam
Concen: 40.729 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tot Ion	Ratio	Lower	Upper
113	100		
55	246.7	218.4	258.4
56	180.3	148.9	188.9

Instrument :
BNA_F
ClientSampleID :
TP-13-SAMSD

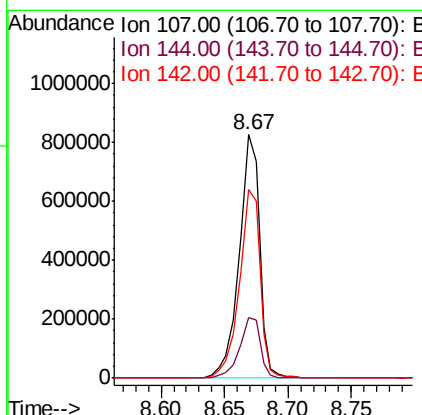
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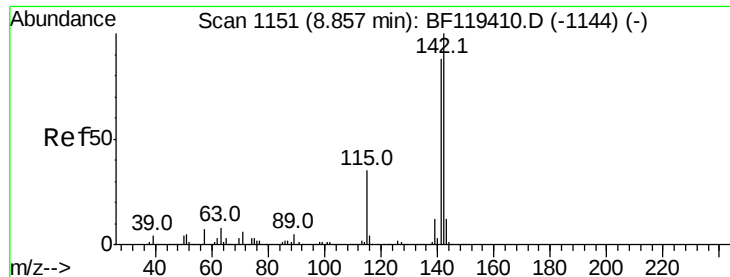
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#36
4-Chloro-3-methylphenol
Concen: 55.312 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.0	31.6
142	77.3	64.4	96.6





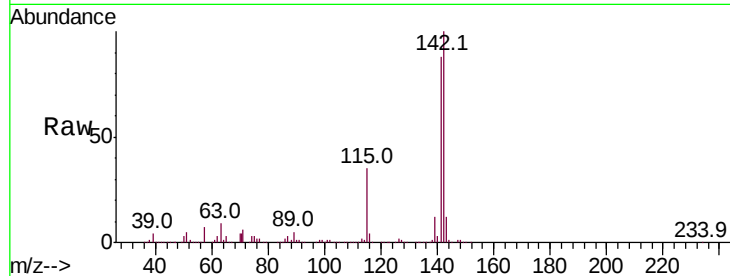
#37
2-Methylnaphthalene
Concen: 55.333 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

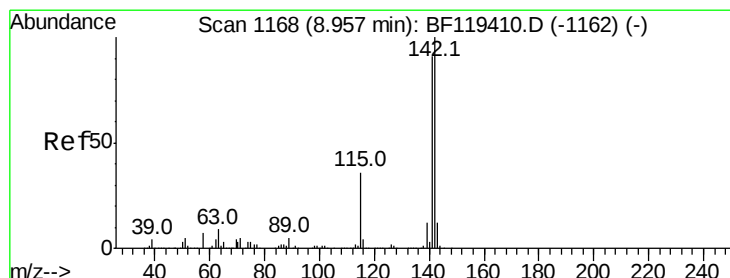
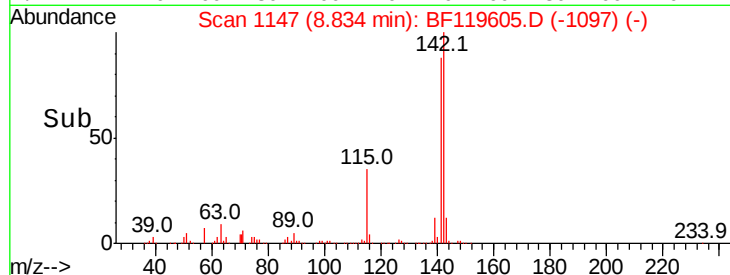
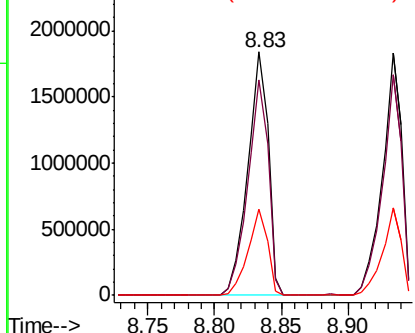
Tot Ion:142 Resp: 1924826
Ion Ratio Lower Upper
142 100
141 88.4 71.7 107.5
115 35.3 27.9 41.9

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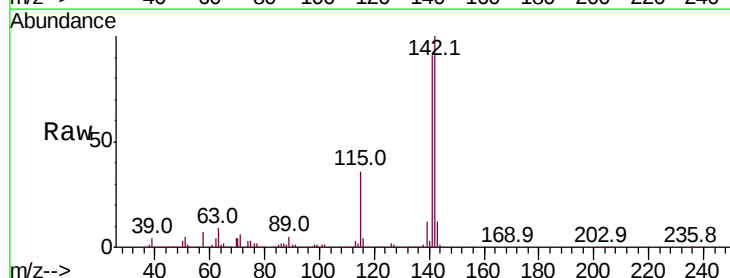


Abundance Ion 142.00 (141.70 to 142.70): E
2500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

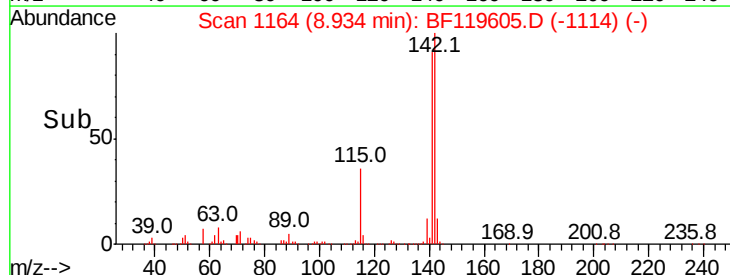
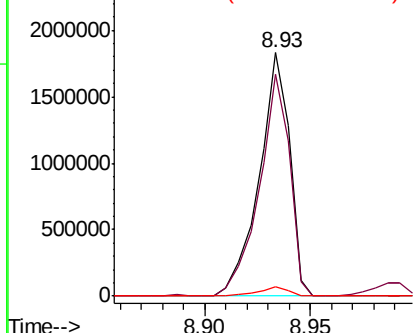


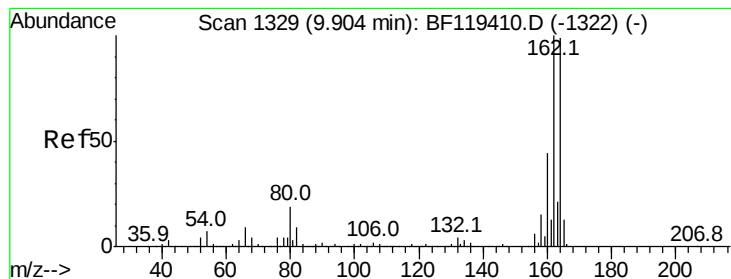
#38
1-Methylnaphthalene
Concen: 55.797 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:142 Resp: 1837184
Ion Ratio Lower Upper
142 100
141 90.9 73.7 110.5
116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
2500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

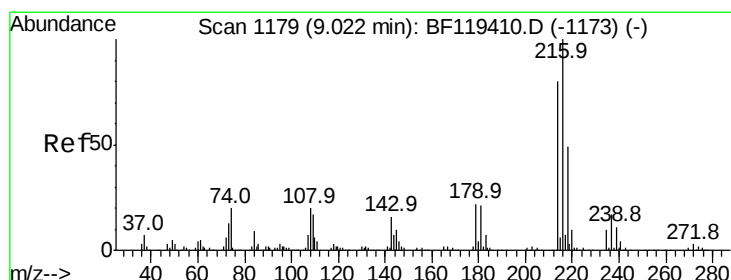
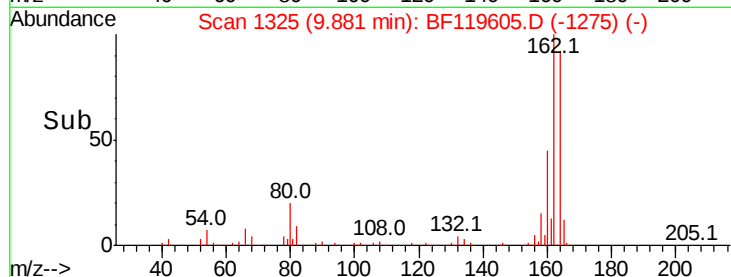
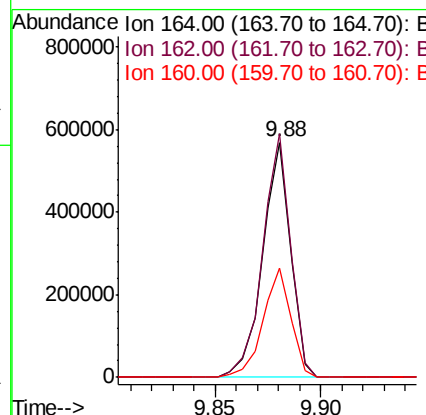
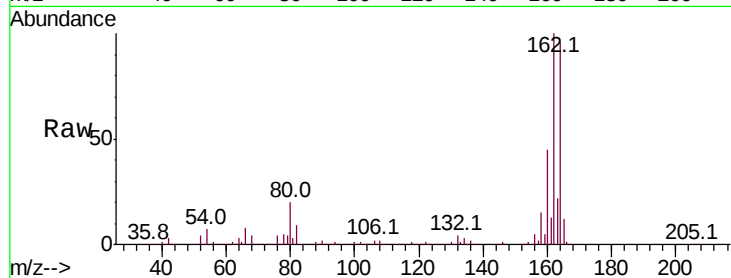
ClientSampleId :

TP-13-SAMSD

Tot Ion:	164	Resp:	526606
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.6	121.0
160	46.3	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.169 ng

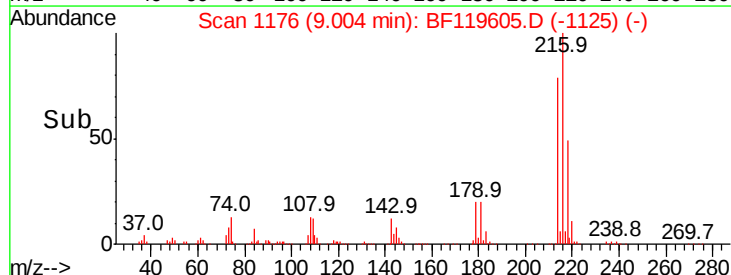
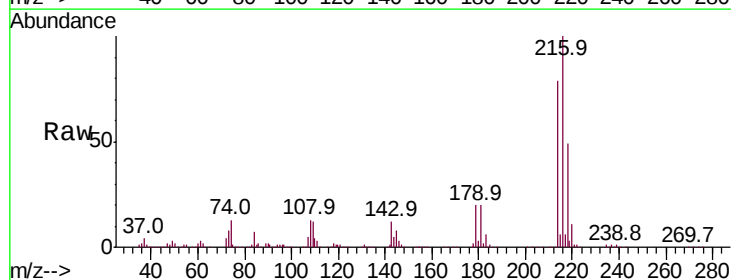
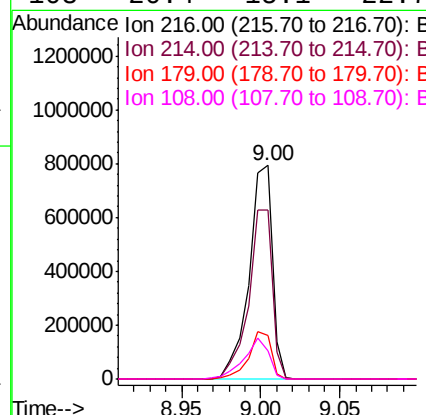
RT: 9.00 min Scan# 1176

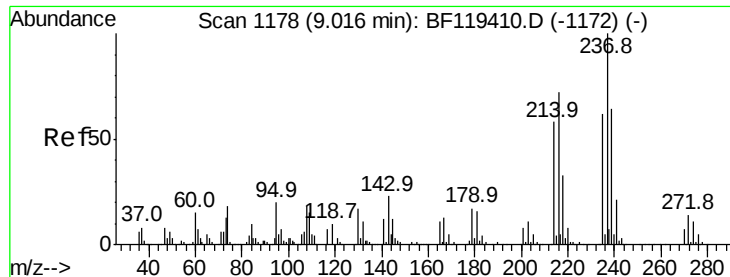
Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	216	Resp:	805247
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.2	94.8
179	21.4	17.1	25.7
108	20.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 96.108 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

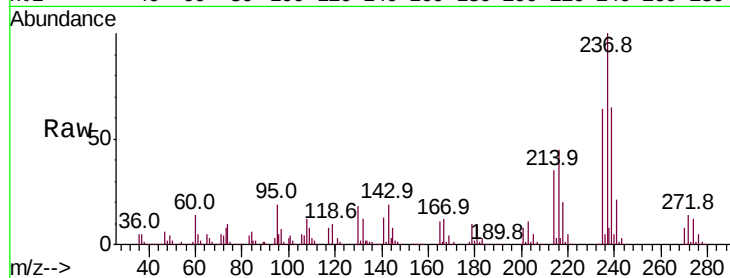
ClientSampleId :

TP-13-SAMSD

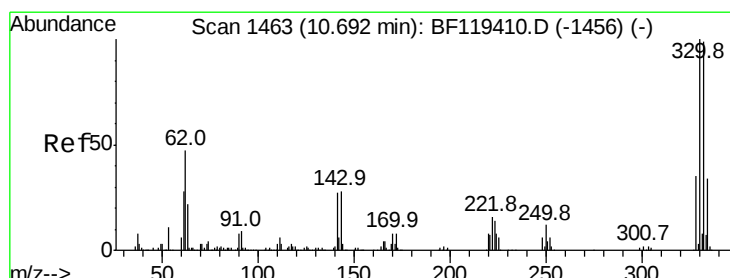
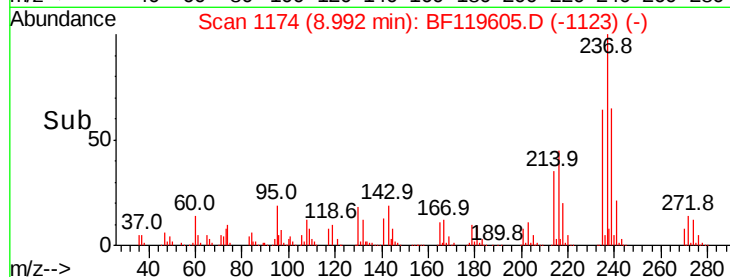
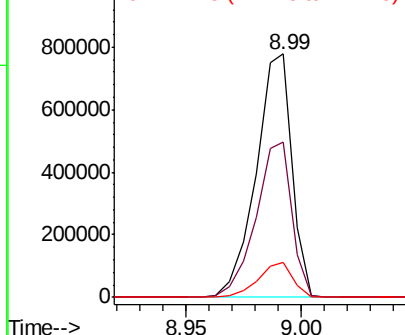
Tot Ion:	237	Resp:	843360
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.2	83.2
272	14.5	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 160.062 ng

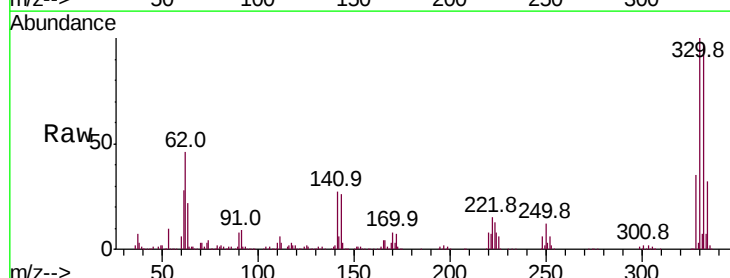
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

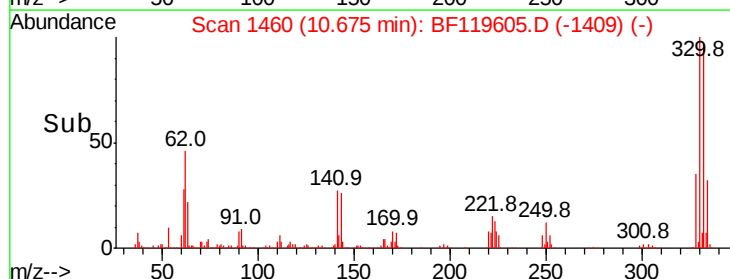
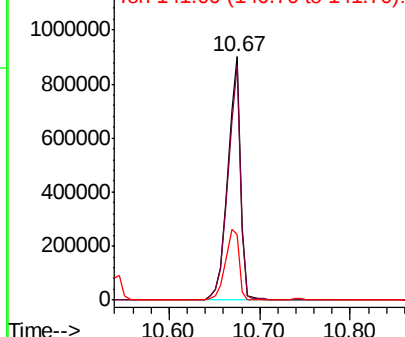
Lab File: BF119605.D

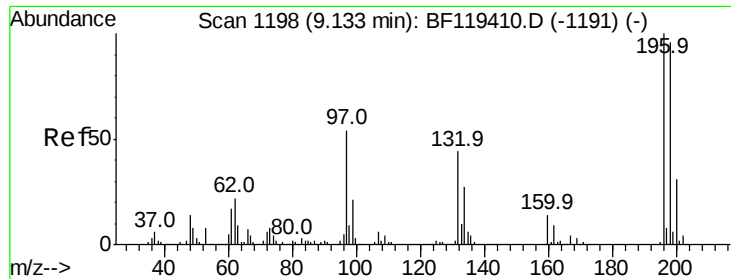
Acq: 28 Mar 2020 9:08

Tgt Ion:	330	Resp:	869585
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.7	113.5
141	31.5	25.4	38.0



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





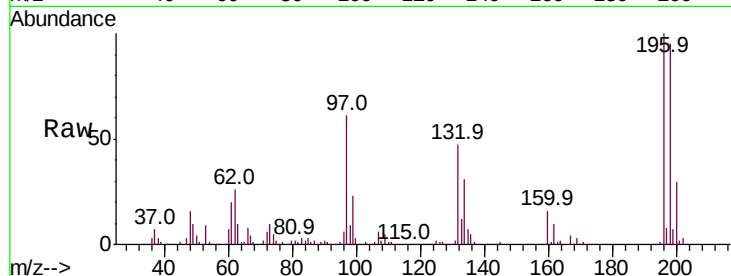
#43
 2,4,6-Trichlorophenol
 Concen: 56.253 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

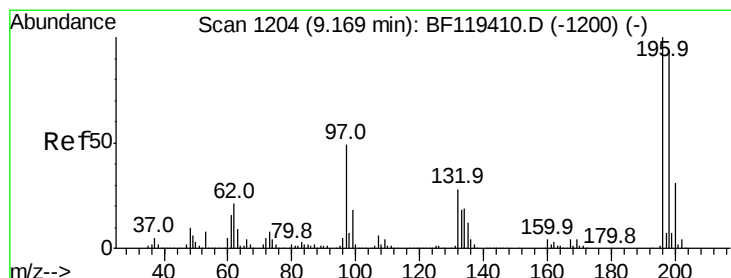
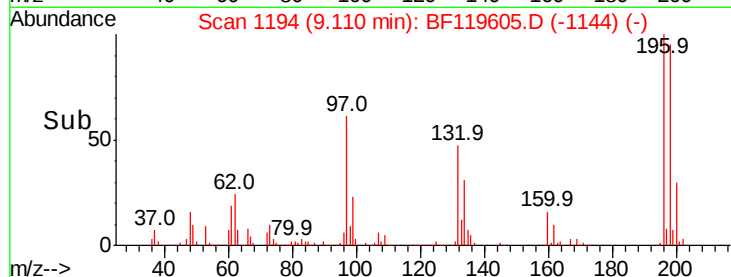
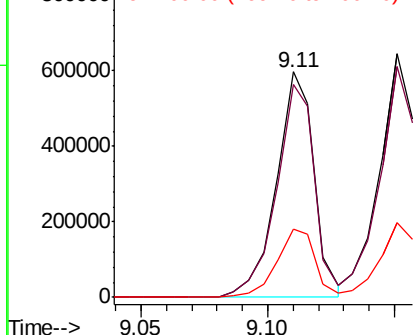
Tot Ion:	196	Resp:	621355
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.6	115.0
200	30.3	24.6	36.8

Manual Integrations
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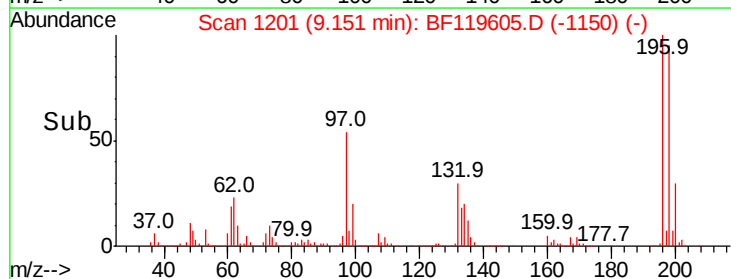
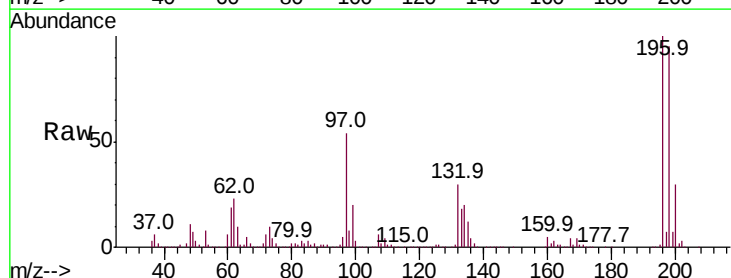
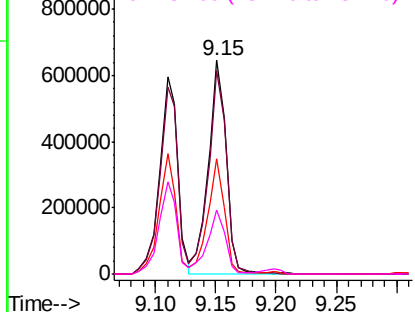
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

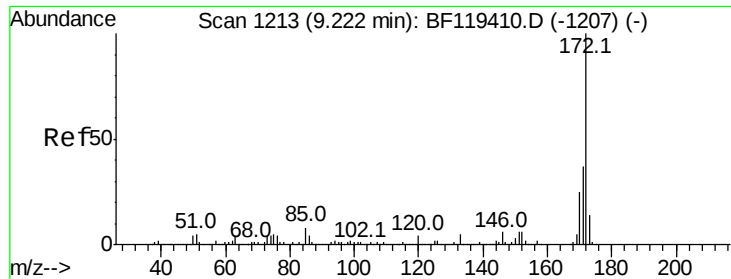


#44
 2,4,5-Trichlorophenol
 Concen: 53.123 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion:	196	Resp:	657338
Ion Ratio	Lower	Upper	
196	100		
198	95.0	73.8	110.8
97	54.2	42.6	63.8
132	30.0	24.0	36.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





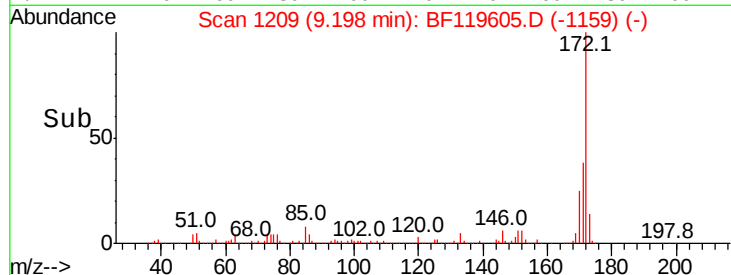
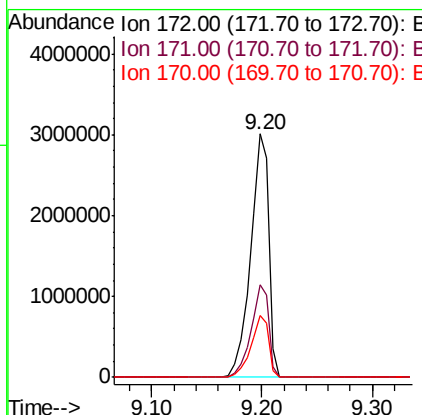
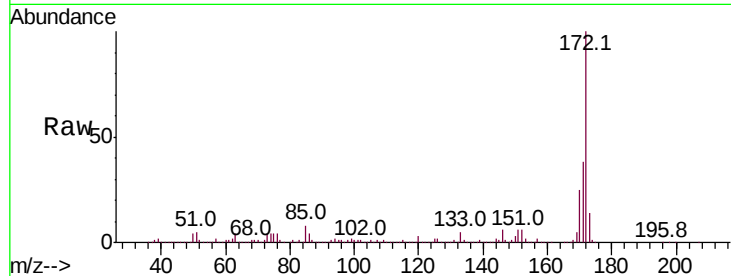
#45
2-Fluorobiphenyl
Concen: 97.367 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	25.4	20.2	30.2

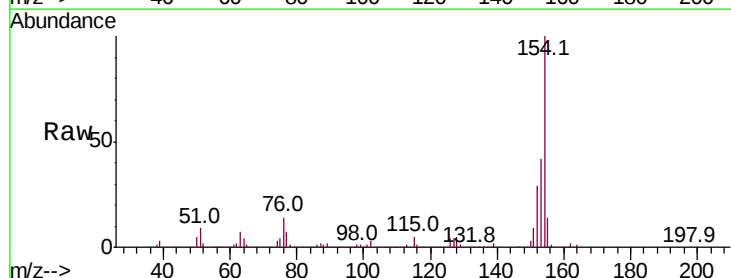
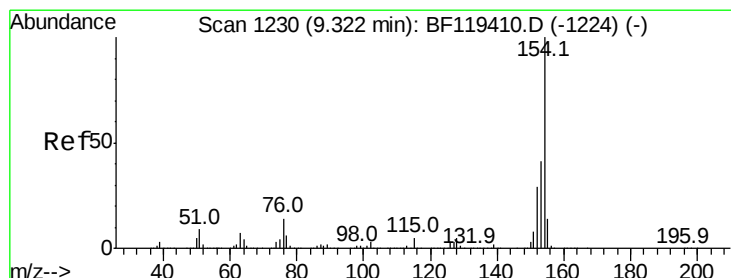
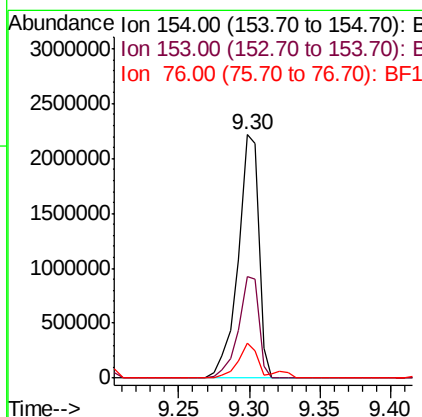
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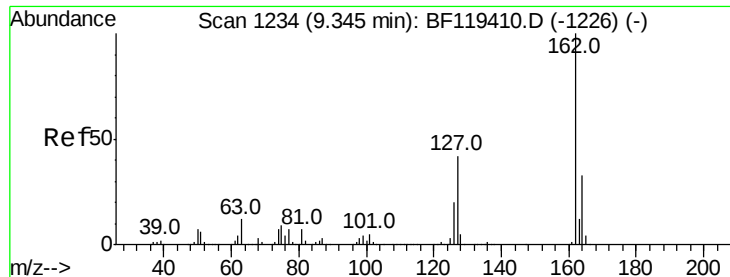
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#46
1,1'-Biphenyl
Concen: 52.663 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	14.3	0.0	33.0





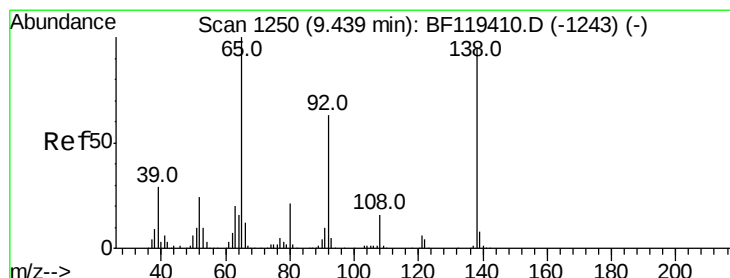
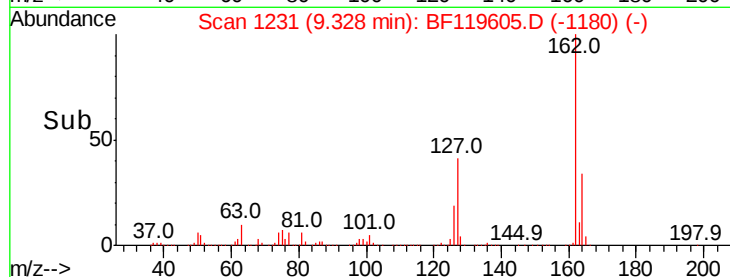
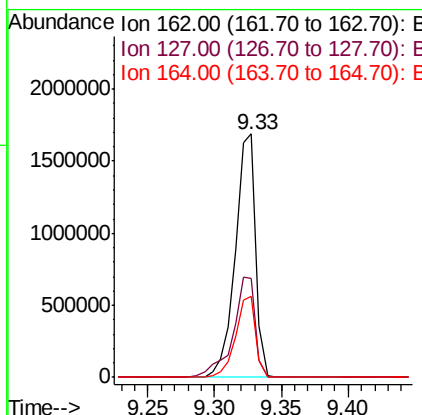
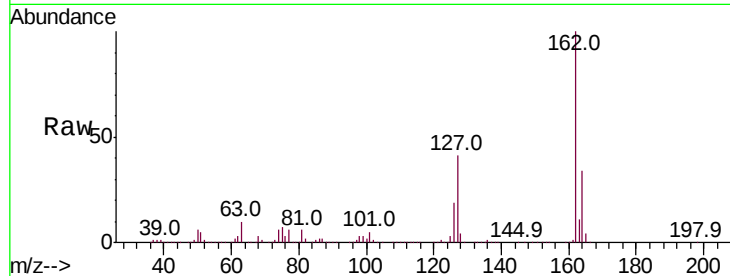
#47
2-Chloronaphthalene
Concen: 53.448 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.7	50.5
164	33.5	26.3	39.5

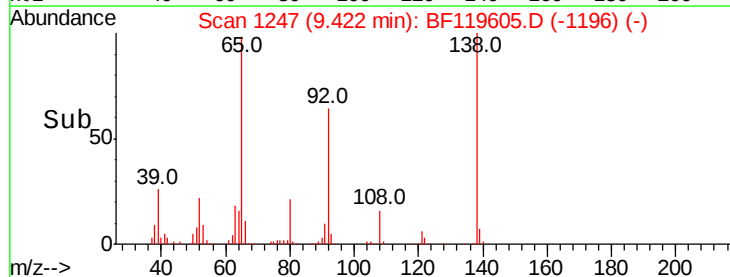
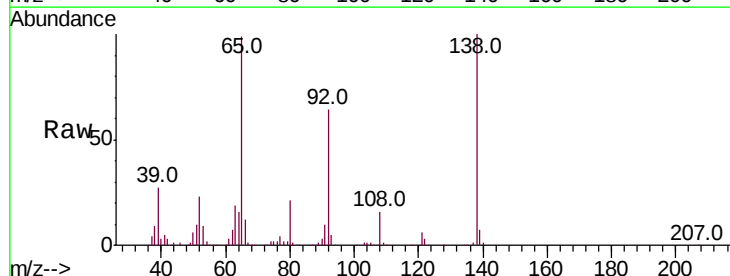
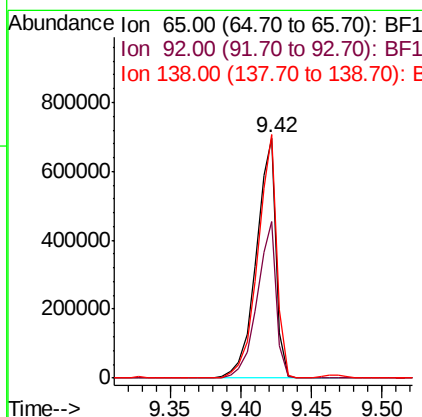
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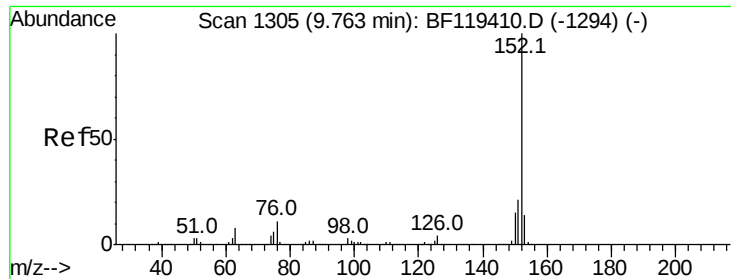
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#48
2-Nitroaniline
Concen: 59.350 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	50.0	75.0
138	101.5	75.0	112.4





#49

Acenaphthylene

Concen: 53.296 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

ClientSampleId :

TP-13-SAMSD

Tot Ion:152 Resp: 2811776

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

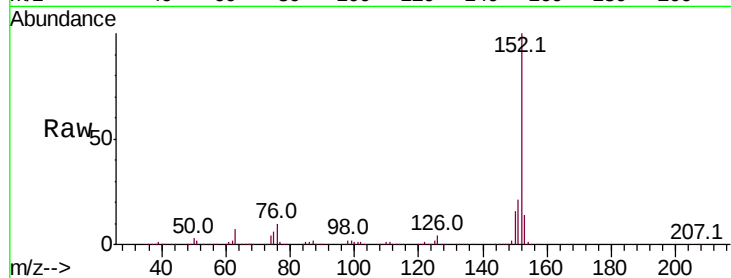
153 14.1 11.2 16.8

Manual Integrations

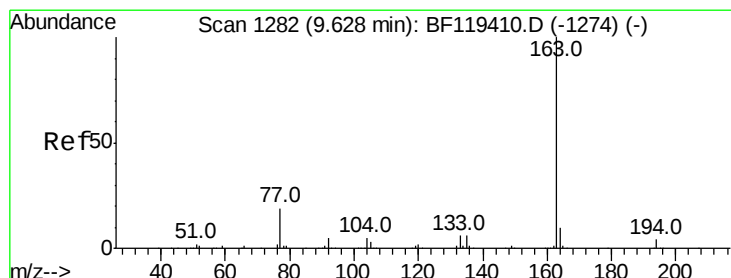
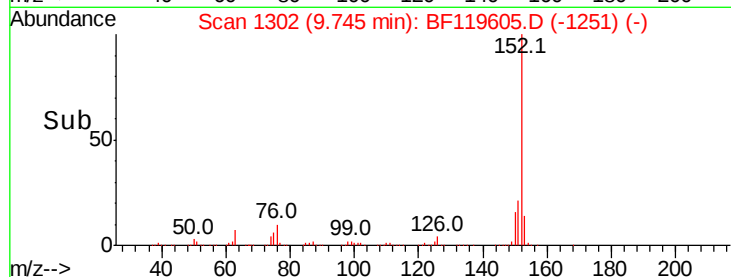
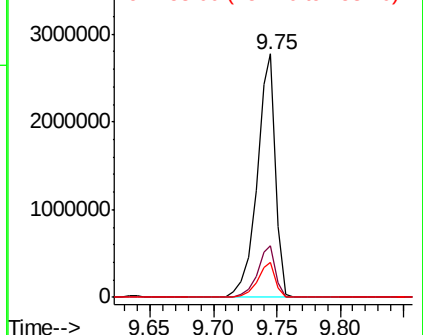
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.739 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

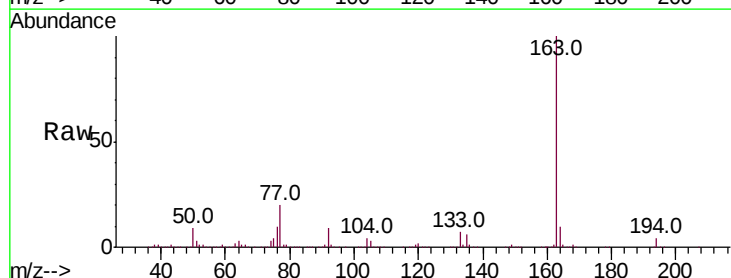
Tgt Ion:163 Resp: 2234546

Ion Ratio Lower Upper

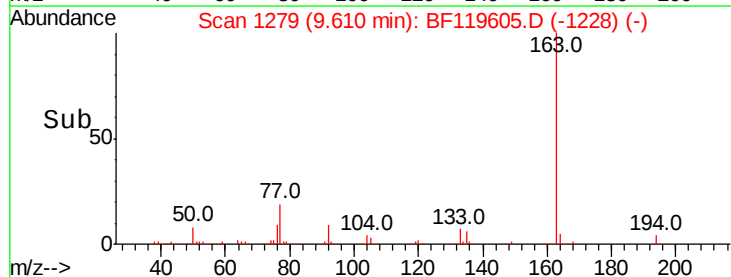
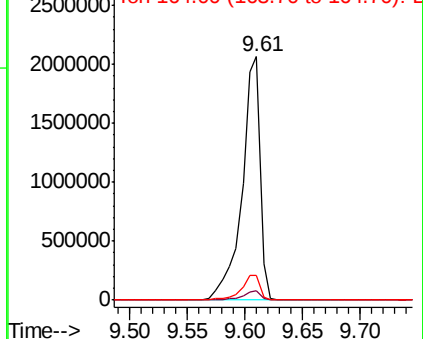
163 100

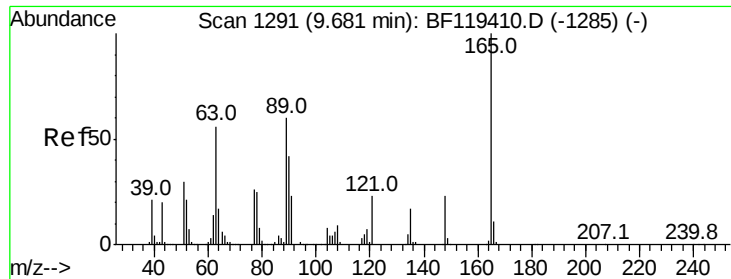
194 4.1 3.1 4.7

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





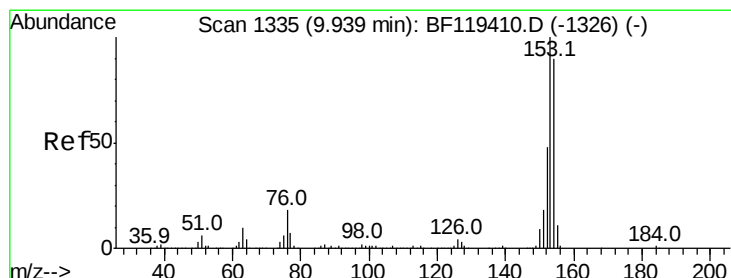
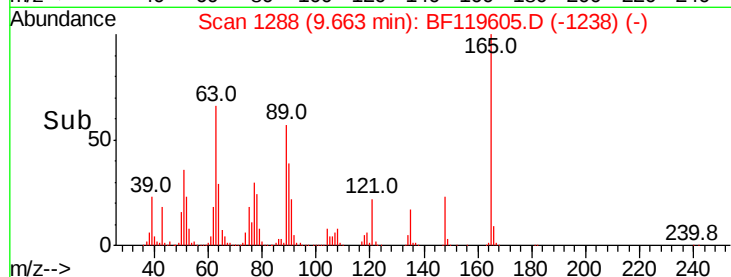
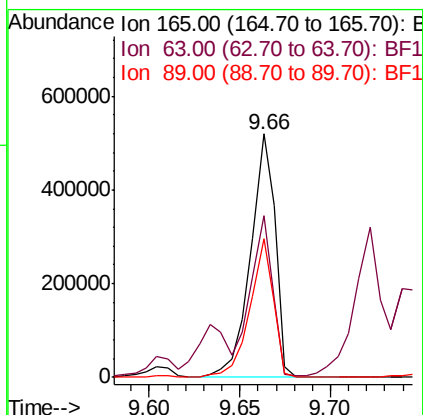
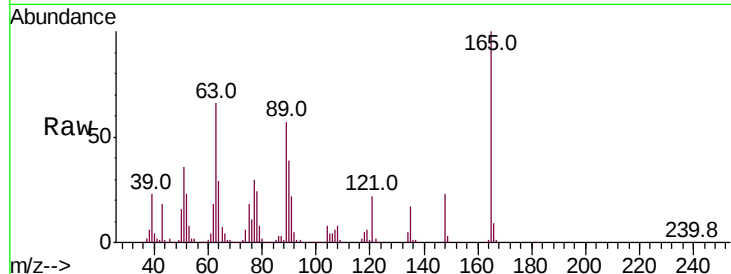
#51
2,6-Dinitrotoluene
Concen: 61.403 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	492301		
63	66.4	45.0	67.4	
89	57.1	41.5	62.3	

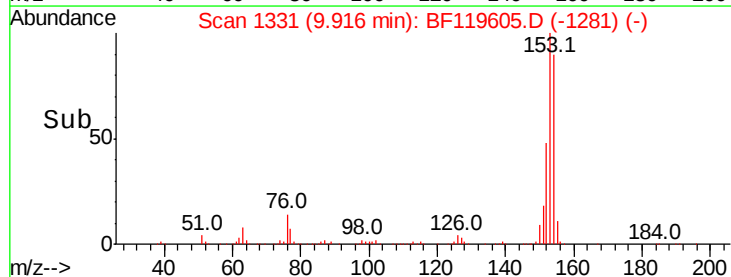
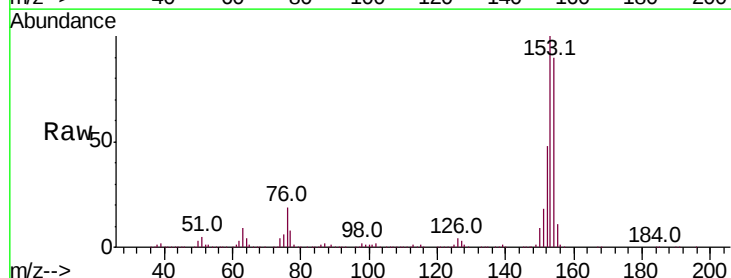
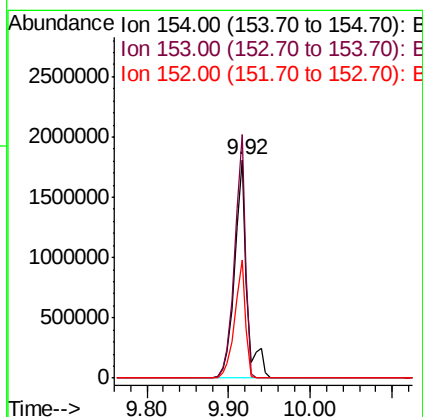
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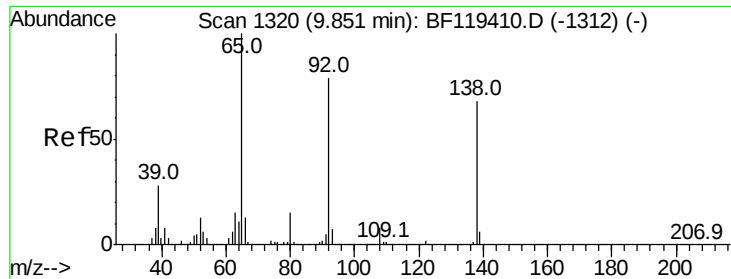
mohammad
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#52
Acenaphthene
Concen: 57.980 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1906940		
153	111.4	88.1	132.1	
152	53.9	43.0	64.4	





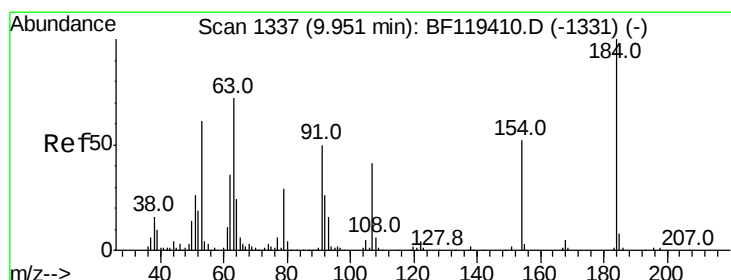
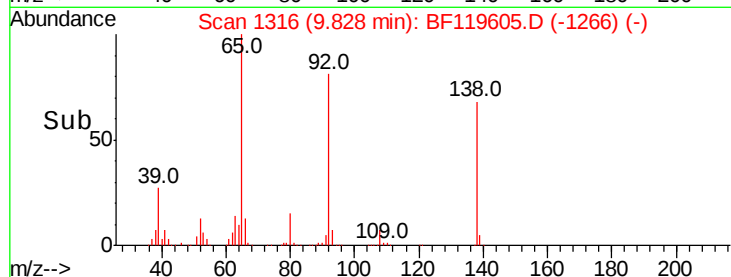
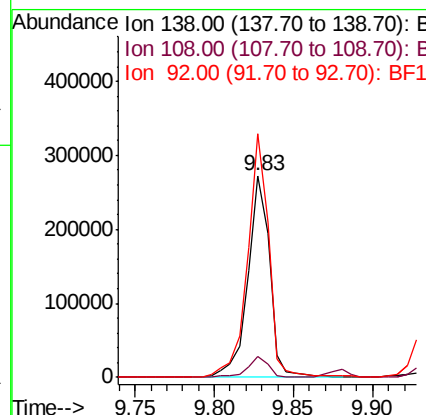
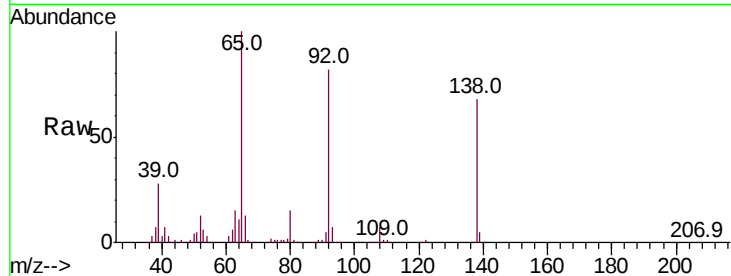
#53
3-Nitroaniline
Concen: 25.597 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	259090		
108	10.3	8.6	13.0	
92	120.9	95.4	143.0	

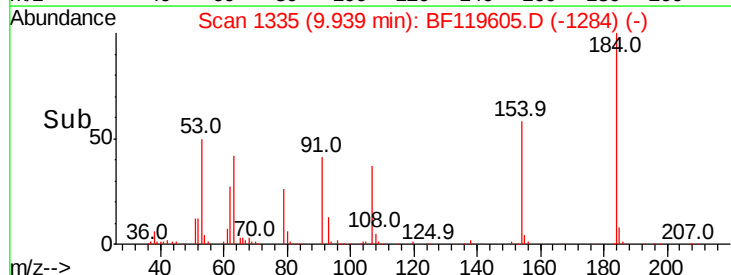
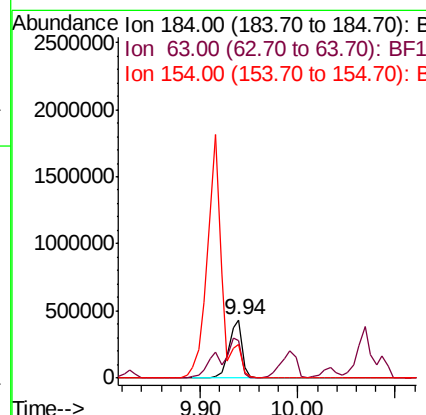
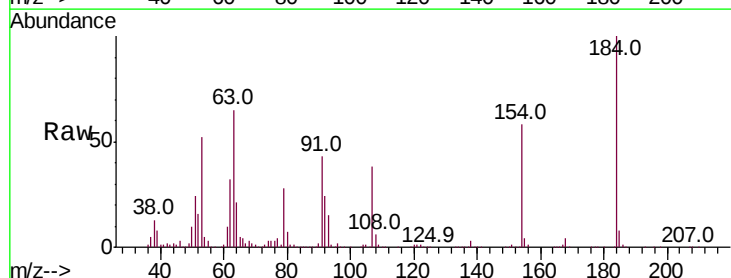
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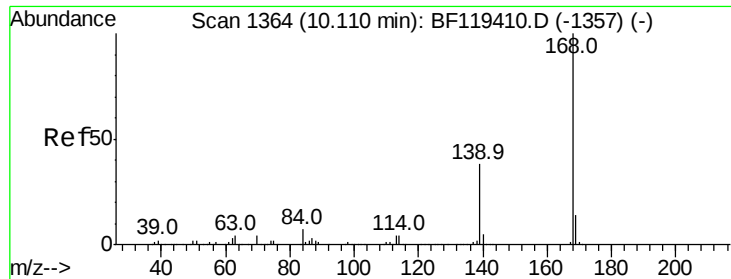
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#54
2,4-Dinitrophenol
Concen: 113.008 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	403503		
63	64.6	50.2	75.4	
154	57.7	44.5	66.7	





#55

Dibenzofuran

Concen: 53.493 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

ClientSampleId :

TP-13-SAMSD

Tot Ion:168 Resp: 2522467

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

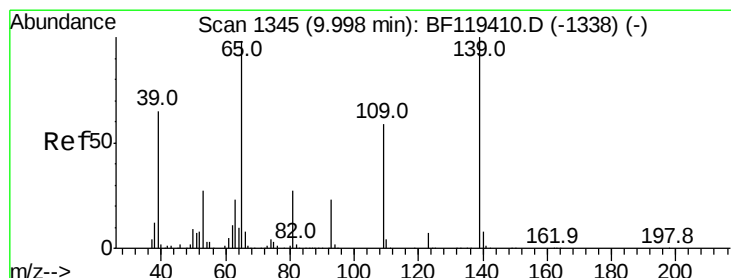
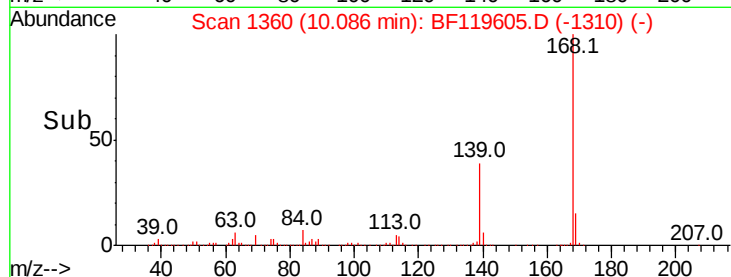
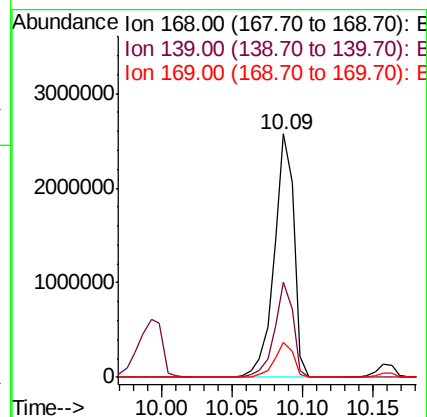
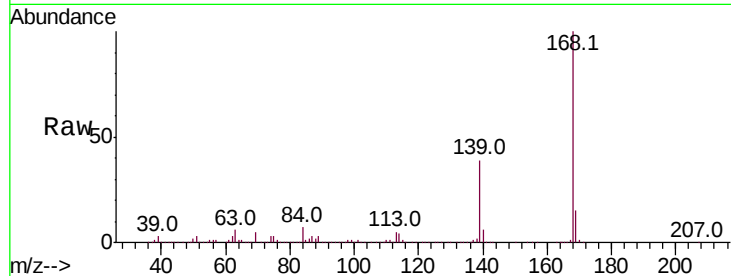
169 14.6 11.0 16.6

Manual Integrations

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#56

4-Nitrophenol

Concen: 93.808 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

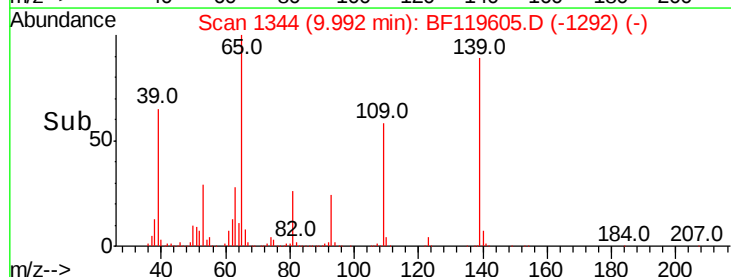
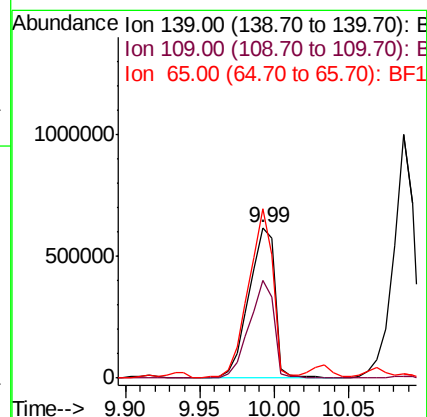
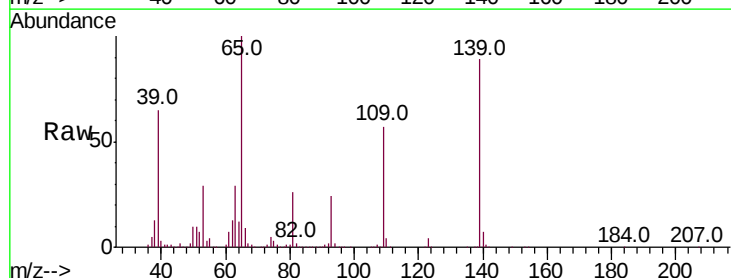
Tgt Ion:139 Resp: 749052

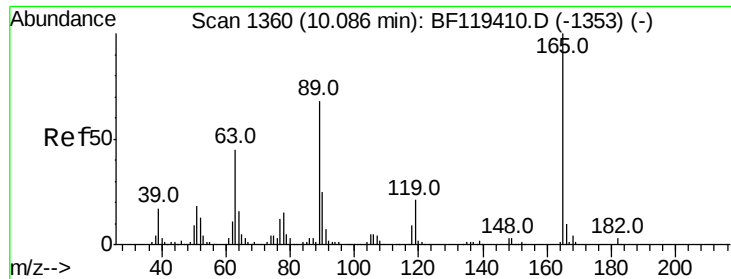
Ion Ratio Lower Upper

139 100

109 64.9 43.3 83.3

65 112.9 91.0 131.0





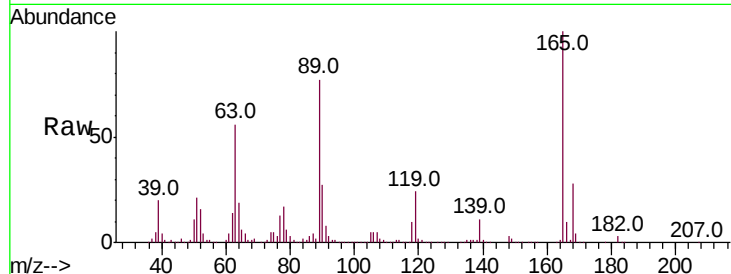
#57
2,4-Dinitrotoluene
Concen: 64.343 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	649860		
63	55.7	42.6	64.0	
89	77.0	61.0	91.4	
182	2.6	2.2	3.2	

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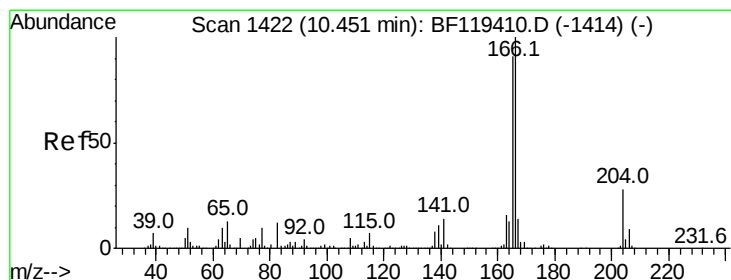
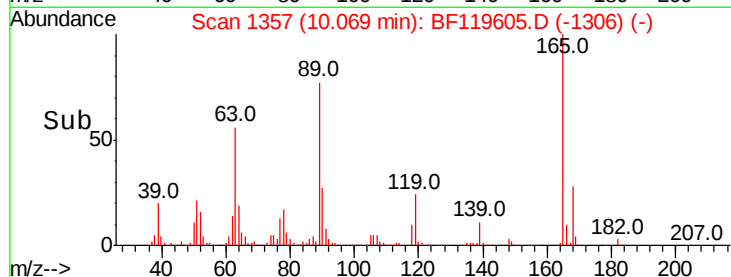
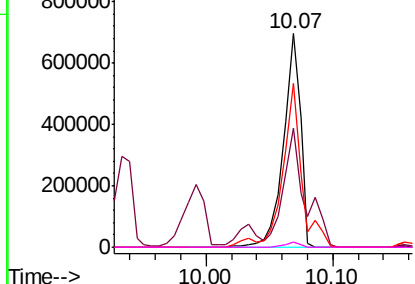
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.516 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

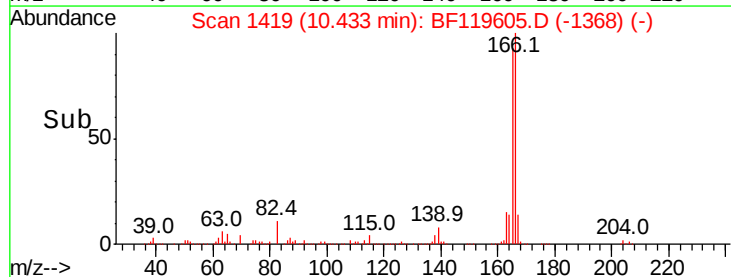
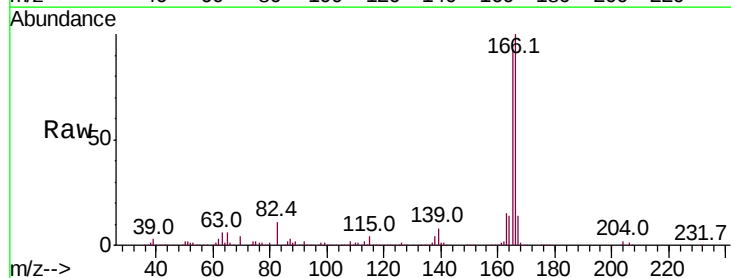
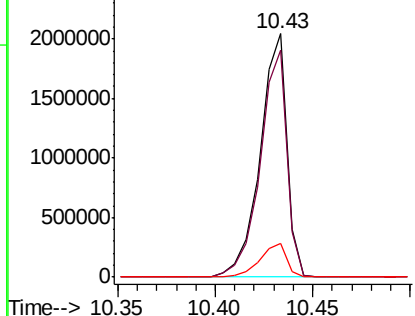
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1935912		
165	93.1	75.4	113.2	
167	13.7	11.2	16.8	

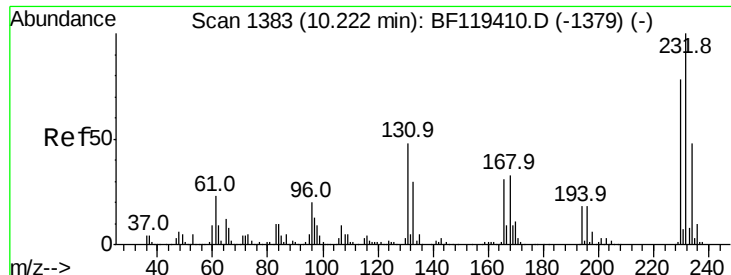
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





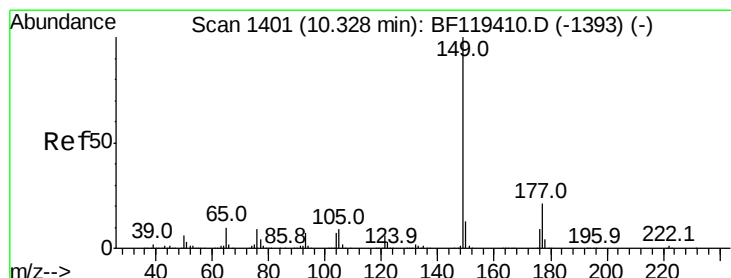
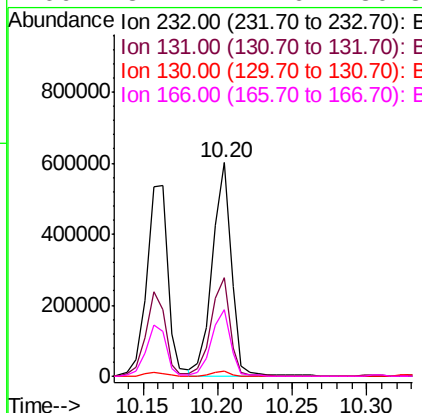
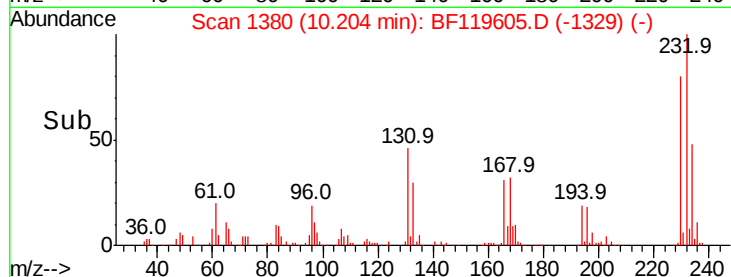
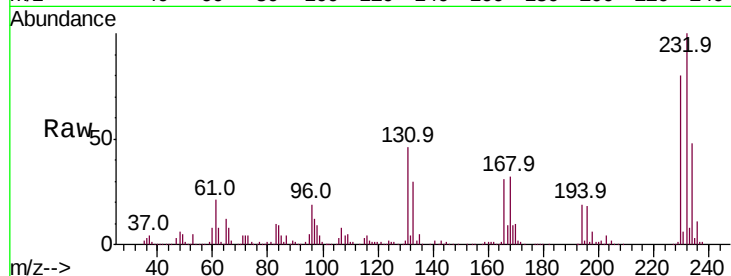
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.702 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.5	56.3
130	2.2	1.8	2.6
166	31.2	24.6	36.8

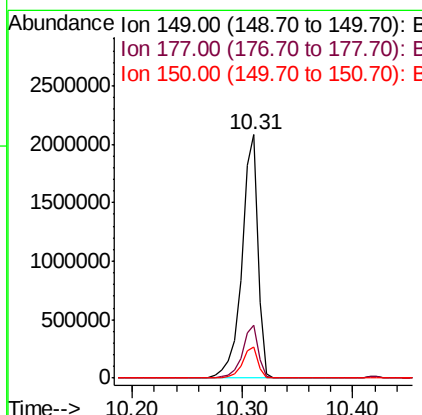
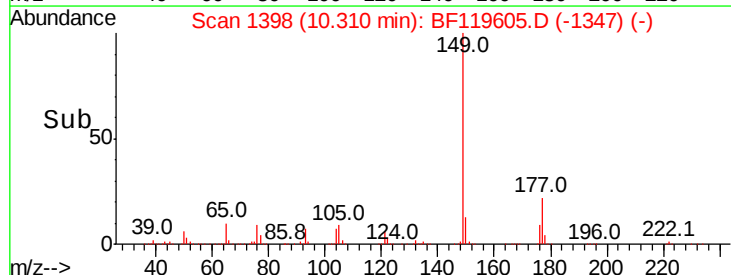
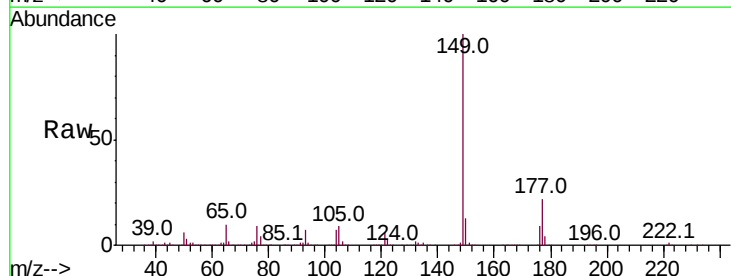
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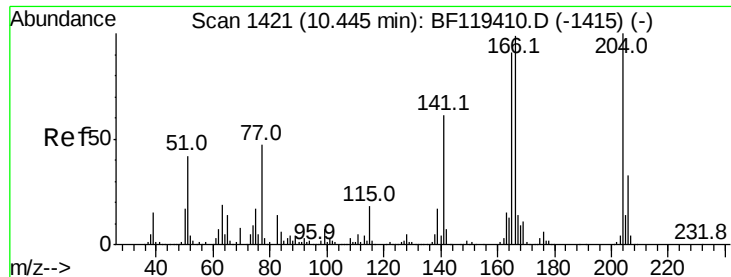
mohammad
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#60
 Diethylphthalate
 Concen: 55.747 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.7	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 53.256 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

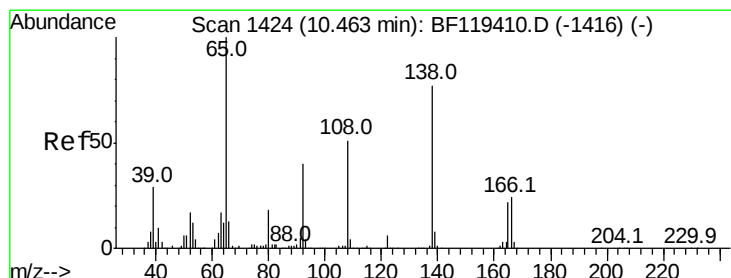
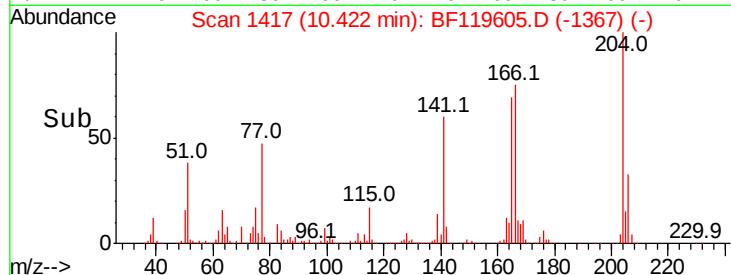
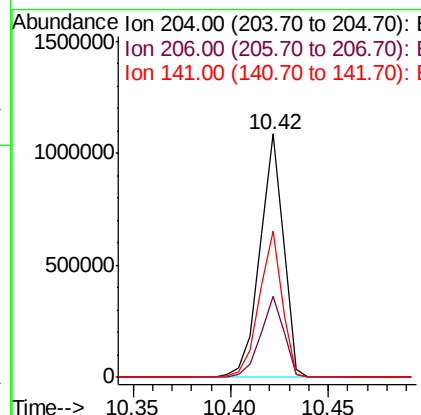
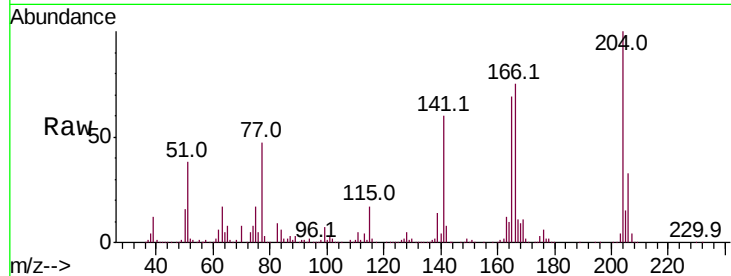
ClientSampled :

TP-13-SAMSD

Tot Ion:	204	Resp:	908145
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	60.3	47.3	70.9

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#62

4-Nitroaniline

Concen: 52.322 ng

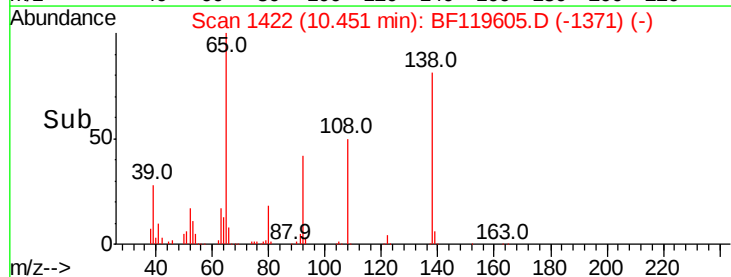
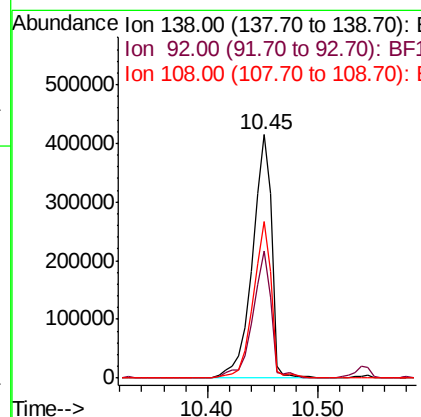
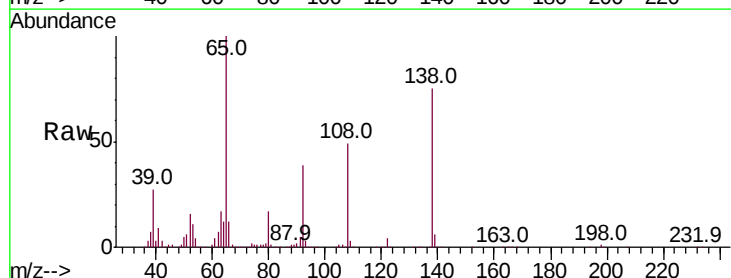
RT: 10.45 min Scan# 1422

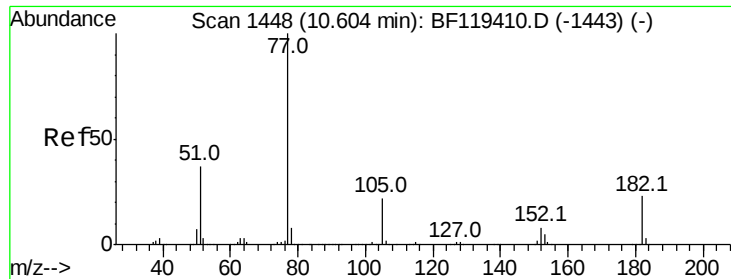
Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	138	Resp:	507858
Ion Ratio	Lower	Upper	
138	100		
92	52.2	31.5	71.5
108	64.4	45.8	85.8





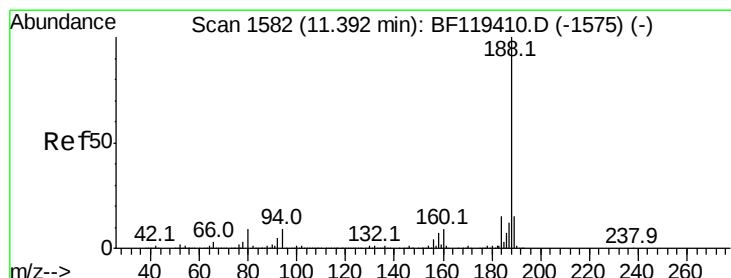
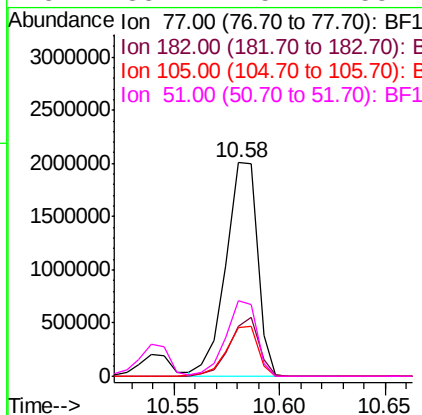
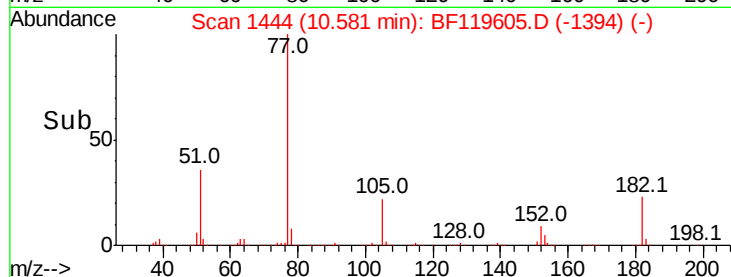
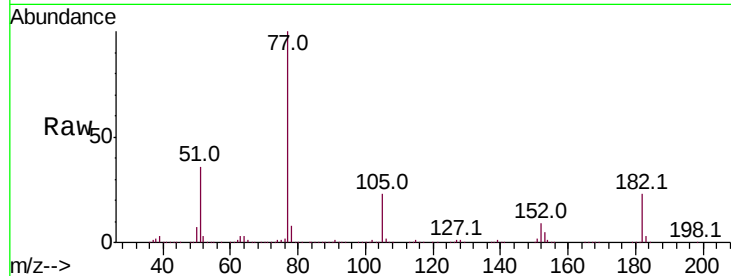
#63
Azobenzene
Concen: 54.372 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion: 77 Resp: 2078661
Ion Ratio Lower Upper
77 100
182 23.3 4.4 44.4
105 22.9 2.6 42.6
51 35.7 15.1 55.1

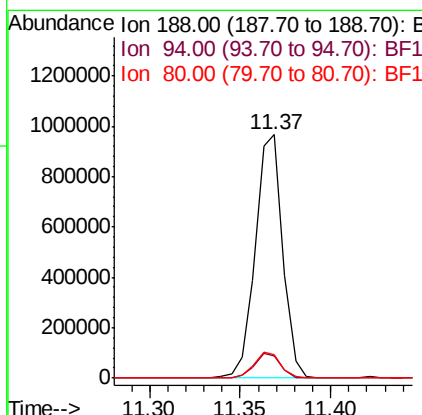
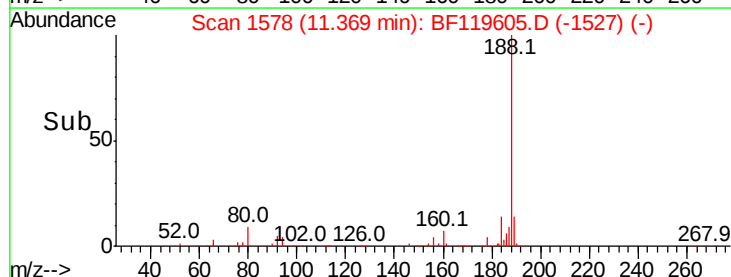
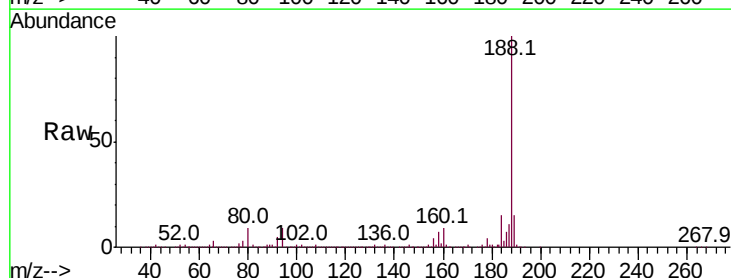
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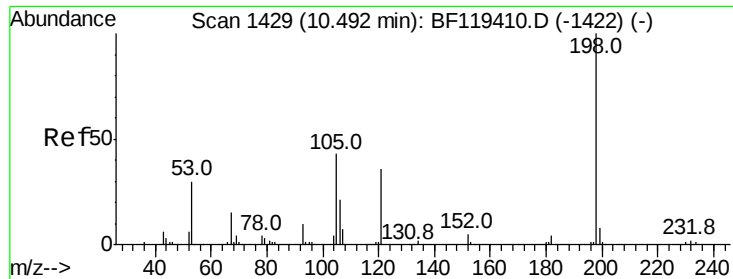
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion: 188 Resp: 1010319
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.5 9.0 13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 69.761 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

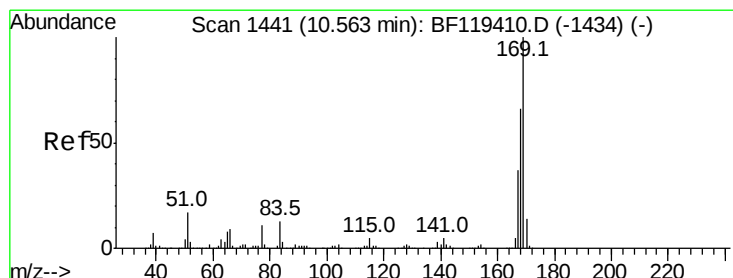
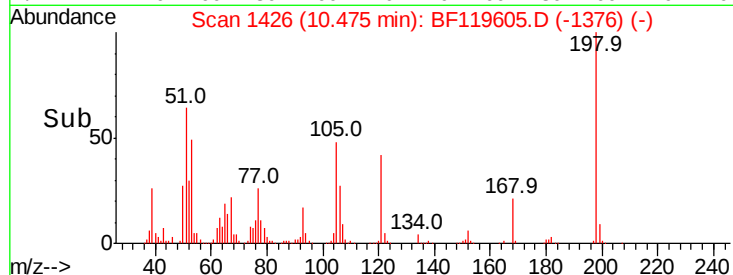
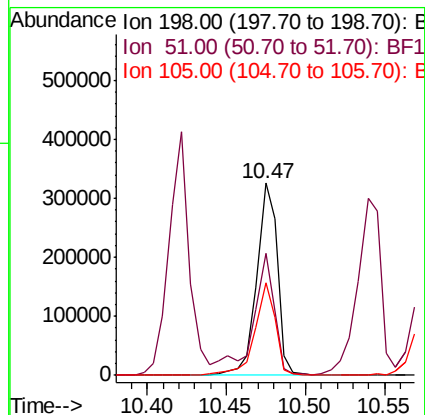
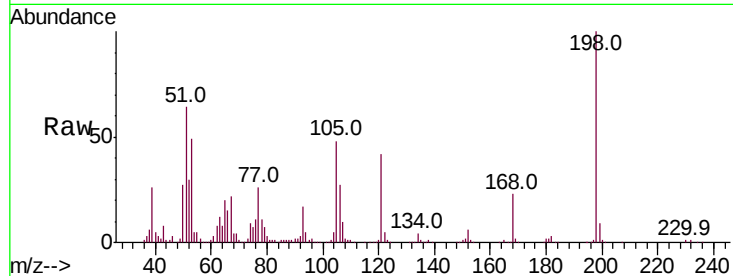
ClientSampled :

TP-13-SAMSD

Tot Ion:	198	Resp:	295544
Ion Ratio	Lower	Upper	
198	100		
51	63.6	29.0	69.0
105	48.2	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 53.990 ng

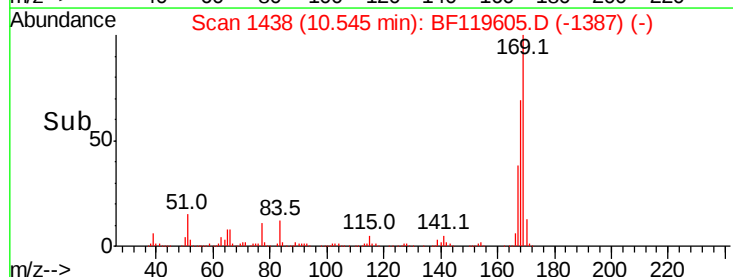
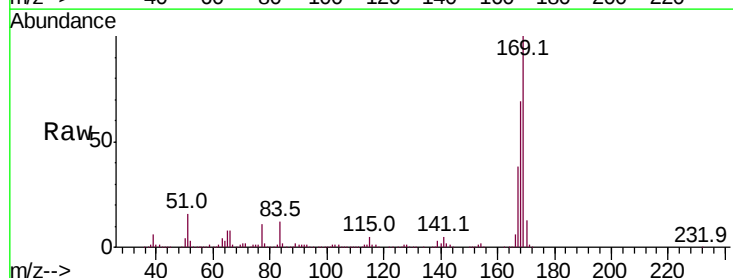
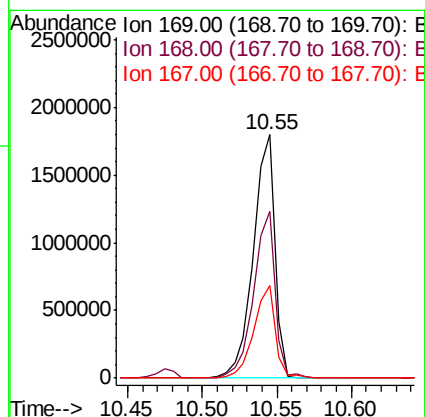
RT: 10.55 min Scan# 1438

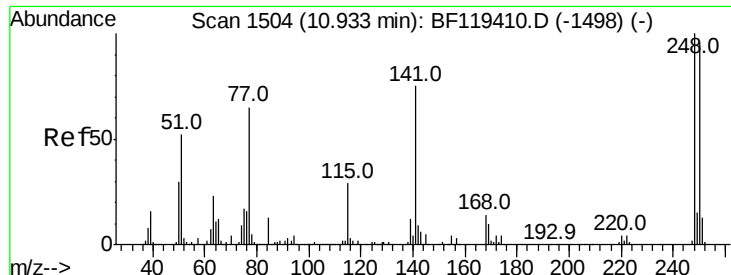
Delta R.T. 0.00 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	169	Resp:	1790711
Ion Ratio	Lower	Upper	
169	100		
168	68.6	53.2	79.8
167	38.0	29.1	43.7





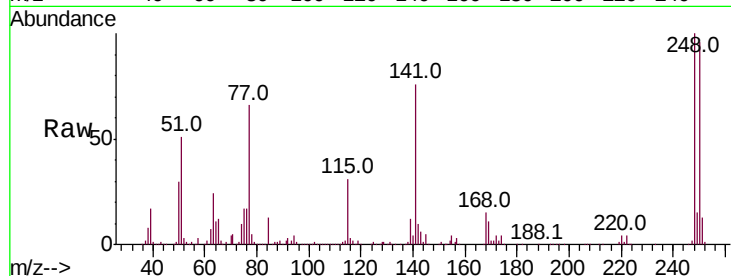
#67
 4-Bromophenyl-phenylether
 Concen: 52.481 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.3	115.9
141	76.3	58.6	87.8

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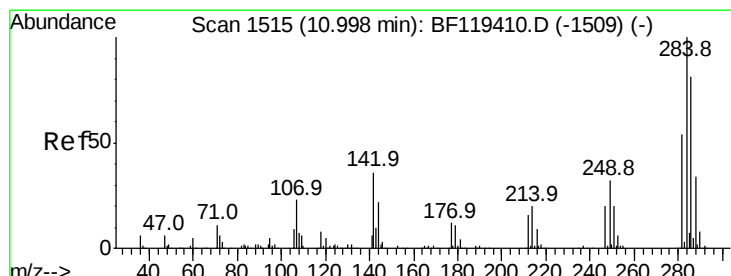
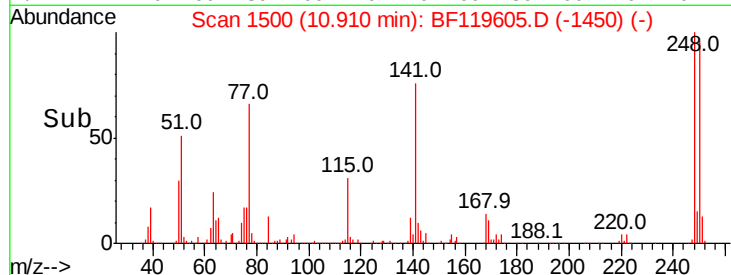
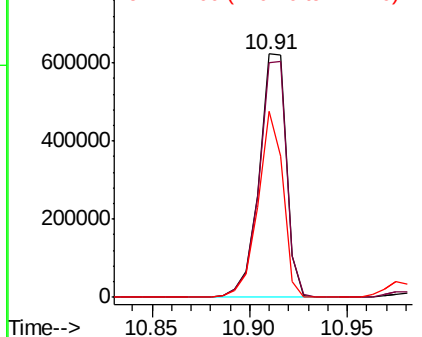


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 55.884 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

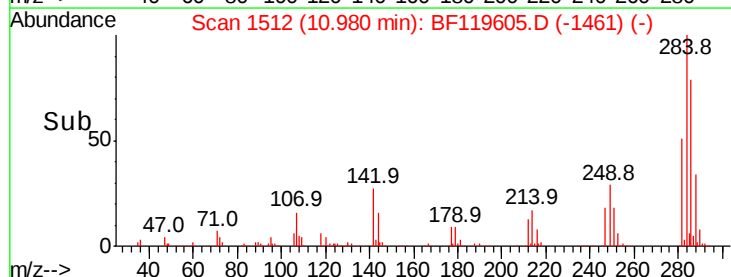
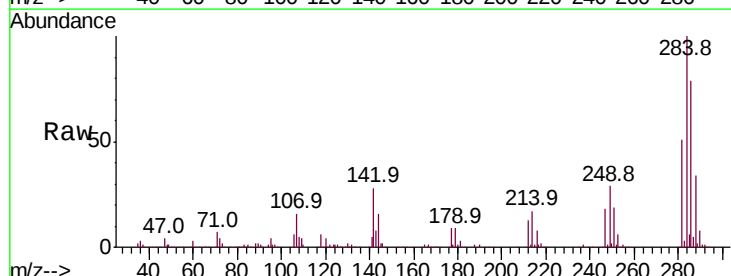
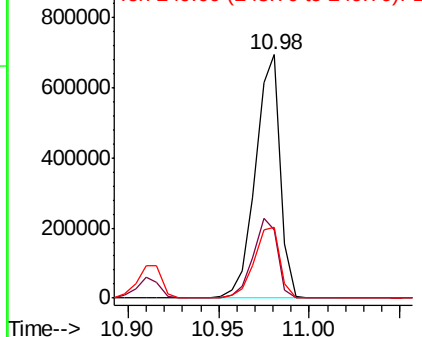
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	29.2	43.8#
249	29.3	25.1	37.7

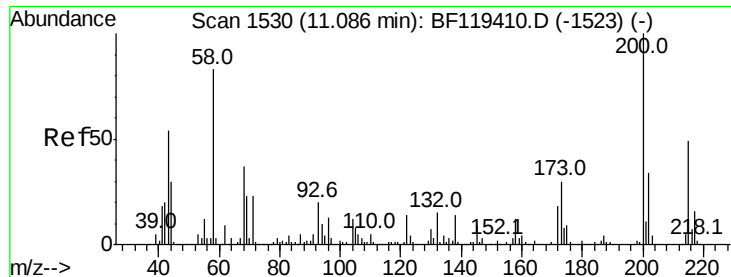
Abundance

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





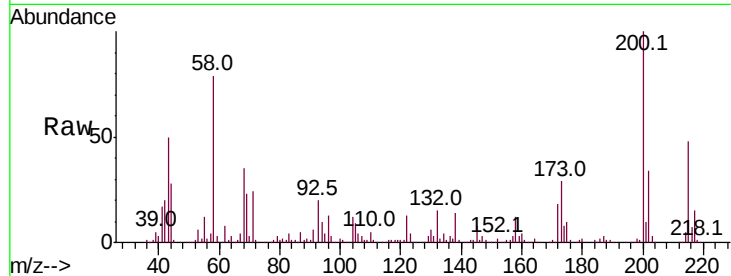
#69
Atrazine
Concen: 59.726 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

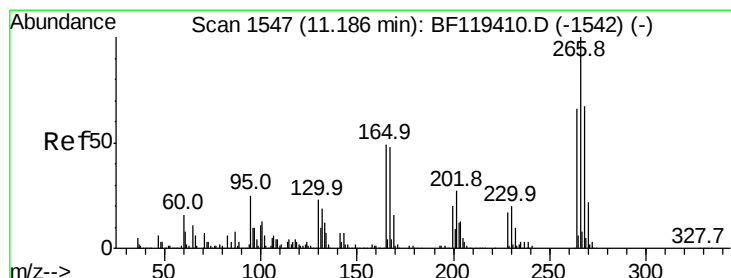
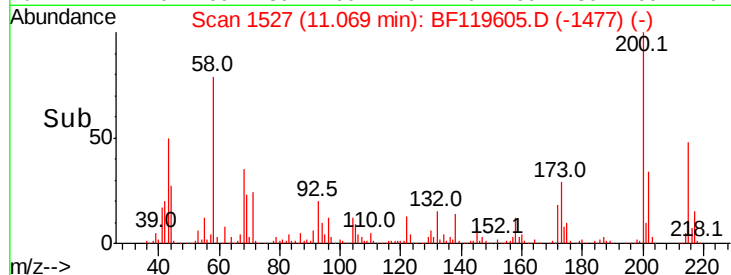
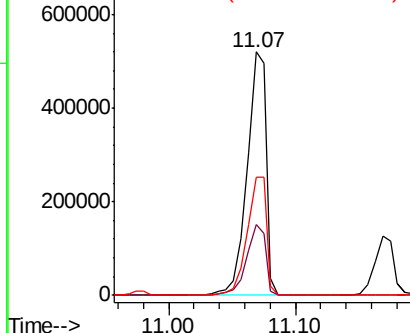
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	9.3	49.3
215	48.3	29.5	69.5

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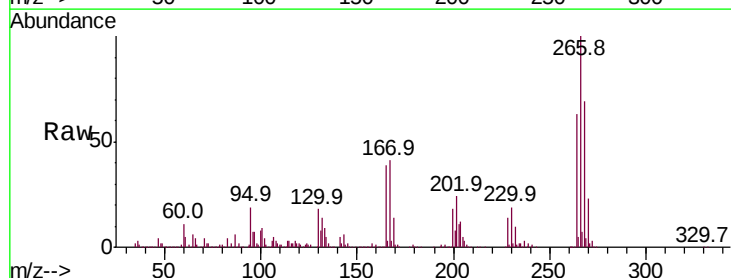


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

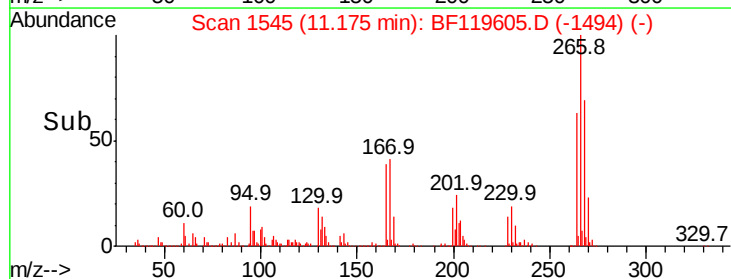
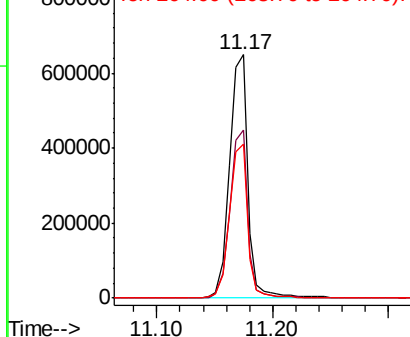


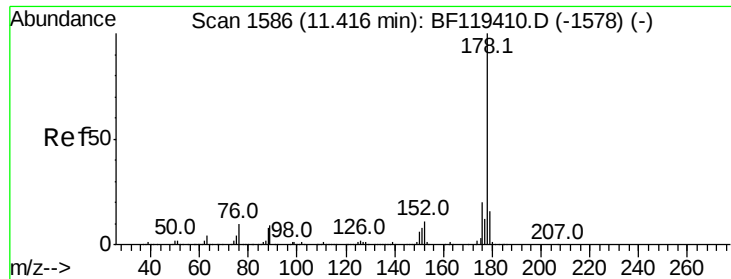
#70
Pentachlorophenol
Concen: 103.426 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.1	53.3	79.9
264	63.1	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





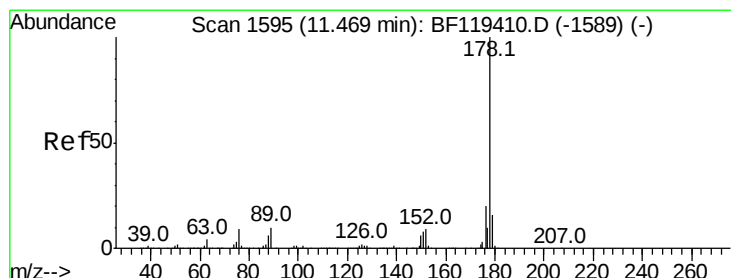
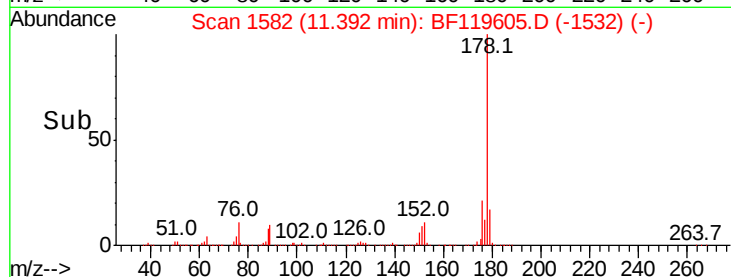
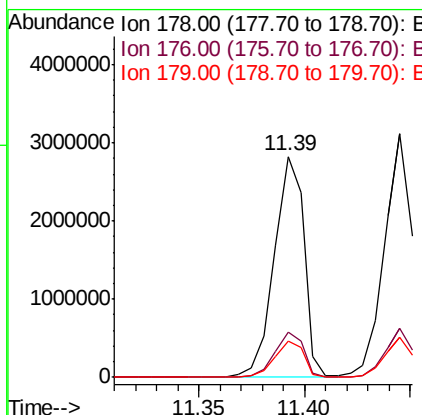
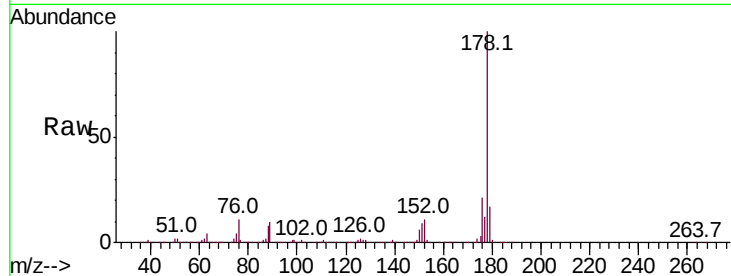
#71
Phenanthrene
Concen: 53.172 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion:178 Resp: 2785543
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.7 13.2 19.8

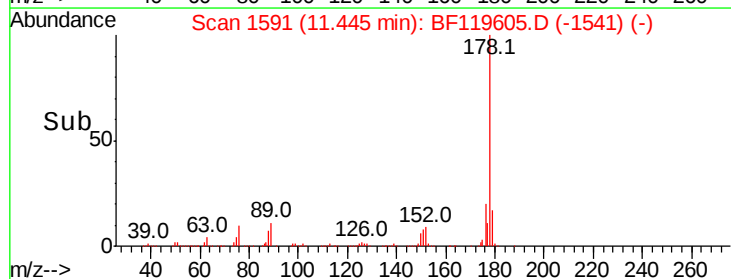
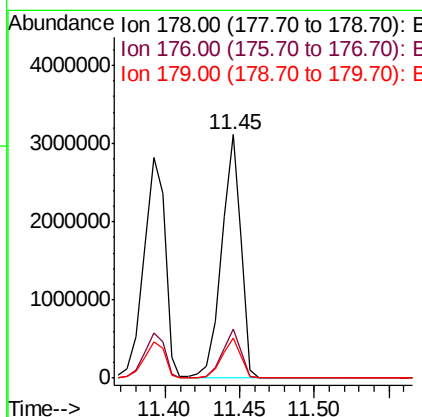
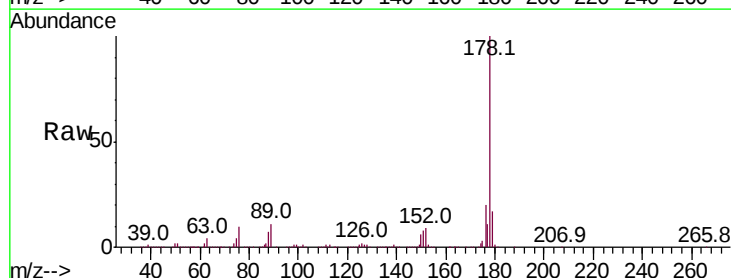
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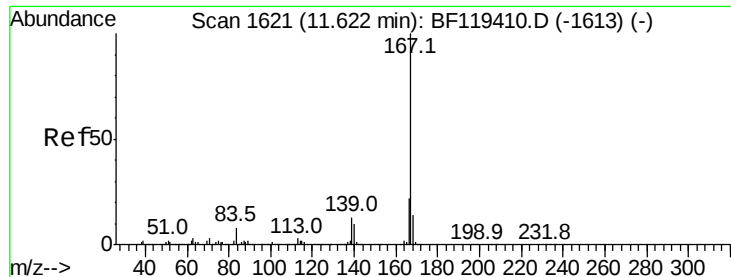
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#72
Anthracene
Concen: 53.497 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:178 Resp: 2848397
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.6 13.0 19.4





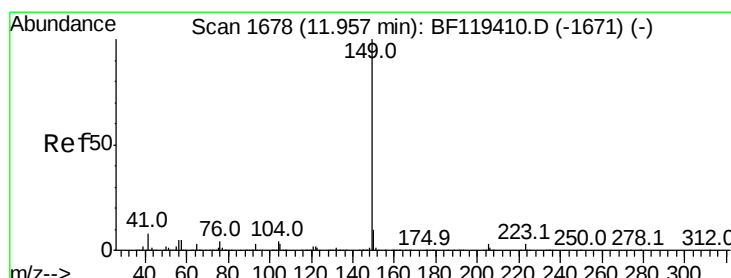
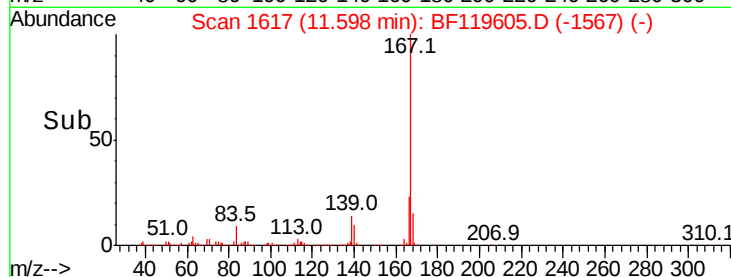
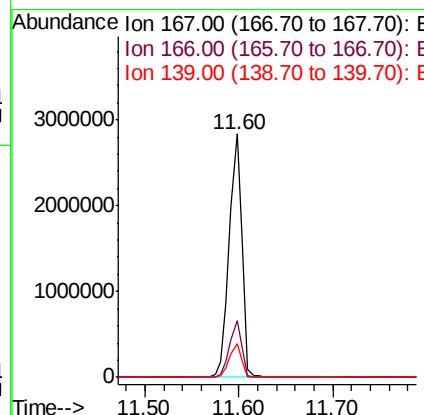
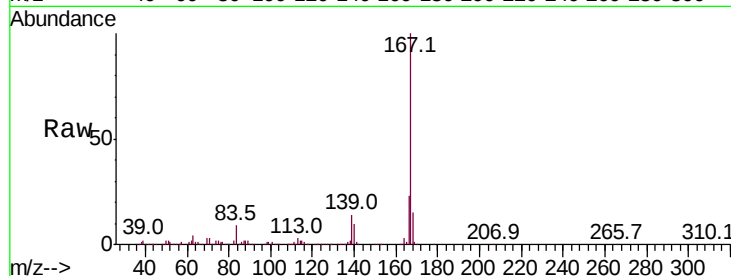
#73
 Carbazole
 Concen: 51.162 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	13.6	10.7	16.1

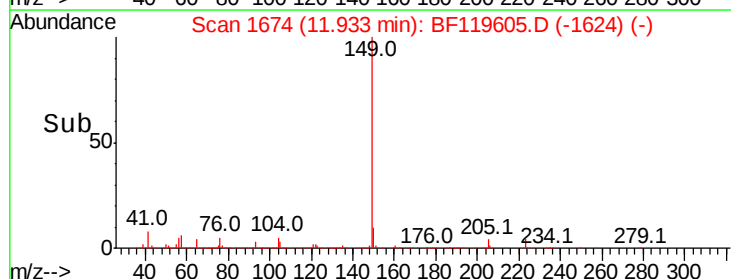
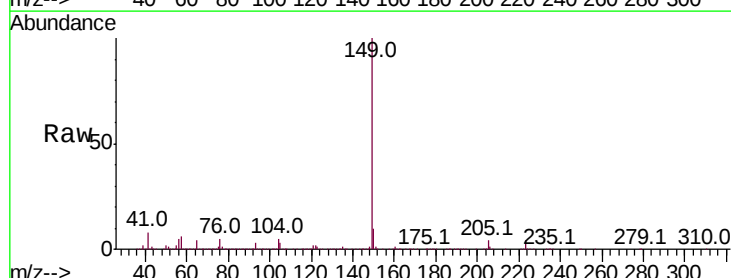
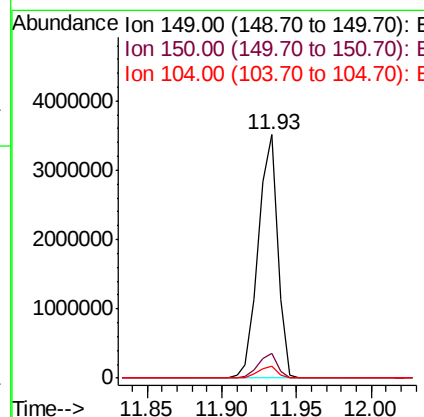
Manual Integrations
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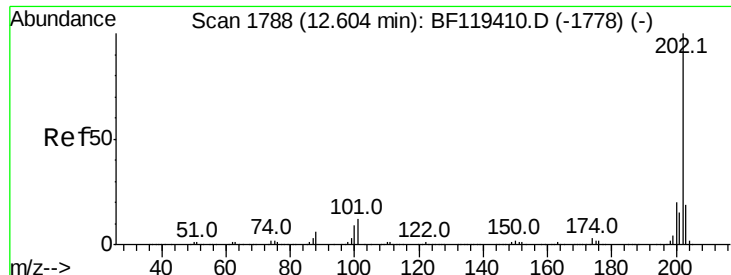
mohammad
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#74
 Di-n-butylphthalate
 Concen: 55.841 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.8
104	4.8	3.6	5.4





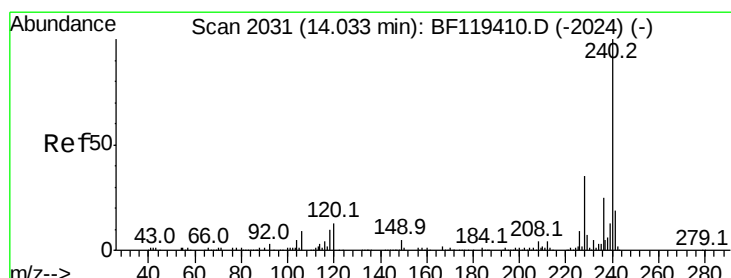
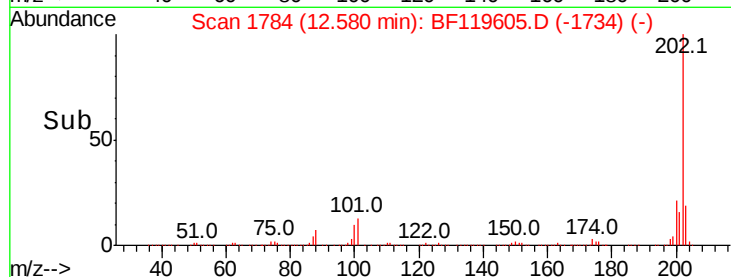
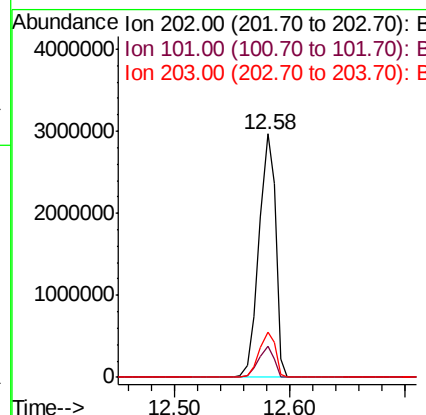
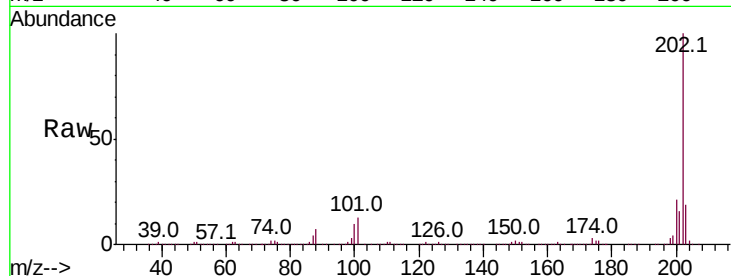
#75
Fluoranthene
Concen: 52.755 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2991015		
101	12.9	0.0	32.2	
203	18.8	0.0	38.8	

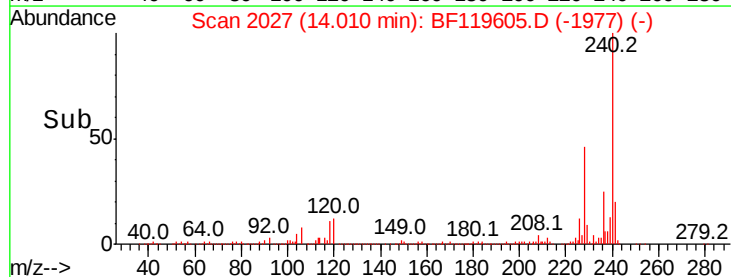
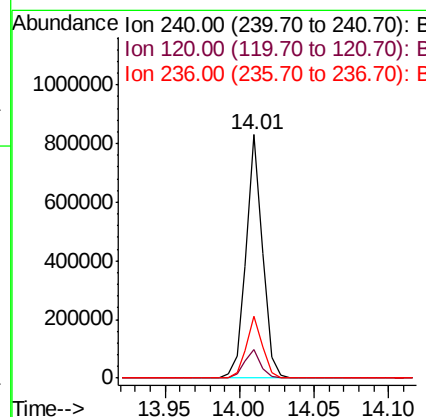
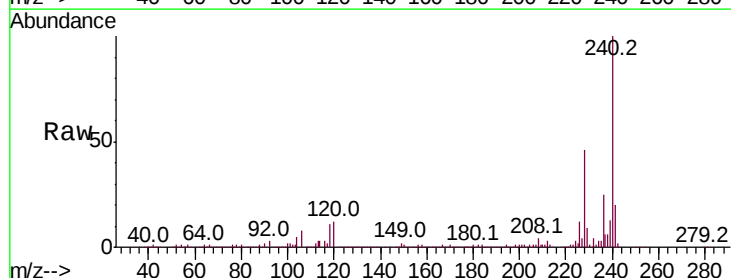
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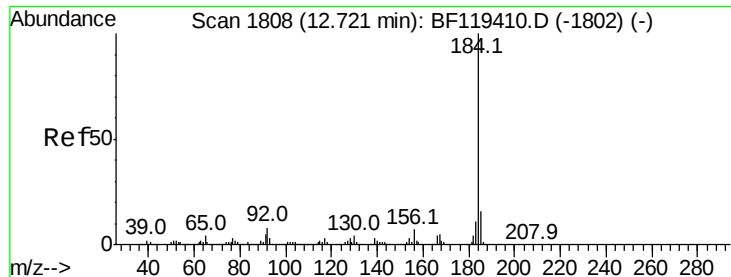
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	638461		
120	11.7	10.6	15.8	
236	25.4	20.2	30.2	





#77

Benzidine

Concen: 33.815 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

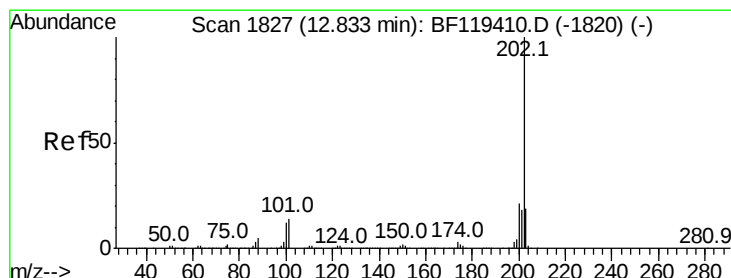
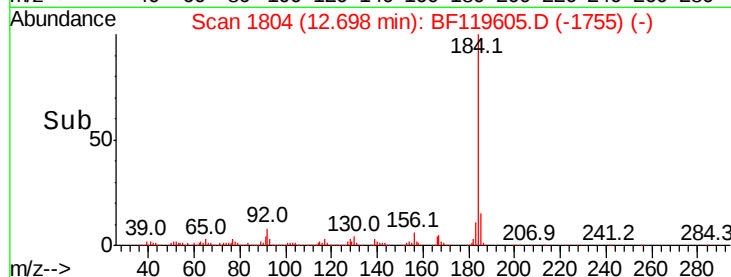
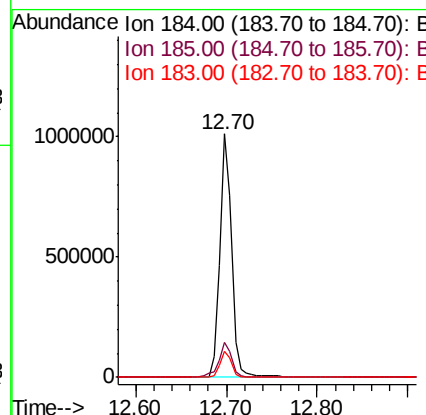
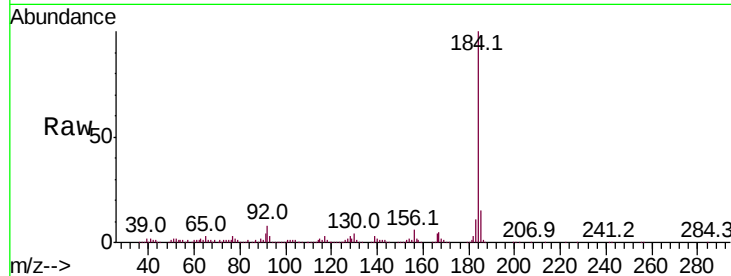
ClientSampled :

TP-13-SAMSD

Tot Ion:	184	Resp:	913685
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.3	18.5
183	10.9	9.0	13.6

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#78

Pyrene

Concen: 56.503 ng

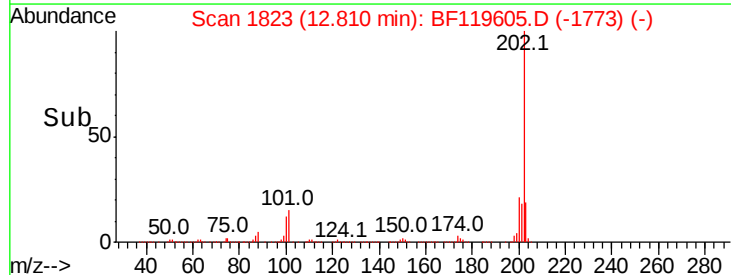
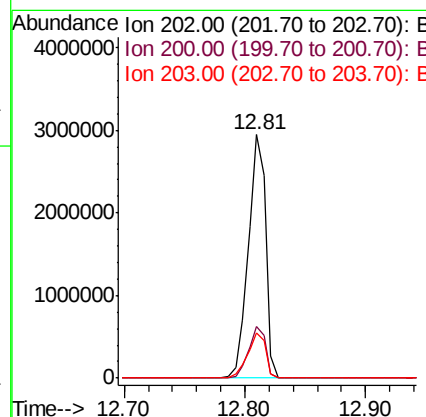
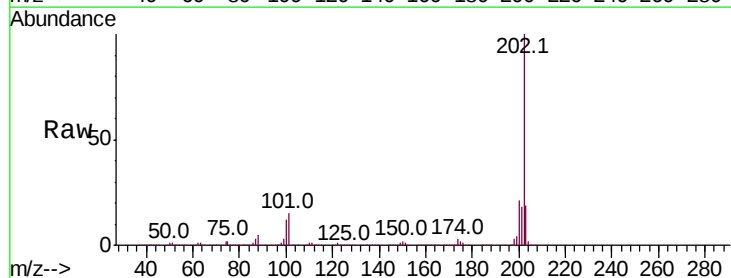
RT: 12.81 min Scan# 1823

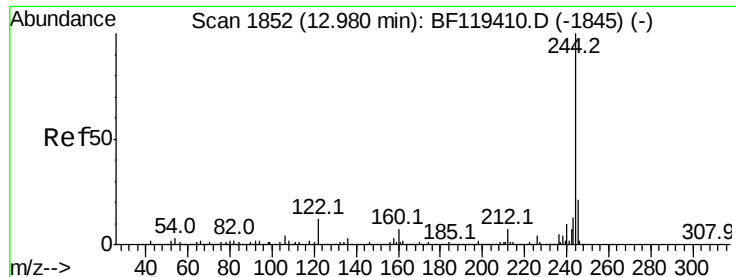
Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	202	Resp:	2960637
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	18.7	15.1	22.7





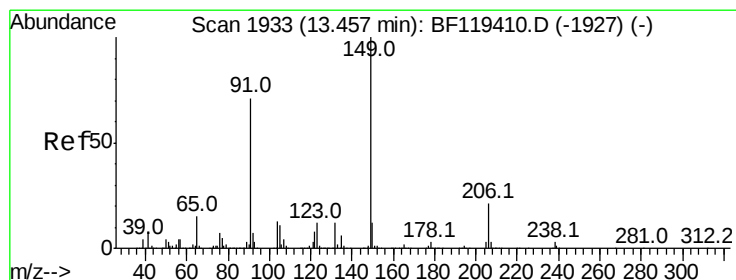
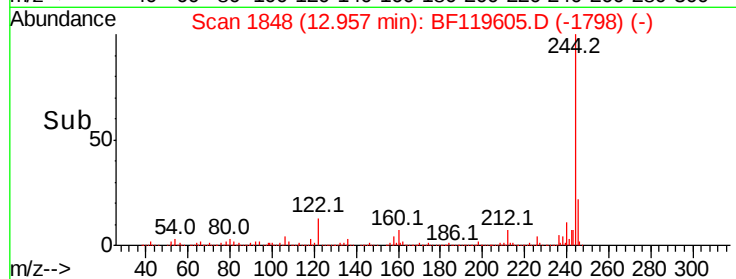
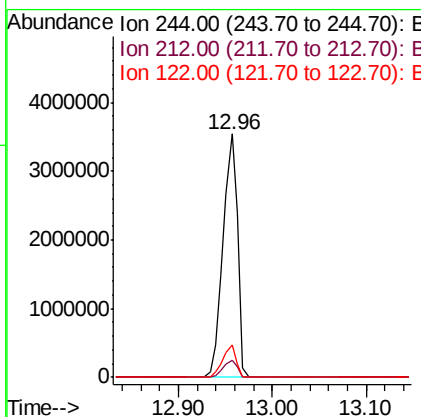
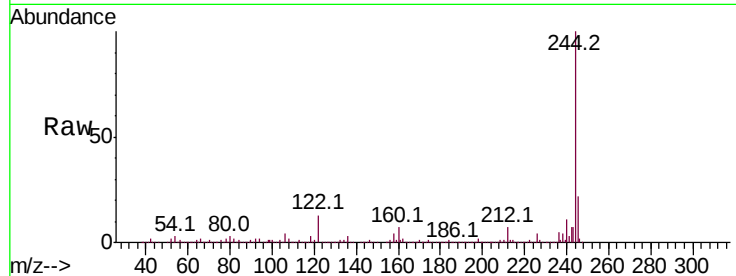
#79
 Terphenyl-d14
 Concen: 117.604 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion:244 Resp: 3832439
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.5 10.3 15.5

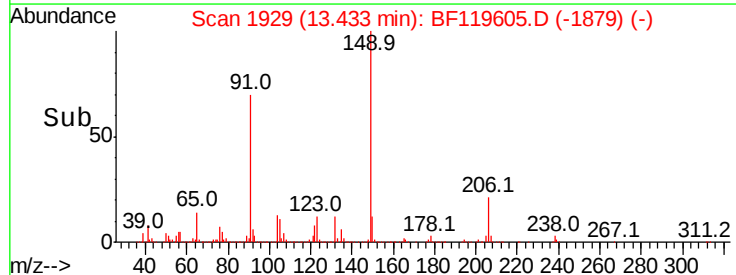
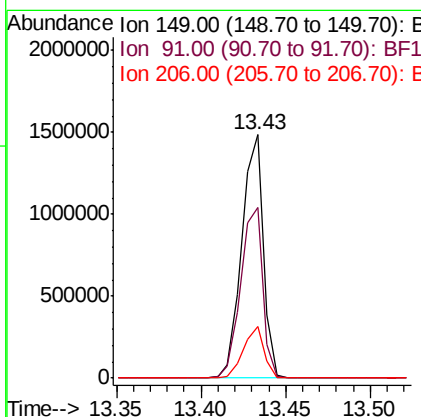
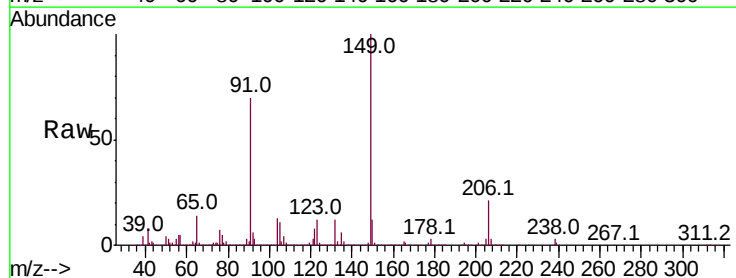
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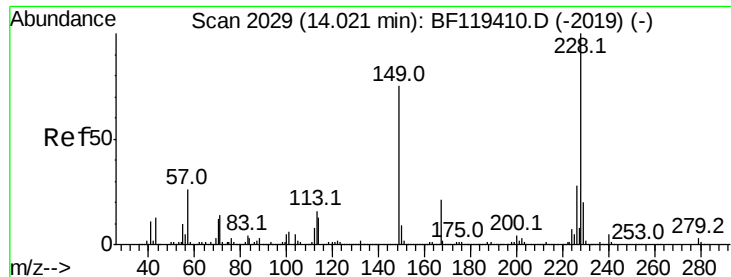
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#80
 Butylbenzylphthalate
 Concen: 62.561 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion:149 Resp: 1325831
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.7 82.1
 206 21.3 16.2 24.2





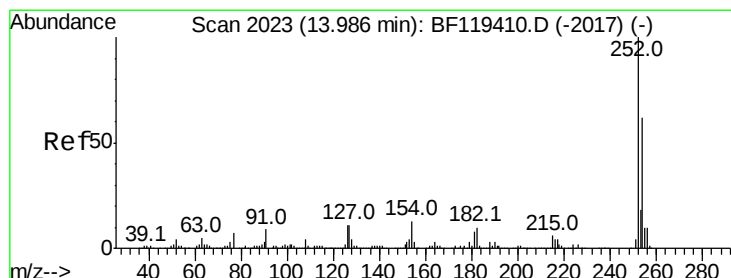
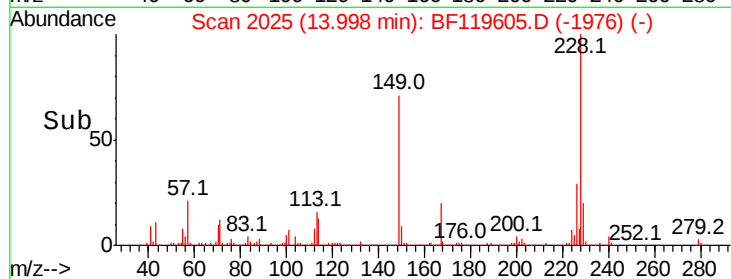
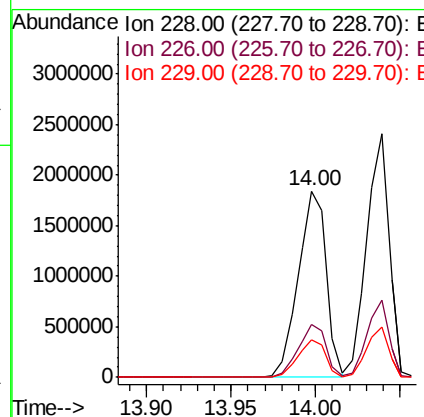
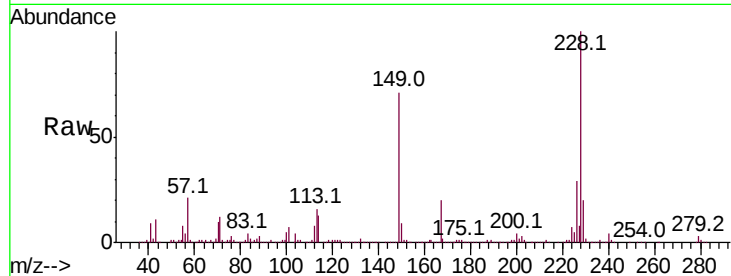
#81
Benzo(a)anthracene
Concen: 51.082 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion:228 Resp: 2120840
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.8
229 20.4 16.2 24.4

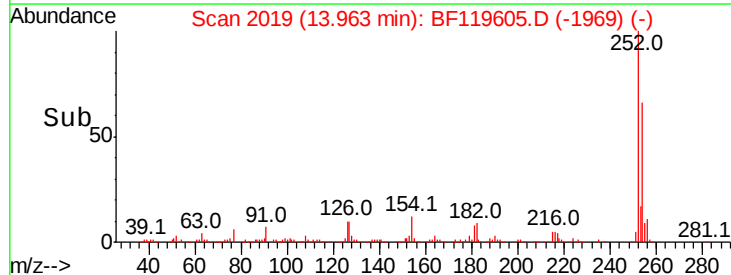
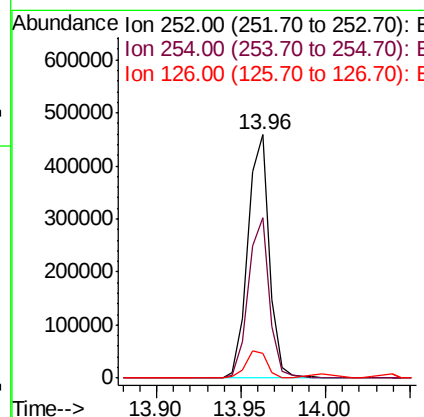
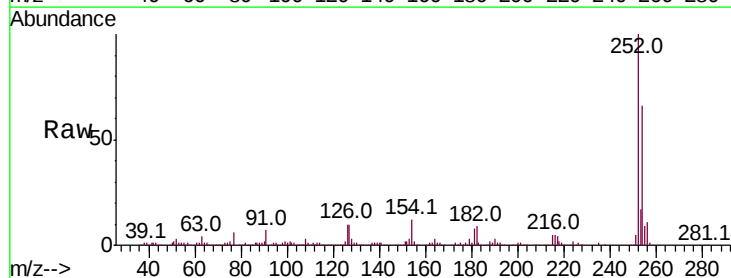
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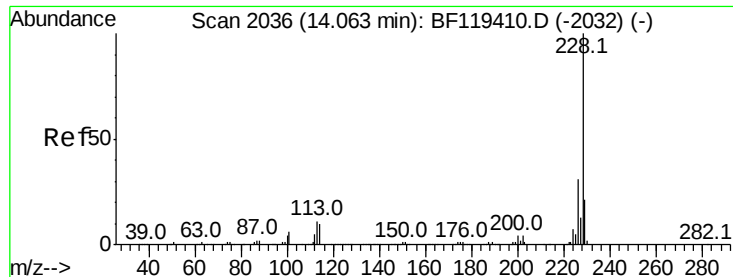
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.932 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:252 Resp: 408145
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 10.4 9.6 14.4





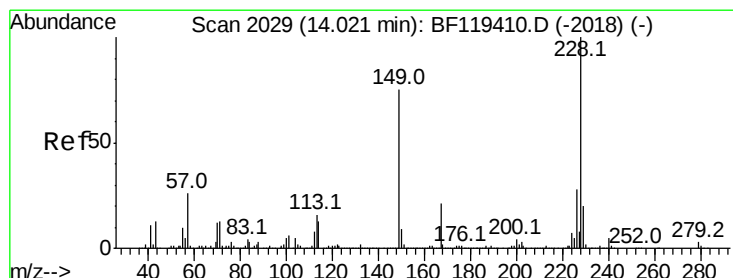
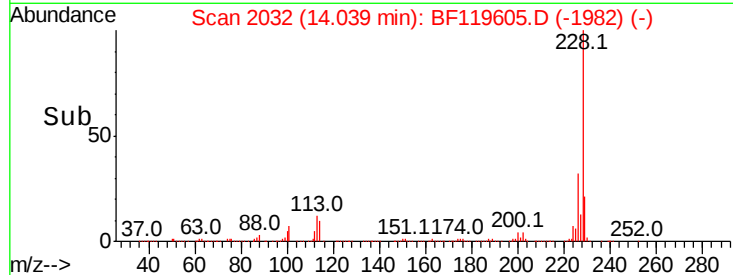
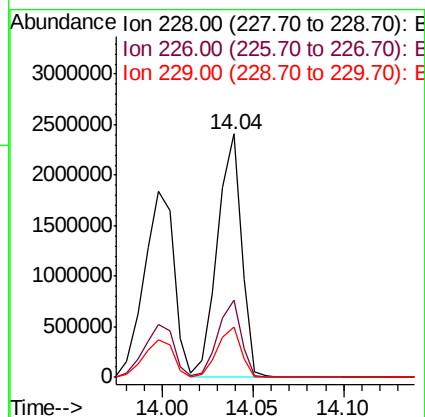
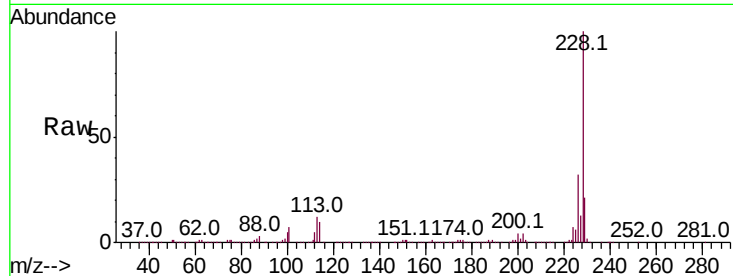
#83
 Chrvsene
 Concen: 52.055 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-SAMSD

Tot Ion:228 Resp: 2230487
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.6 16.6 24.8

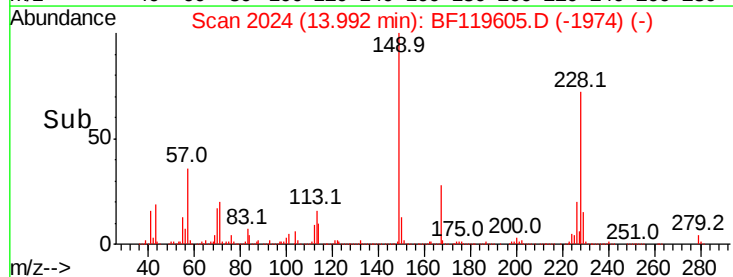
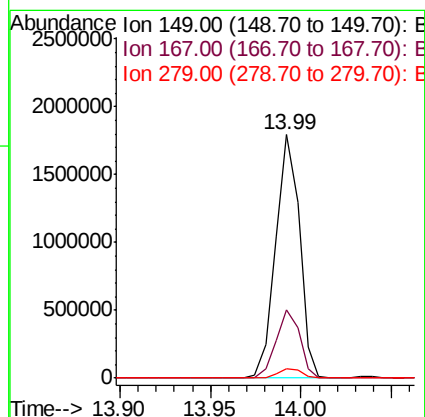
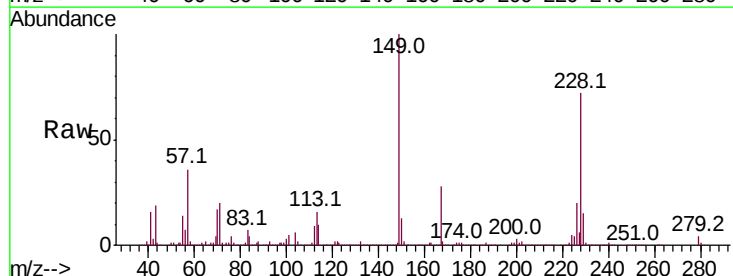
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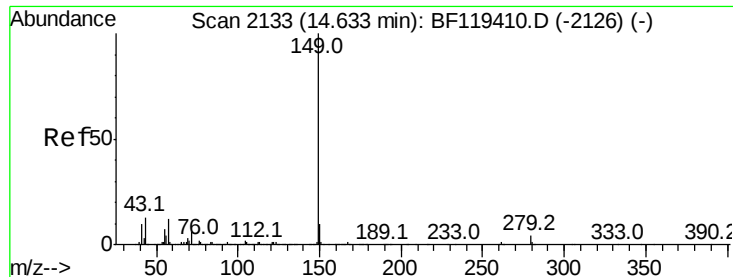
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 65.225 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119605.D
 Acq: 28 Mar 2020 9:08

Tgt Ion:149 Resp: 1647802
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 58.716 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Instrument :

BNA_F

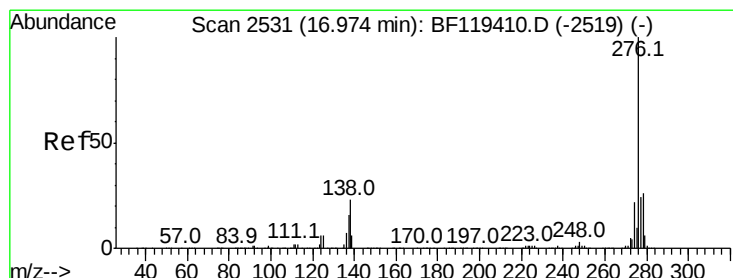
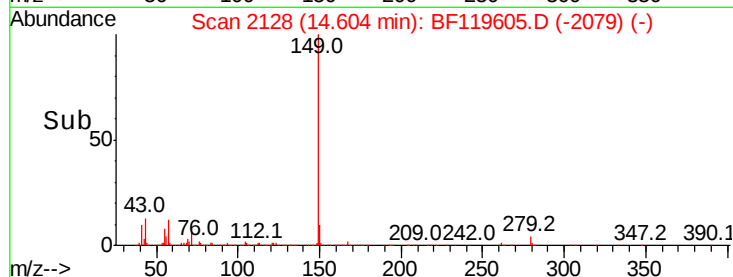
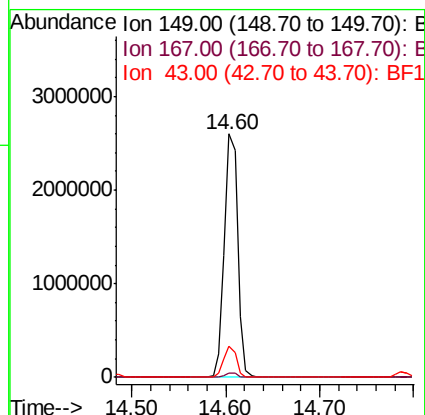
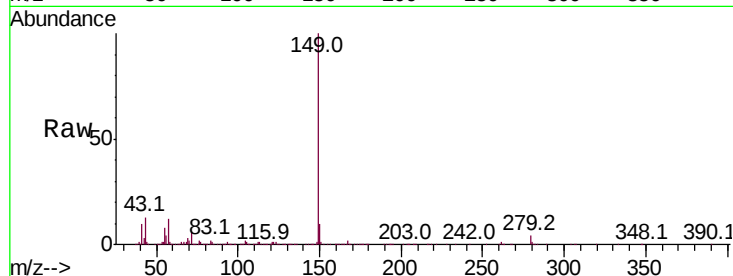
ClientSampleId :

TP-13-SAMSD

Tot Ion:	149	Resp:	2608807
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	9.3	13.9

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.982 ng

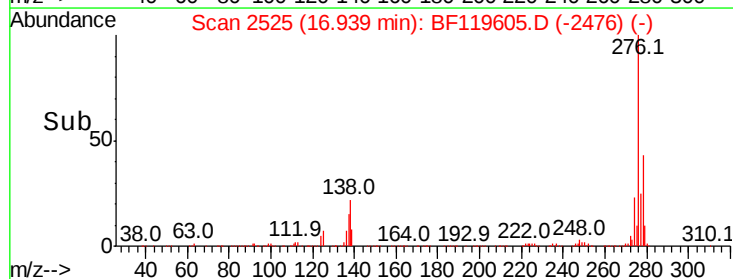
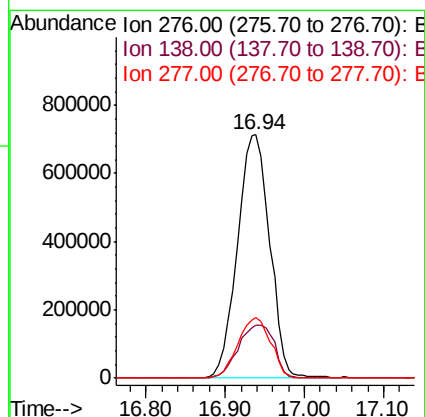
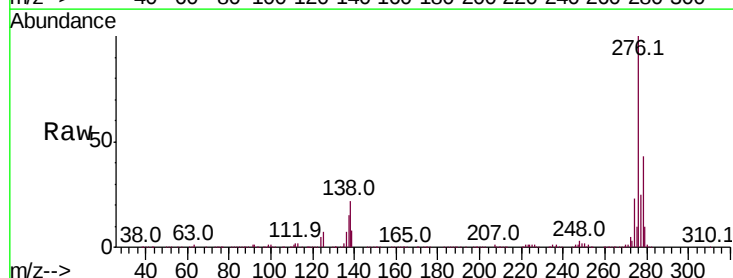
RT: 16.94 min Scan# 2525

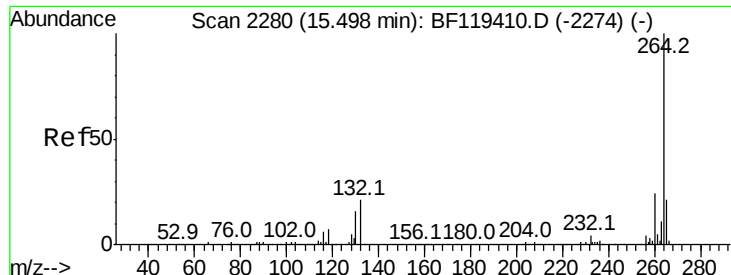
Delta R.T. -0.01 min

Lab File: BF119605.D

Acq: 28 Mar 2020 9:08

Tgt Ion:	276	Resp:	2017001
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.4	20.0	30.0





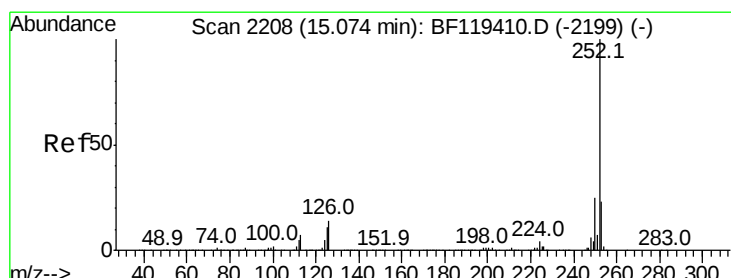
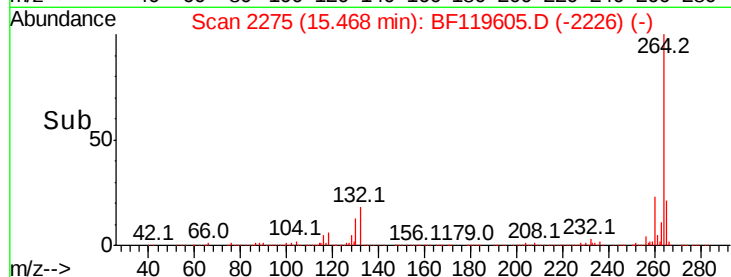
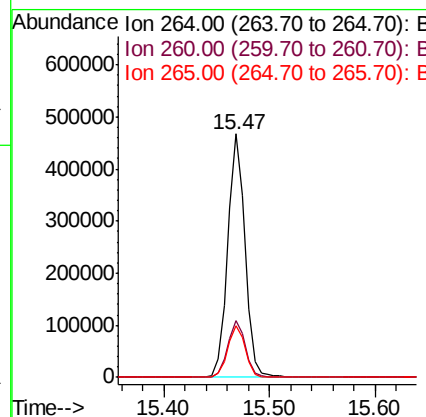
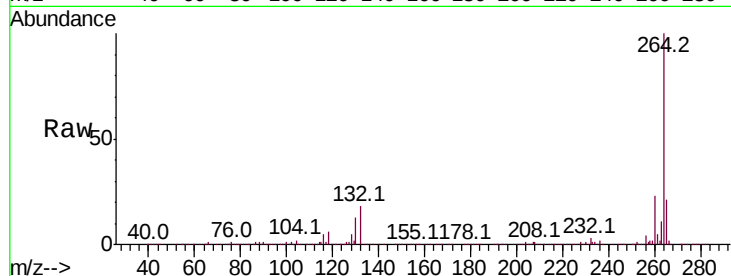
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.7	26.5

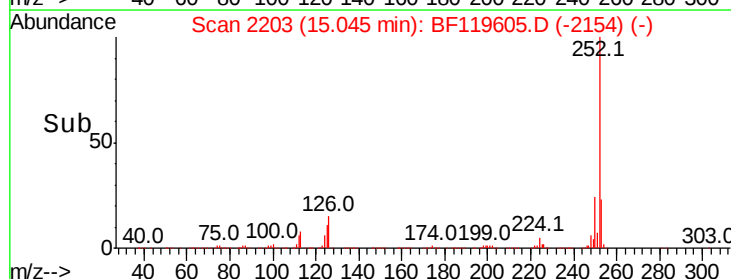
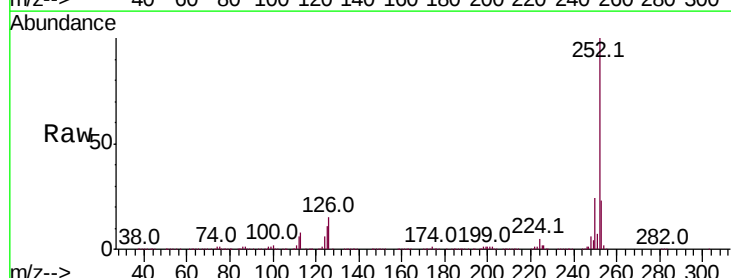
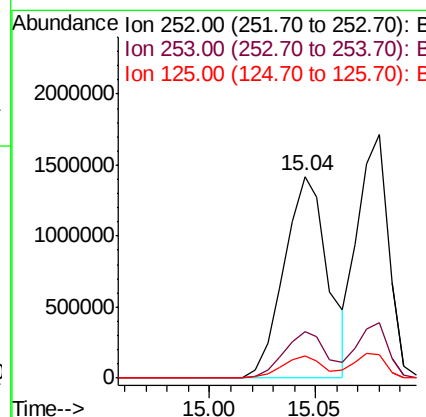
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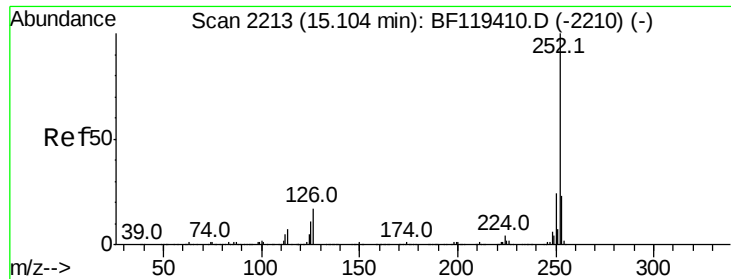
mohammad
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#88
Benzo(b)fluoranthene
Concen: 57.746 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.8	7.9	11.9





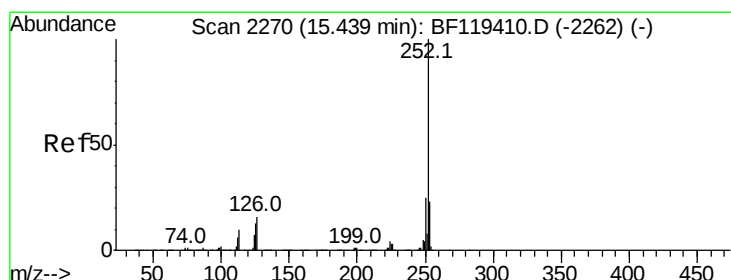
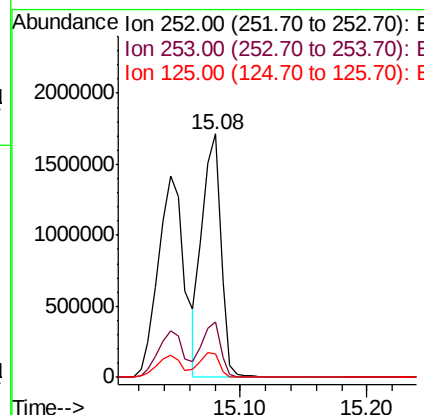
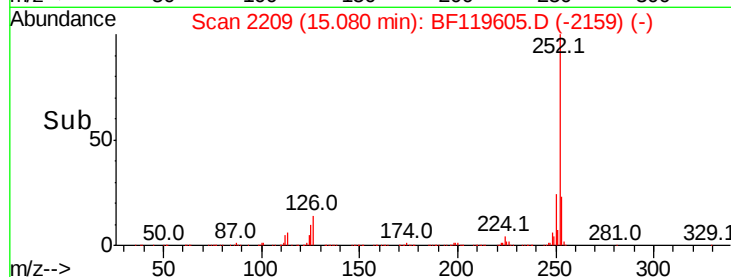
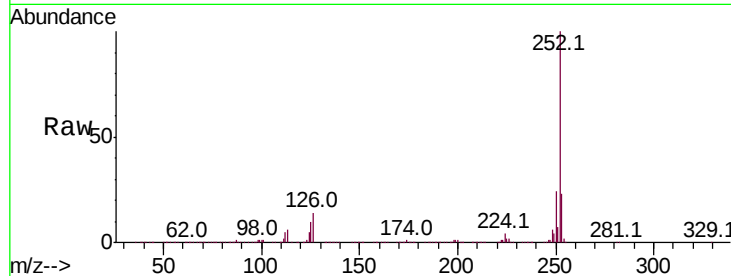
#89
Benzo(k)fluoranthene
Concen: 51.953 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion:252 Resp: 1762629
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.7 8.4 12.6

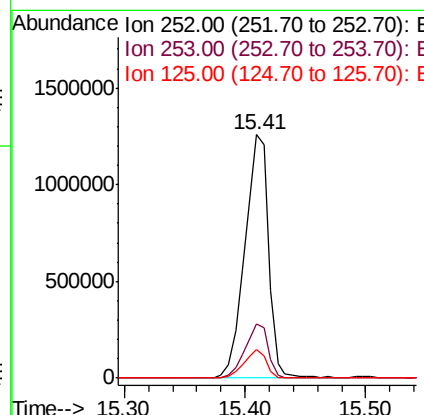
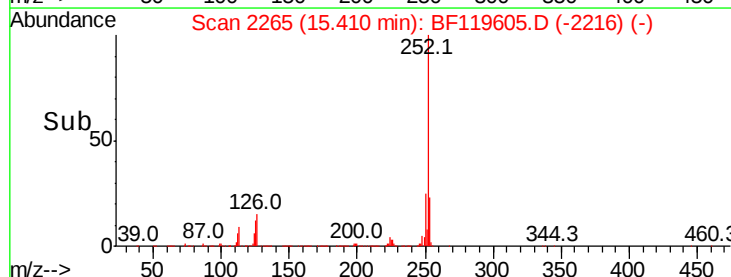
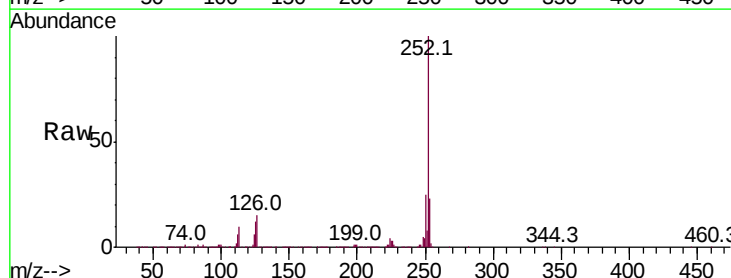
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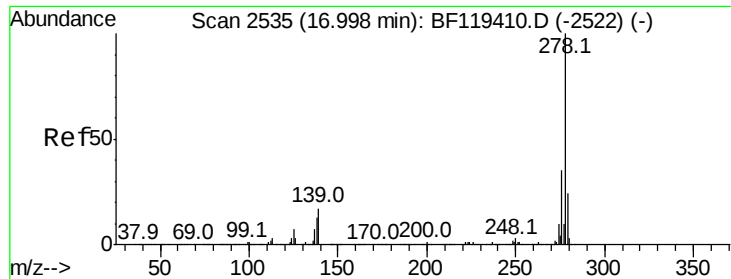
mohammad
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#90
Benzo(a)pyrene
Concen: 53.280 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:252 Resp: 1725220
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.7 9.4 14.2





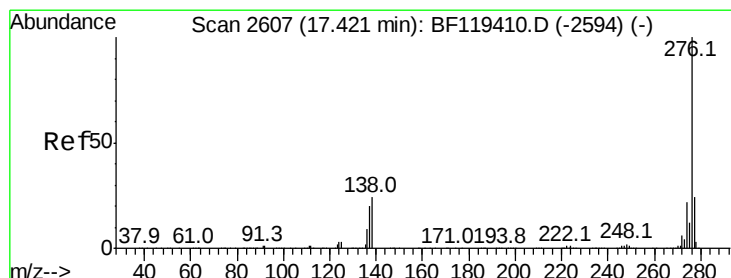
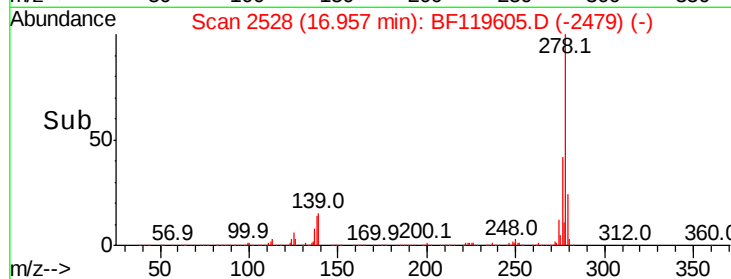
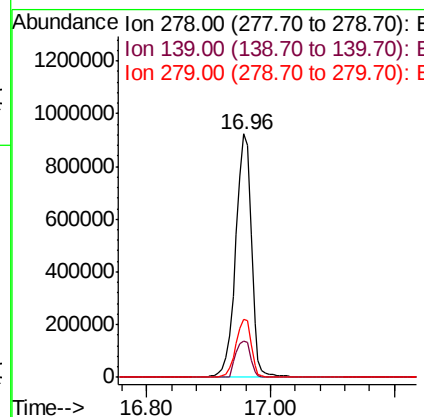
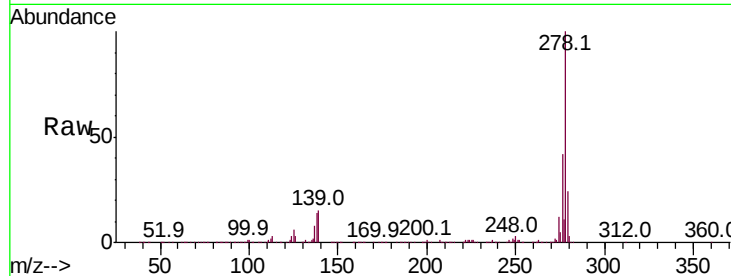
#91
Dibenzo(a,h)anthracene
Concen: 57.792 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Instrument :
BNA_F
ClientSampleId :
TP-13-SAMSD

Tot Ion:278 Resp: 1636772
Ion Ratio Lower Upper
278 100
139 15.1 12.6 19.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:14:03 AM



#92
Benzo(g,h,i)perylene
Concen: 59.950 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF119605.D
Acq: 28 Mar 2020 9:08

Tgt Ion:276 Resp: 1705754
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 20.9 15.4 23.0

