

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120954.D
 Acq On : 21 Jul 2020 15:12
 Operator : JU/CG
 Sample : PB130359BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:09:44 PM

Quant Time: Jul 21 15:47:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171761	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642086	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	343123	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	655000	20.00	ng	0.00
76) Chrysene-d12	13.97	240	500832	20.00	ng	0.00
86) Perylene-d12	15.42	264	474453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	812406	77.54	ng	0.01
7) Phenol-d6	6.45	99	992508	73.33	ng	0.00
23) Nitrobenzene-d5	7.38	82	909691	81.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	304899	81.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1660766	72.27	ng	0.00
79) Terphenyl-d14	12.92	244	1822889	79.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	163553	33.918	ng	99
3) Pyridine	3.36	79	388680	30.301	ng	99
4) n-Nitrosodimethylamine	3.30	42	205815	37.522	ng	96
6) Aniline	6.47	93	570135	32.272	ng	100
8) 2-Chlorophenol	6.60	128	464286	40.225	ng	99
9) Benzaldehyde	6.36	77	349370	61.275	ng	99
10) Phenol	6.46	94	574003	38.555	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	433319	37.978	ng	99
12) 1,3-Dichlorobenzene	6.76	146	467718	37.370	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473468	38.044	ng	98
14) 1,2-Dichlorobenzene	6.99	146	435613	36.999	ng	99
15) Benzyl Alcohol	6.96	79	354510	37.040	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	604737	36.772	ng	99
17) 2-Methylphenol	7.07	107	367425	35.916	ng	99
18) Hexachloroethane	7.33	117	173882	38.602	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	284152	36.922	ng	98
20) 3+4-Methylphenols	7.22	107	417844	32.108	ng	88
22) Acetophenone	7.23	105	568526	39.453	ng	96
24) Nitrobenzene	7.40	77	465619	38.931	ng	99
25) Isophorone	7.64	82	851252	38.437	ng	99
26) 2-Nitrophenol	7.72	139	242669	42.722	ng	99
27) 2,4-Dimethylphenol	7.75	122	403048	43.703	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	545374	40.342	ng	99
29) 2,4-Dichlorophenol	7.96	162	383742	40.720	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	411204	39.329	ng	100
31) Naphthalene	8.12	128	1280549	38.880	ng	99
32) Benzoic acid	7.88	122	279221	40.333	ng	97
33) 4-Chloroaniline	8.17	127	397933	27.084	ng	98
34) Hexachlorobutadiene	8.24	225	235267	38.170	ng	99
35) Caprolactam	8.55	113	122796m	40.633	ng	
36) 4-Chloro-3-methylphenol	8.65	107	402644	41.659	ng	99
37) 2-Methylnaphthalene	8.81	142	872731	40.810	ng	98
38) 1-Methylnaphthalene	8.91	142	825643	40.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	381650	38.176	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	458887	83.053	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	281874	40.045	nq	96
44) 2,4,5-Trichlorophenol	9.13	196	306403	38.375	nq	95
46) 1,1'-Biphenyl	9.27	154	1056004	40.346	nq	99
47) 2-Chloronaphthalene	9.30	162	813603	38.127	nq	99
48) 2-Nitroaniline	9.40	65	253556	39.318	nq	95
49) Acenaphthylene	9.72	152	1305741	39.388	nq	100
50) Dimethylphthalate	9.58	163	971120	39.231	nq	99
51) 2,6-Dinitrotoluene	9.64	165	217755	40.945	nq	93
52) Acenaphthene	9.89	154	876739m	41.598	nq	
53) 3-Nitroaniline	9.80	138	167017	25.040	nq	96
54) 2,4-Dinitrophenol	9.92	184	208639	69.168	nq	# 81
55) Dibenzofuran	10.06	168	1168189	38.328	nq	98
56) 4-Nitrophenol	9.97	139	384364	75.861	nq	97
57) 2,4-Dinitrotoluene	10.04	165	294775	42.208	nq	# 90
58) Fluorene	10.40	166	851887	37.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	257876	42.419	nq	98
60) Diethylphthalate	10.28	149	984713	39.328	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	424324	34.997	nq	99
62) 4-Nitroaniline	10.42	138	244102	37.570	nq	99
63) Azobenzene	10.56	77	918868	38.548	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	142340	38.385	nq	93
66) n-Nitrosodiphenylamine	10.52	169	822182	39.902	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	282284	38.655	nq	# 91
68) Hexachlorobenzene	10.95	284	316270	40.036	nq	# 91
69) Atrazine	11.05	200	237683	46.577	nq	99
70) Pentachlorophenol	11.15	266	357703	79.040	nq	100
71) Phenanthrene	11.36	178	1310829	38.912	nq	100
72) Anthracene	11.42	178	1348477	39.865	nq	99
73) Carbazole	11.57	167	1264359	37.664	nq	99
74) Di-n-butylphthalate	11.90	149	1544469	39.868	nq	100
75) Fluoranthene	12.55	202	1428986	38.270	nq	98
77) Benzidine	12.67	184	919095	69.799	nq	99
78) Pyrene	12.78	202	1479604	41.786	nq	100
80) Butylbenzylphthalate	13.40	149	688834	43.639	nq	100
81) Benzo(a)anthracene	13.97	228	1192396	39.317	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	401081	35.054	nq	99
83) Chrysene	14.00	228	1273615	39.961	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	848462	43.590	nq	99
85) Di-n-octyl phthalate	14.57	149	1668637	43.089	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1130218	34.253	nq	100
88) Benzo(b)fluoranthene	15.00	252	1200392	41.856	nq	100
89) Benzo(k)fluoranthene	15.03	252	1205463	46.089	nq	100
90) Benzo(a)pyrene	15.36	252	1070524	40.913	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	966425	35.856	nq	98
92) Benzo(g,h,i)perylene	17.28	276	905687	34.080	nq	100

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

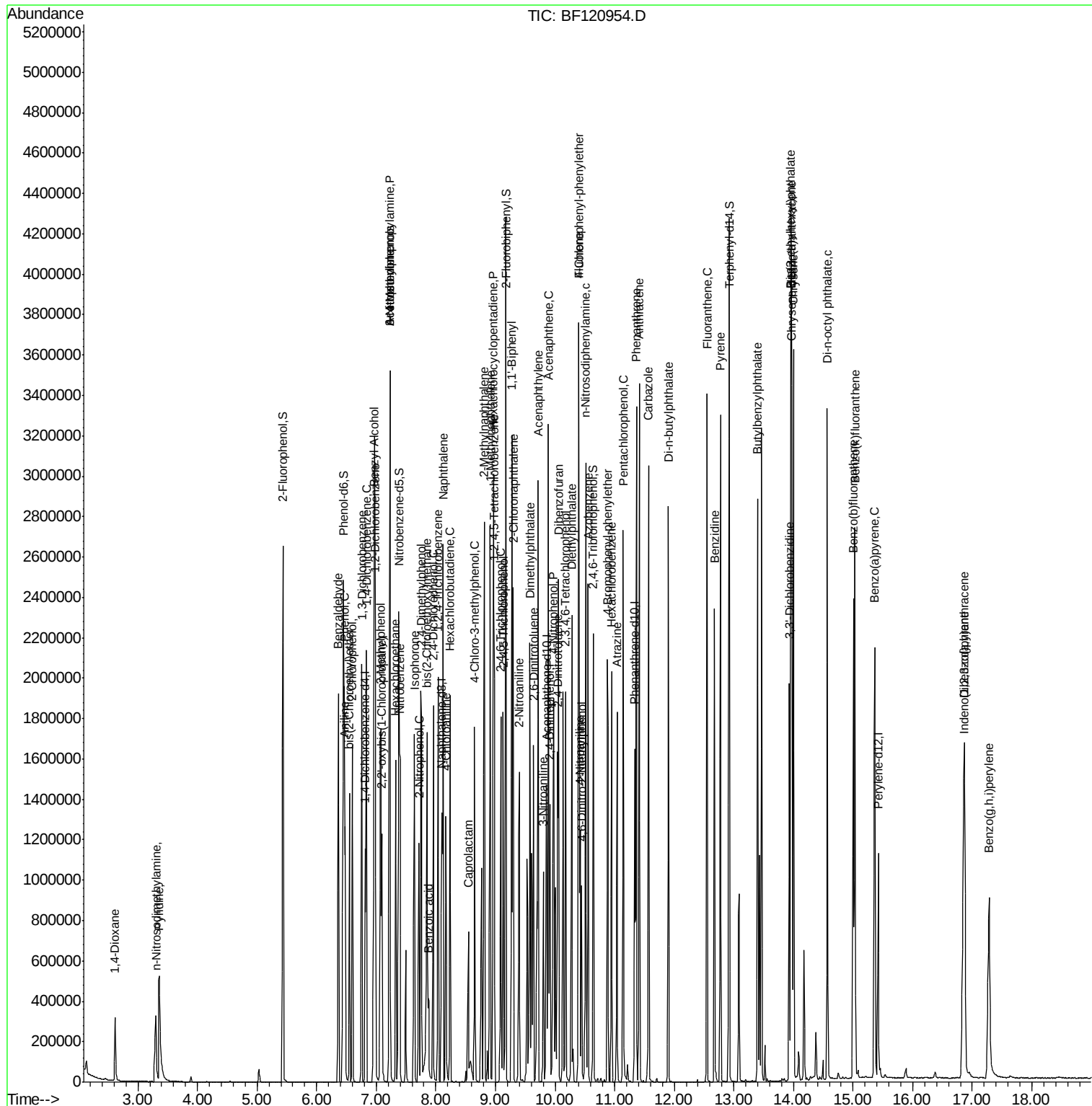
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120954.D
Acq On : 21 Jul 2020 15:12
Operator : JU/CG
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#1

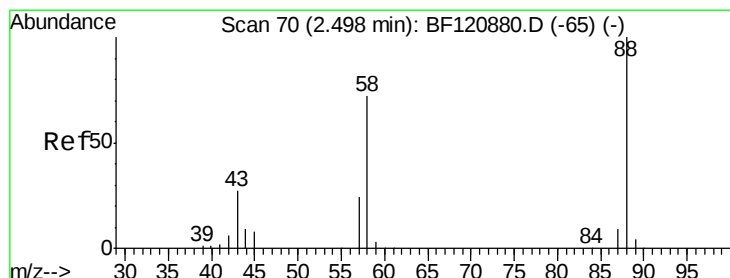
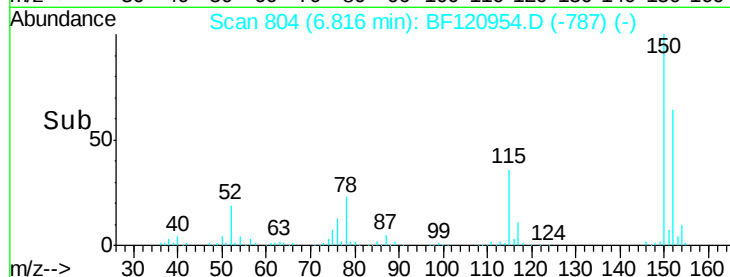
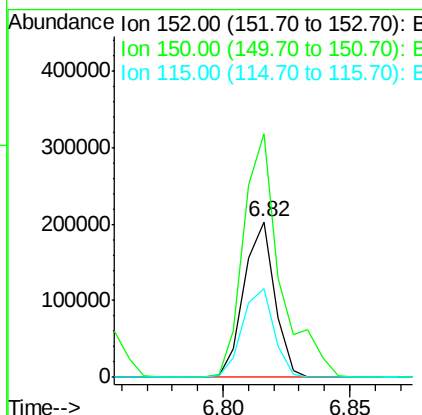
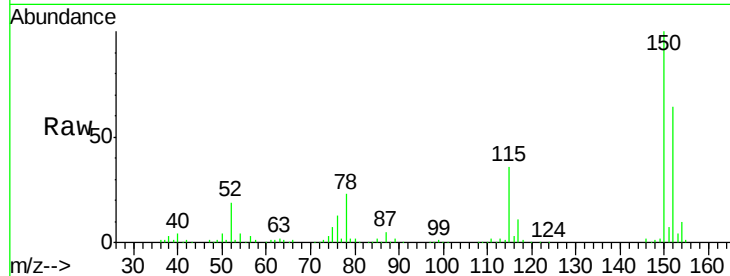
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.0	187.6
115	56.7	47.0	70.4

Manual Integrations
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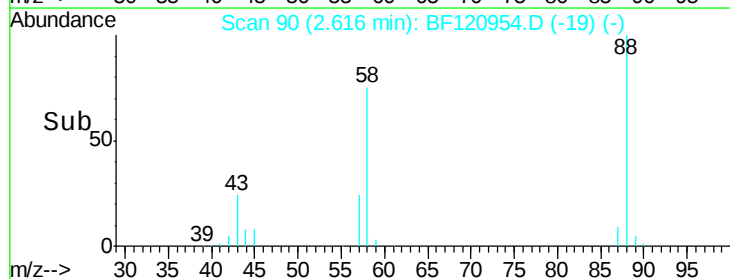
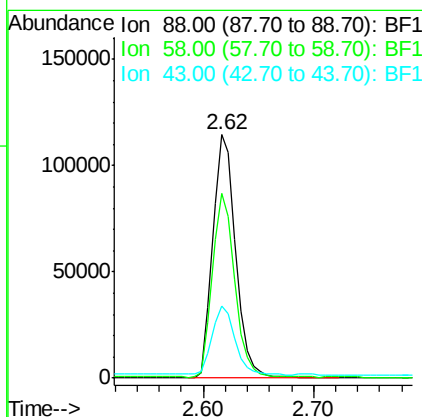
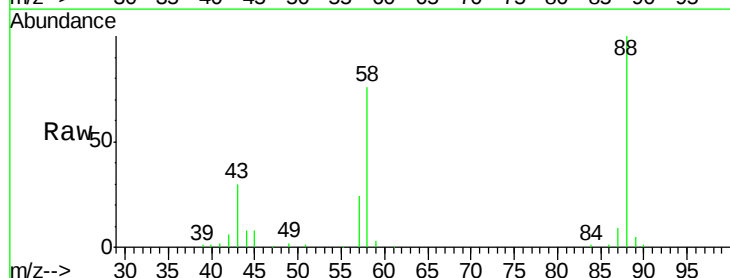
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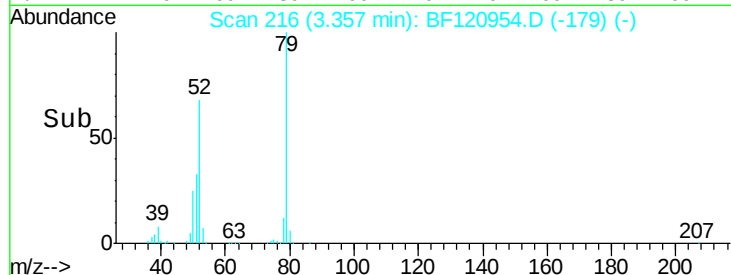
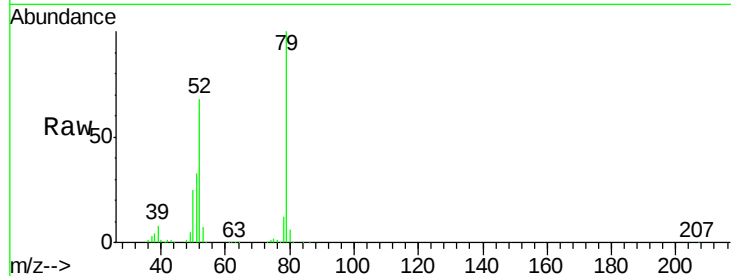


#2

1,4-Dioxane
Concen: 33.918 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.12 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.2
43	28.1	22.1	33.1





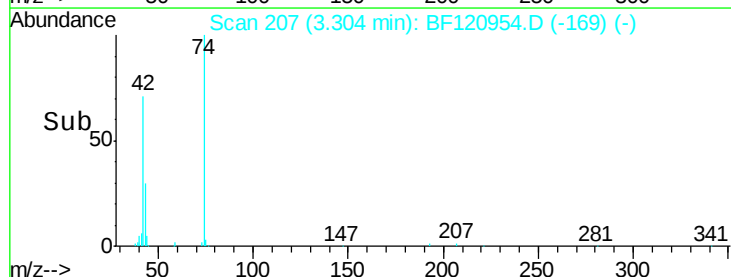
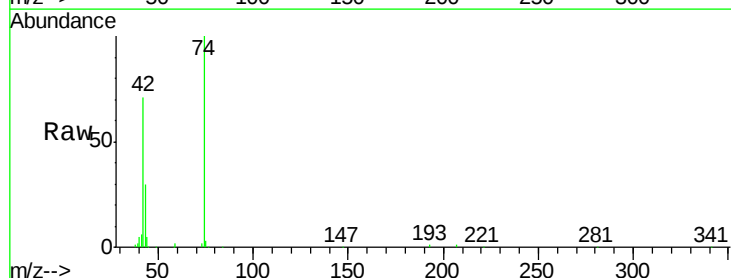
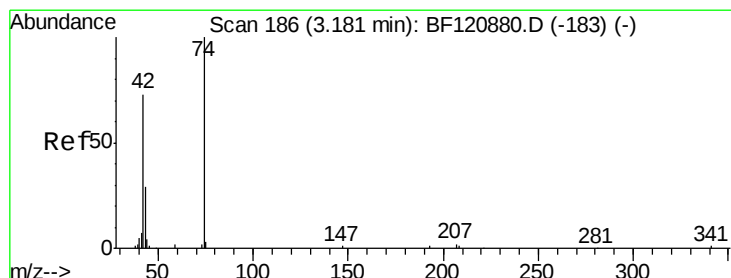
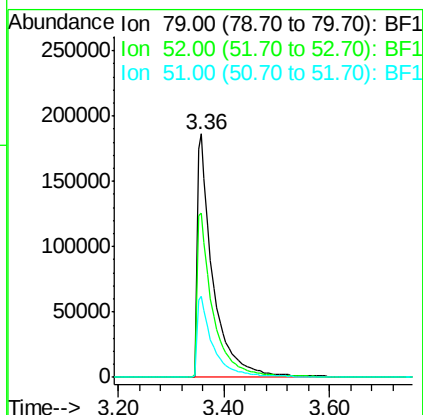
#3
Pvridine
Concen: 30.301 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.12 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	388680		
52	52	67.5		55.0	82.6
51	51	33.5		26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB130359BS

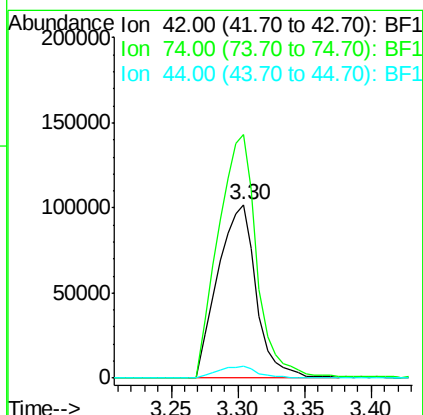
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 37.522 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.12 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	205815		
74	74	140.6		108.7	163.1
44	44	6.6		5.2	7.8





#5

2-Fluorophenol

Concen: 77.539 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

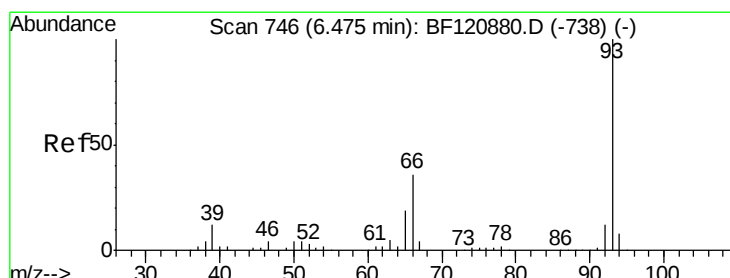
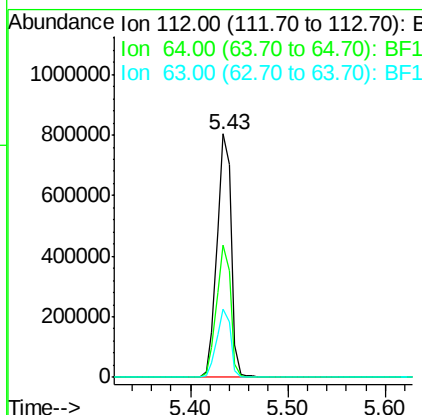
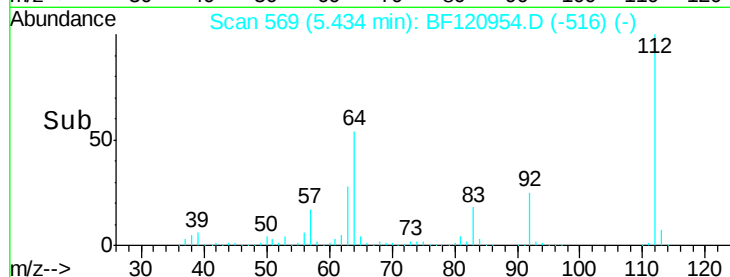
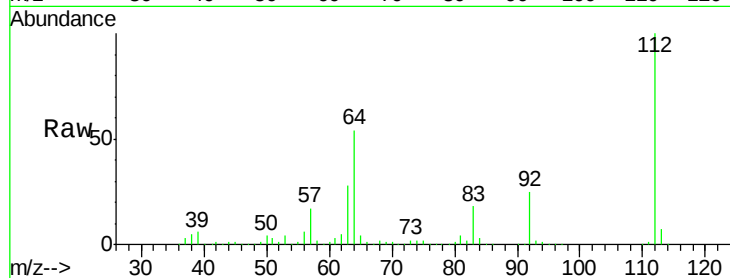
ClientSampleID :

PB130359BS

Tot Ion:	112	Resp:	812406
Ion Ratio	Lower	Upper	
112	100		
64	54.5	41.3	61.9
63	28.3	21.1	31.7

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#6

Aniline

Concen: 32.272 ng

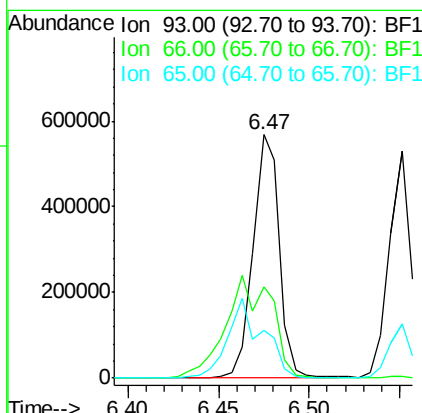
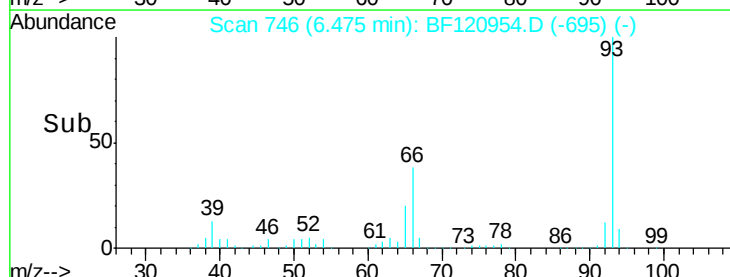
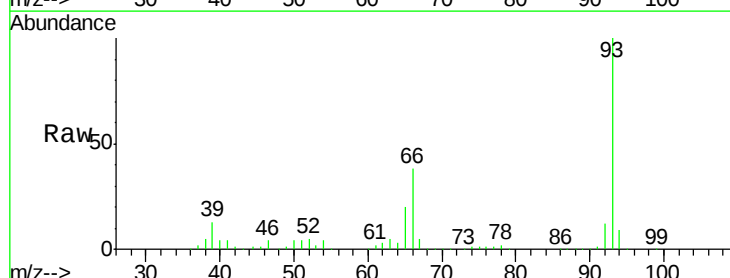
RT: 6.47 min Scan# 746

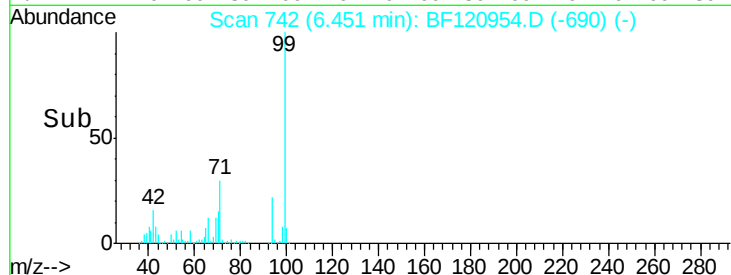
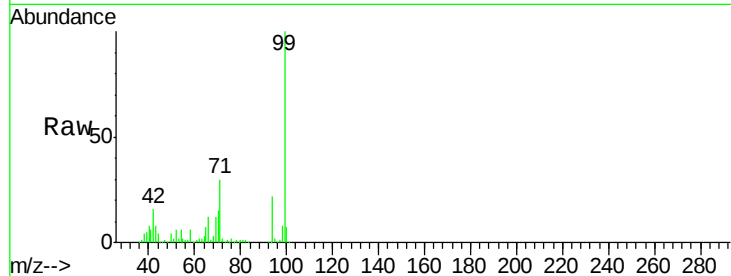
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	93	Resp:	570135
Ion Ratio	Lower	Upper	
93	100		
66	37.6	30.2	45.4
65	19.9	15.8	23.6





#7

Phenol-d6

Concen: 73.334 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		992508		
42	16.1	13.1	19.7		
71	30.3	24.2	36.4		

Instrument :

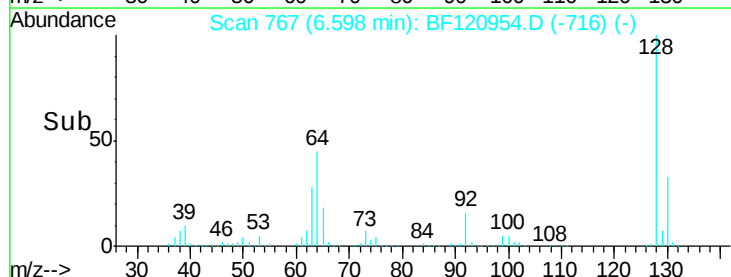
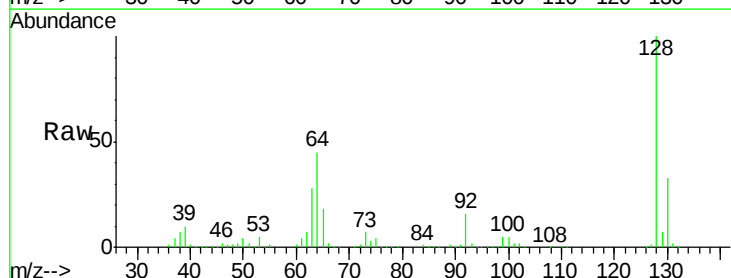
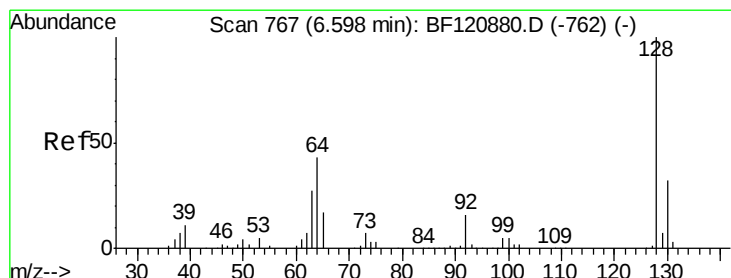
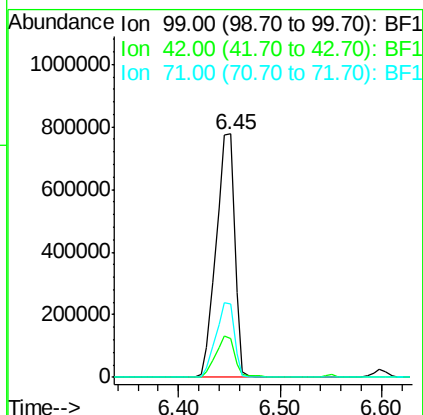
BNA_F

ClientSampled :

PB130359BS

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#8

2-Chlorophenol

Concen: 40.225 ng

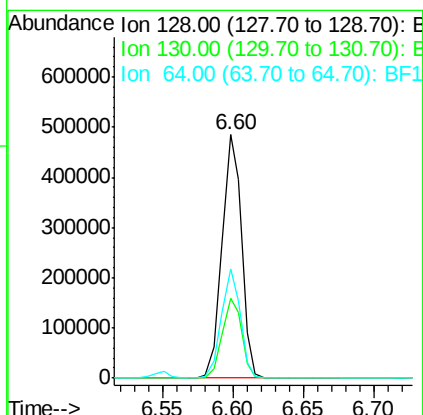
RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		464286		
130	32.8	12.1	52.1		
64	44.9	24.0	64.0		





#9

Benzaldehyde

Concen: 61.275 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

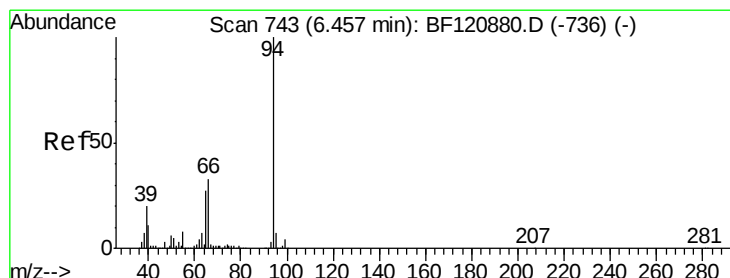
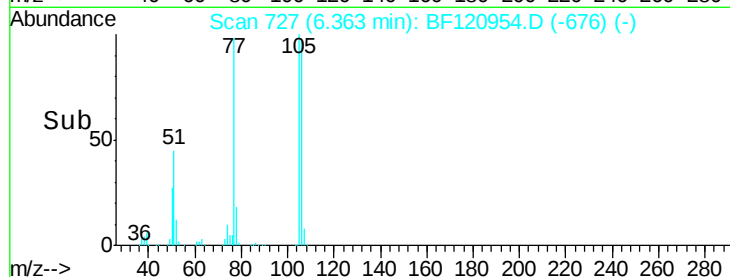
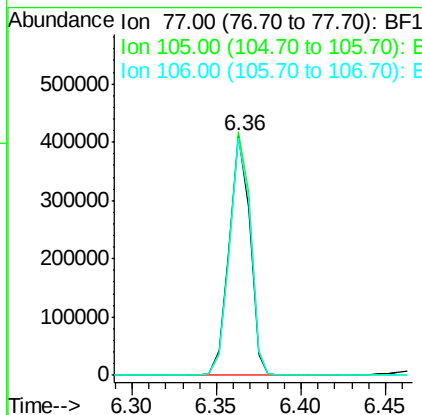
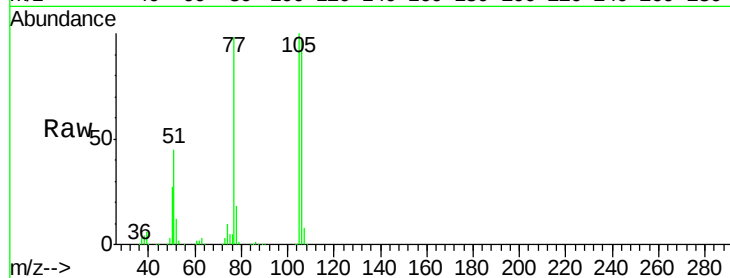
PB130359BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.8	82.5	122.5
106	99.1	78.7	118.7

Manual Integrations
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#10

Phenol

Concen: 38.555 ng

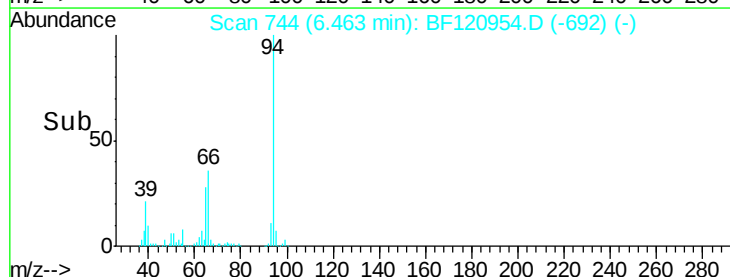
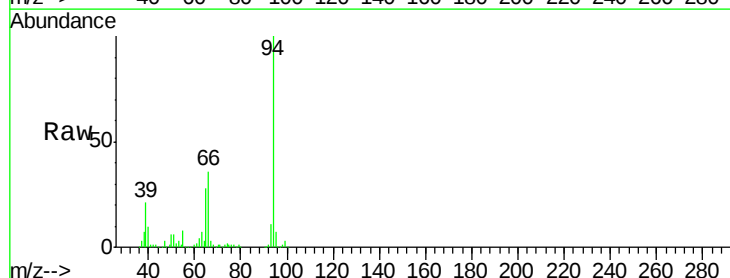
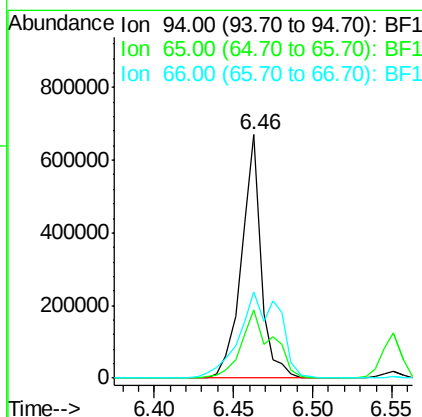
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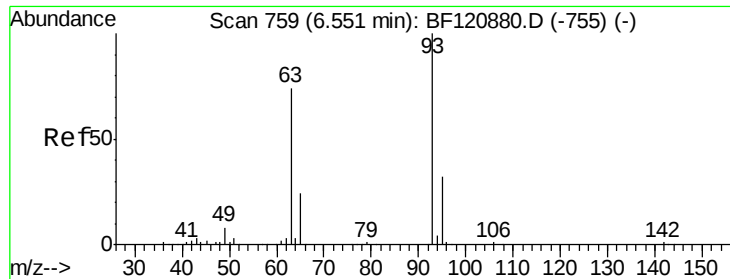
Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.6	46.6
66	35.6	13.2	53.2





#11

bis(2-Chloroethyl)ether

Concen: 37.978 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

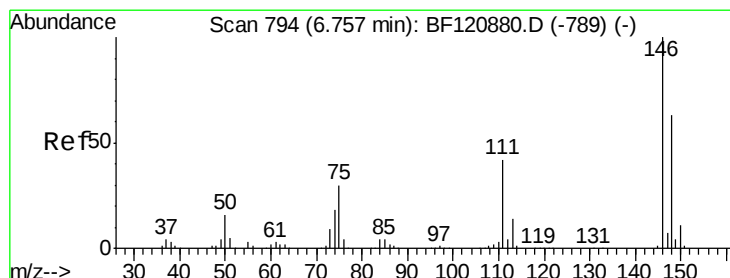
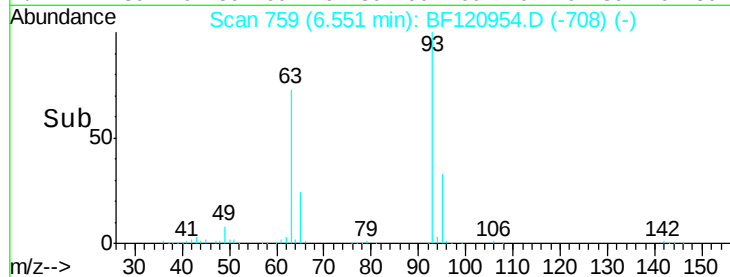
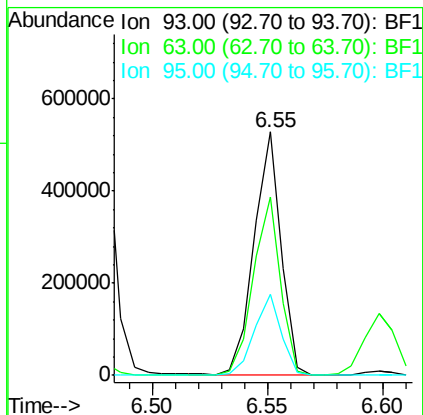
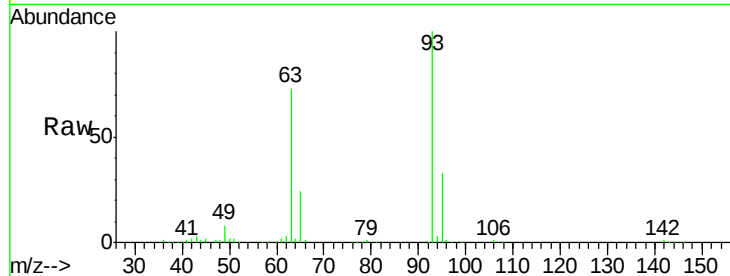
ClientSampleId :

PB130359BS

Tot Ion:	93	Resp:	433319
Ion Ratio	Lower	Upper	
93	100		
63	73.2	54.2	94.2
95	33.4	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 37.370 ng

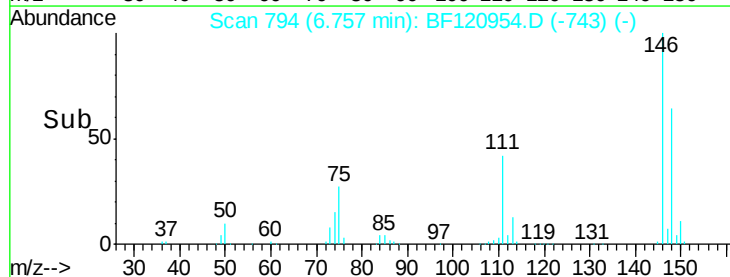
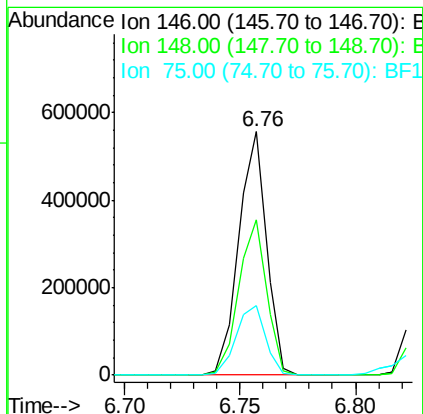
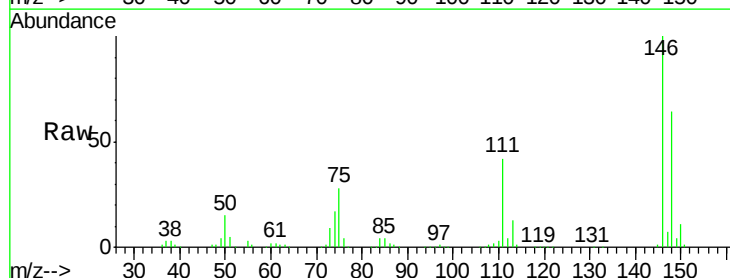
RT: 6.76 min Scan# 794

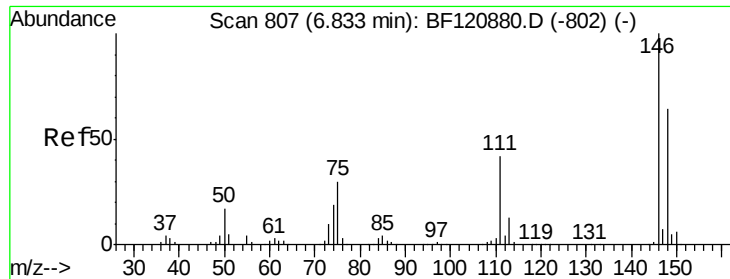
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	146	Resp:	467718
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
75	28.3	24.1	36.1





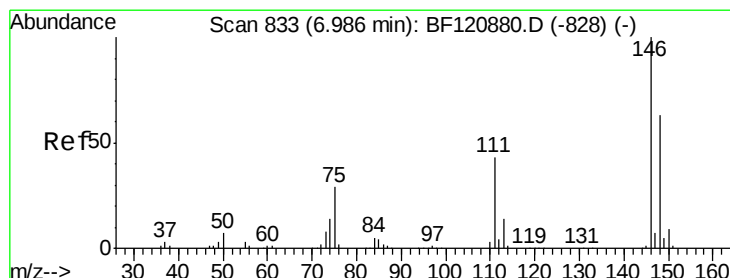
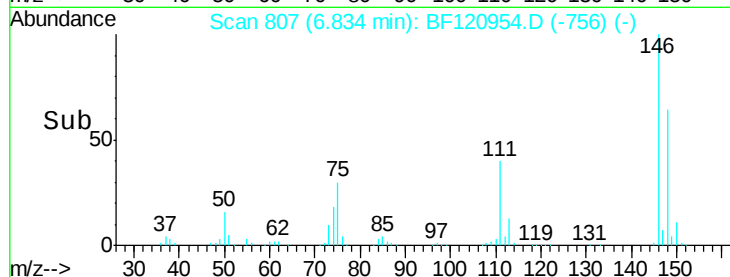
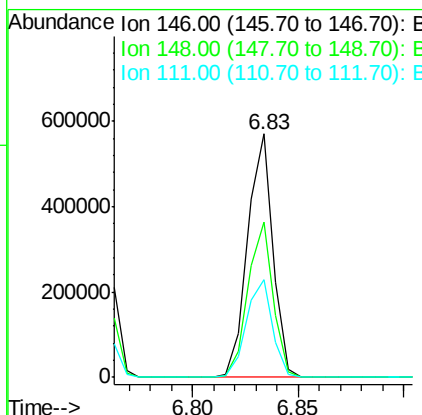
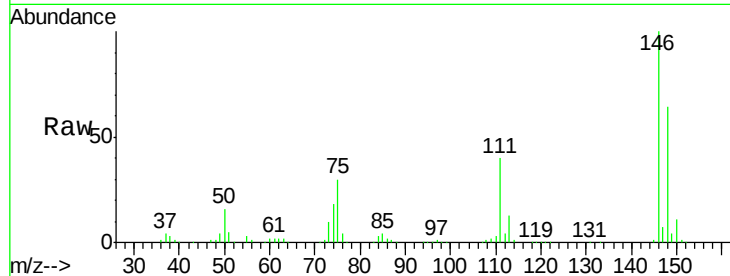
#13
 1,4-Dichlorobenzene
 Concen: 38.044 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	40.3	33.5	50.3

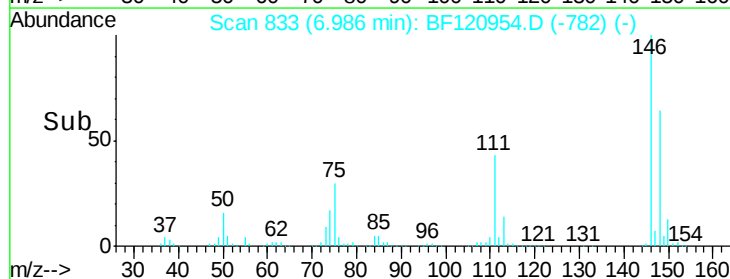
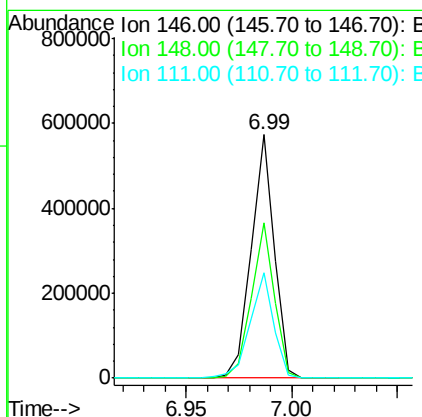
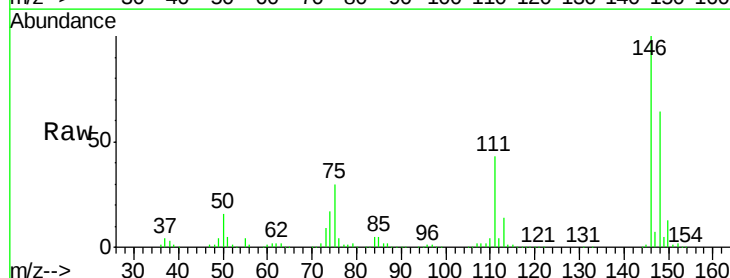
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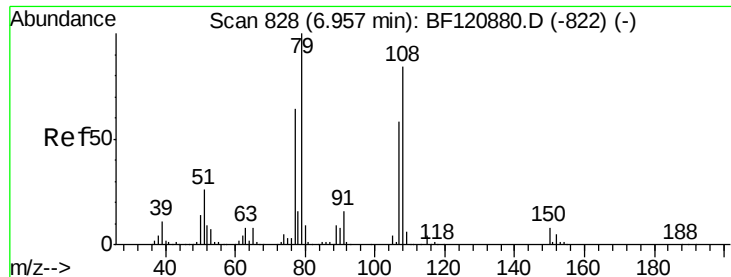
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#14
 1,2-Dichlorobenzene
 Concen: 36.999 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	43.3	34.2	51.2





#15

Benzyl Alcohol

Concen: 37.040 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

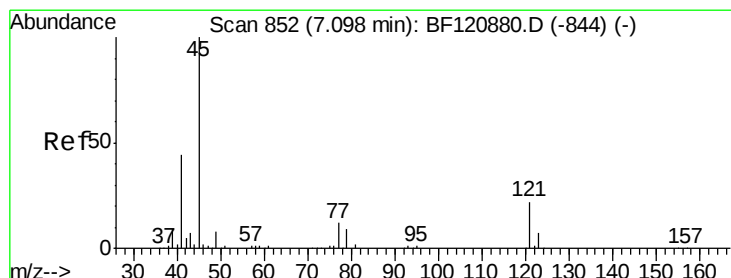
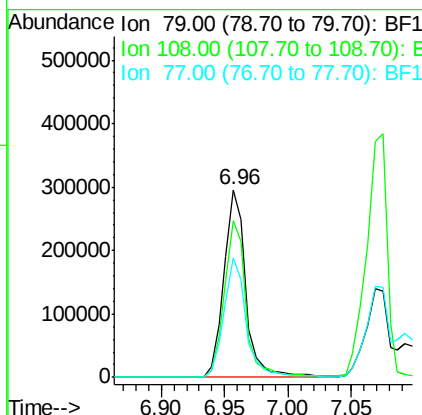
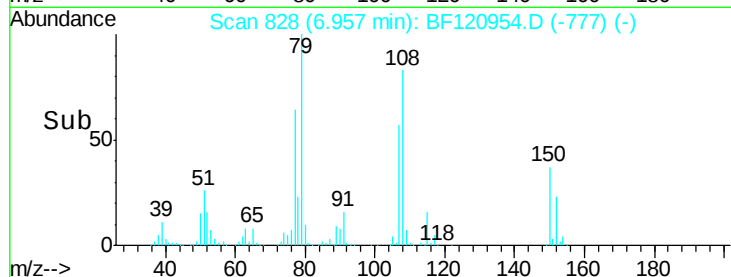
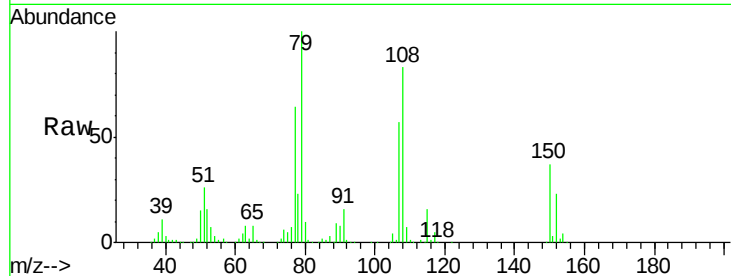
ClientSampled :

PB130359BS

Tot Ion:	79	Resp:	354510
Ion Ratio	Lower	Upper	
79	100		
108	83.4	67.0	100.6
77	63.9	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.772 ng

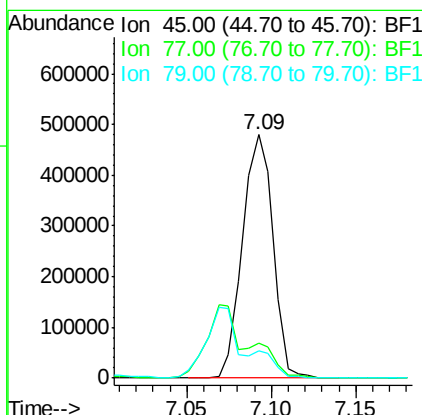
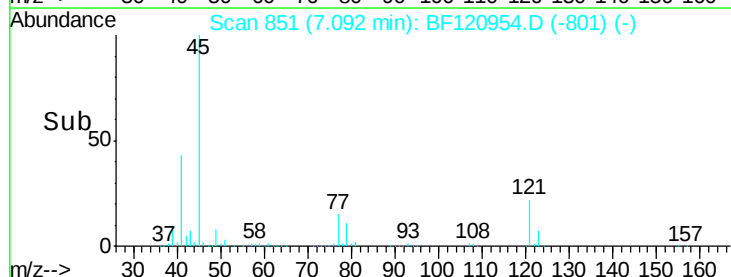
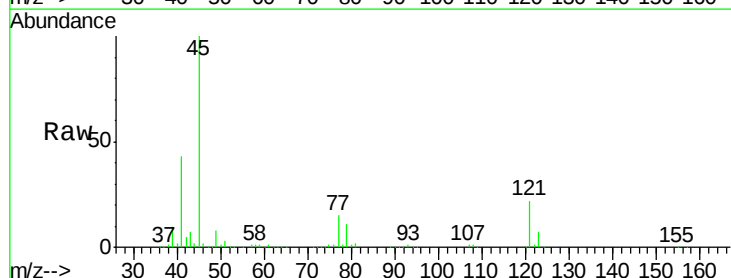
RT: 7.09 min Scan# 851

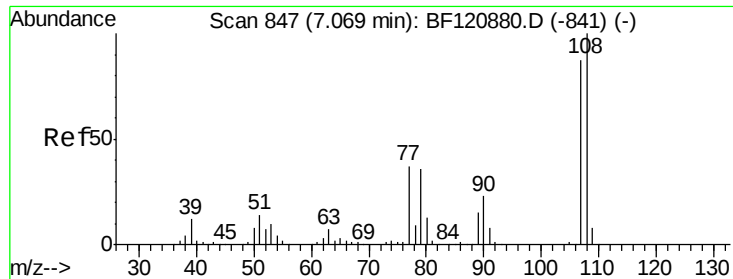
Delta R.T. -0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	45	Resp:	604737
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.2	0.0	31.0





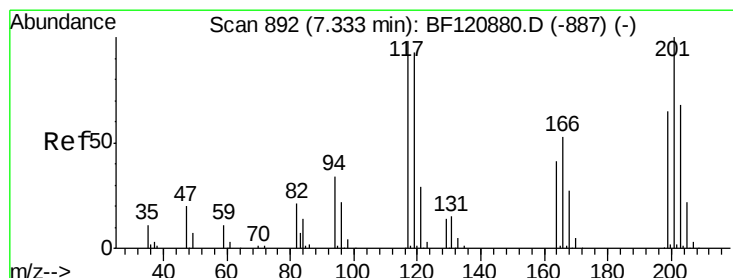
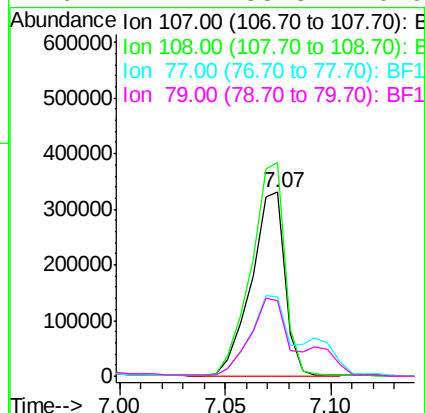
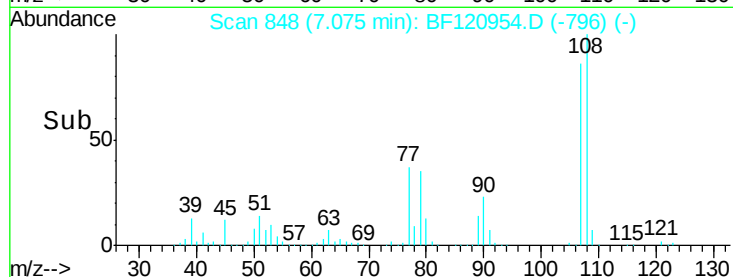
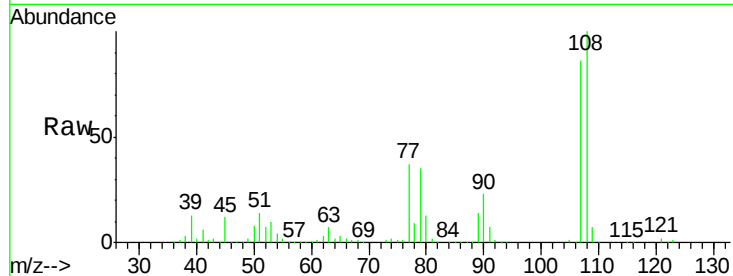
#17
2-Methylphenol
Concen: 35.916 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	92.0	138.0	
77	42.8	34.0	51.0	
79	41.1	33.3	49.9	

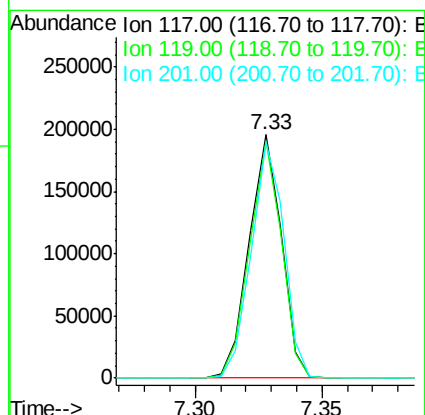
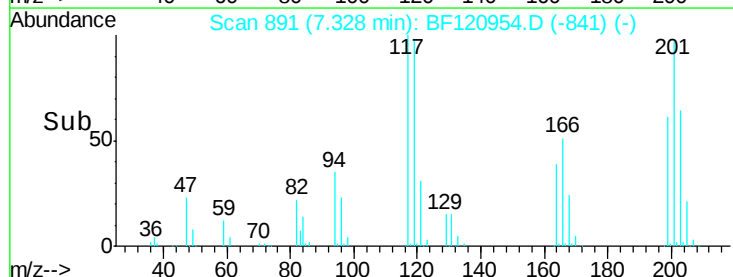
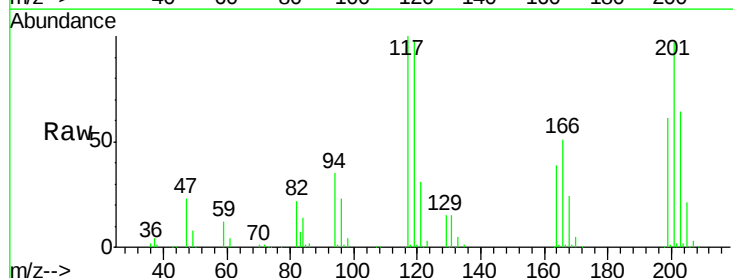
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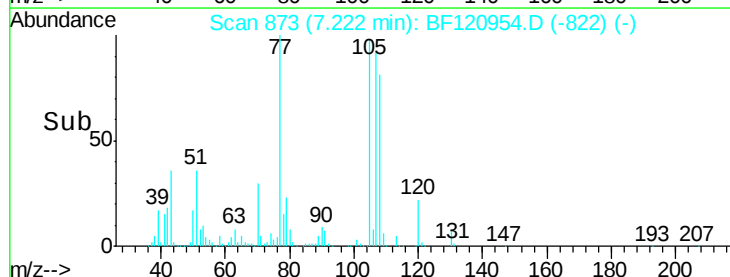
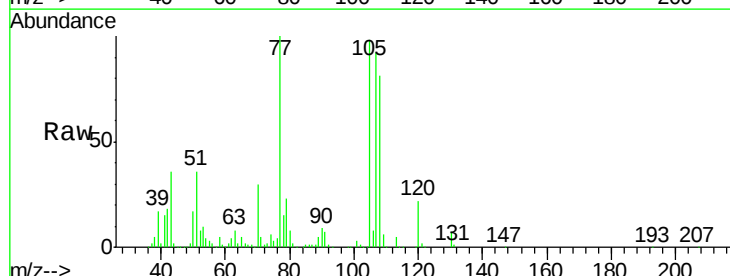
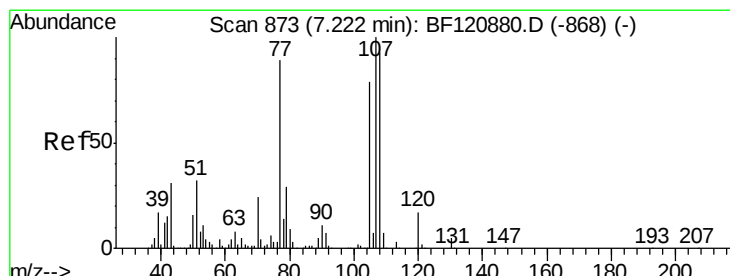
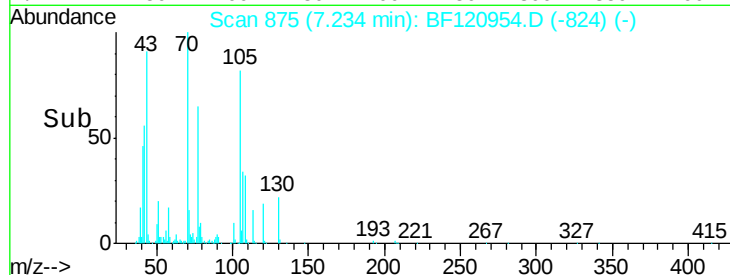
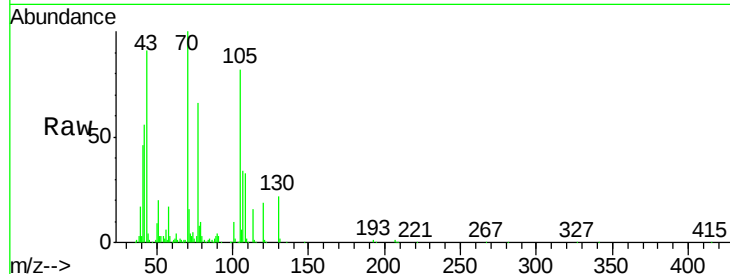
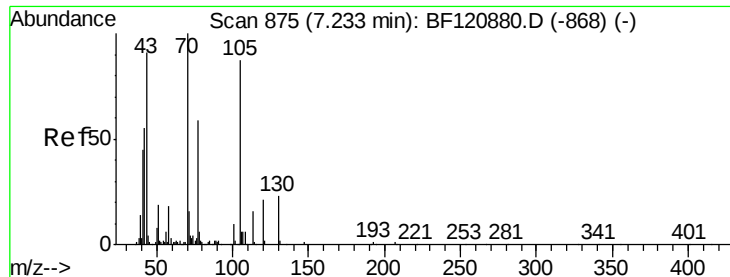
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#18
Hexachloroethane
Concen: 38.602 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	76.0	114.0	
201	97.2	81.7	122.5	





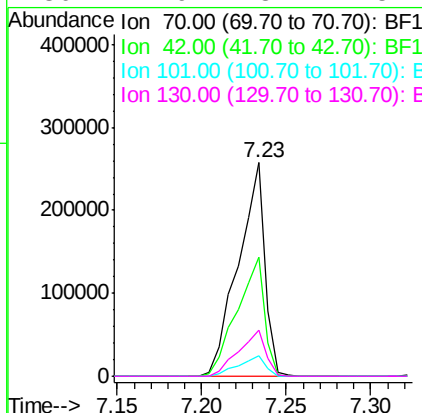
#19
n-Nitroso-di-n-propylamine
Concen: 36.922 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.0	66.0
101	9.6	7.8	11.6
130	21.9	18.7	28.1

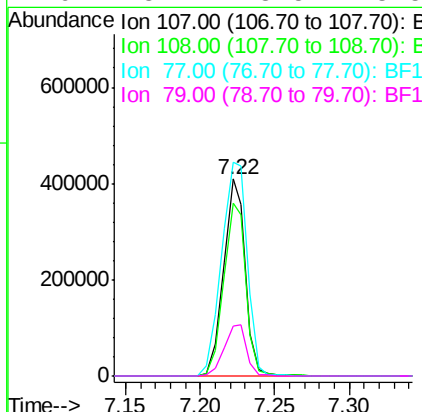
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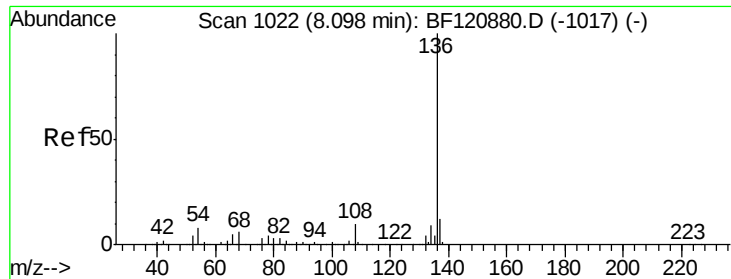
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#20
3+4-Methylphenols
Concen: 32.108 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.8	112.8
77	108.6	68.7	108.7
79	25.4	8.5	48.5





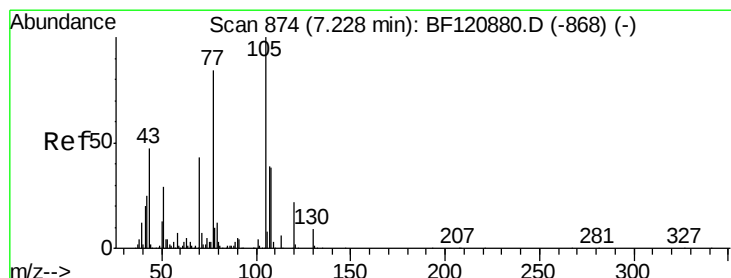
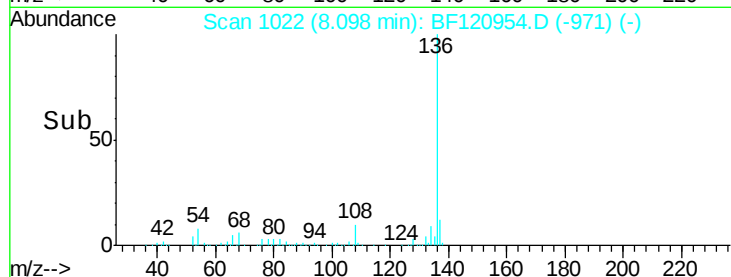
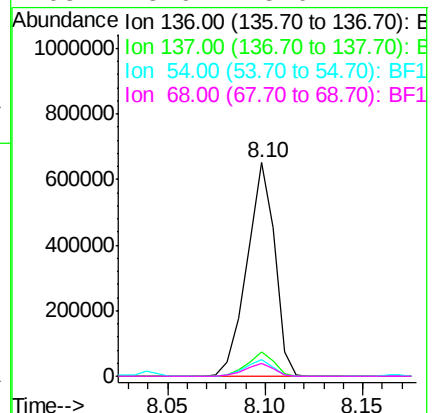
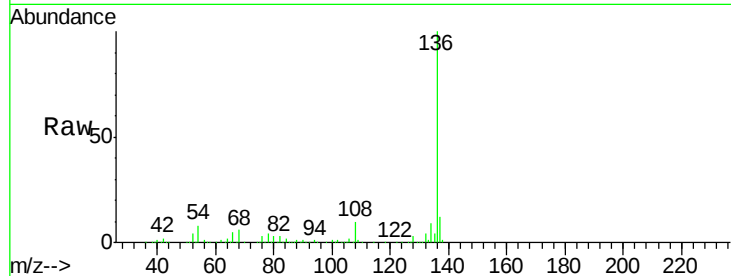
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.3	13.9	
54	7.5	6.3	9.5	
68	5.9	5.0	7.4	

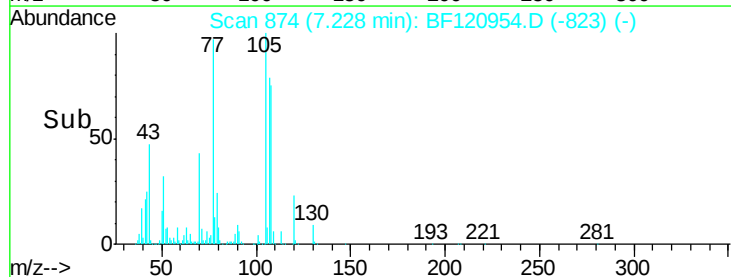
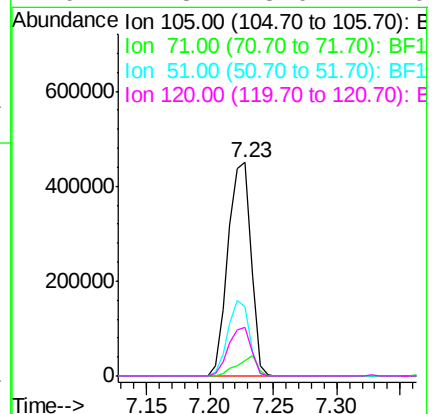
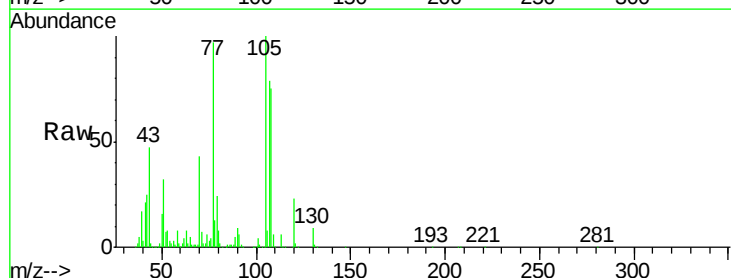
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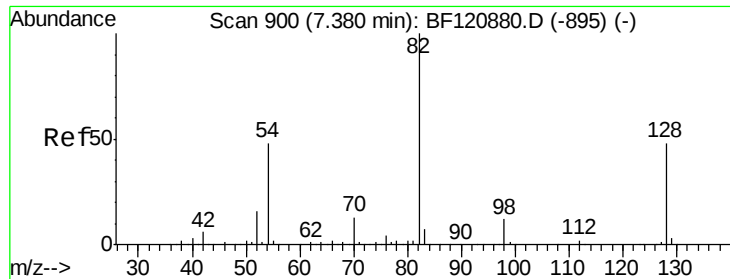
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#22
Acetophenone
Concen: 39.453 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	5.7	8.5	
51	32.5	22.9	34.3	
120	22.8	18.0	27.0	





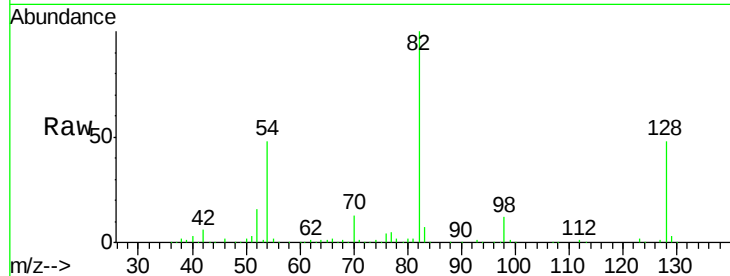
#23
Nitrobenzene-d5
Concen: 81.979 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampled :
PB130359BS

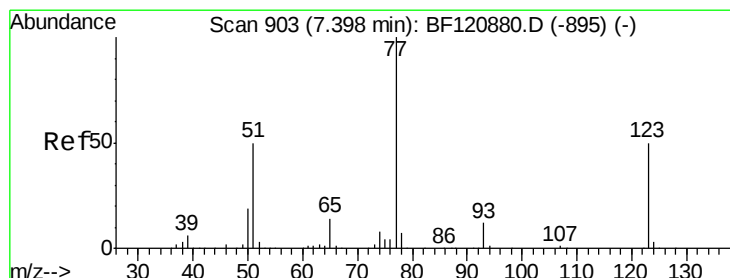
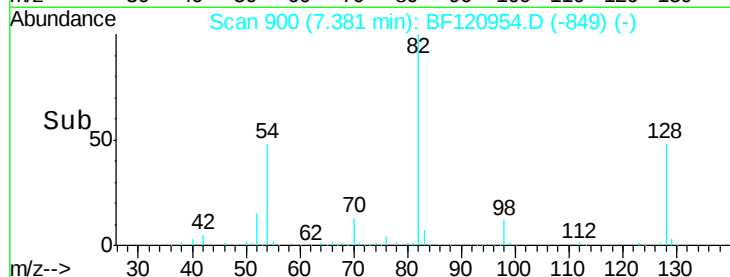
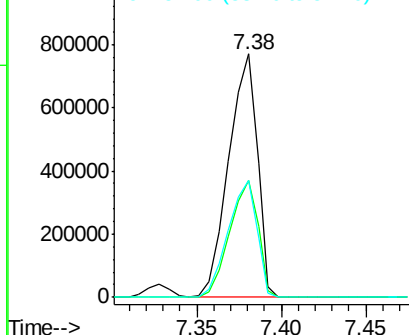
Tot Ion	Ratio	Resp	Lower	Upper
82	100	909691		
128	47.9	38.2	57.4	
54	47.8	38.7	58.1	

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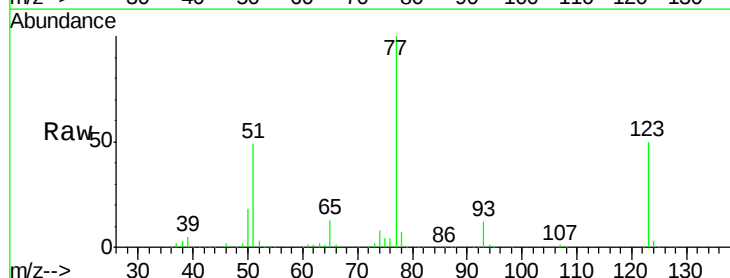


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

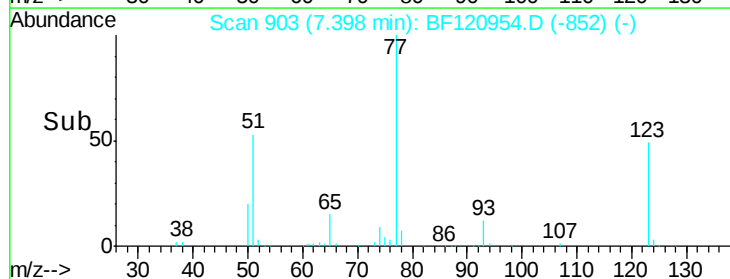
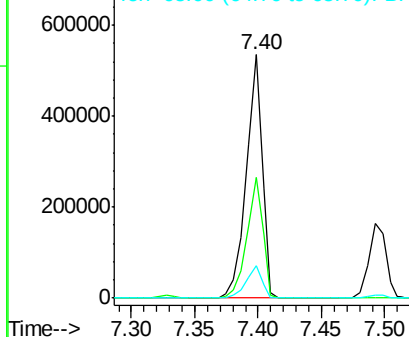


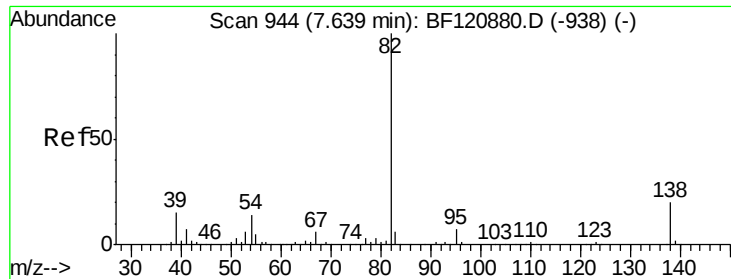
#24
Nitrobenzene
Concen: 38.931 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	465619		
123	49.5	40.1	60.1	
65	13.3	10.8	16.2	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.437 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

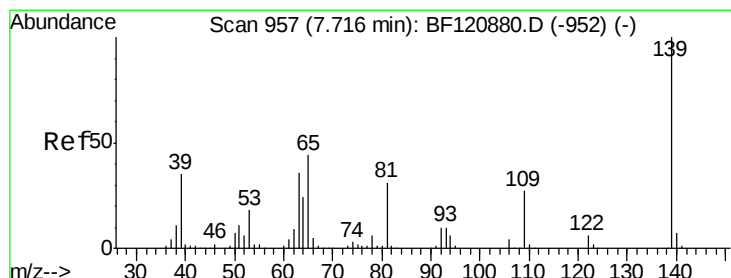
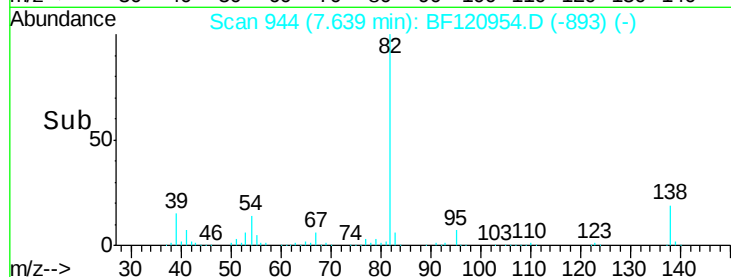
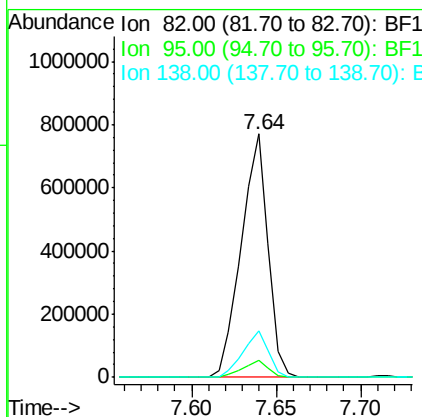
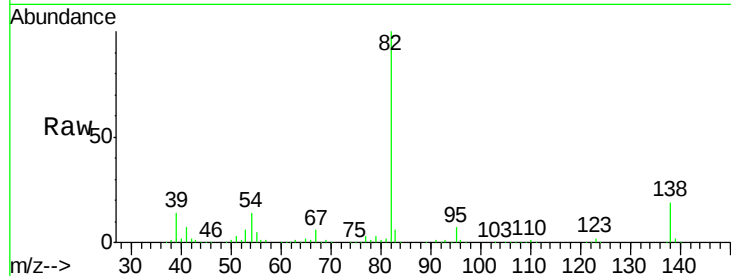
ClientSampleId :

PB130359BS

Tot Ion:	82	Resp:	851252
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	19.2	15.6	23.4

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#26

2-Nitrophenol

Concen: 42.722 ng

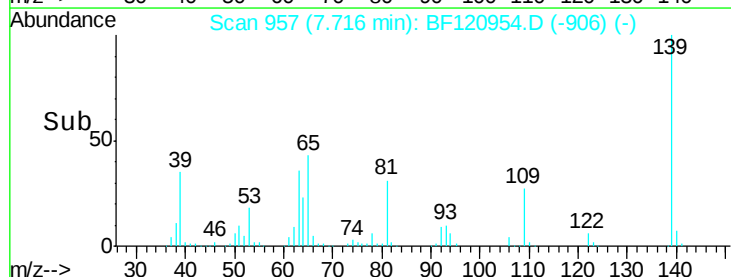
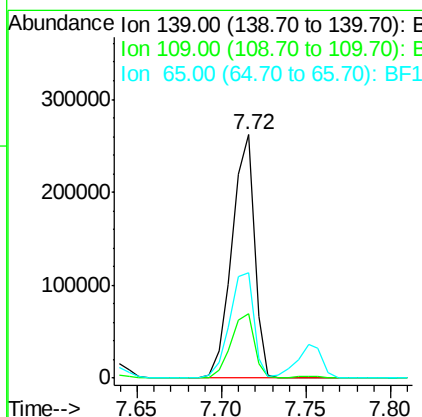
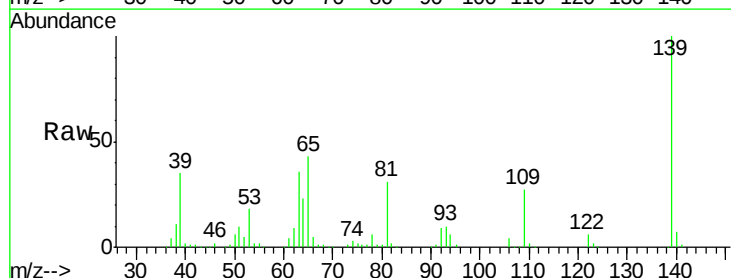
RT: 7.72 min Scan# 957

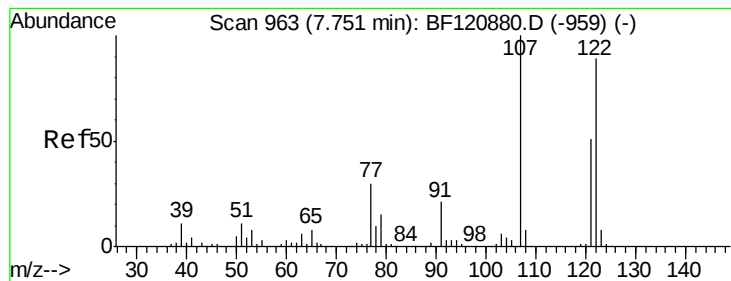
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	139	Resp:	242669
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.6	32.4
65	43.4	35.3	52.9





#27

2,4-Dimethylphenol

Concen: 43.703 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

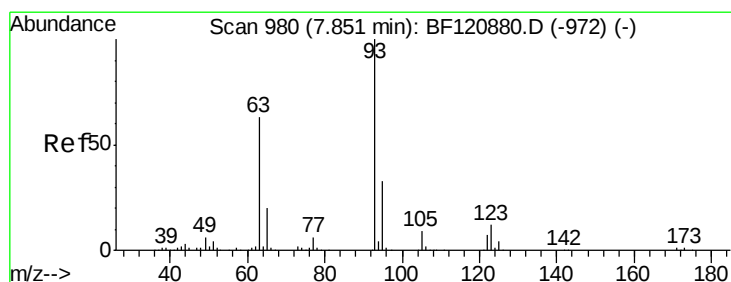
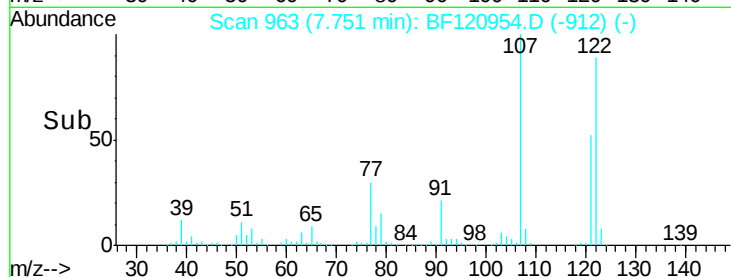
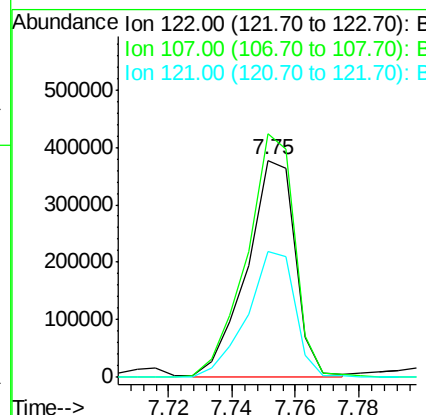
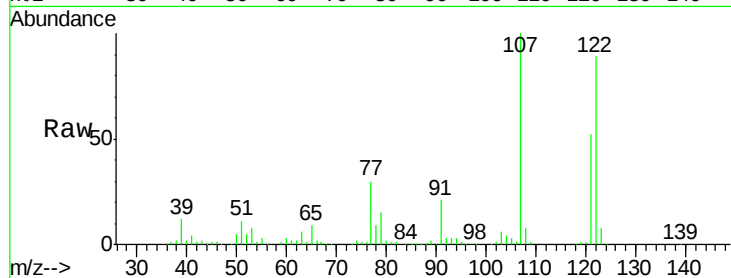
ClientSampled :

PB130359BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	403048		
107	112.2		89.4	134.0
121	58.0		46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.342 ng

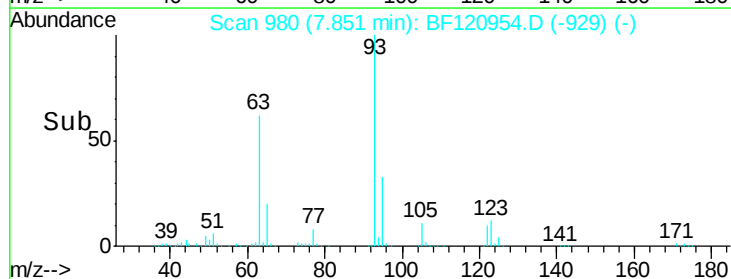
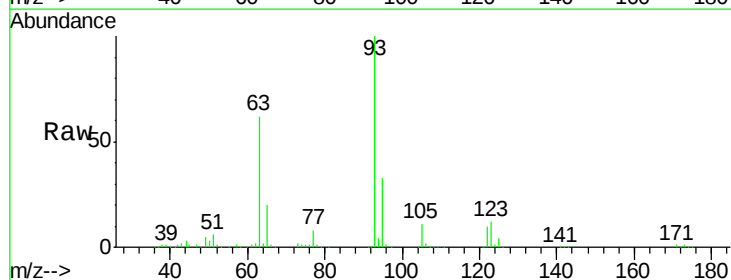
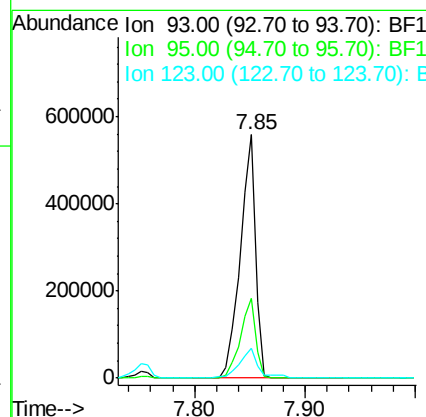
RT: 7.85 min Scan# 980

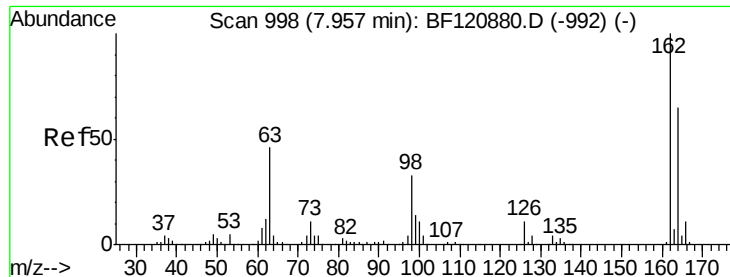
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	545374		
95	32.5		26.6	39.8
123	12.5		10.0	15.0





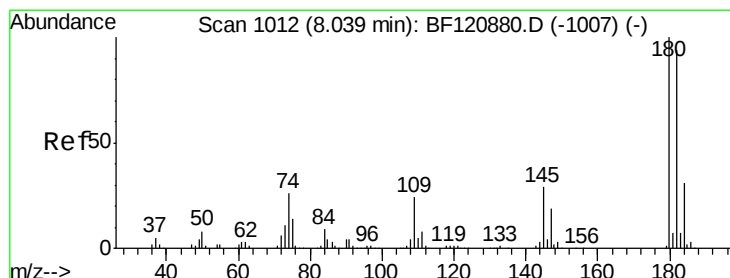
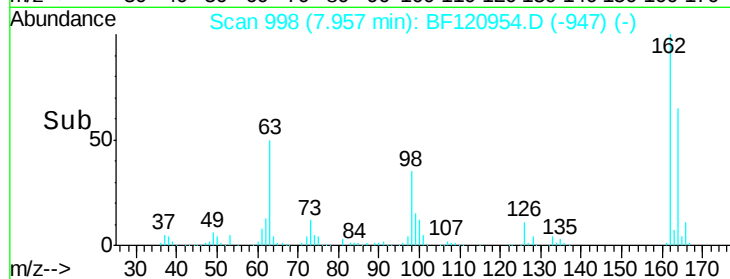
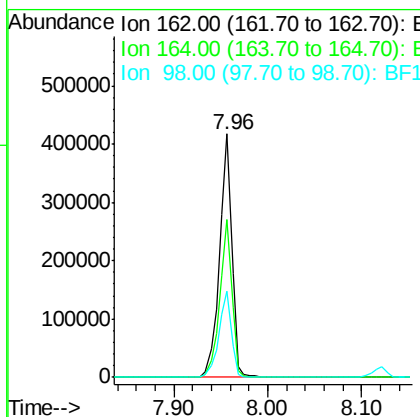
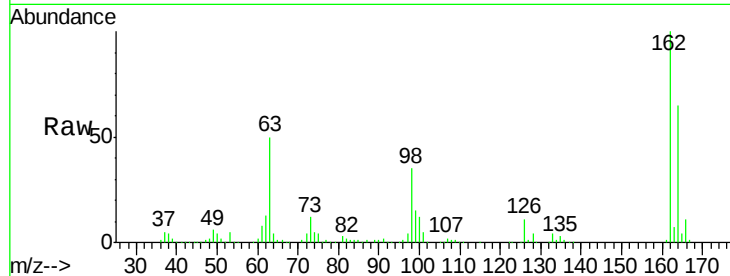
#29
2,4-Dichlorophenol
Concen: 40.720 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampled :
PB130359BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	45.3	85.3
98	35.4	13.3	53.3

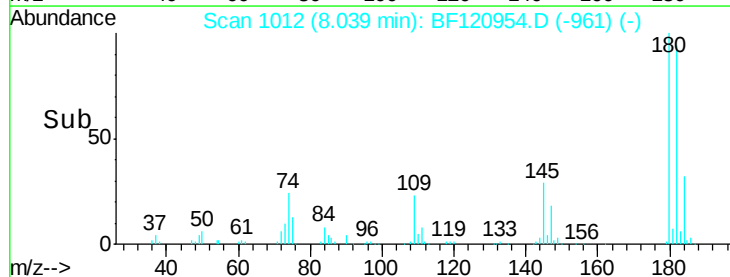
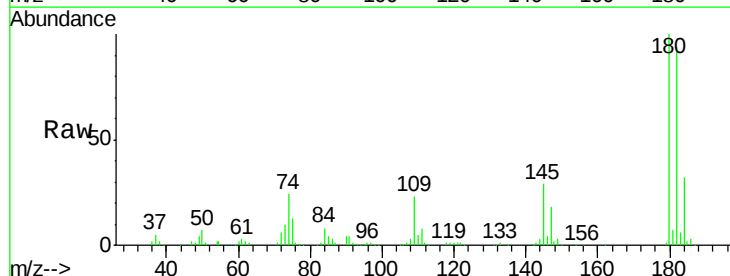
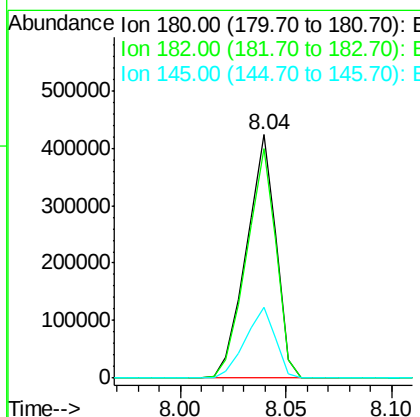
Manual Integrations
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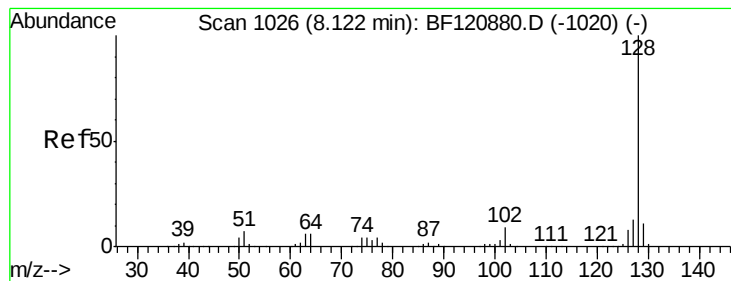
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#30
1,2,4-Trichlorobenzene
Concen: 39.329 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	75.0	112.6
145	29.3	23.5	35.3





#31

Naphthalene

Concen: 38.880 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:128 Resp: 1280549

Ion Ratio Lower Upper

128 100

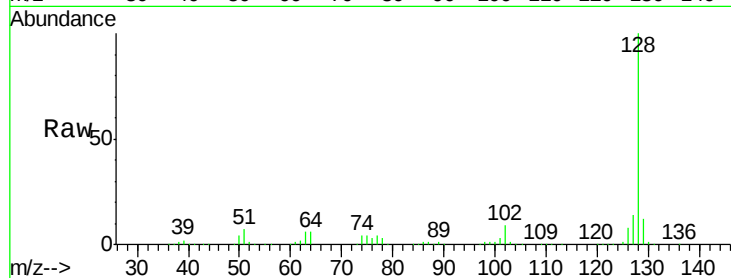
129 11.6 9.1 13.7

127 13.7 10.7 16.1

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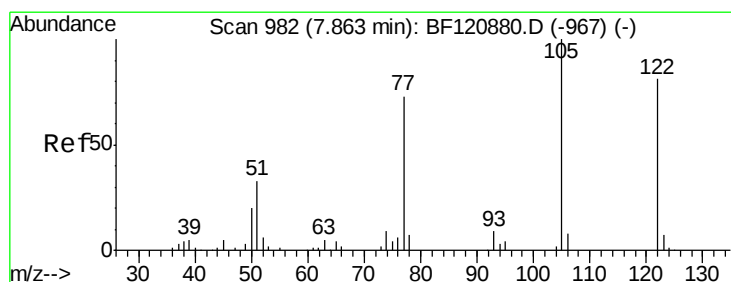
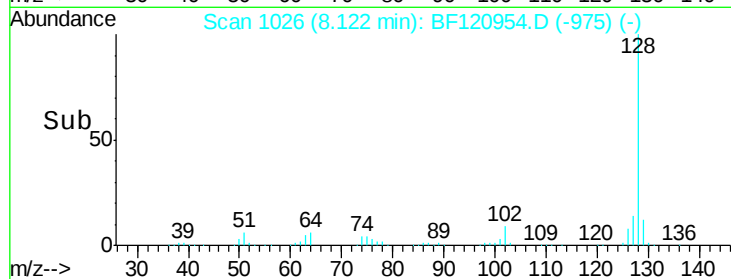
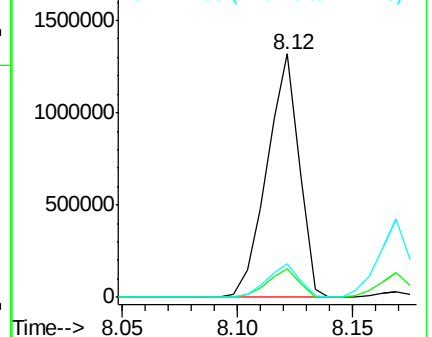
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.333 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

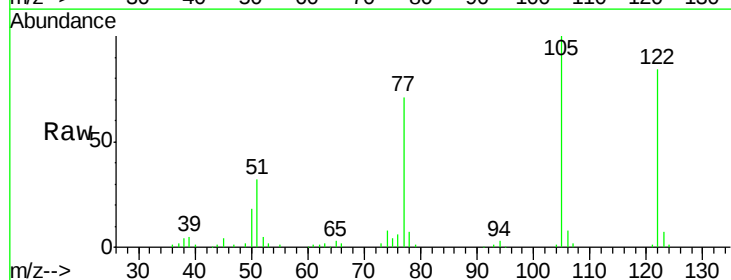
Tgt Ion:122 Resp: 279221

Ion Ratio Lower Upper

122 100

105 118.7 101.3 141.3

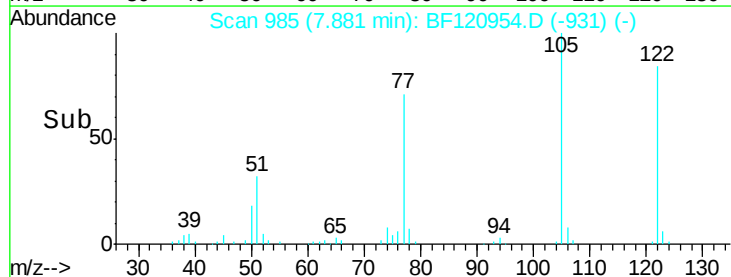
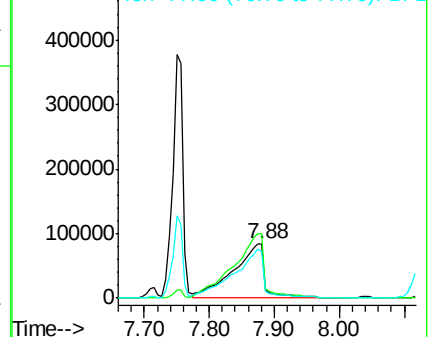
77 84.8 69.1 109.1

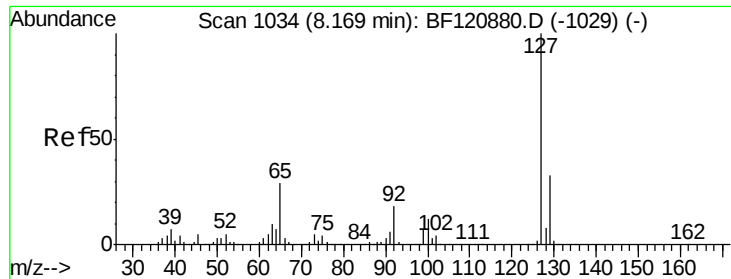


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





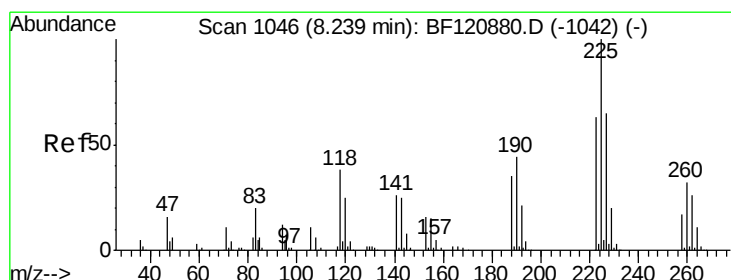
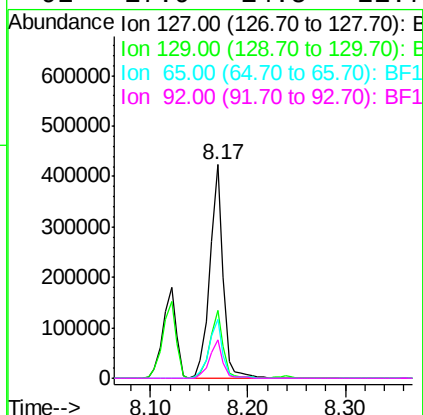
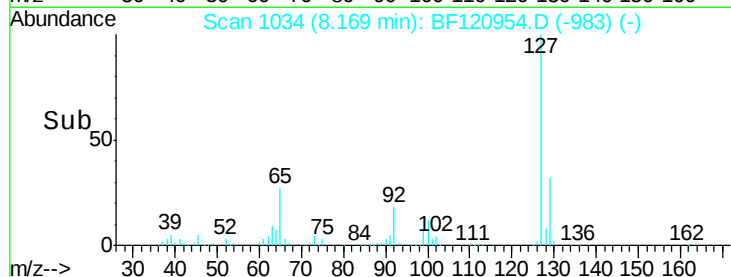
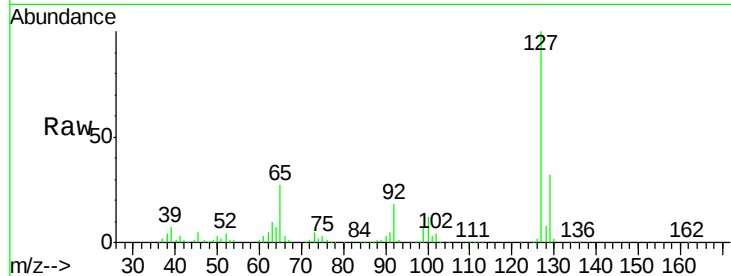
#33
4-Chloroaniline
Concen: 27.084 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.5	39.7		
65	27.4	23.0	34.4		
92	17.9	14.5	21.7		

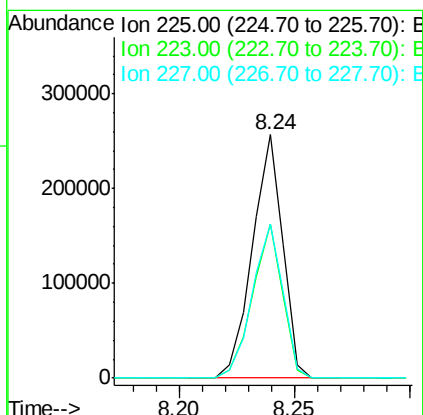
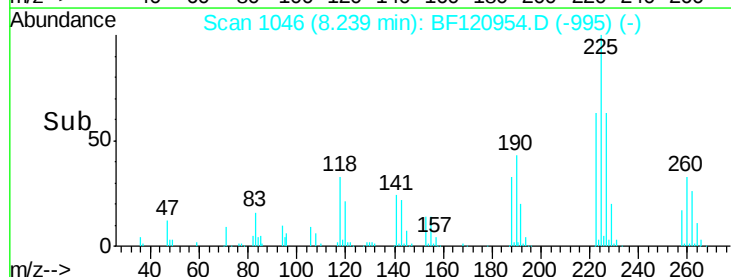
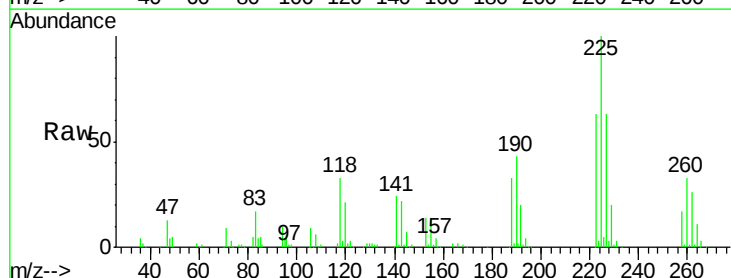
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#34
Hexachlorobutadiene
Concen: 38.170 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.6	76.0		
227	63.4	52.2	78.2		





#35

Caprolactam

Concen: 40.633 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

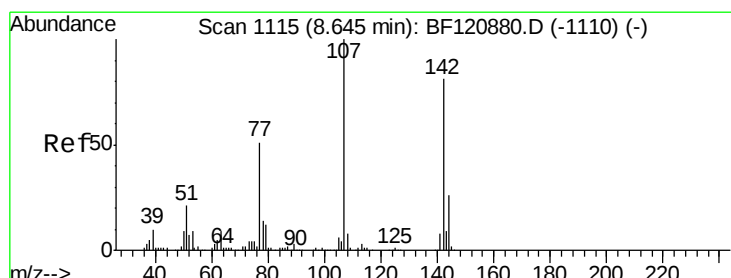
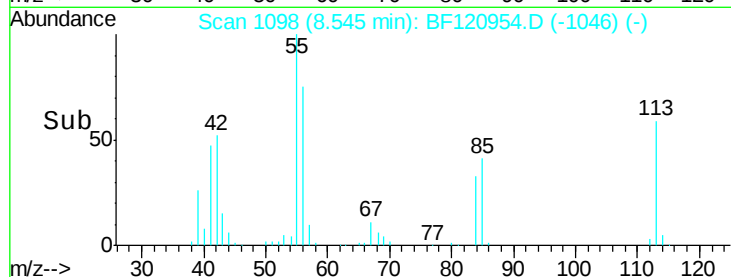
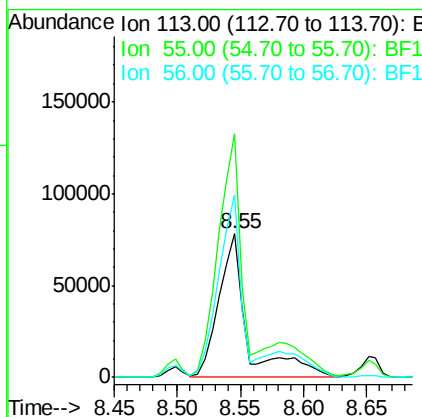
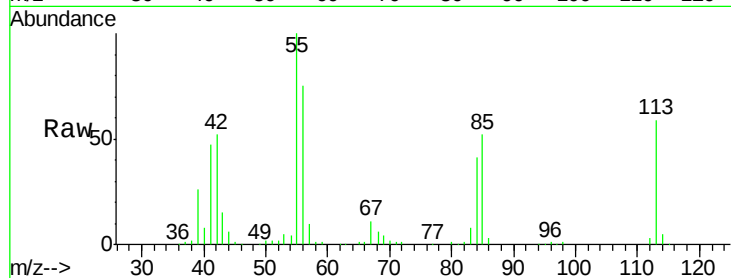
ClientSampleId :

PB130359BS

Tot Ion:	113	Resp:	122796
Ion Ratio	Lower	Upper	
113	100		
55	169.6	143.3	183.3
56	126.8	99.4	139.4

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#36

4-Chloro-3-methylphenol

Concen: 41.659 ng/ml

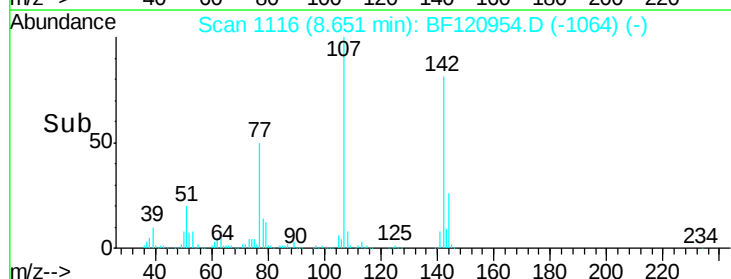
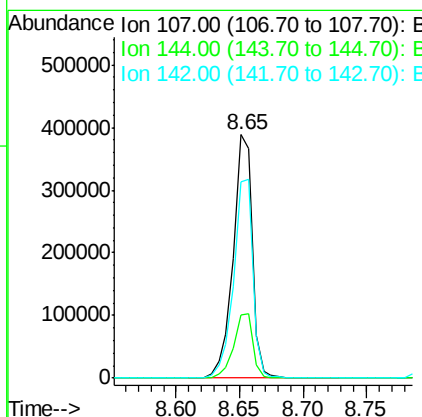
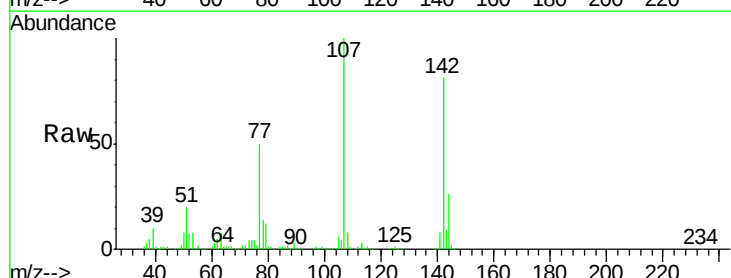
RT: 8.65 min Scan# 1116

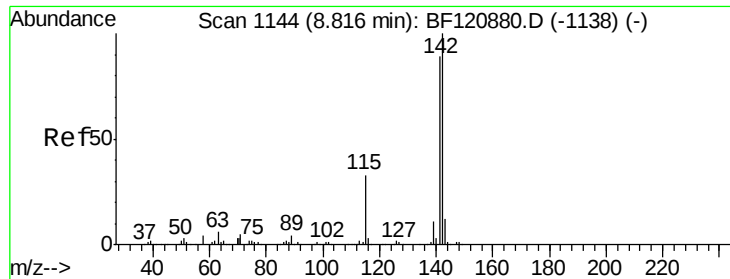
Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	107	Resp:	402644
Ion Ratio	Lower	Upper	
107	100		
144	25.8	21.0	31.6
142	80.6	65.0	97.6





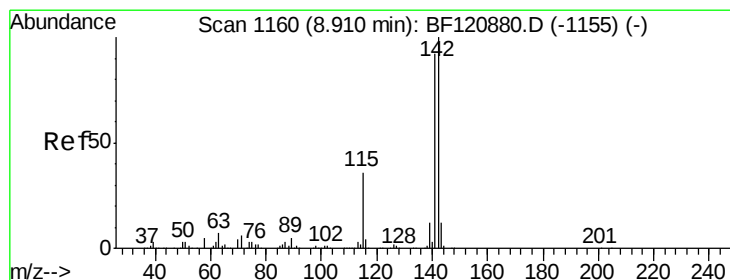
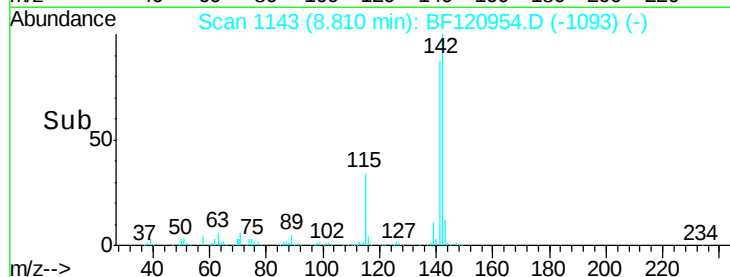
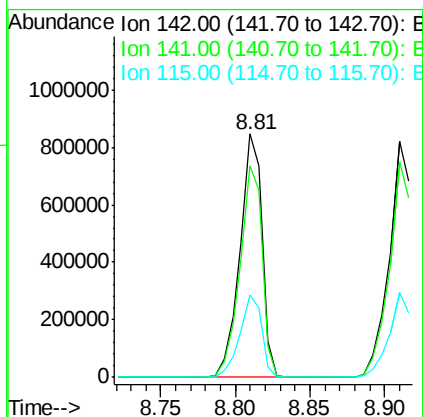
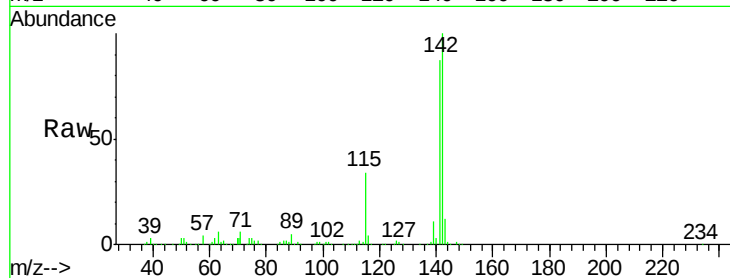
#37
2-Methylnaphthalene
Concen: 40.810 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.0	106.4
115	34.1	26.0	39.0

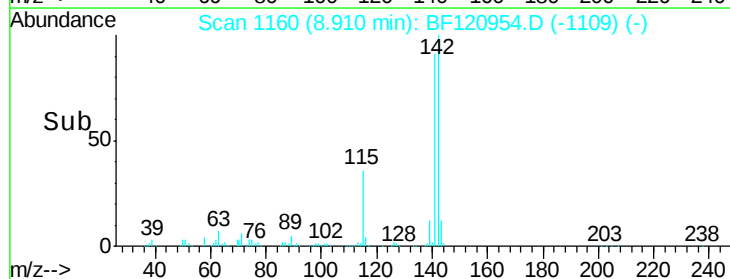
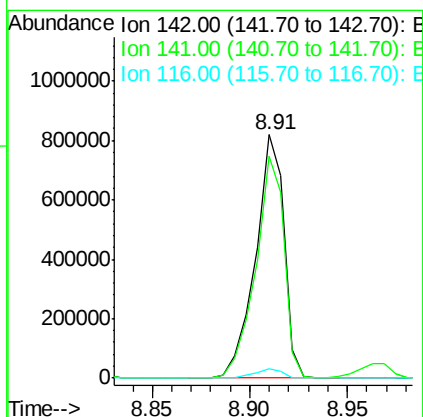
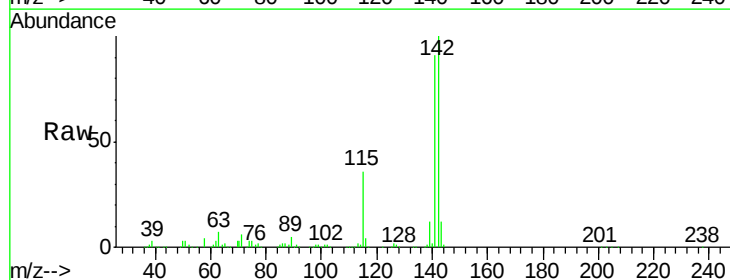
Manual Integrations
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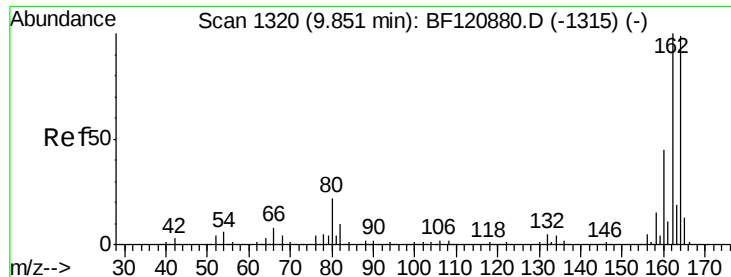
Sohil
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#38
1-Methylnaphthalene
Concen: 40.764 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

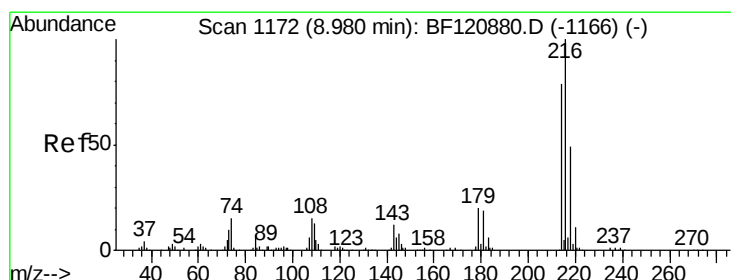
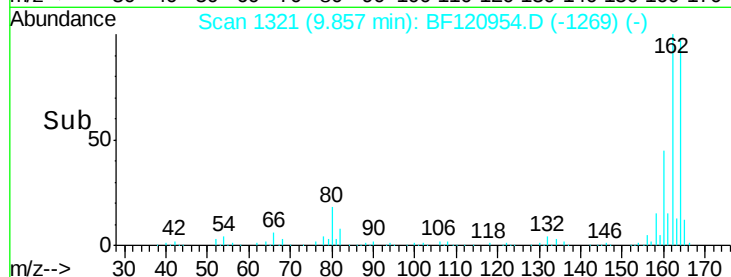
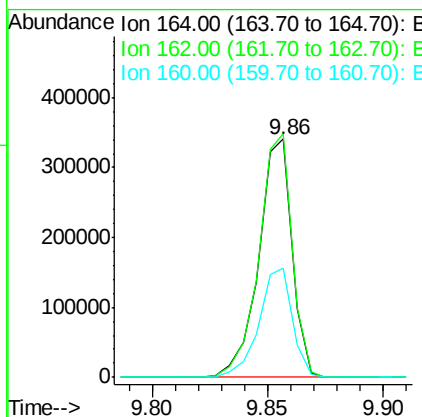
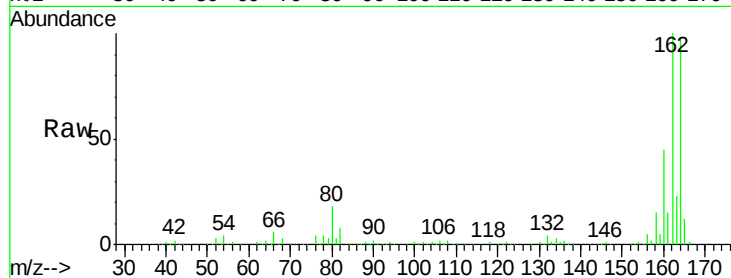
ClientSampleId :

PB130359BS

Tot Ion:	164	Resp:	343123
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.2	121.8
160	46.1	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.176 ng

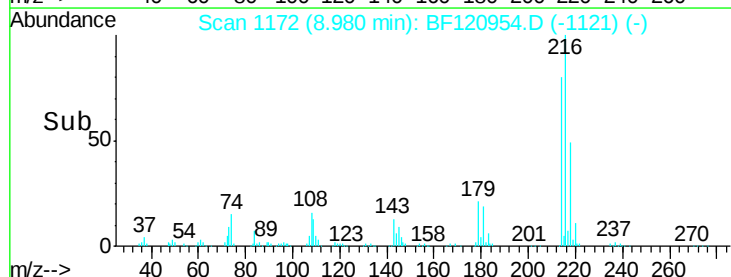
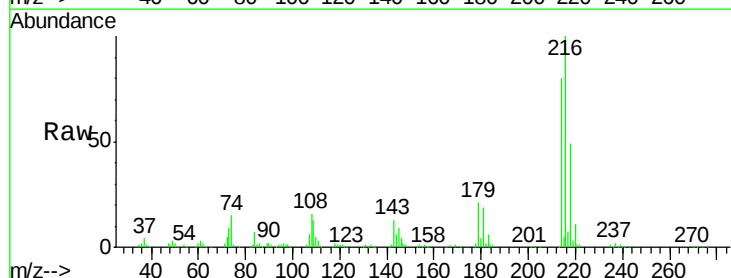
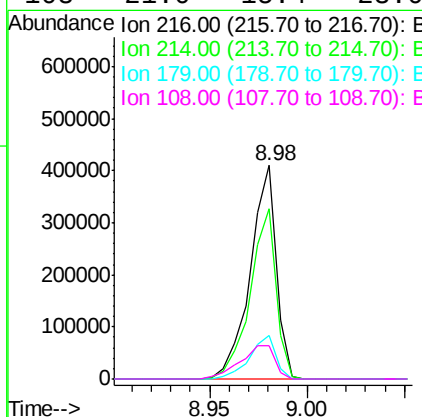
RT: 8.98 min Scan# 1172

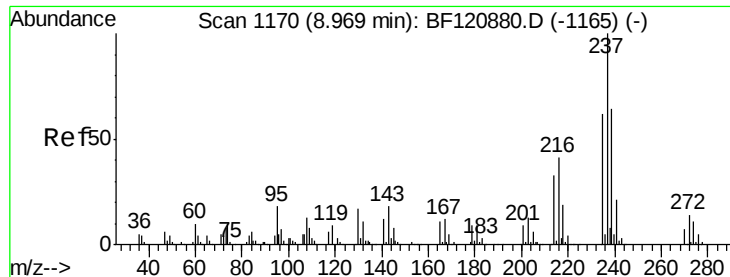
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	216	Resp:	381650
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.8
179	20.7	16.6	24.8
108	21.0	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 83.053 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

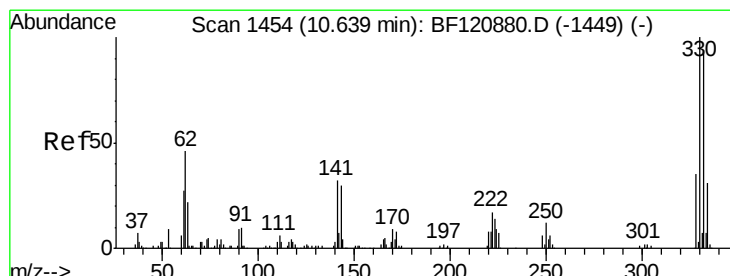
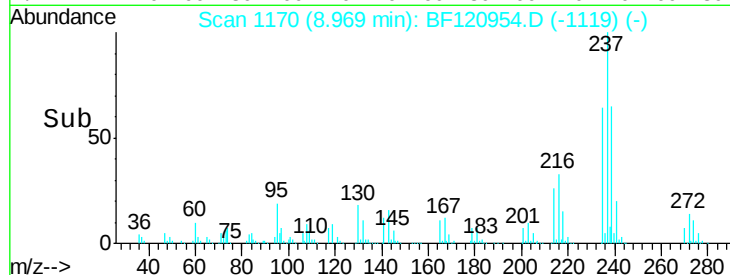
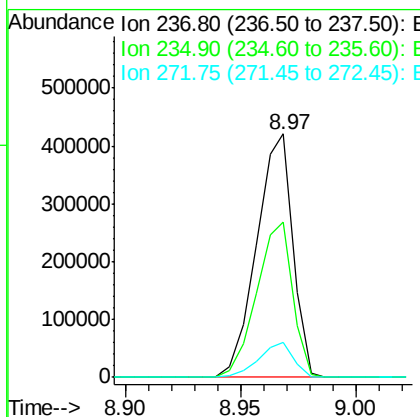
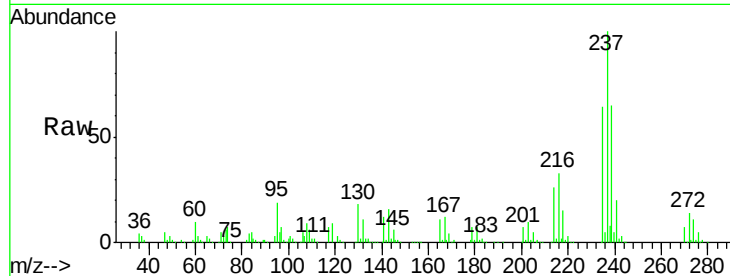
ClientSampleId :

PB130359BS

Tot Ion:	237	Resp:	458887
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.6	81.6
272	14.2	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 81.180 ng

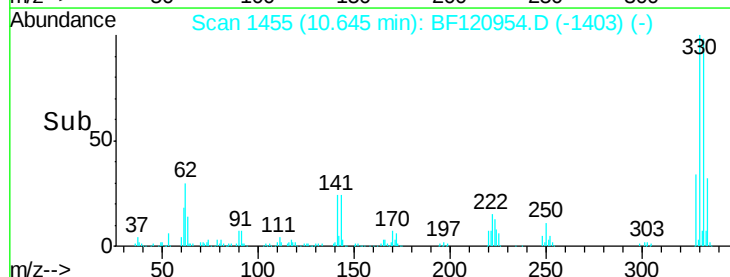
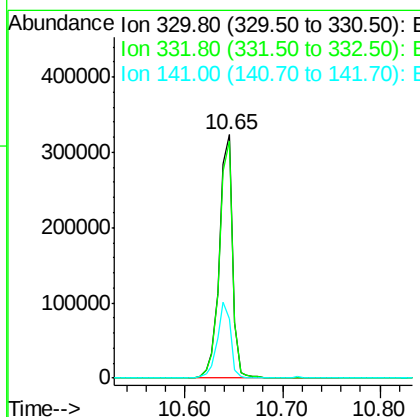
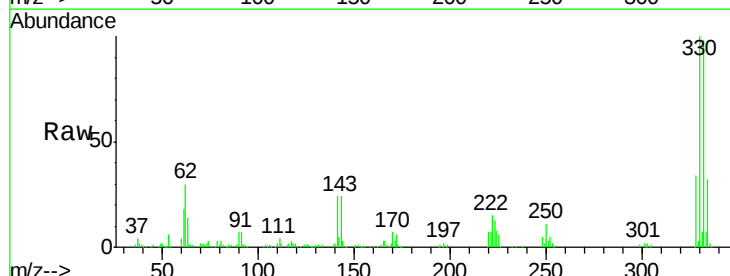
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	330	Resp:	304899
Ion Ratio	Lower	Upper	
330	100		
332	97.0	75.5	113.3
141	31.6	25.7	38.5





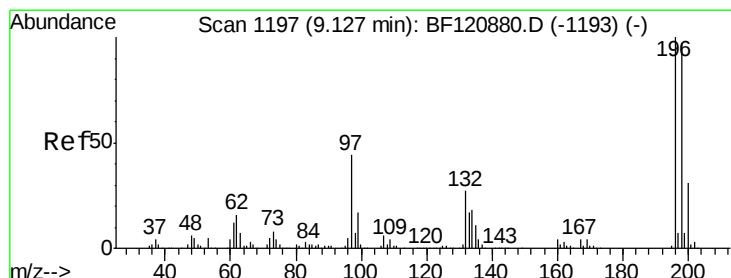
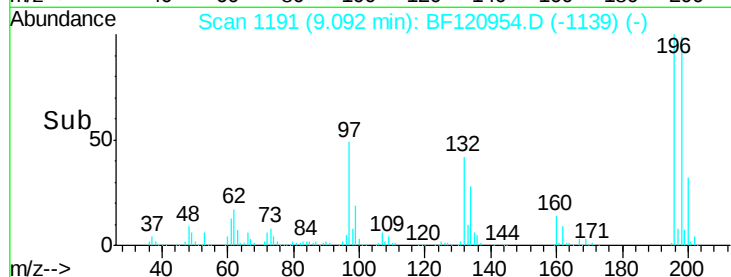
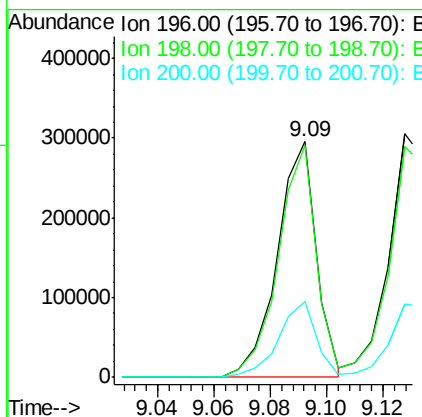
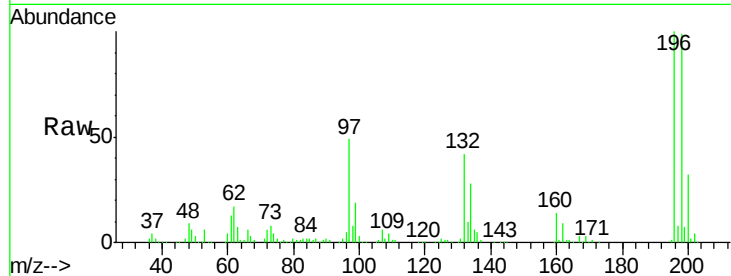
#43
 2,4,6-Trichlorophenol
 Concen: 40.045 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:	196	Resp:	281874
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.7	113.5
200	32.1	24.4	36.6

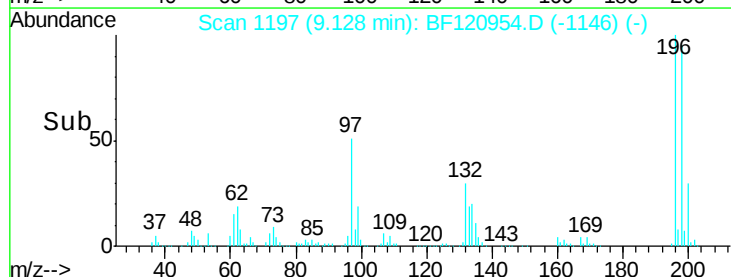
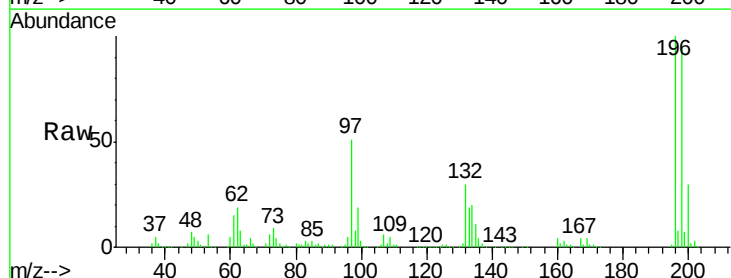
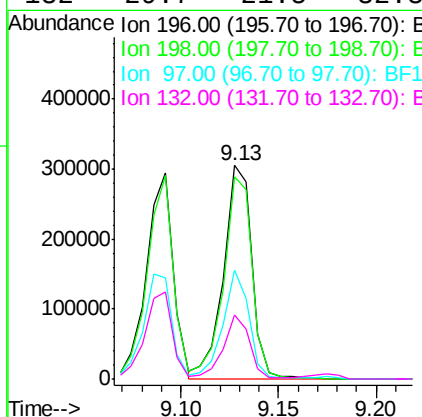
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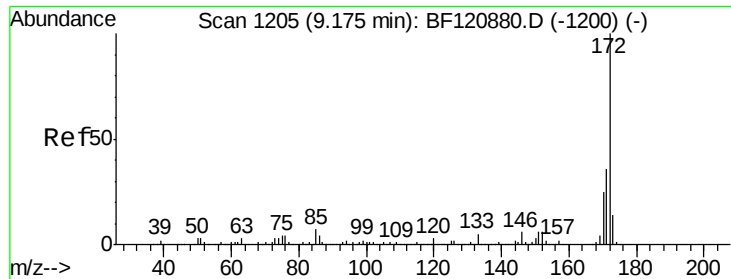
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#44
 2,4,5-Trichlorophenol
 Concen: 38.375 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:	196	Resp:	306403
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.6	116.4
97	50.8	35.6	53.4
132	29.7	21.5	32.3





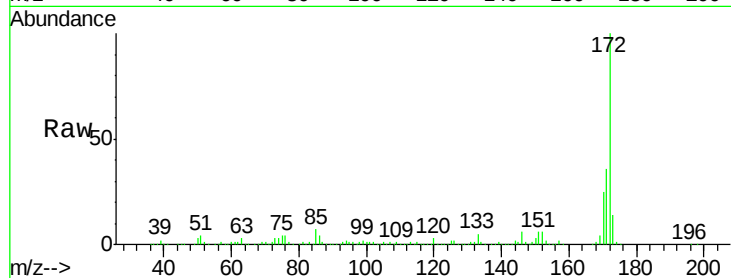
#45
2-Fluorobiphenyl
Concen: 72.265 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.7	19.6	29.4

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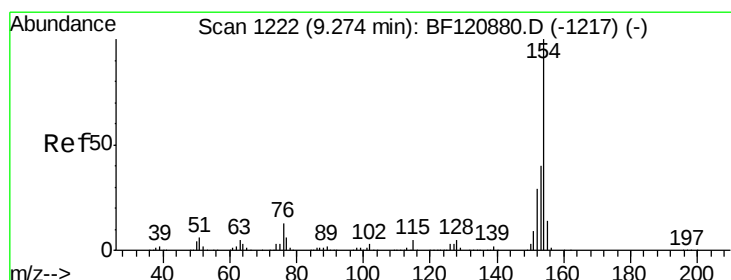
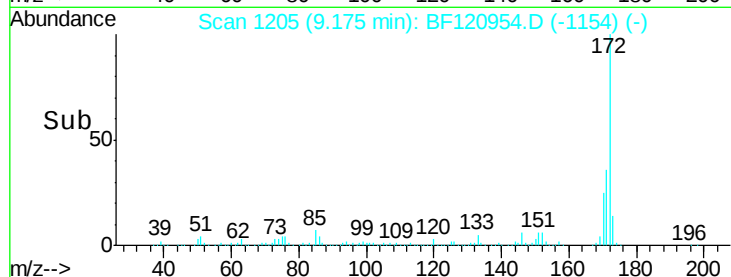
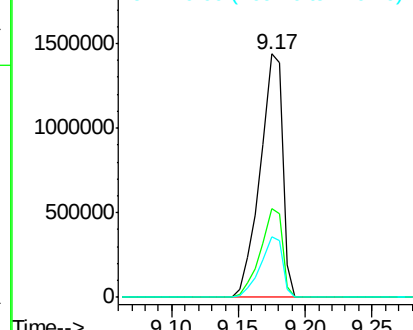


Abundance

Ion 172.00 (171.70 to 172.70): E

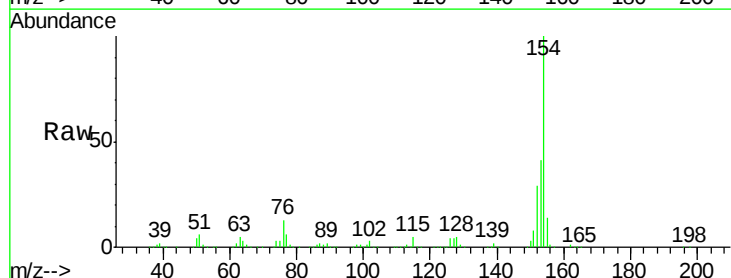
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.346 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	13.3	0.0	33.1

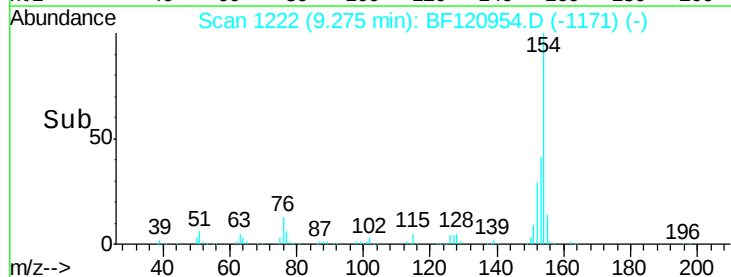
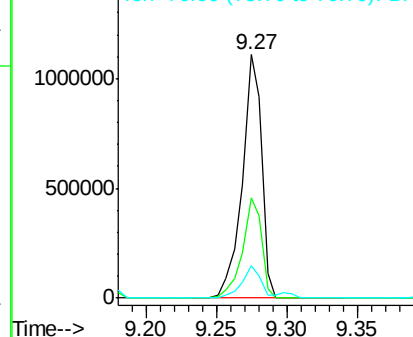


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





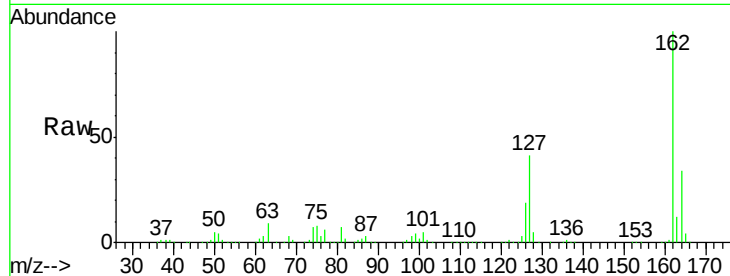
#47
 2-Chloronaphthalene
 Concen: 38.127 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampled :
 PB130359BS

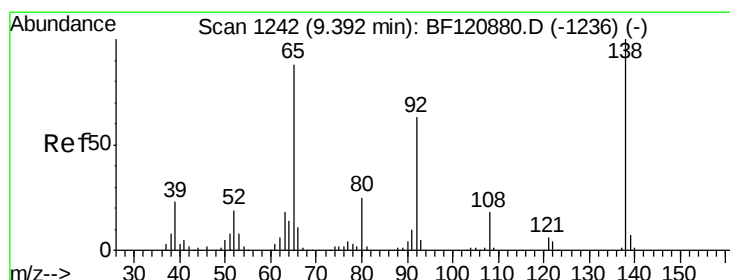
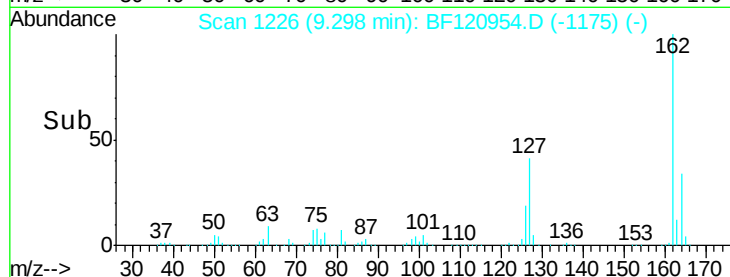
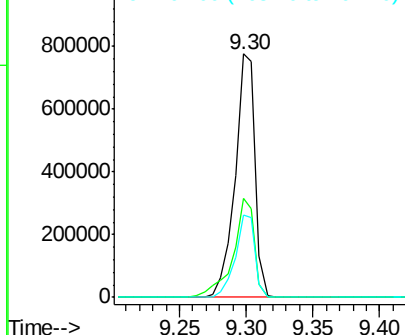
Tot Ion	Ratio	Resp	Lower	Upper
162	100	813603		
127	40.7		33.3	49.9
164	33.6		26.6	39.8

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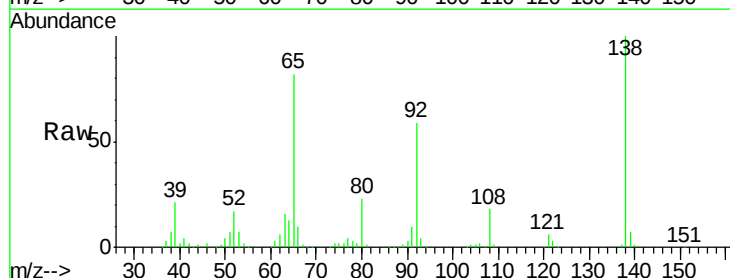


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

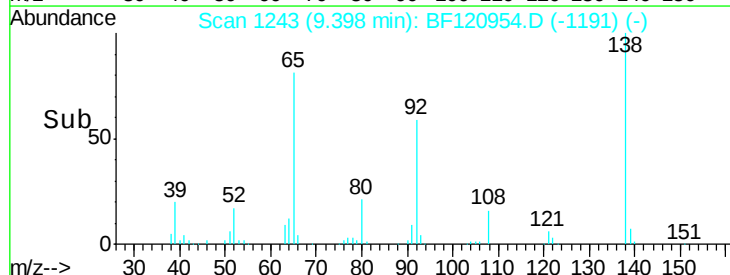
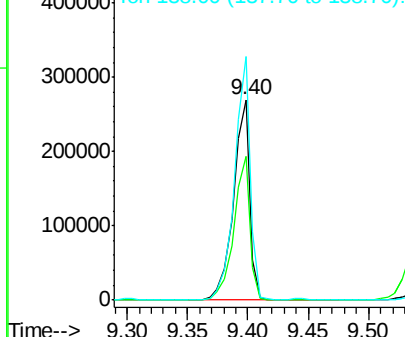


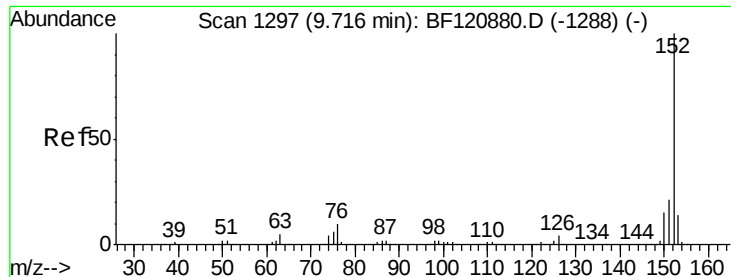
#48
 2-Nitroaniline
 Concen: 39.318 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	253556		
92	71.8		57.0	85.4
138	121.5		90.4	135.6



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





#49

Acenaphthylene

Concen: 39.388 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

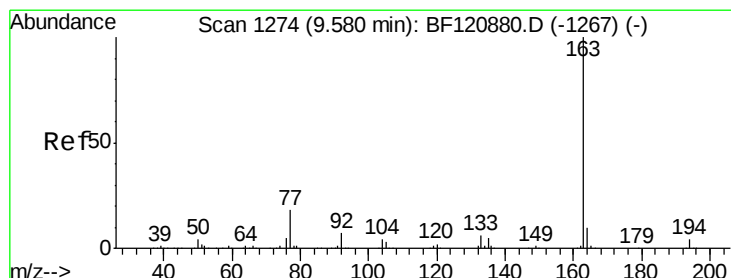
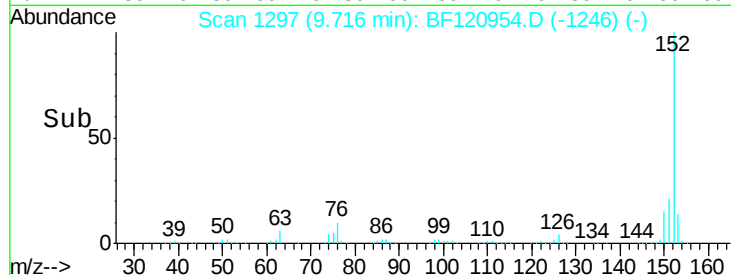
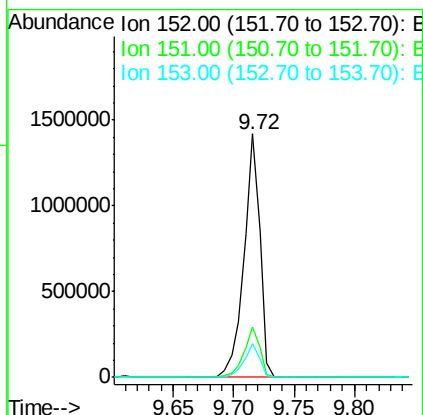
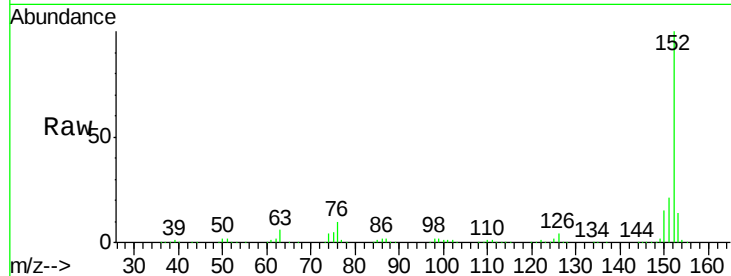
ClientSampleId :

PB130359BS

Tot Ion:	152	Resp:	1305741
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.7	10.9	16.3

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#50

Dimethylphthalate

Concen: 39.231 ng

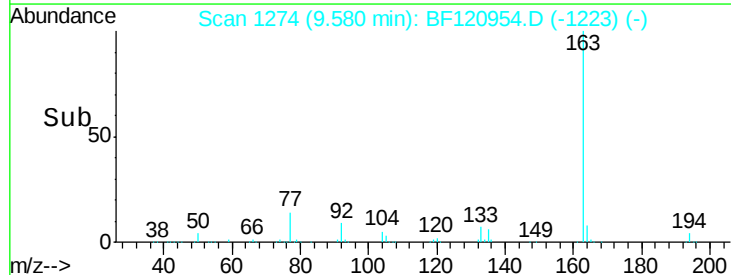
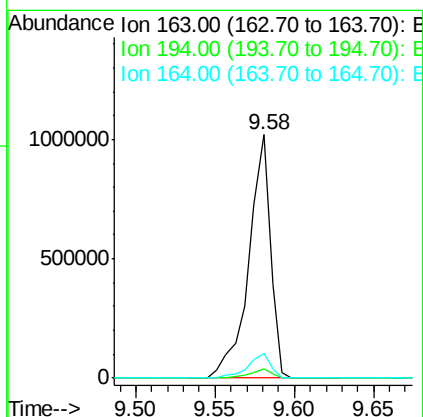
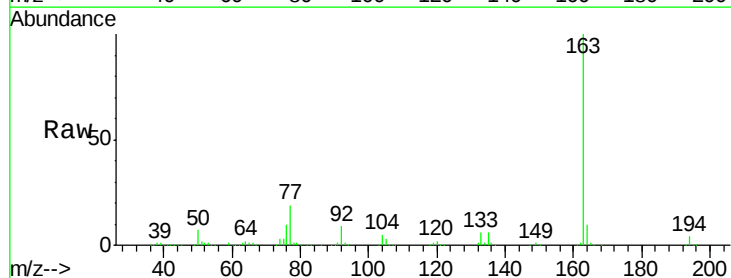
RT: 9.58 min Scan# 1274

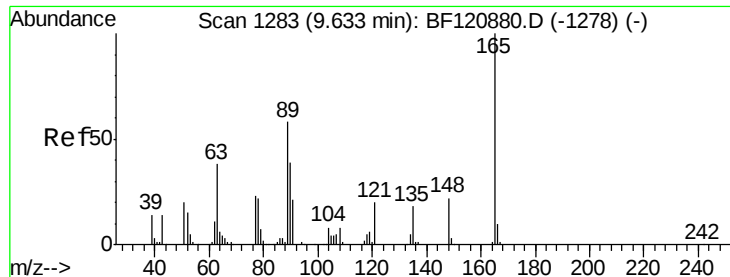
Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	163	Resp:	971120
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.9	11.9





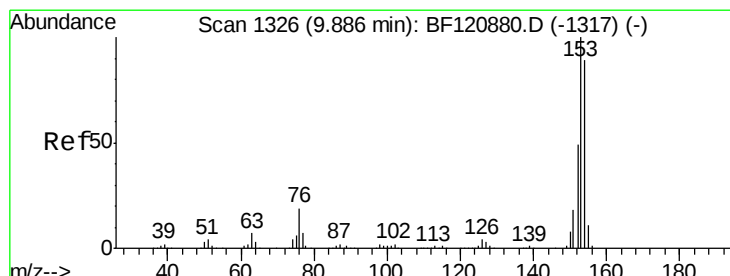
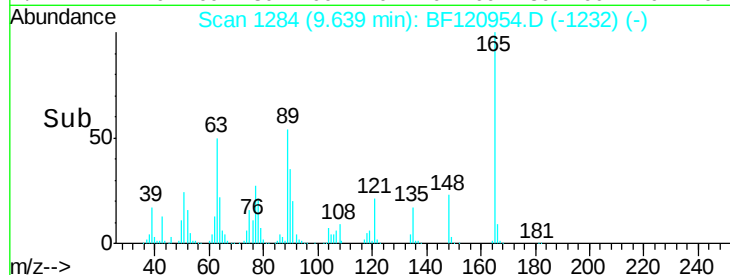
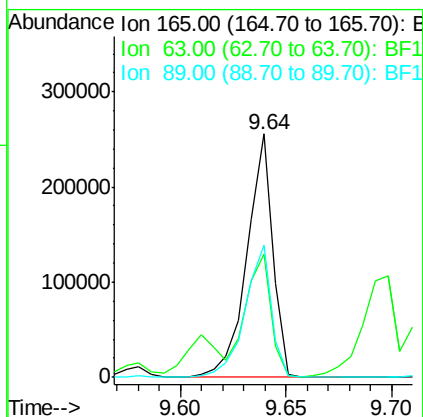
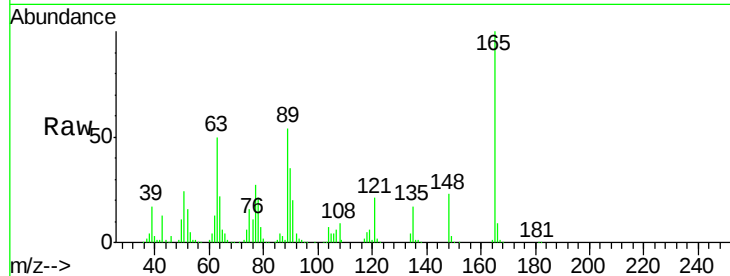
#51
2,6-Dinitrotoluene
Concen: 40.945 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217755		
63	50.4	45.4	68.2	
89	54.2	47.0	70.4	

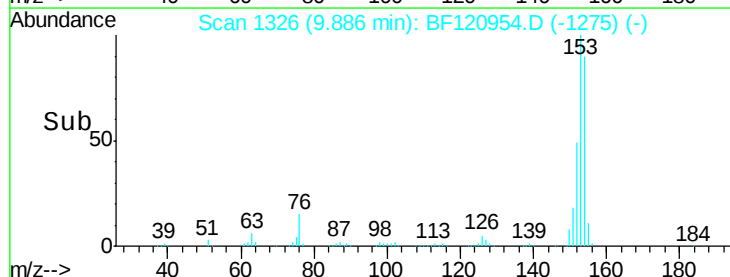
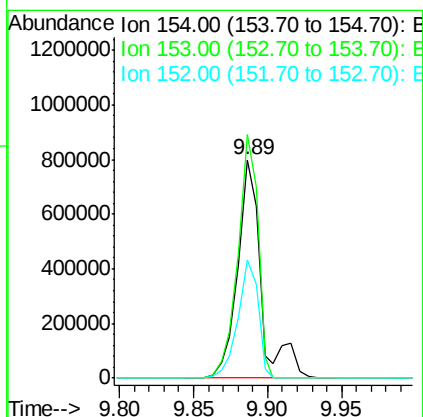
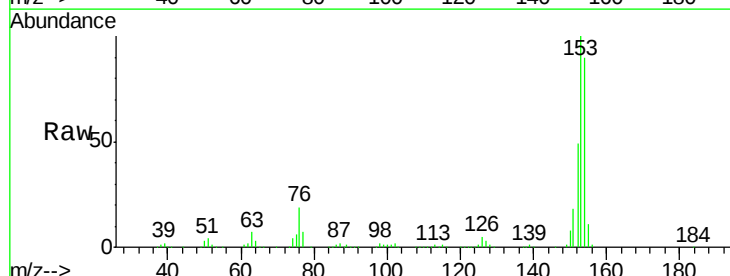
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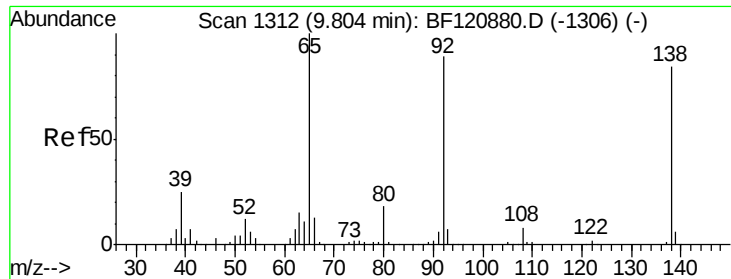
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#52
Acenaphthene
Concen: 41.598 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	876739		
153	111.6	89.5	134.3	
152	54.3	44.2	66.2	





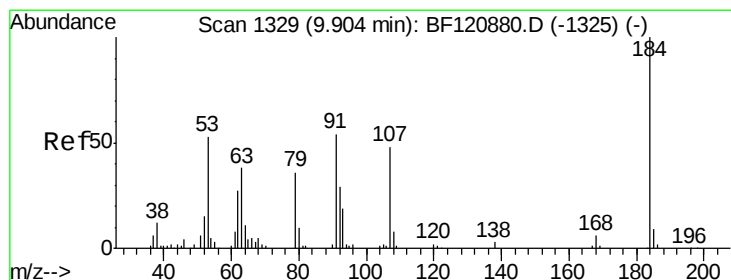
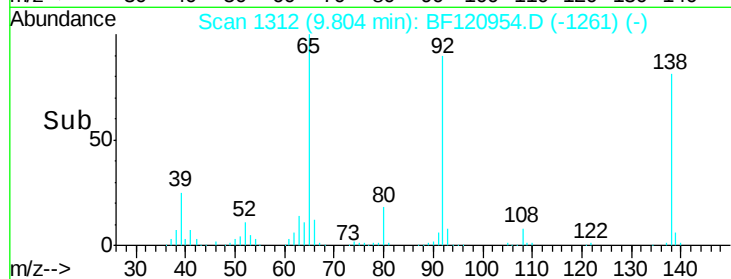
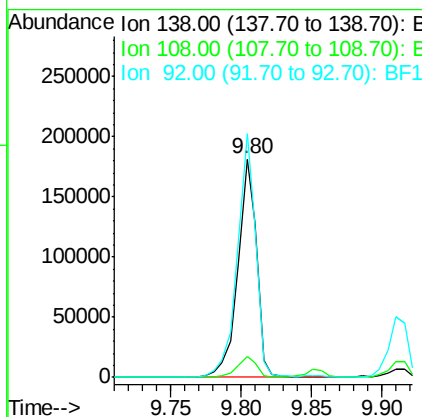
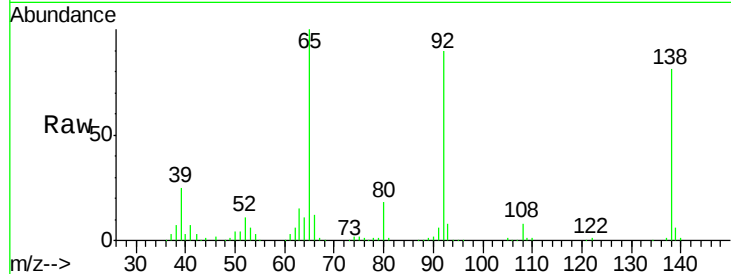
#53
 3-Nitroaniline
 Concen: 25.040 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	111.4	85.3	127.9

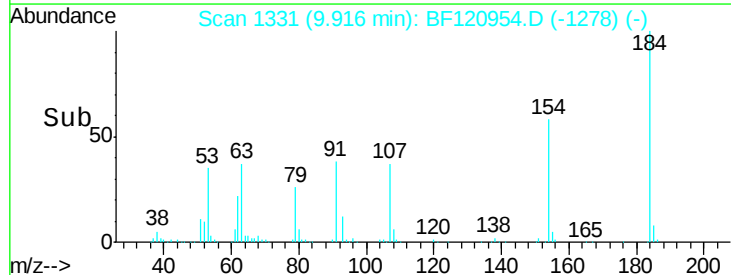
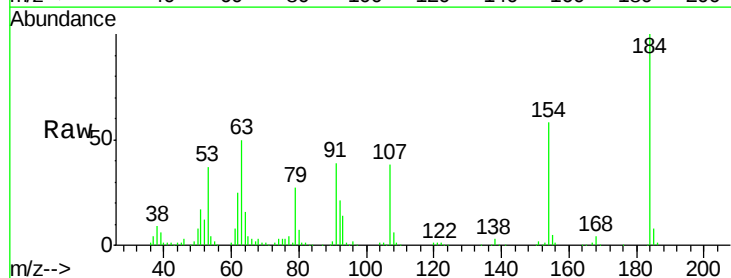
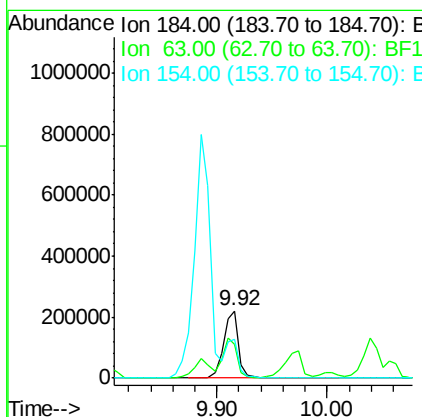
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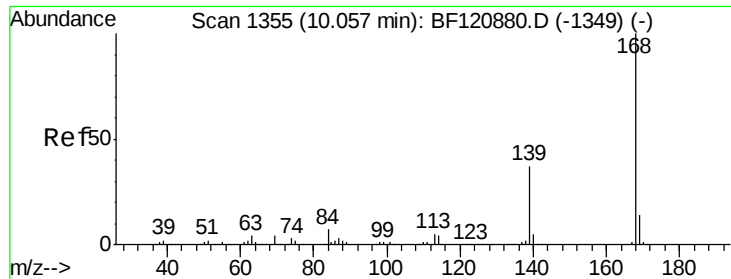
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#54
 2,4-Dinitrophenol
 Concen: 69.168 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.0	57.9	86.9#
154	58.0	52.6	78.8





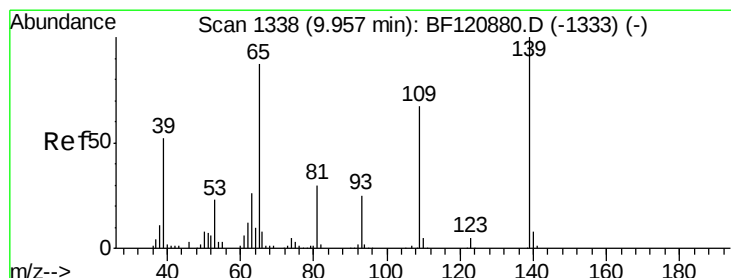
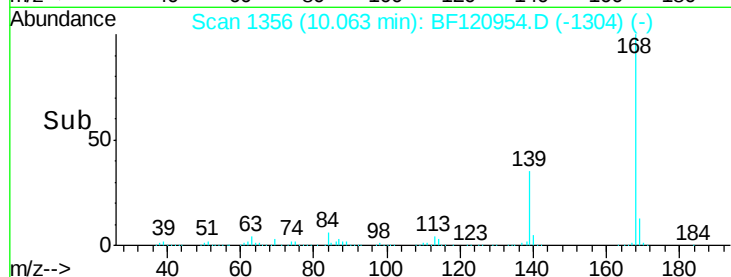
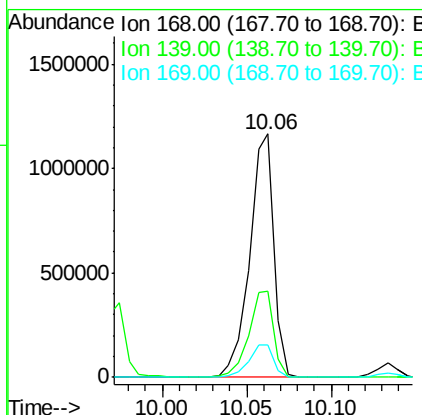
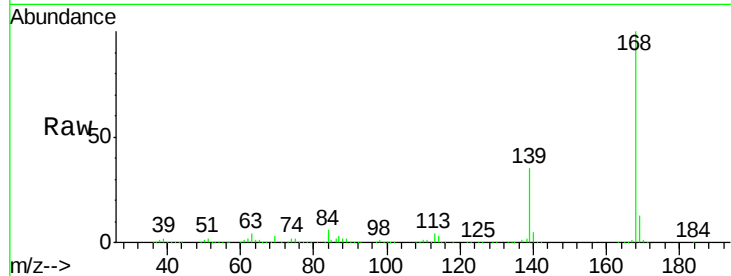
#55
Dibenzenofuran
Concen: 38.328 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.7	44.5
169	13.4	11.1	16.7

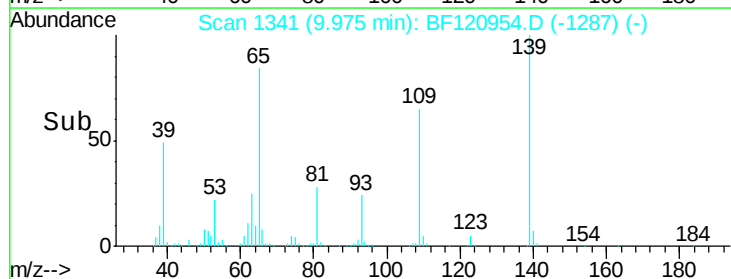
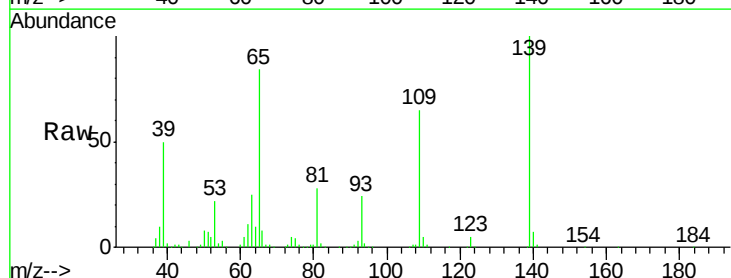
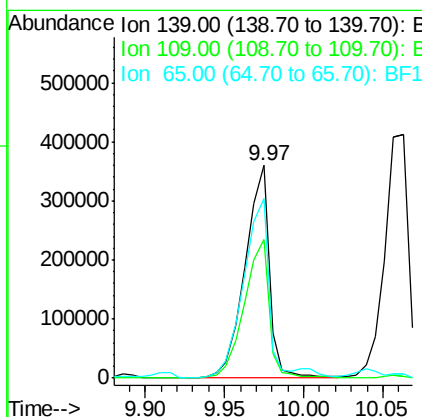
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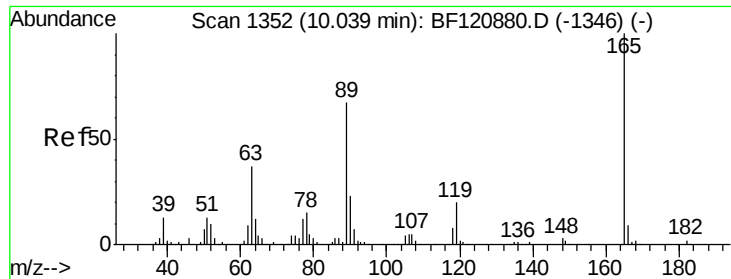
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#56
4-Nitrophenol
Concen: 75.861 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	47.3	87.3
65	84.3	67.2	107.2





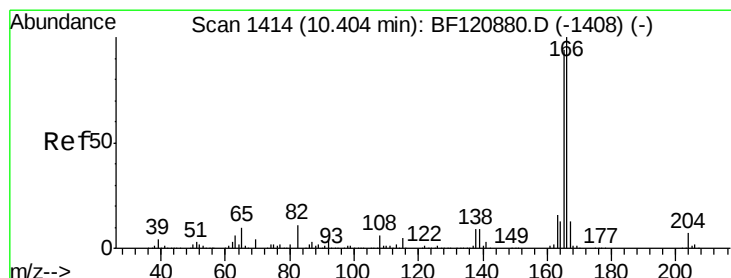
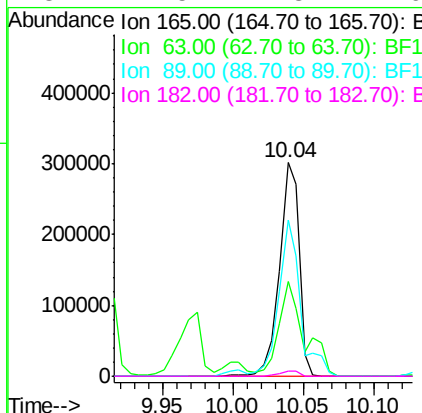
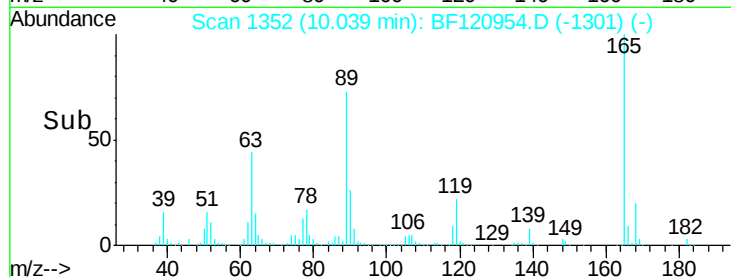
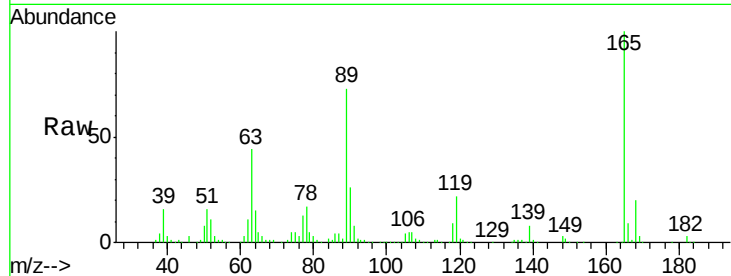
#57
2,4-Dinitrotoluene
Concen: 42.208 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		294775		
63	44.2	29.4	44.2#		
89	73.4	53.4	80.0		
182	2.5	1.8	2.6		

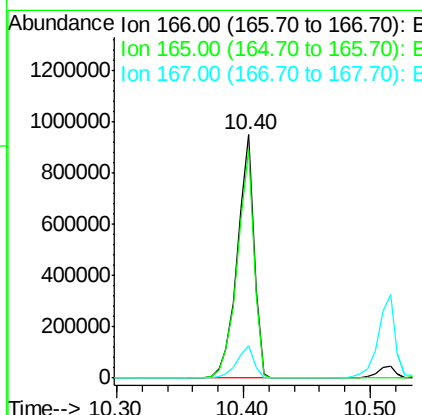
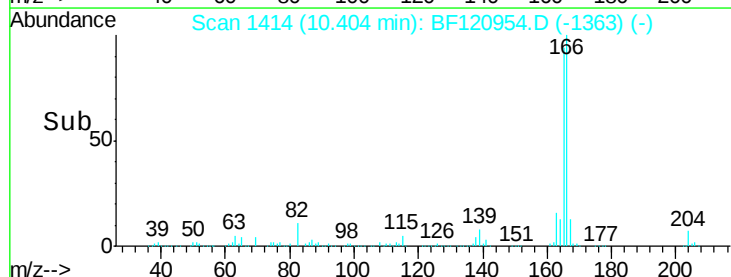
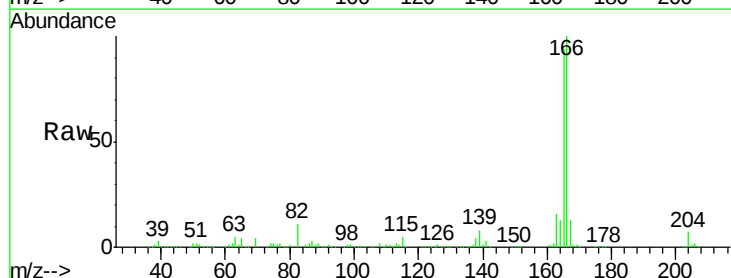
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#58
Fluorene
Concen: 37.476 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		851887		
165	93.6	75.4	113.0		
167	13.4	10.6	15.8		





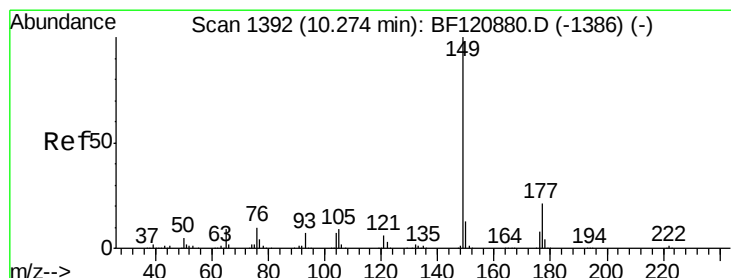
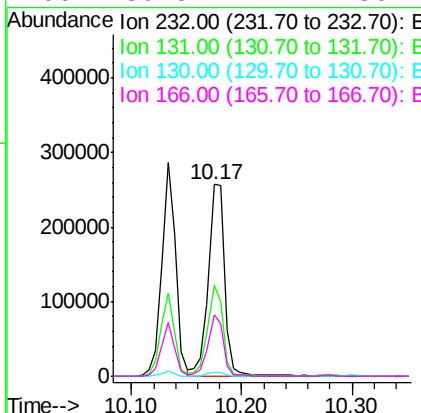
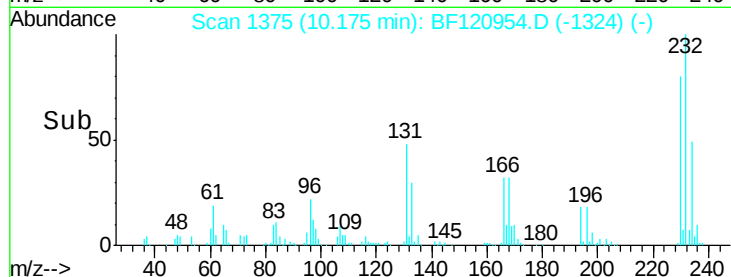
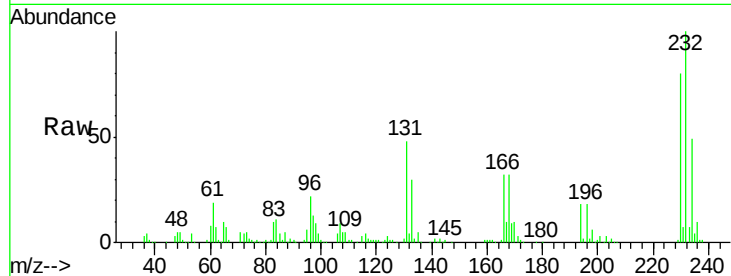
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.419 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	257876		
131	44.3		37.1	55.7
130	2.1		1.7	2.5
166	30.3		24.2	36.4

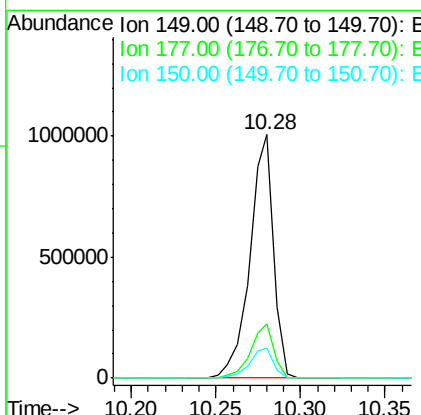
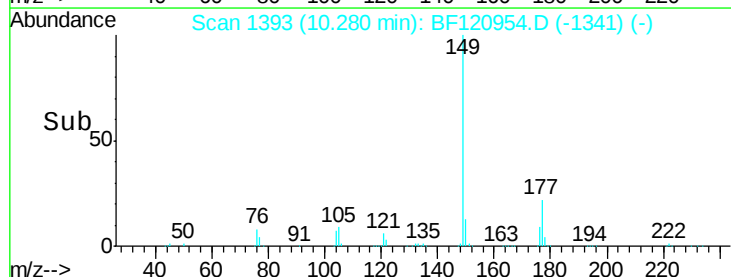
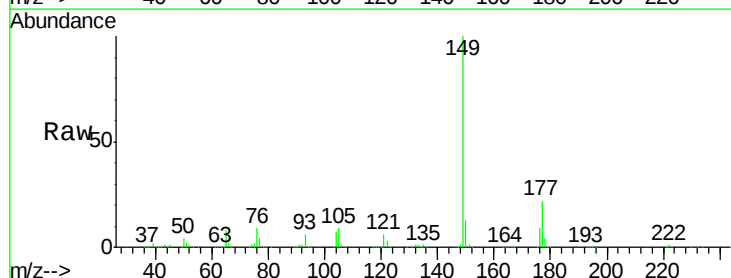
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#60
Diethylphthalate
Concen: 39.328 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	984713		
177	22.2		17.1	25.7
150	12.5		10.3	15.5





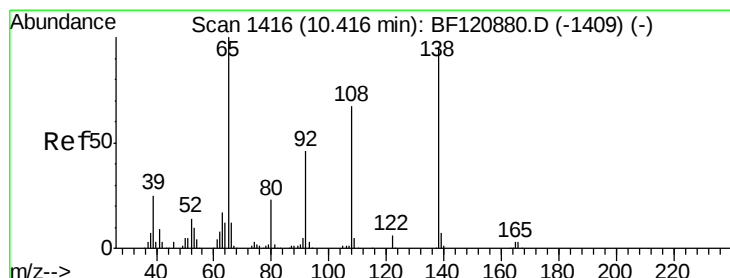
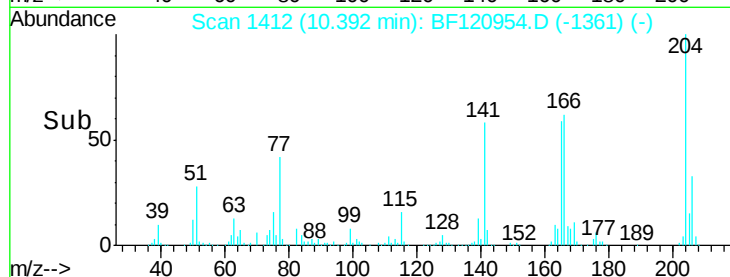
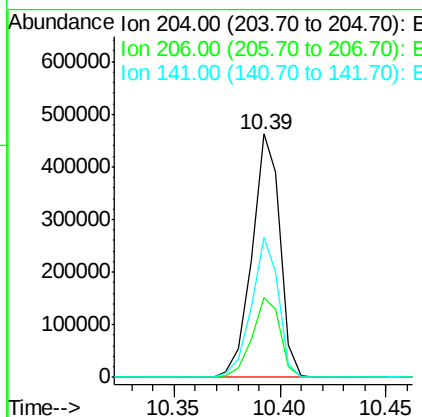
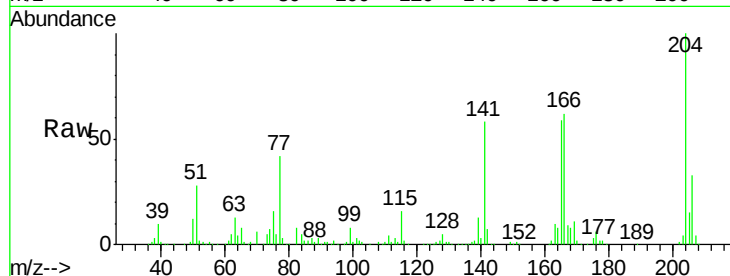
#61
4-Chlorophenyl-phenylether
Concen: 34.997 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	57.7	47.2	70.8

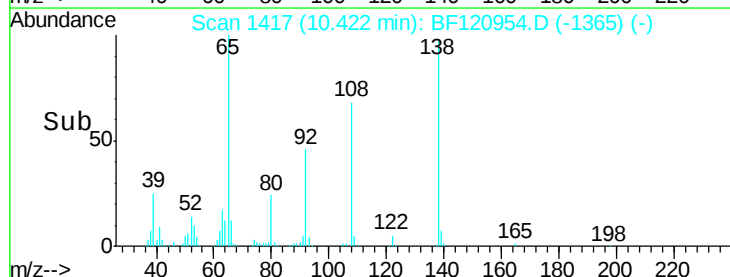
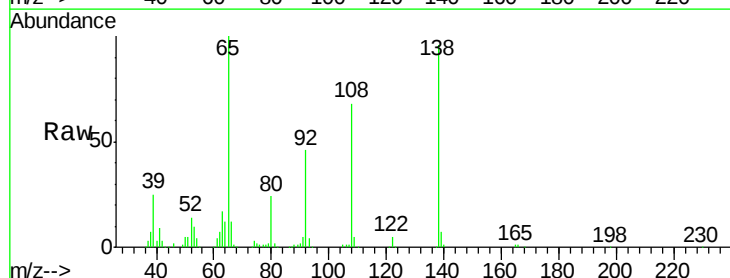
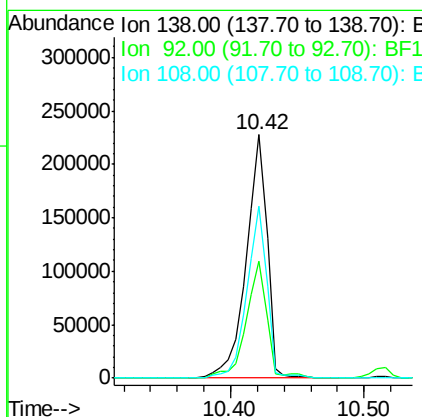
Manual Integrations
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#62
4-Nitroaniline
Concen: 37.570 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	28.6	68.6
108	70.4	51.1	91.1





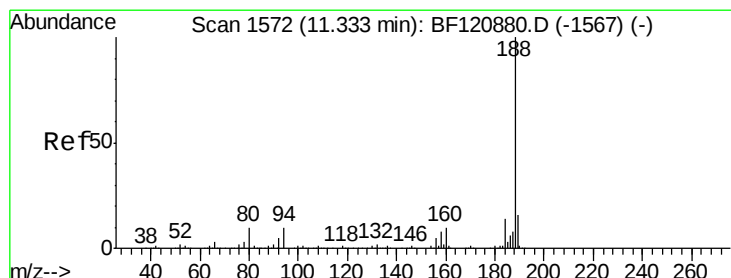
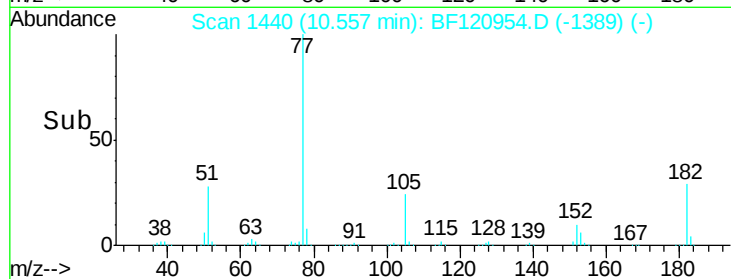
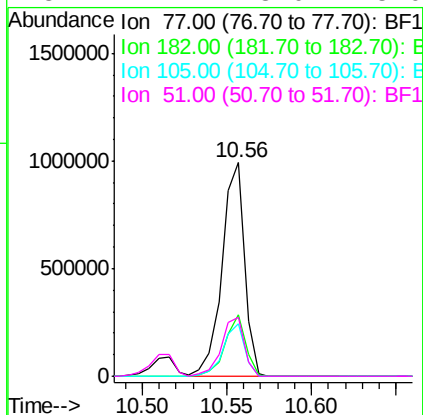
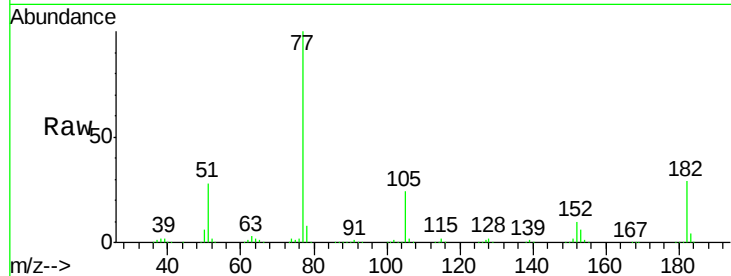
#63
Azobenzene
Concen: 38.548 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		918868		
182	28.6	7.8	47.8		
105	24.3	4.4	44.4		
51	27.7	8.0	48.0		

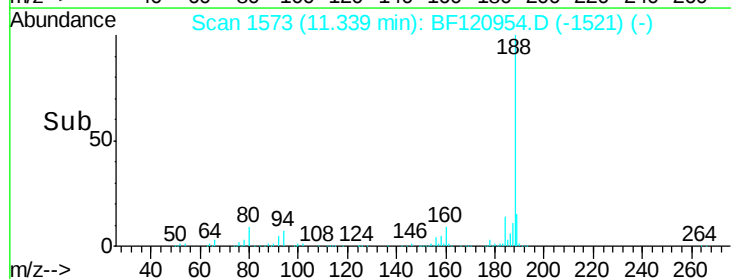
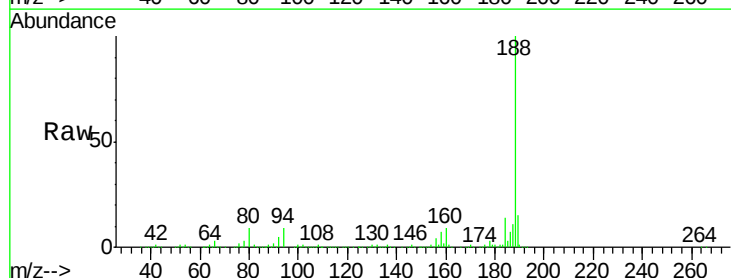
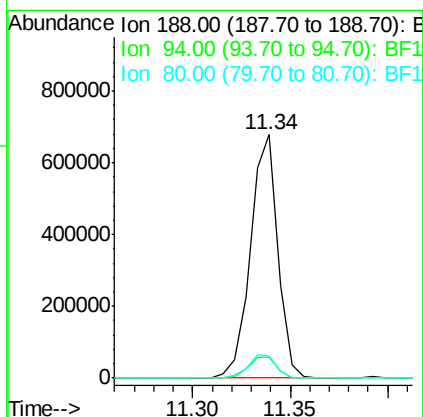
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		655000		
94	8.5	8.0	12.0		
80	9.0	8.3	12.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.385 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:198 Resp: 142340

Ion Ratio Lower Upper

198 100

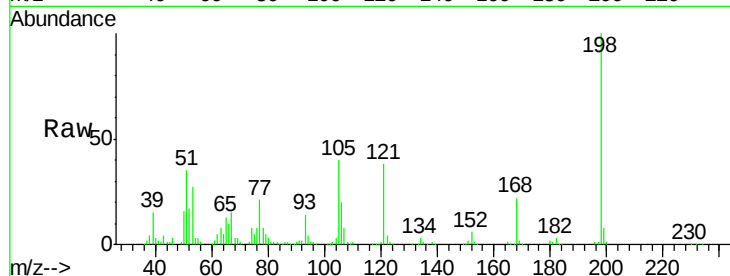
51 35.3 19.5 59.5

105 40.3 24.4 64.4

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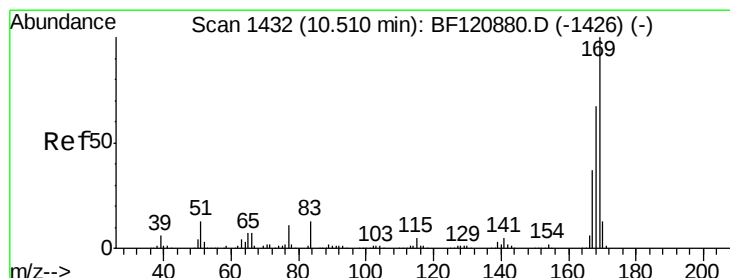
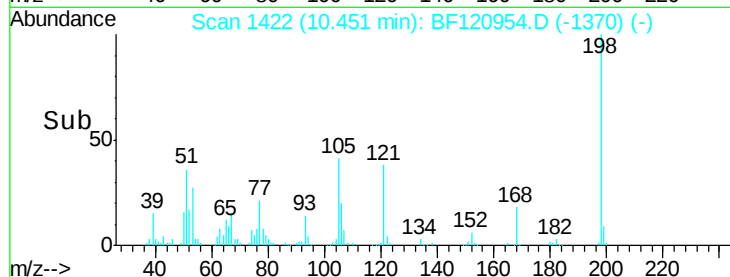
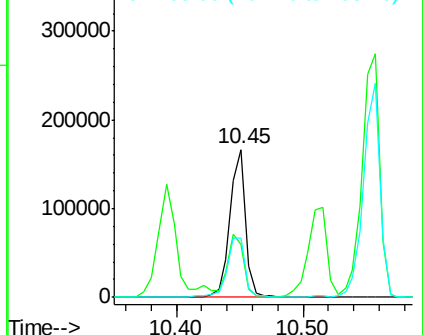
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.902 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

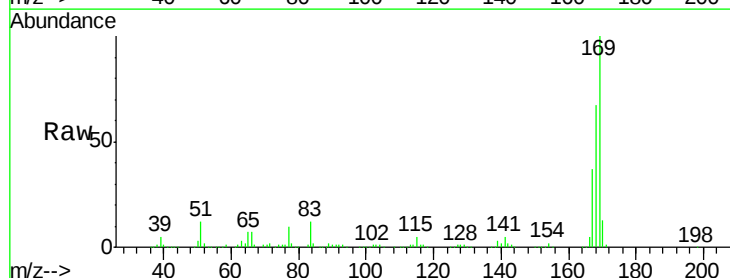
Tgt Ion:169 Resp: 822182

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

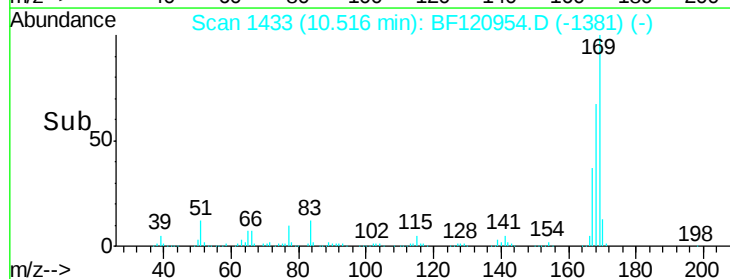
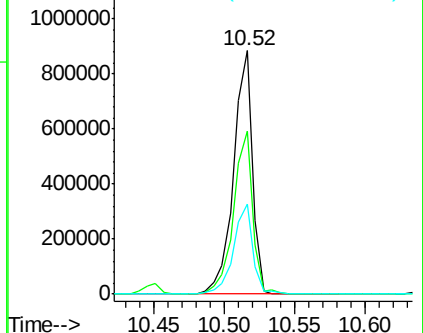
167 37.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





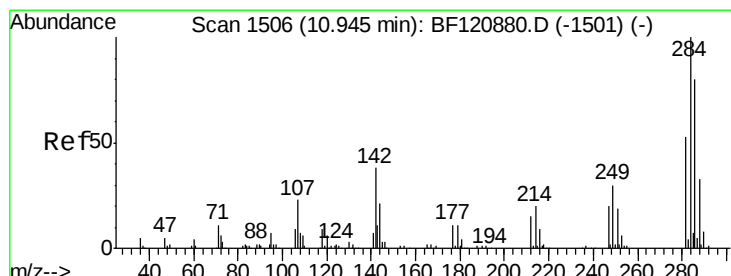
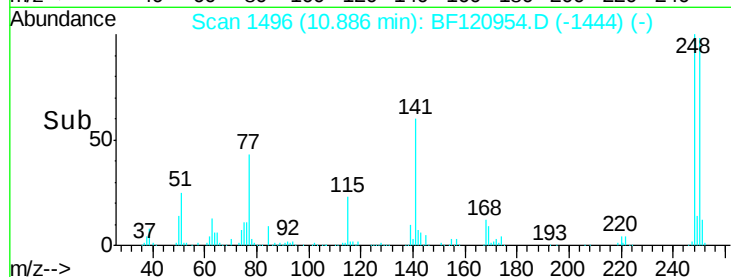
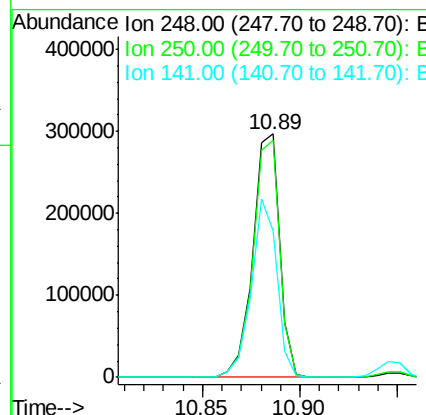
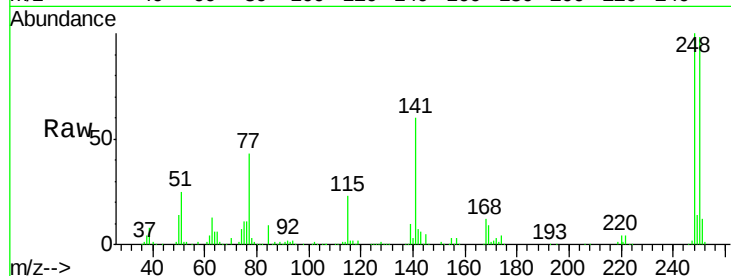
#67
4-Bromophenyl-phenylether
Concen: 38.655 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampled :
PB130359BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.1	115.7
141	59.8	61.2	91.8#

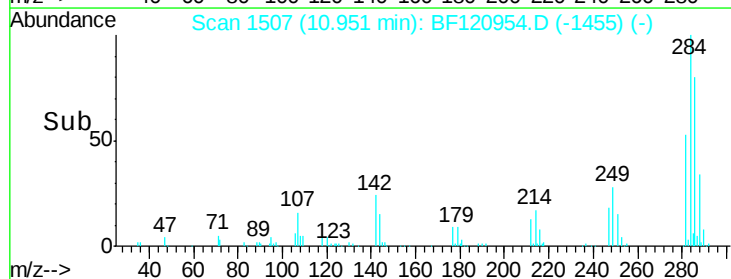
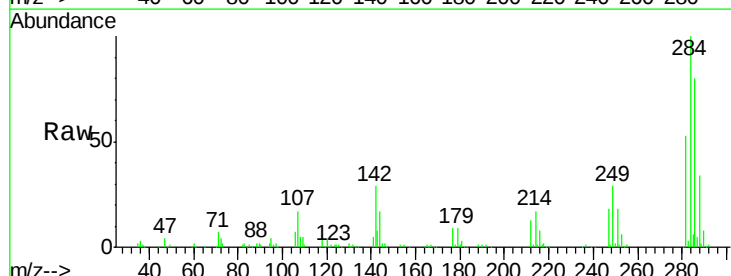
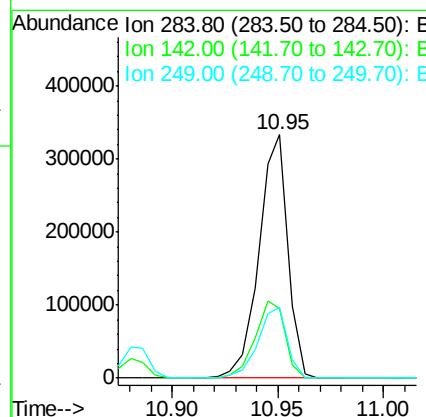
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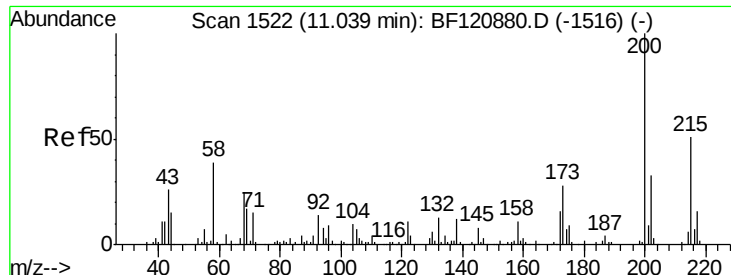
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#68
Hexachlorobenzene
Concen: 40.036 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	30.2	45.2#
249	29.3	24.2	36.2





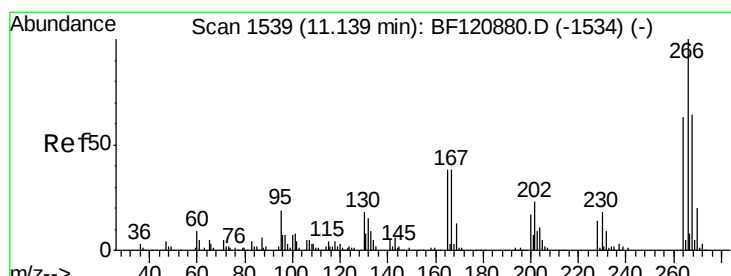
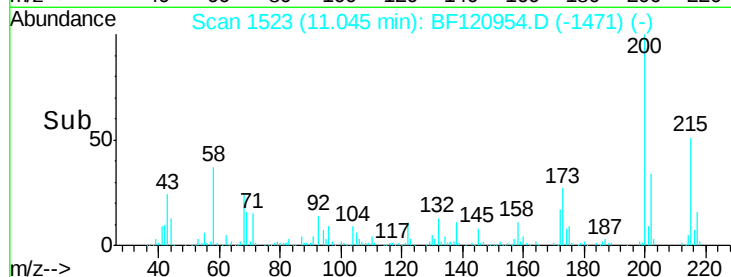
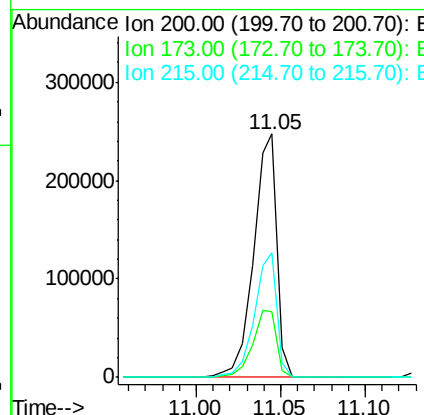
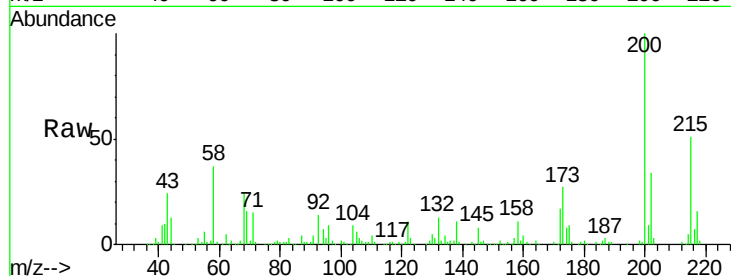
#69
Atrazine
Concen: 46.577 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	8.0	48.0
215	51.1	31.5	71.5

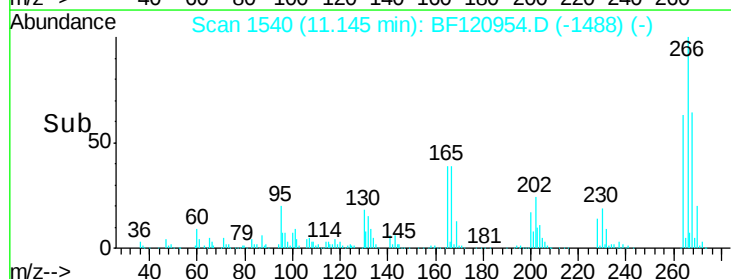
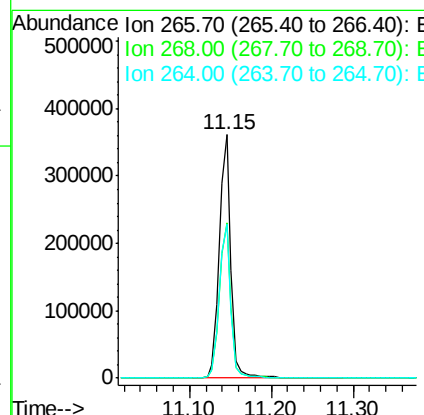
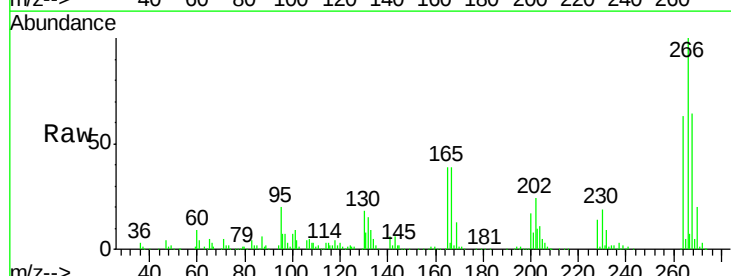
Manual Integrations
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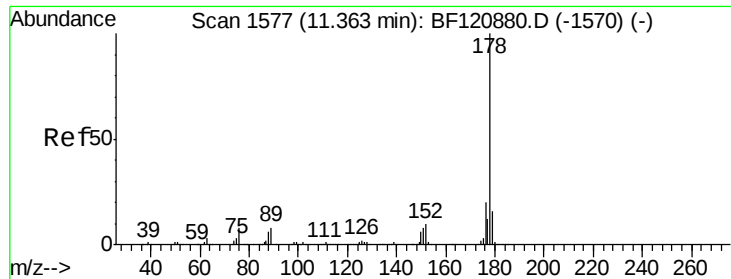
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#70
Pentachlorophenol
Concen: 79.040 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.1	76.7
264	63.2	50.2	75.2





#71

Phenanthrene

Concen: 38.912 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:178 Resp: 1310829

Ion Ratio Lower Upper

178 100

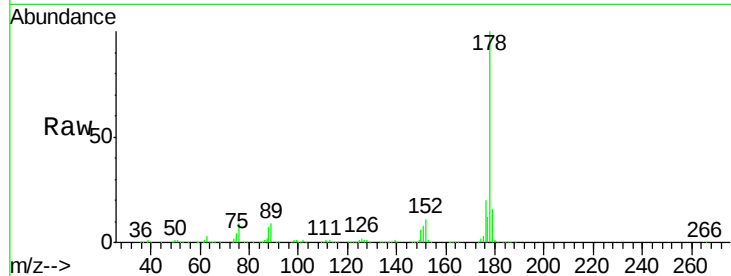
176 20.3 16.2 24.4

179 16.1 12.8 19.2

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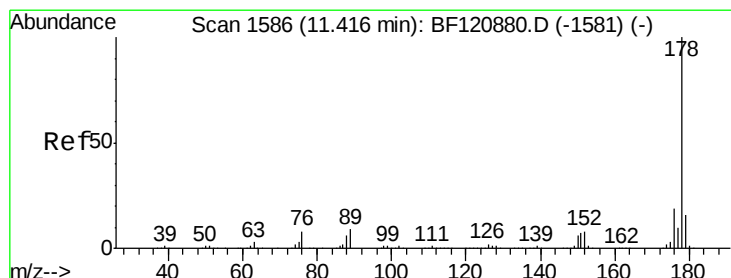
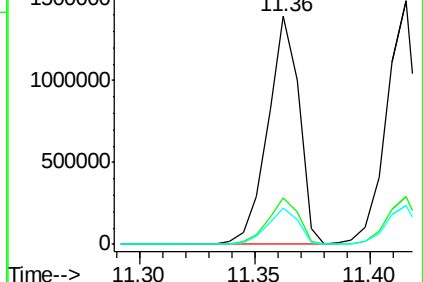
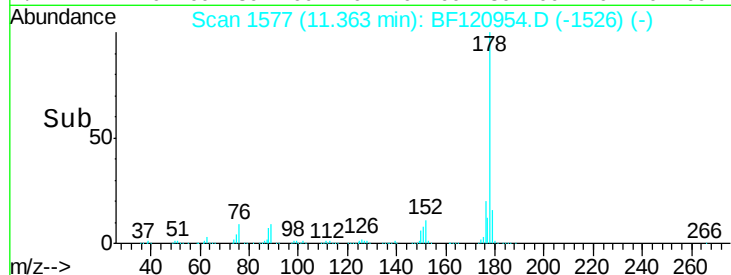
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.865 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

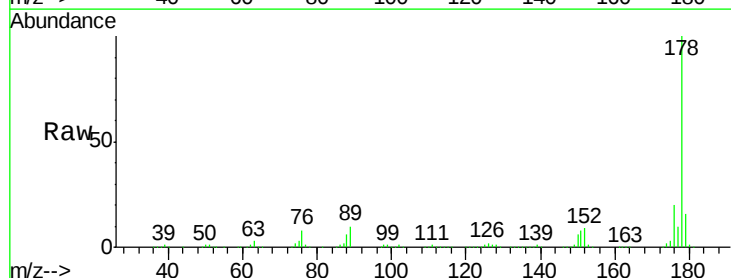
Tgt Ion:178 Resp: 1348477

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

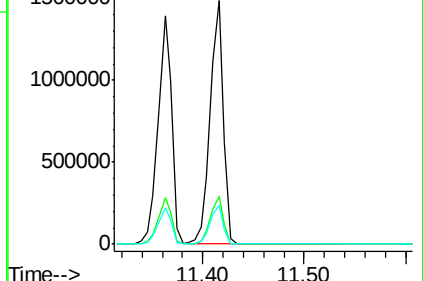
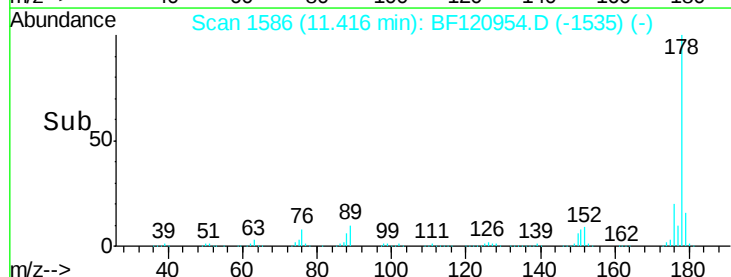
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





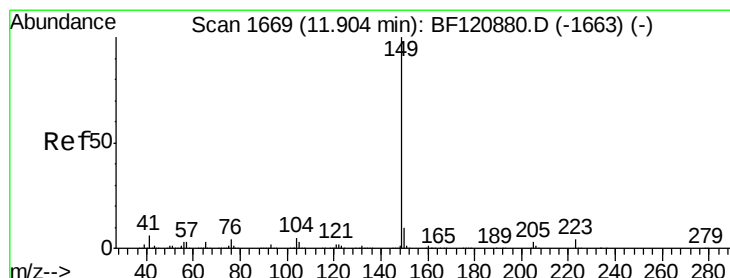
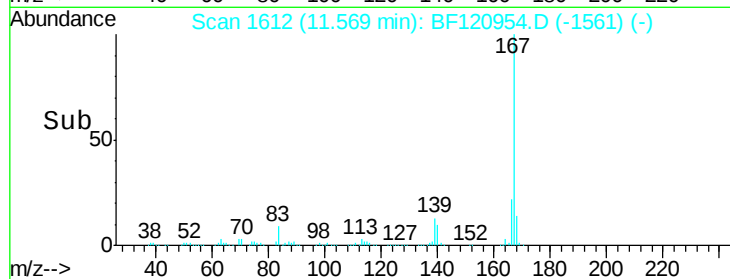
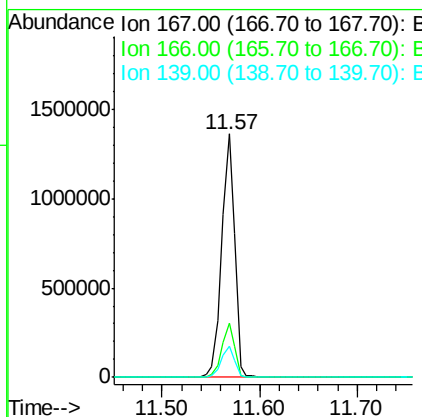
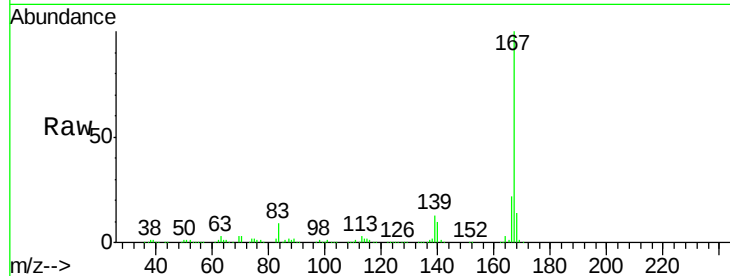
#73
 Carbazole
 Concen: 37.664 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.0	10.1	15.1

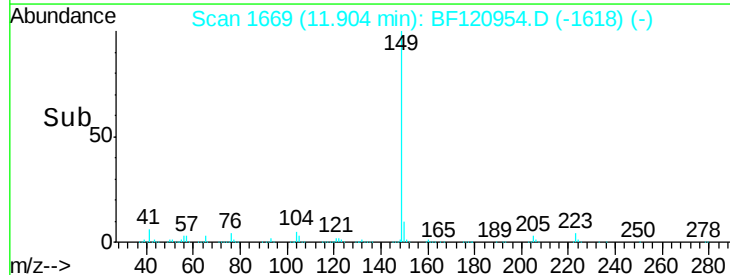
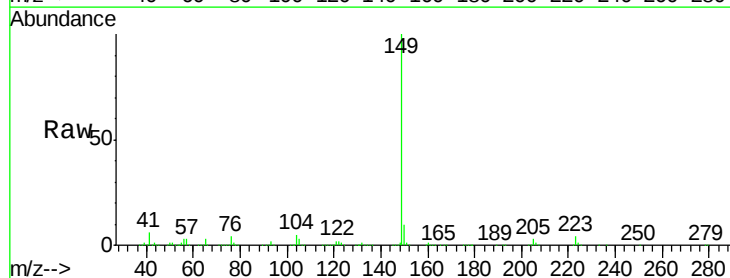
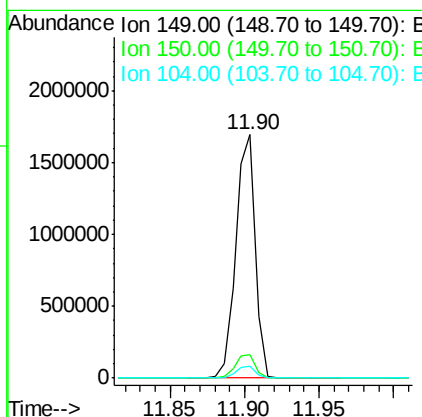
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#74
 Di-n-butylphthalate
 Concen: 39.868 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.7	3.8	5.6





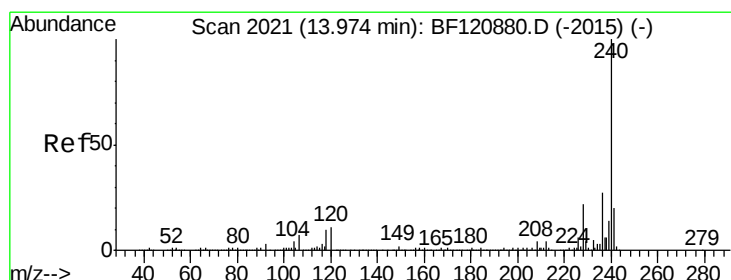
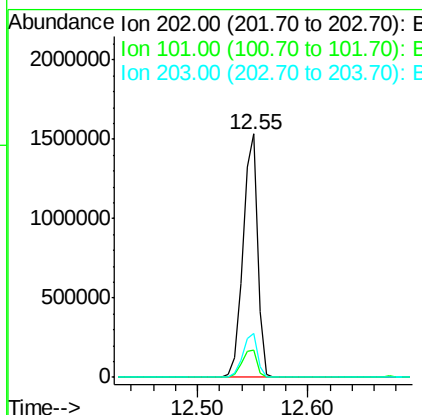
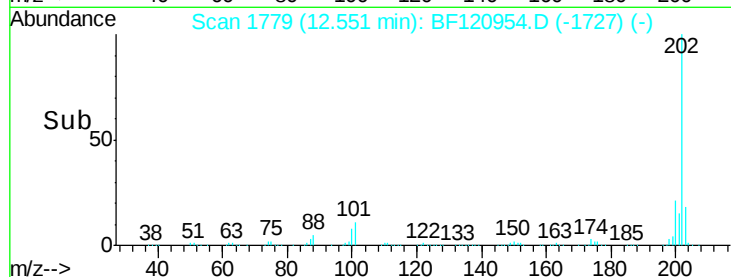
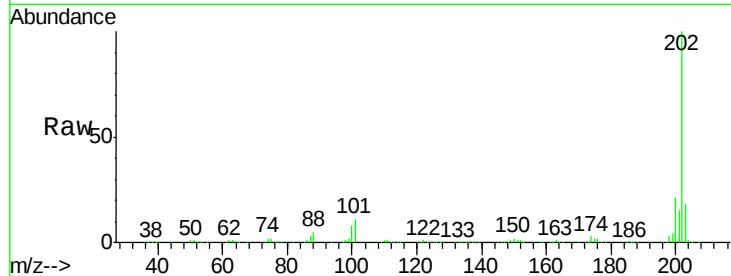
#75
Fluoranthene
Concen: 38.270 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.7
203	17.9	0.0	38.0

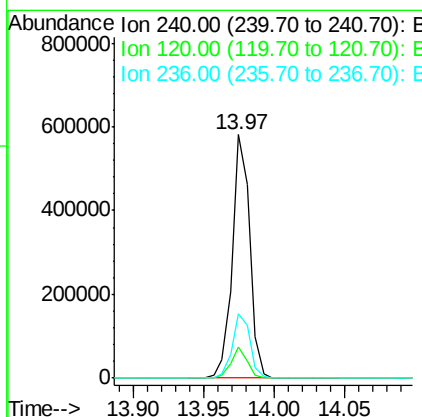
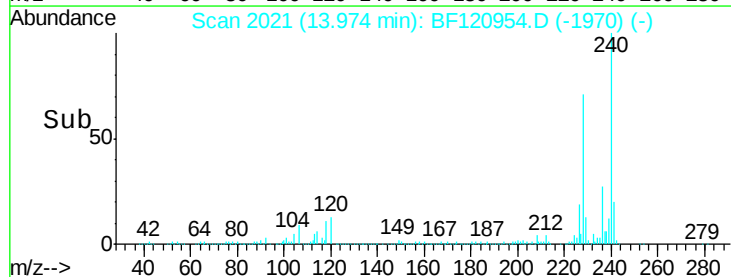
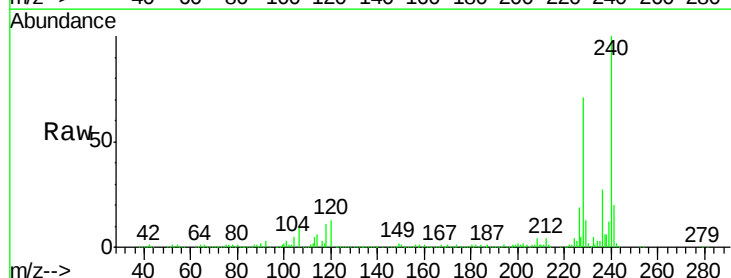
Manual Integrations
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.0	13.4
236	26.5	21.7	32.5





#77

Benzidine

Concen: 69.799 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

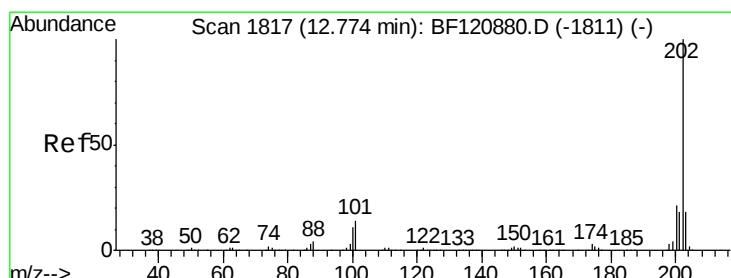
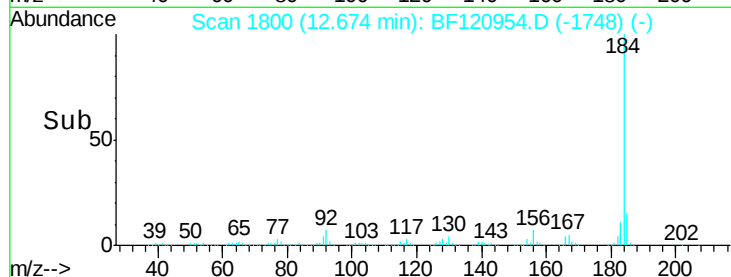
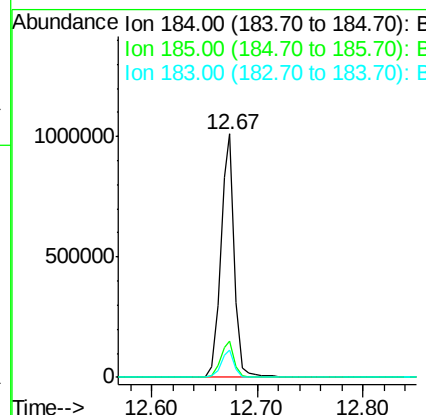
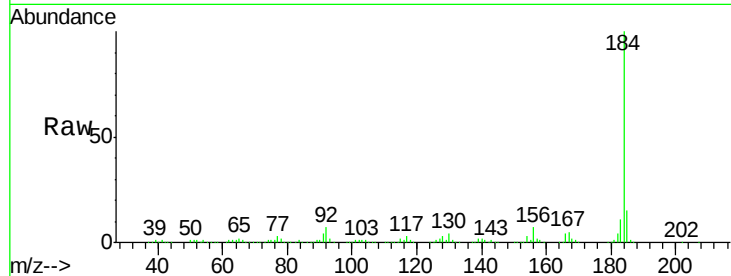
ClientSampleId :

PB130359BS

Tot Ion:	184	Resp:	919095
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	11.2	8.5	12.7

Manual Integrations
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#78

Pyrene

Concen: 41.786 ng

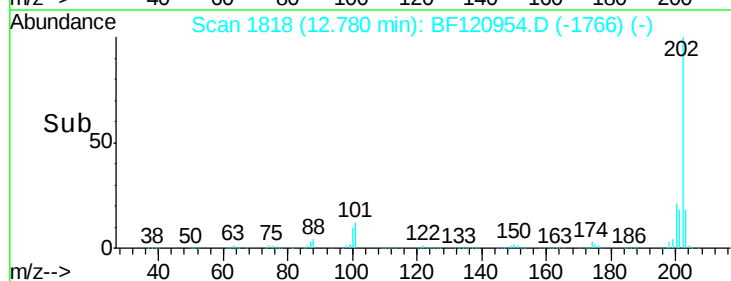
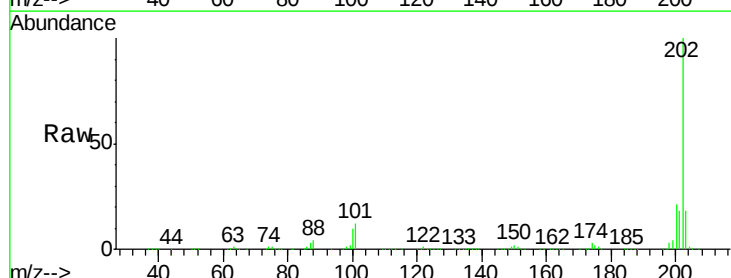
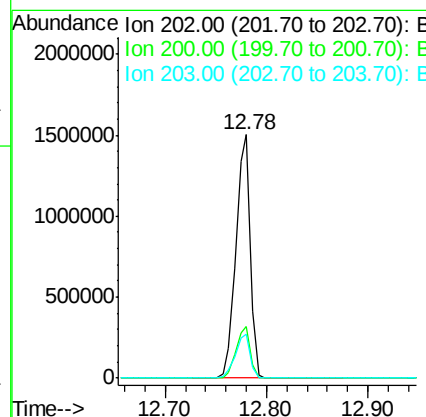
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:	202	Resp:	1479604
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.8	14.4	21.6





#79

Terphenyl-d14

Concen: 79.120 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:244 Resp: 1822889

Ion Ratio Lower Upper

244 100

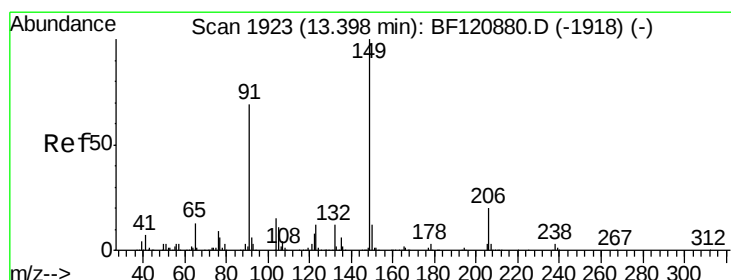
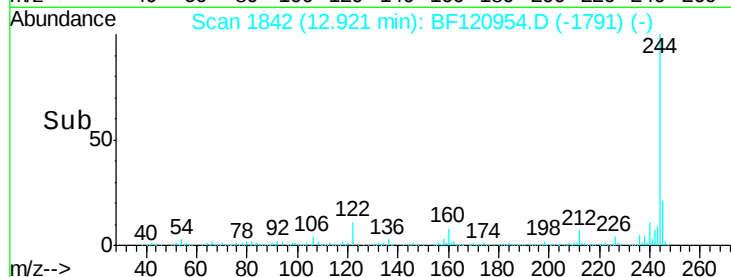
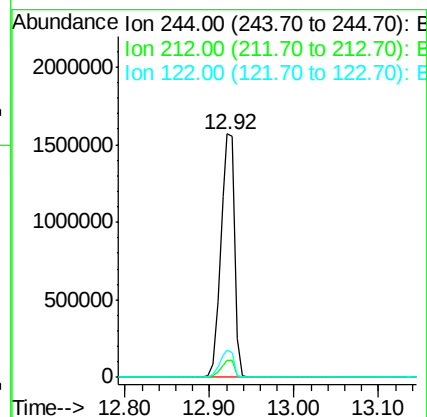
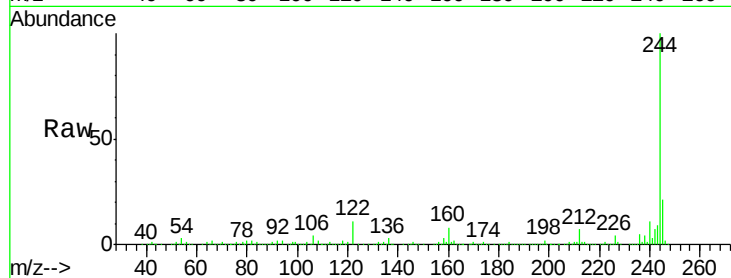
212 7.2 5.6 8.4

122 11.1 8.9 13.3

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#80

Butylbenzylphthalate

Concen: 43.639 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

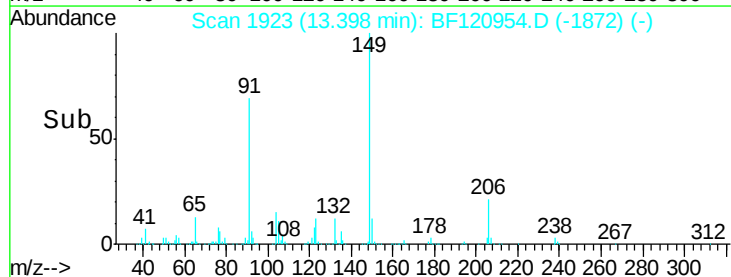
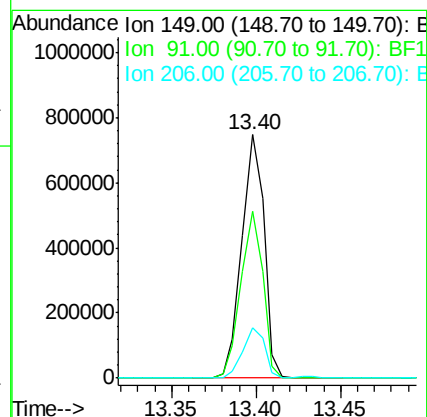
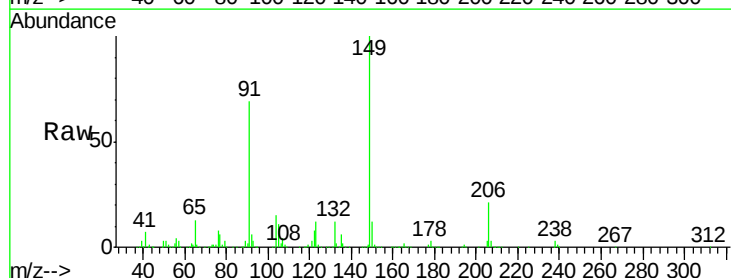
Tgt Ion:149 Resp: 688834

Ion Ratio Lower Upper

149 100

91 68.8 55.1 82.7

206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.317 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:228 Resp: 1192396

Ion Ratio Lower Upper

228 100

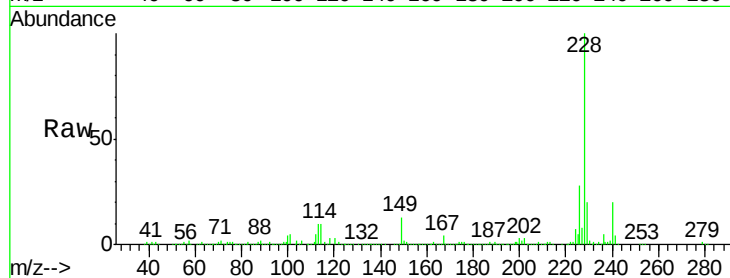
226 28.0 22.3 33.5

229 19.9 16.1 24.1

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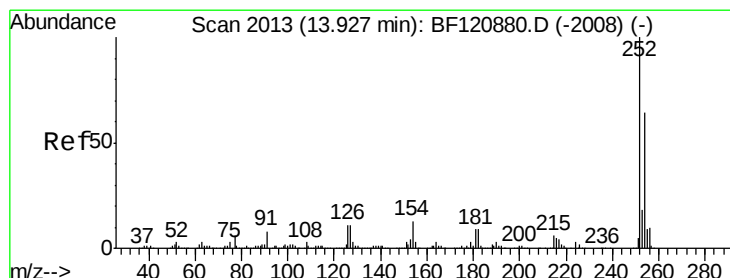
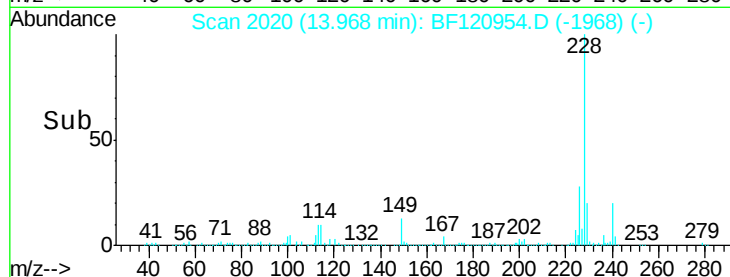
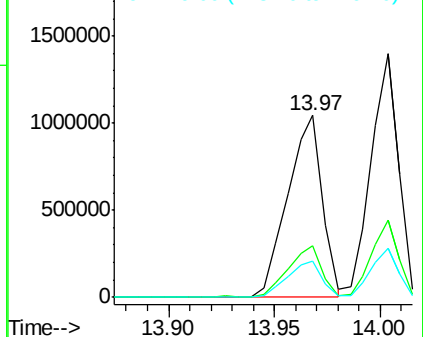
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.054 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

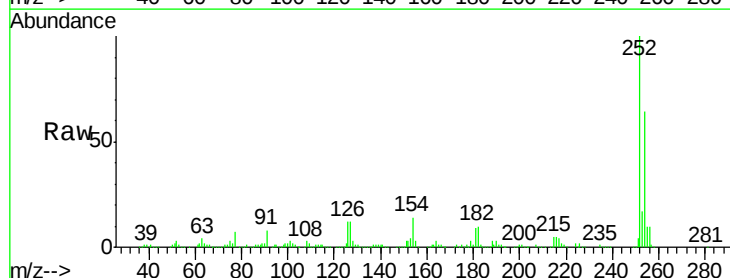
Tgt Ion:252 Resp: 401081

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

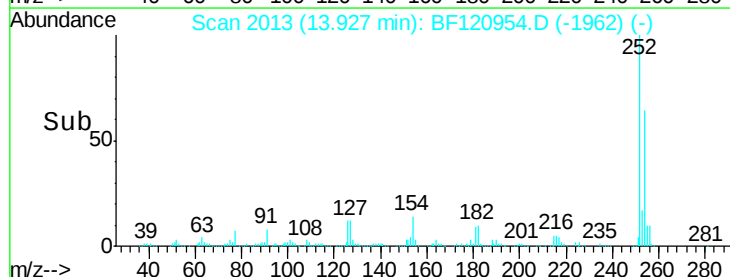
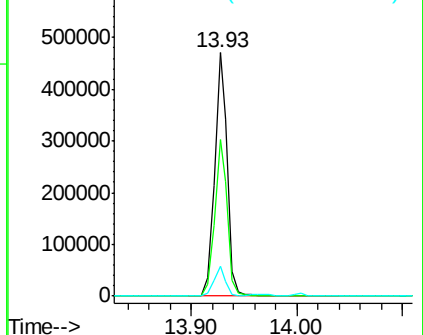
126 12.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





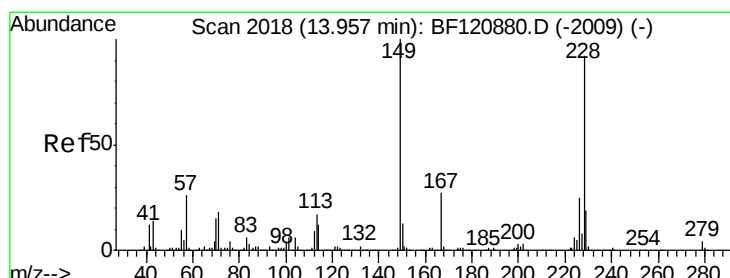
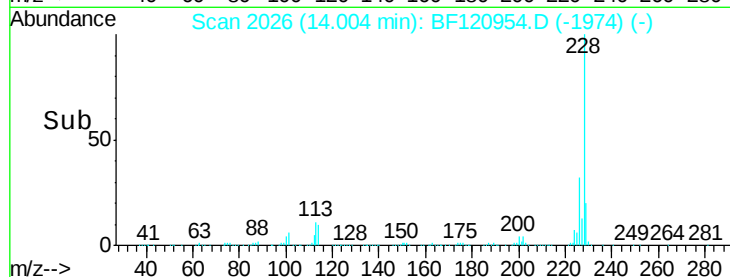
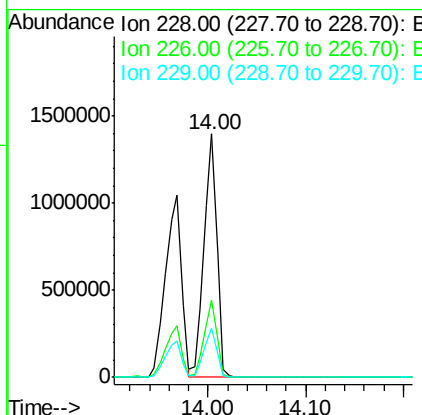
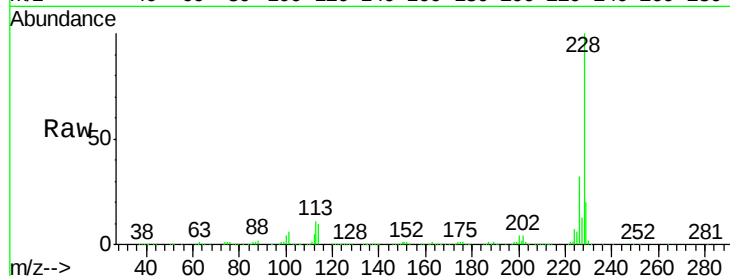
#83
Chrysene
Concen: 39.961 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:228 Resp: 1273615
Ion Ratio Lower Upper
228 100
226 31.9 25.6 38.4
229 20.1 16.8 25.2

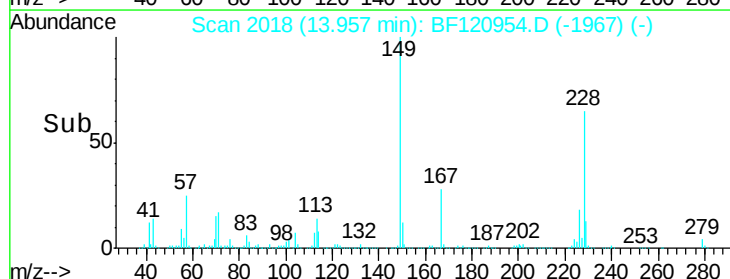
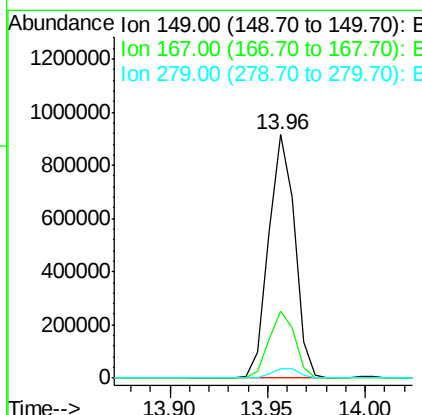
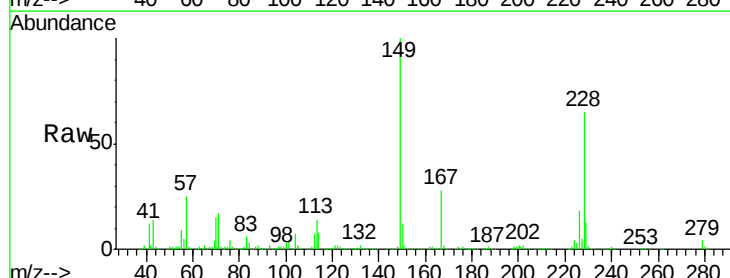
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.590 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:149 Resp: 848462
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 4.0 3.0 4.4





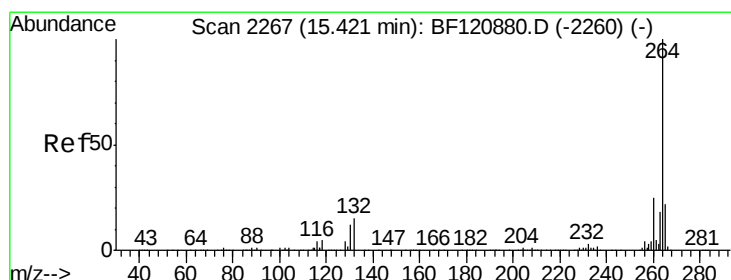
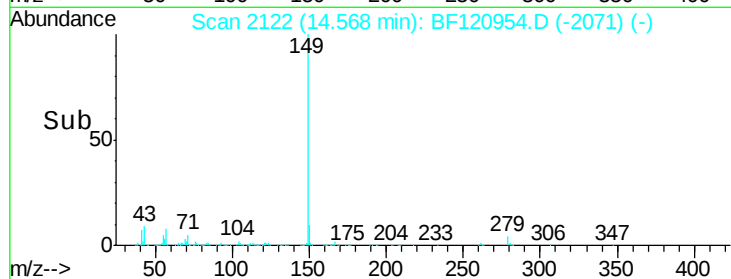
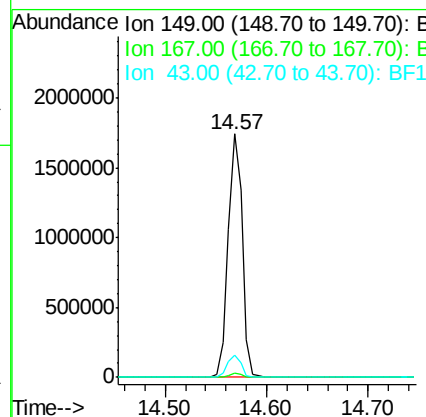
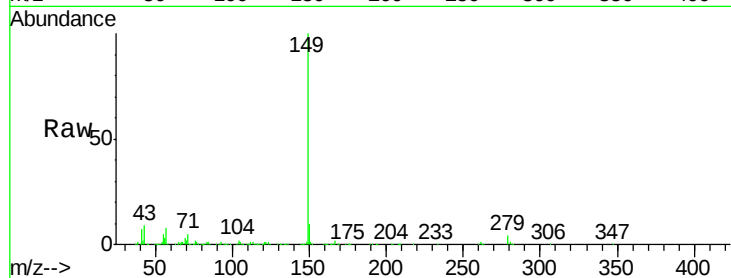
#85
Di-n-octyl phthalate
Concen: 43.089 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.0	7.6	11.4

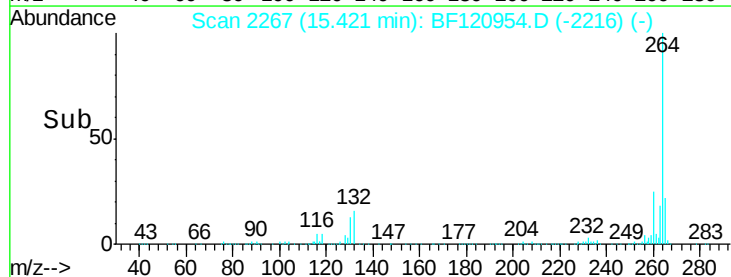
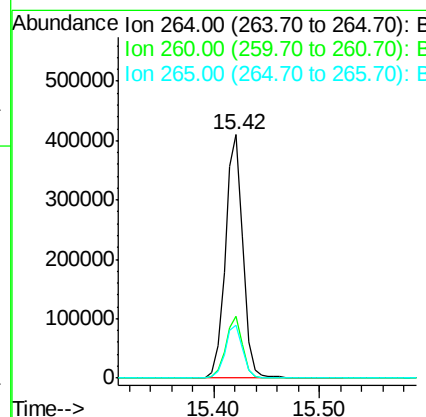
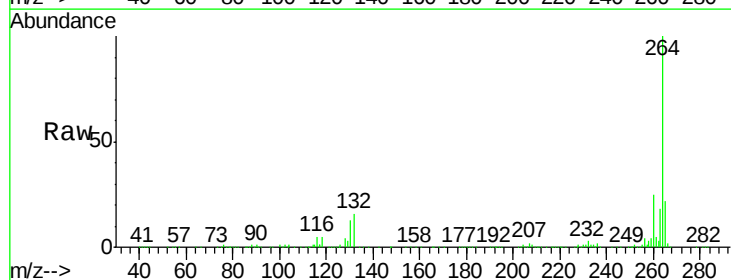
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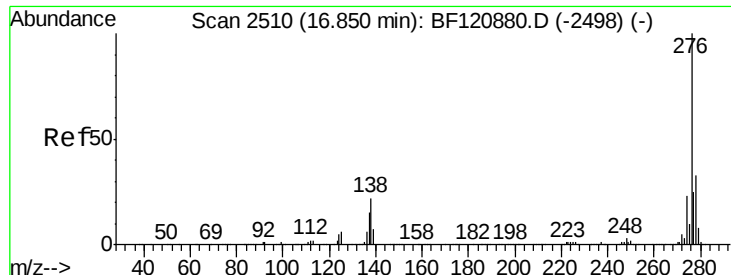
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.7	17.4	26.2





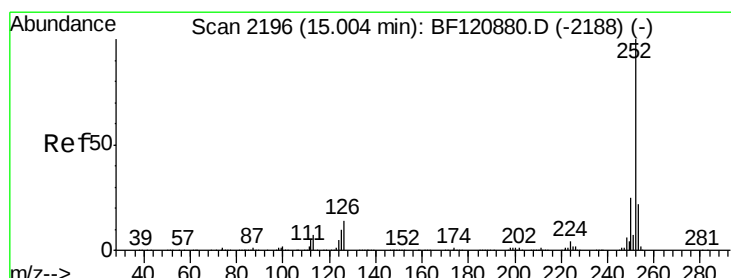
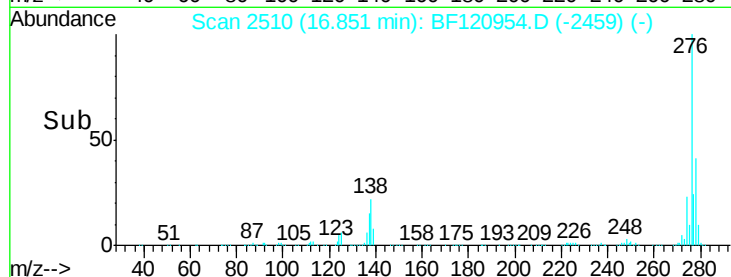
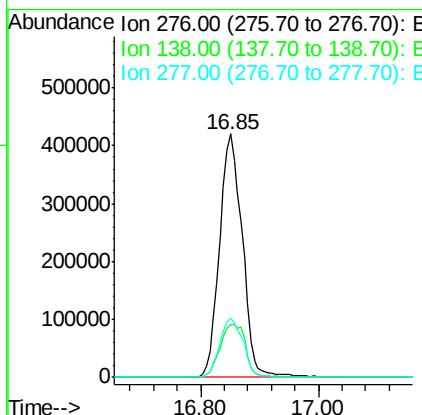
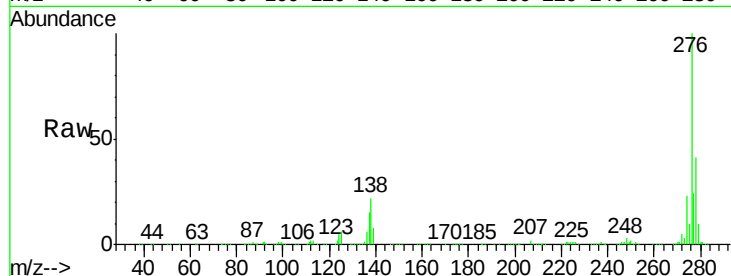
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.253 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.1	20.2	30.2

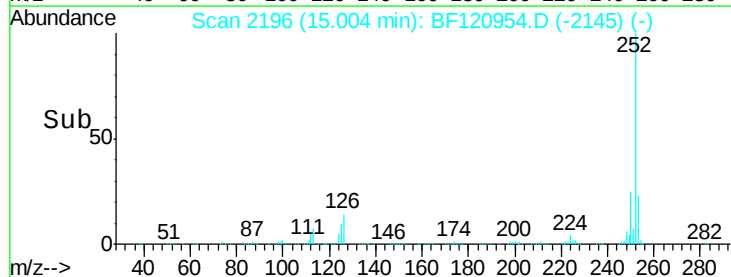
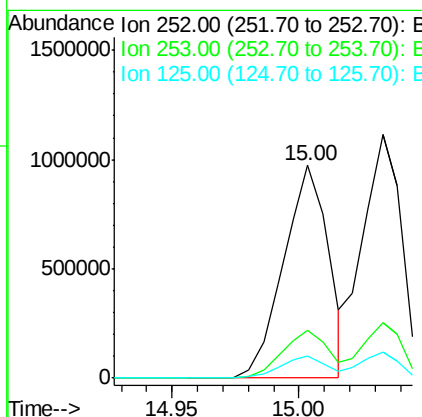
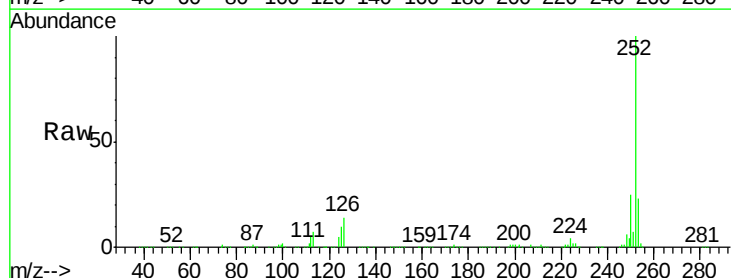
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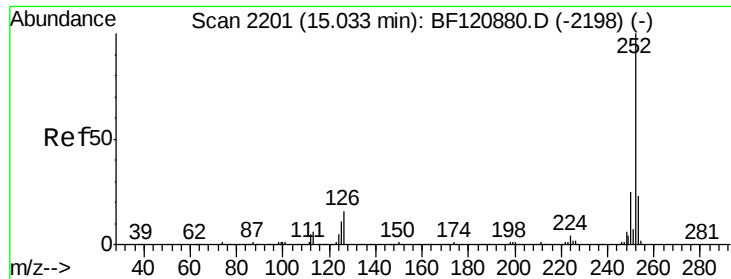
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#88
 Benzo(b)fluoranthene
 Concen: 41.856 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.3	8.3	12.5





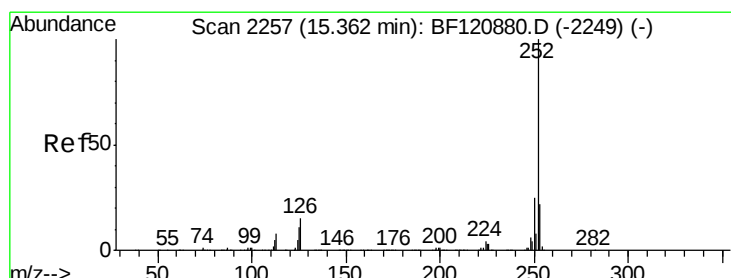
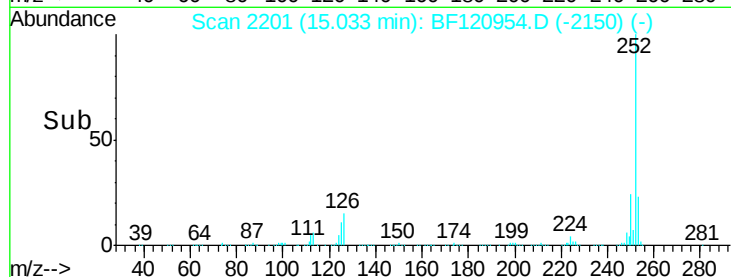
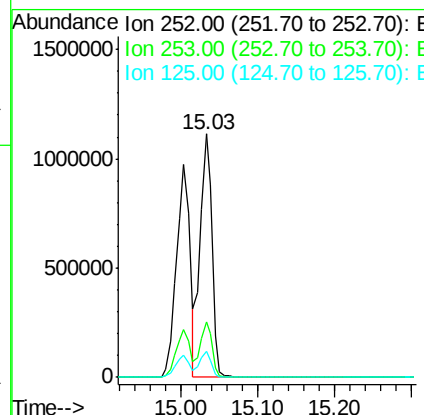
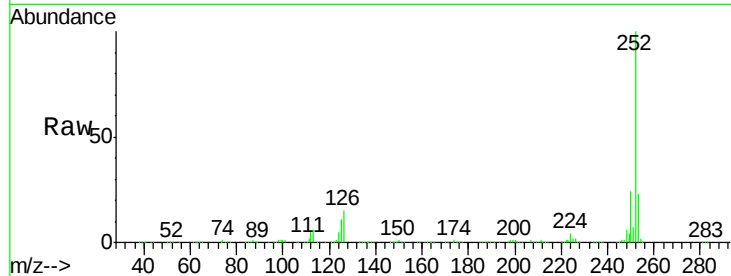
#89
Benzo(k)fluoranthene
Concen: 46.089 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampled :
PB130359BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.6	8.4	12.6

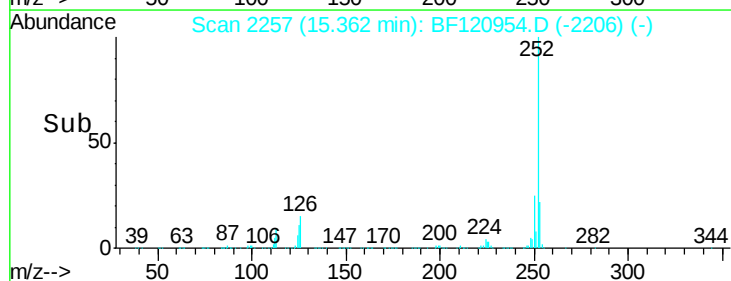
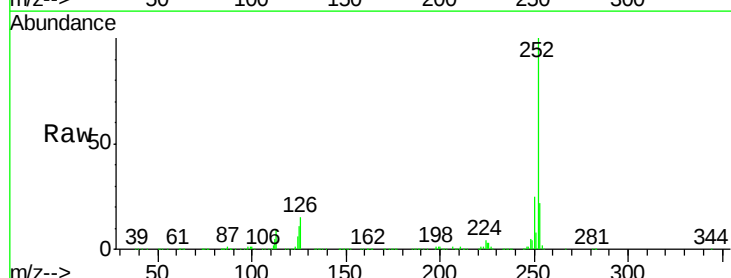
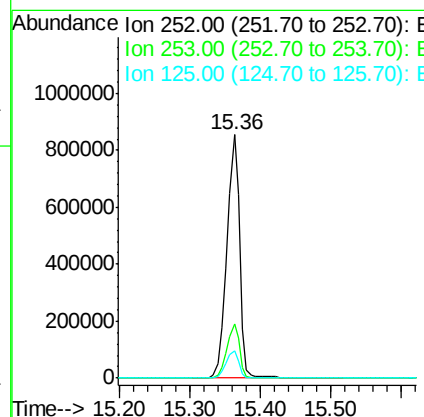
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#90
Benzo(a)pyrene
Concen: 40.913 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.1	8.9	13.3





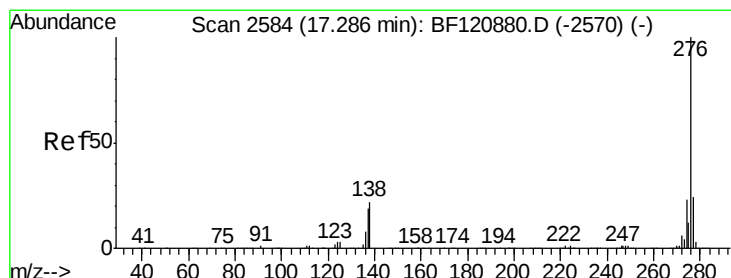
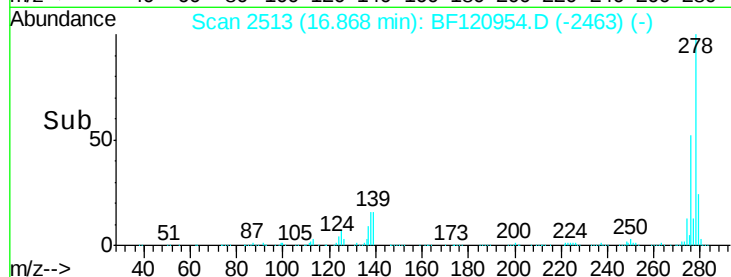
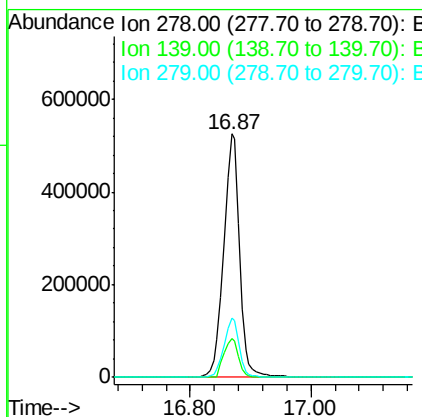
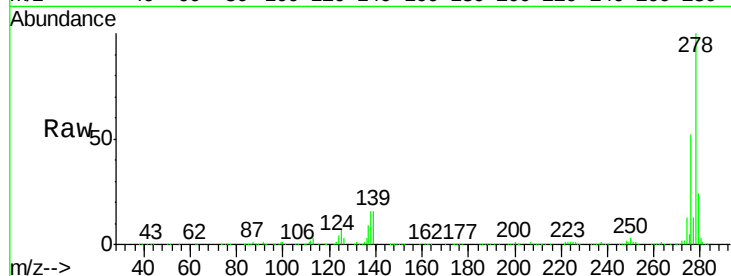
#91
Dibenzo(a,h)anthracene
Concen: 35.856 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.3	18.5
279	24.2	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 34.080 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.7	17.5	26.3

