

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120955.D
 Acq On : 21 Jul 2020 15:43
 Operator : JU/CG
 Sample : PB130359BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Manual Integrations
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 7/24/2020 12:09:44 PM

Quant Time: Jul 21 16:16:12 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	173013	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	645175	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	343073	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	655586	20.00	ng	0.00
76) Chrysene-d12	13.97	240	496629	20.00	ng	0.00
86) Perylene-d12	15.42	264	464353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	821035	77.80	ng	0.01
7) Phenol-d6	6.45	99	995852	73.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	916266	82.18	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	310034	82.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1680645	73.14	ng	0.00
79) Terphenyl-d14	12.93	244	1858034	81.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	166973	34.377	ng	99
3) Pyridine	3.36	79	394079	30.499	ng	99
4) n-Nitrosodimethylamine	3.30	42	211894	38.351	ng	98
6) Aniline	6.47	93	564647	31.730	ng	100
8) 2-Chlorophenol	6.60	128	465347	40.025	ng	99
9) Benzaldehyde	6.36	77	350231	60.781	ng	100
10) Phenol	6.46	94	579526	38.644	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	434760	37.828	ng	98
12) 1,3-Dichlorobenzene	6.76	146	468495	37.162	ng	97
13) 1,4-Dichlorobenzene	6.83	146	476058	37.975	ng	99
14) 1,2-Dichlorobenzene	6.99	146	438197	36.949	ng	99
15) Benzyl Alcohol	6.96	79	358837	37.220	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	609928	36.819	ng	99
17) 2-Methylphenol	7.07	107	373020	36.199	ng	99
18) Hexachloroethane	7.33	117	178147	39.263	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	286901	37.010	ng	100
20) 3+4-Methylphenols	7.22	107	415907	31.728	ng	# 87
22) Acetophenone	7.23	105	575444	39.742	ng	96
24) Nitrobenzene	7.40	77	463980	38.609	ng	99
25) Isophorone	7.64	82	859047	38.604	ng	99
26) 2-Nitrophenol	7.72	139	243970	42.745	ng	99
27) 2,4-Dimethylphenol	7.75	122	405659	43.776	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	550374	40.517	ng	99
29) 2,4-Dichlorophenol	7.96	162	384670	40.623	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	411921	39.209	ng	99
31) Naphthalene	8.12	128	1285289	38.837	ng	100
32) Benzoic acid	7.88	122	275939	39.668	ng	99
33) 4-Chloroaniline	8.17	127	370815	25.117	ng	99
34) Hexachlorobutadiene	8.24	225	238873	38.570	ng	97
35) Caprolactam	8.55	113	124083m	40.862	ng	
36) 4-Chloro-3-methylphenol	8.65	107	402977	41.494	ng	100
37) 2-Methylnaphthalene	8.81	142	875644	40.750	ng	99
38) 1-Methylnaphthalene	8.91	142	824117	40.494	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	381382	38.155	ng	99

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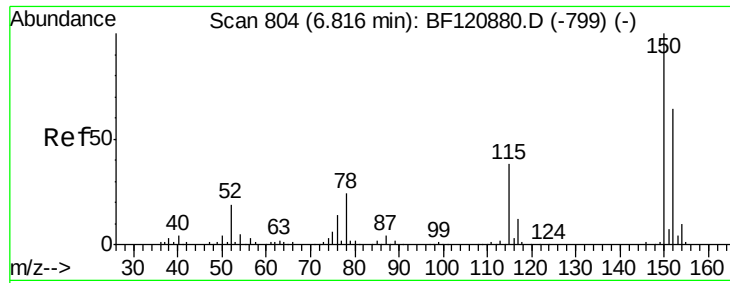
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	461024	83.452	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	290325	41.252	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	303215	37.981	nq	95
46) 1,1'-Biphenyl	9.27	154	1053434	40.254	nq	99
47) 2-Chloronaphthalene	9.30	162	814613	38.180	nq	100
48) 2-Nitroaniline	9.40	65	254166	39.418	nq	92
49) Acenaphthylene	9.72	152	1306531	39.417	nq	100
50) Dimethylphthalate	9.58	163	980772	39.626	nq	99
51) 2,6-Dinitrotoluene	9.64	165	222517	41.847	nq	92
52) Acenaphthene	9.89	154	884854m	41.989	nq	
53) 3-Nitroaniline	9.80	138	162576	24.378	nq	98
54) 2,4-Dinitrophenol	9.92	184	213465	70.619	nq	# 81
55) Dibenzofuran	10.06	168	1171124	38.430	nq	99
56) 4-Nitrophenol	9.97	139	381910	75.387	nq	98
57) 2,4-Dinitrotoluene	10.04	165	297390	42.588	nq	89
58) Fluorene	10.40	166	847236	37.276	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	260638	42.880	nq	98
60) Diethylphthalate	10.28	149	989718	39.534	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	422072	34.816	nq	100
62) 4-Nitroaniline	10.42	138	243217	37.439	nq	99
63) Azobenzene	10.56	77	939570	39.423	nq	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	145054	39.012	nq	93
66) n-Nitrosodiphenylamine	10.52	169	824440	39.976	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	285276	39.029	nq	# 92
68) Hexachlorobenzene	10.95	284	320316	40.512	nq	# 90
69) Atrazine	11.05	200	241172	47.219	nq	98
70) Pentachlorophenol	11.15	266	370060	81.697	nq	99
71) Phenanthrene	11.36	178	1302250	38.623	nq	99
72) Anthracene	11.42	178	1367402	40.388	nq	100
73) Carbazole	11.57	167	1267679	37.729	nq	99
74) Di-n-butylphthalate	11.90	149	1559780	40.228	nq	100
75) Fluoranthene	12.55	202	1470143	39.337	nq	98
77) Benzidine	12.67	184	888417	68.040	nq	99
78) Pyrene	12.78	202	1495343	42.588	nq	100
80) Butylbenzylphthalate	13.40	149	699864	44.713	nq	99
81) Benzo(a)anthracene	13.97	228	1173658	39.027	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	392841	34.624	nq	98
83) Chrysene	14.00	228	1271477	40.232	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	848738	43.973	nq	100
85) Di-n-octyl phthalate	14.57	149	1684156	43.858	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1115919	34.555	nq	100
88) Benzo(b)fluoranthene	15.00	252	1190238	42.405	nq	100
89) Benzo(k)fluoranthene	15.03	252	1180032	46.098	nq	100
90) Benzo(a)pyrene	15.36	252	1057108	41.279	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	949006	35.975	nq	98
92) Benzo(g,h,i)perylene	17.28	276	883806	33.980	nq	99

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



#1

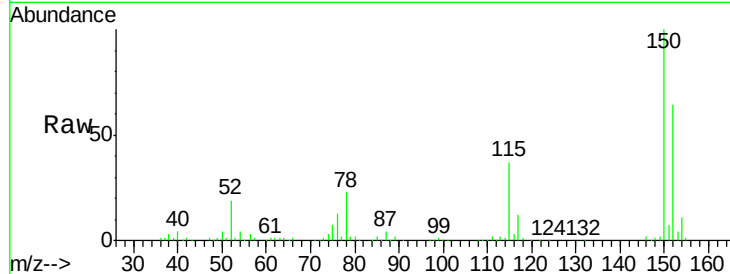
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

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ClientSampleId :
PB130359BSD

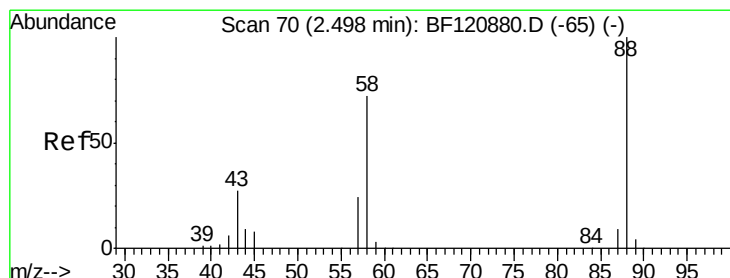
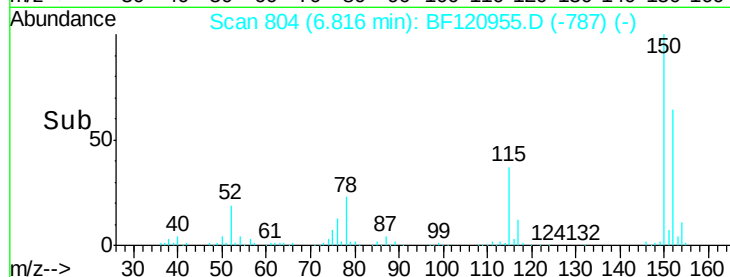
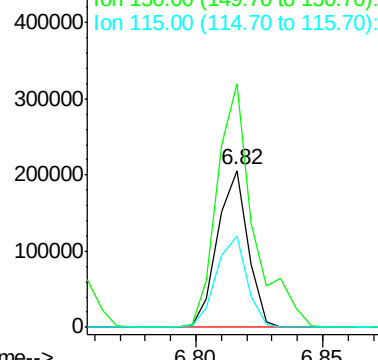
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.0	187.6
115	57.9	47.0	70.4

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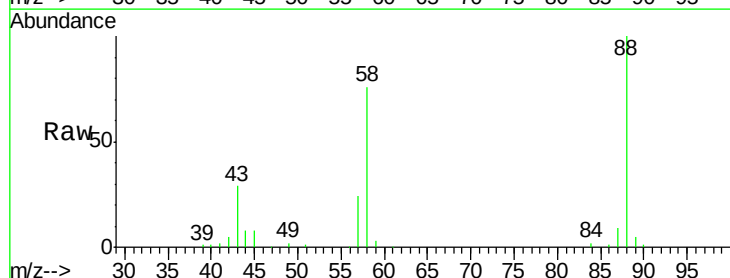
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



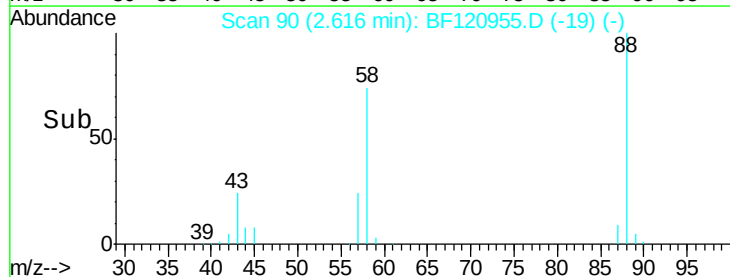
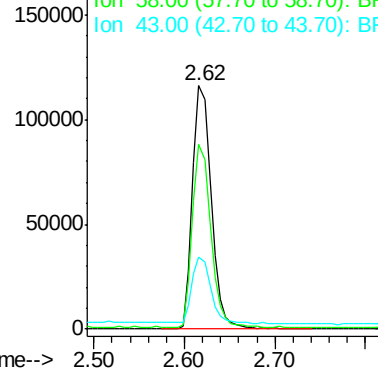
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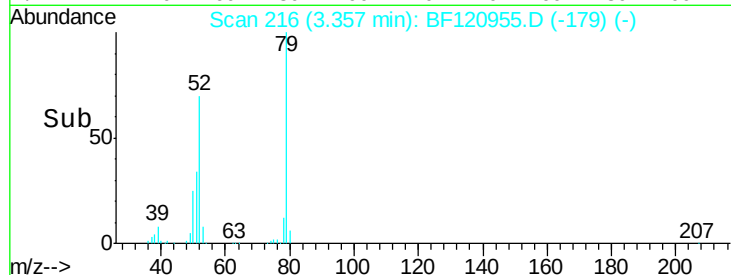
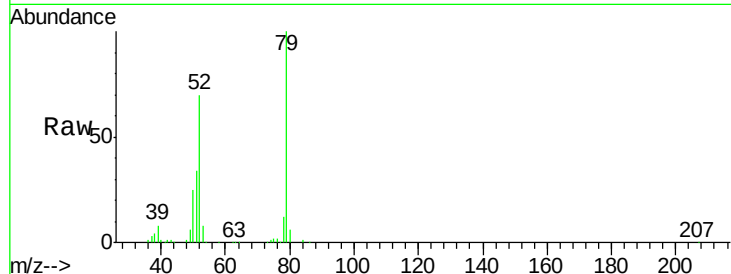
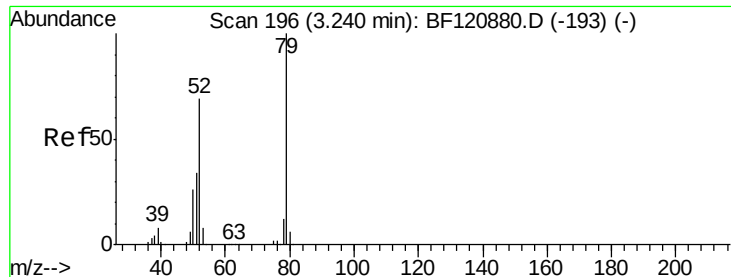
1,4-Dioxane
Concen: 34.377 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.12 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.2	87.2
43	26.7	22.1	33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





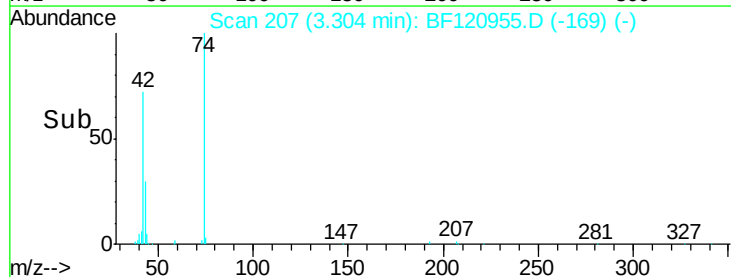
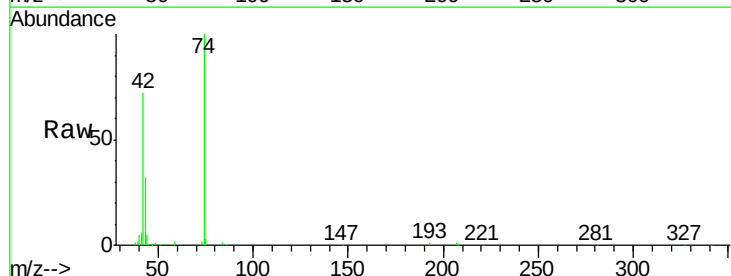
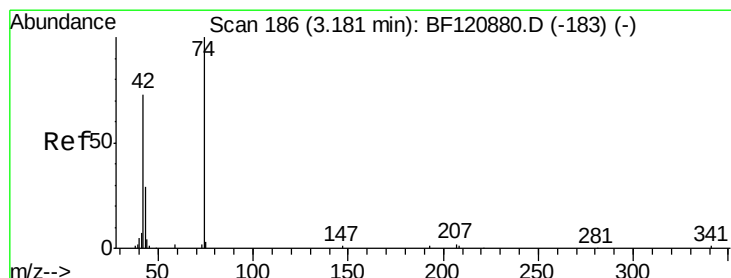
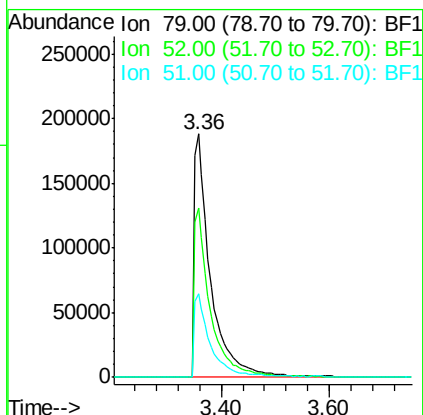
#3
Pvridine
Concen: 30.499 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.12 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	55.0	82.6
51	34.2	26.9	40.3

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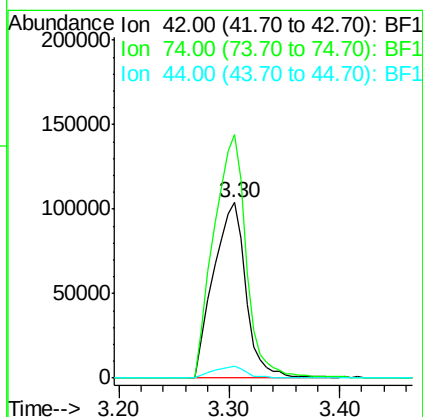
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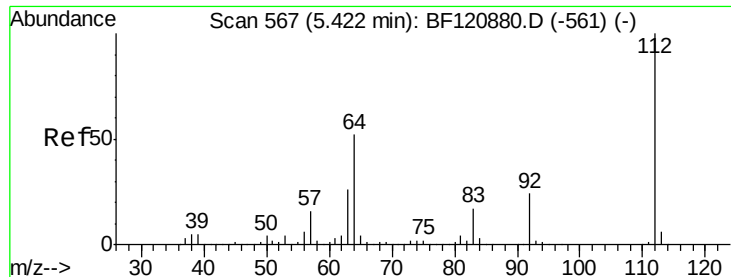
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#4
n-Nitrosodimethylamine
Concen: 38.351 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.12 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.7	108.7	163.1
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 77.796 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

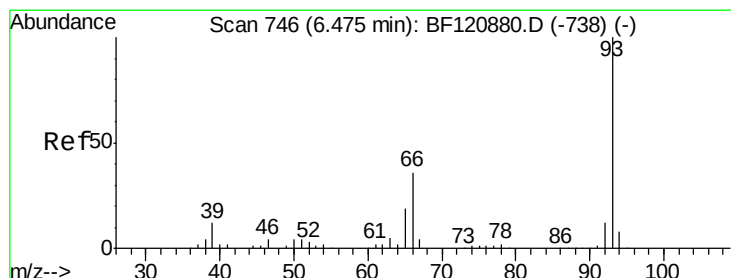
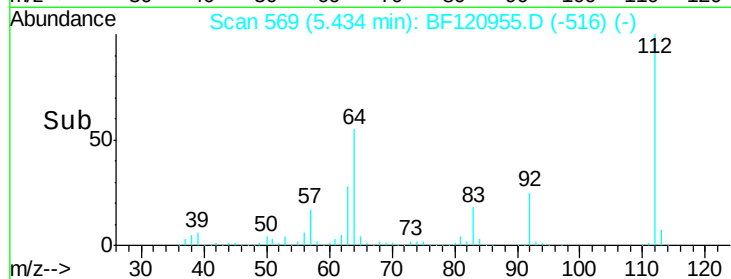
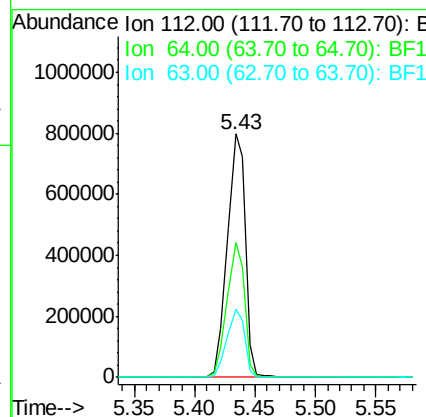
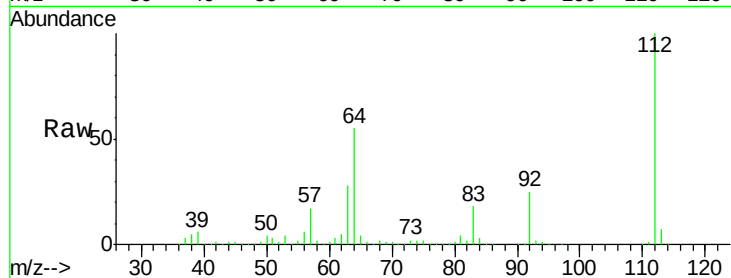
ClientSampled :

PB130359BSD

Tot Ion:	112	Resp:	821035
Ion Ratio	Lower	Upper	
112	100		
64	55.2	41.3	61.9
63	28.3	21.1	31.7

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#6

Aniline

Concen: 31.730 ng

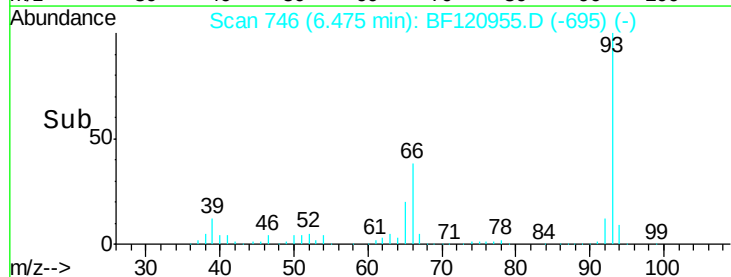
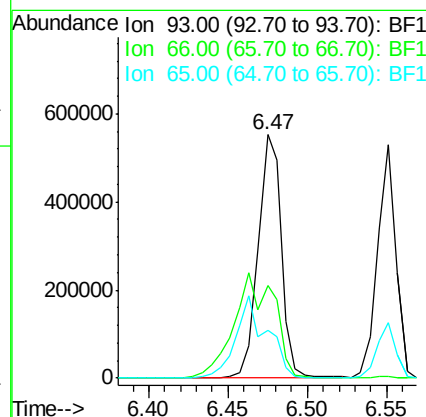
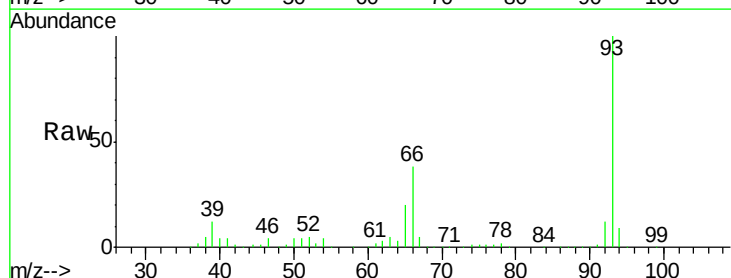
RT: 6.47 min Scan# 746

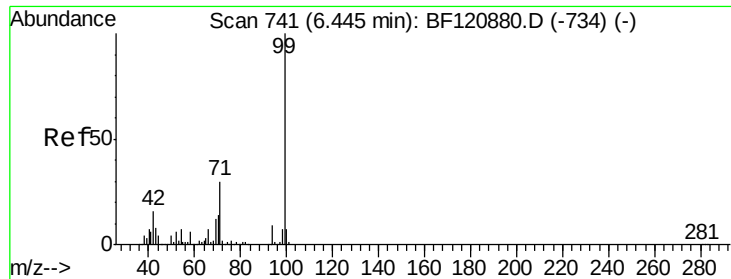
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	93	Resp:	564647
Ion Ratio	Lower	Upper	
93	100		
66	37.8	30.2	45.4
65	19.7	15.8	23.6





#7

Phenol-d6

Concen: 73.049 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

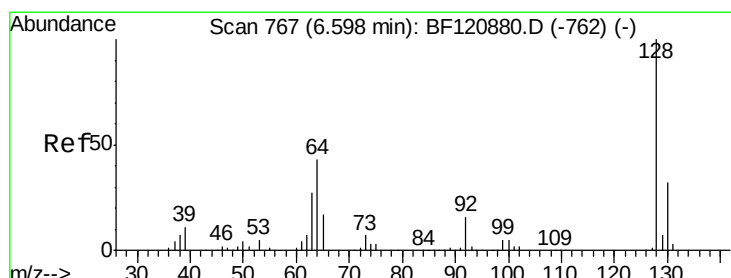
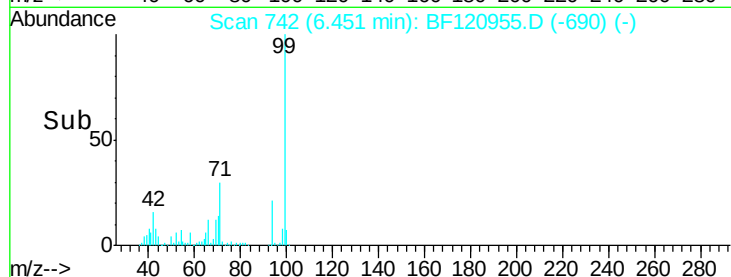
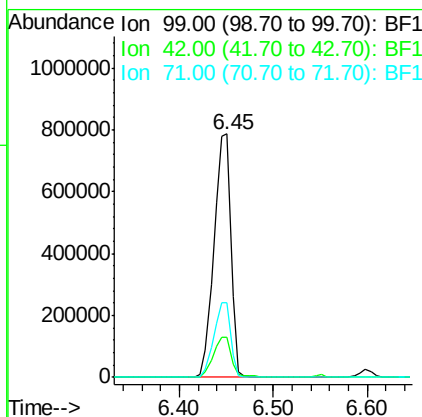
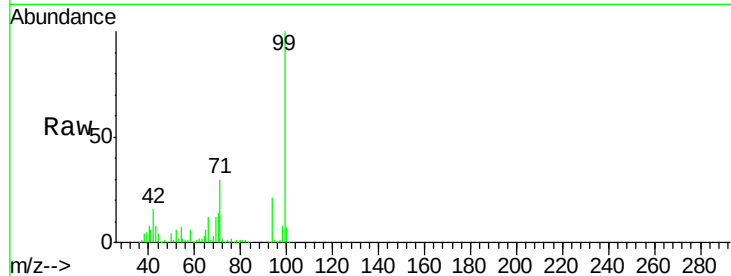
ClientSampleId :

PB130359BSD

Tot Ion:	99	Resp:	995852
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.1	19.7
71	30.4	24.2	36.4

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#8

2-Chlorophenol

Concen: 40.025 ng

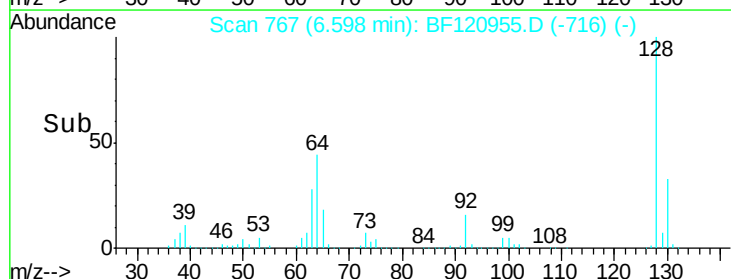
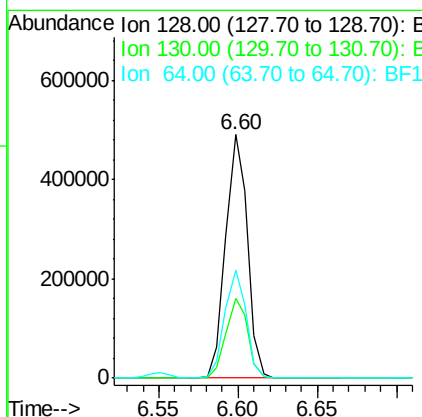
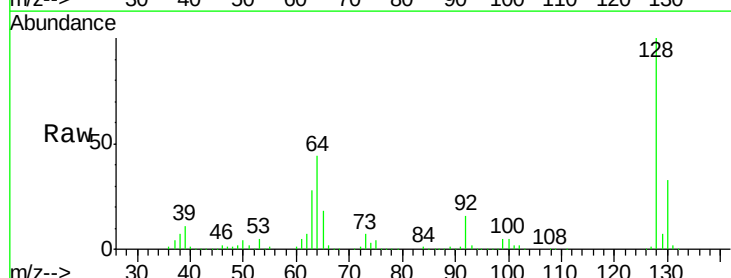
RT: 6.60 min Scan# 767

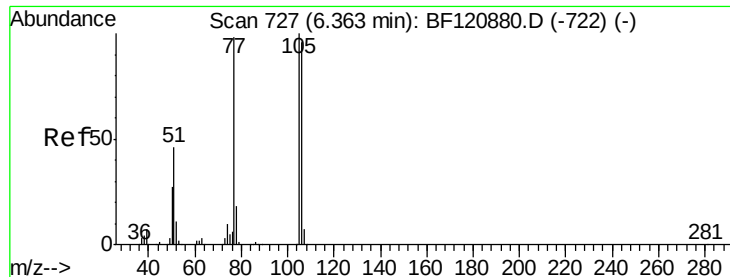
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	128	Resp:	465347
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.1	52.1
64	44.1	24.0	64.0





#9

Benzaldehyde

Concen: 60.781 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

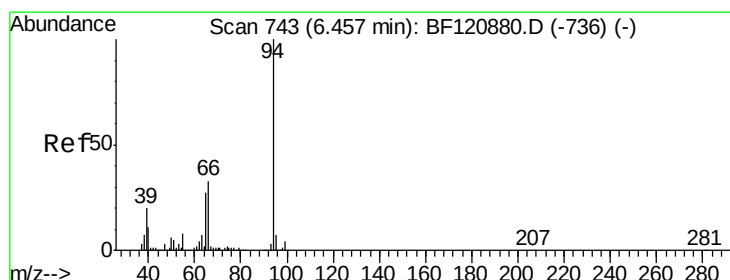
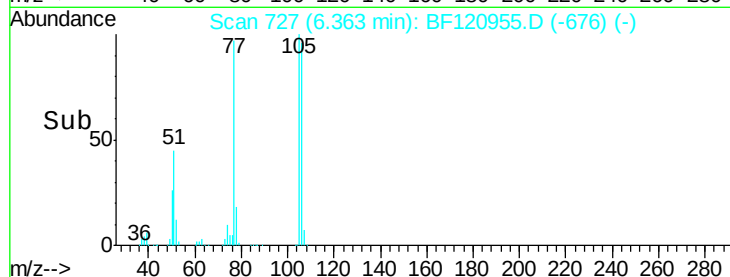
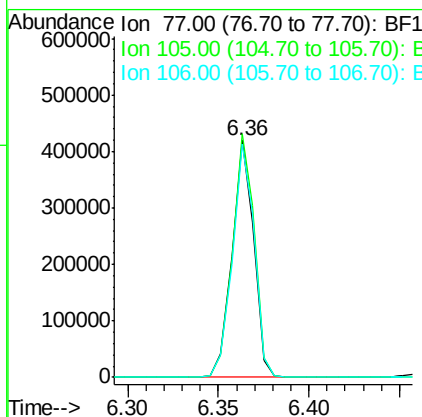
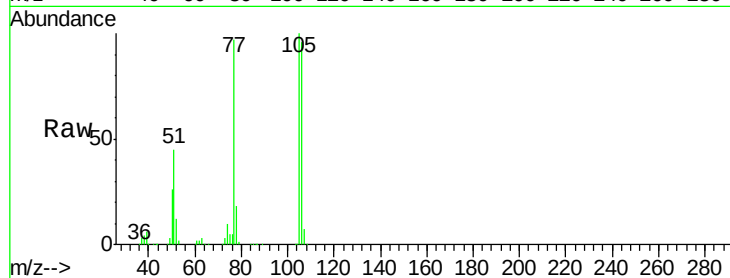
ClientSampleId :

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Tot Ion:	77	Resp:	350231
Ion Ratio	Lower	Upper	
77	100		
105	102.7	82.5	122.5
106	98.7	78.7	118.7

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#10

Phenol

Concen: 38.644 ng

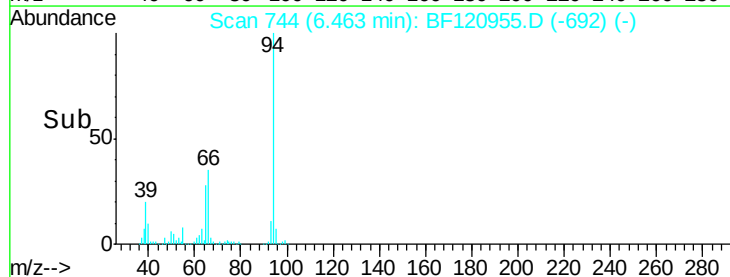
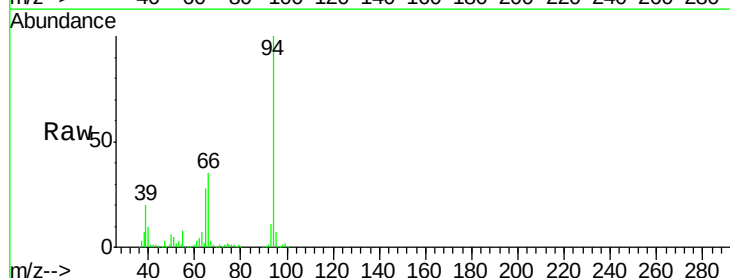
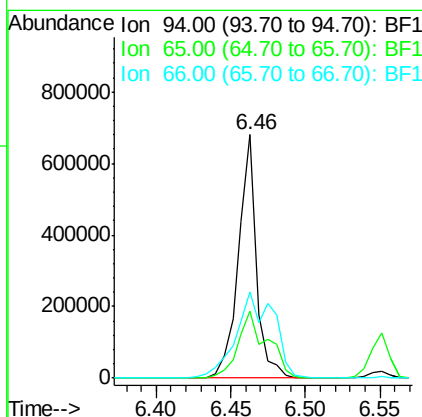
RT: 6.46 min Scan# 744

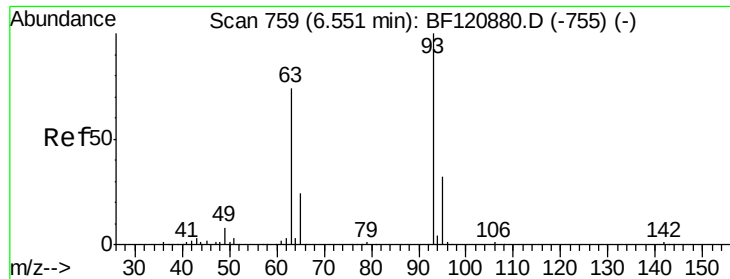
Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	94	Resp:	579526
Ion Ratio	Lower	Upper	
94	100		
65	27.6	6.6	46.6
66	35.4	13.2	53.2





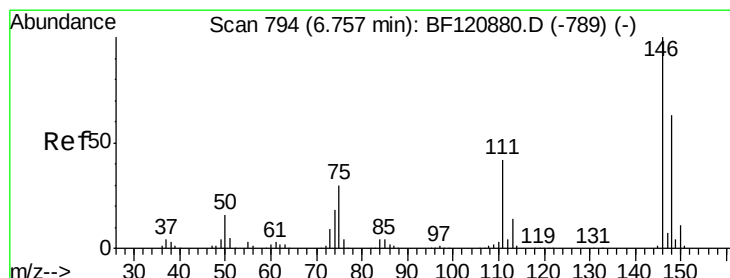
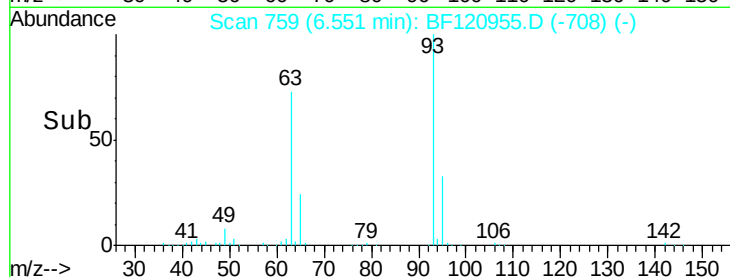
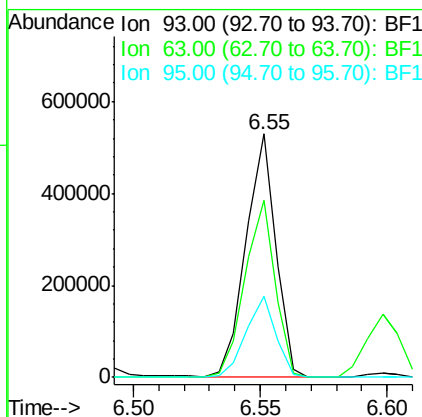
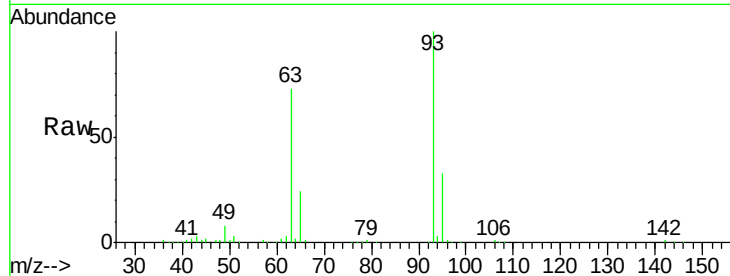
#11
bis(2-Chloroethyl)ether
Concen: 37.828 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.7	54.2	94.2	
95	33.1	12.2	52.2	

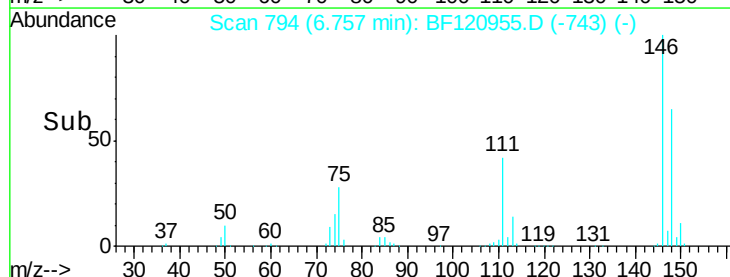
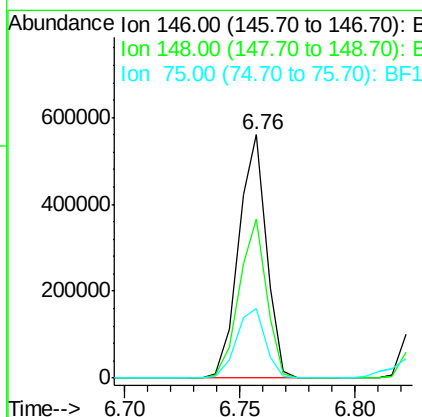
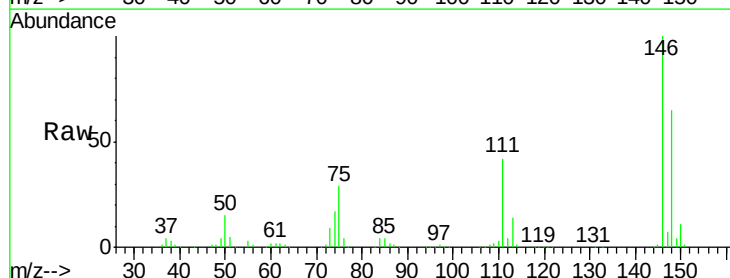
Manual Integrations
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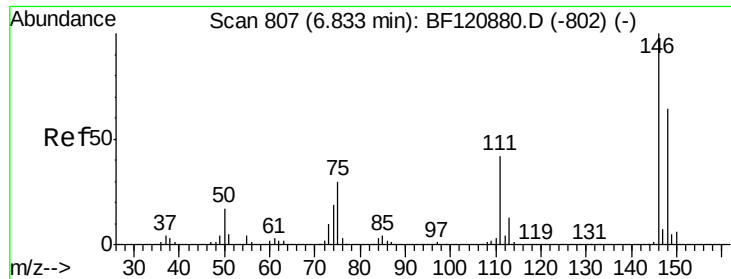
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.162 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.2	50.6	75.8	
75	28.6	24.1	36.1	





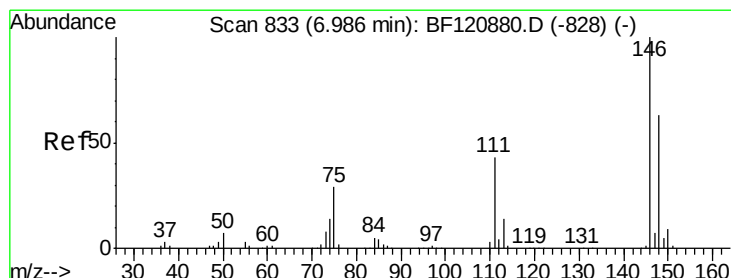
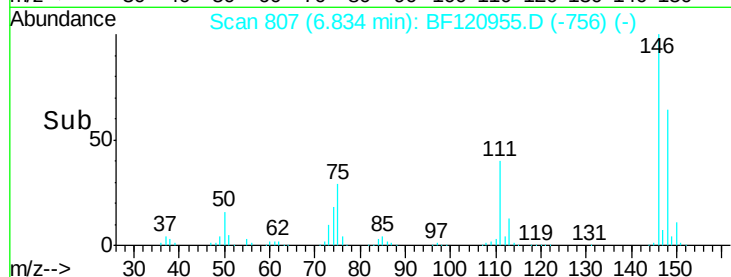
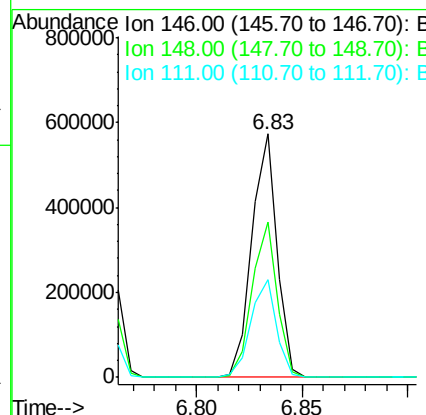
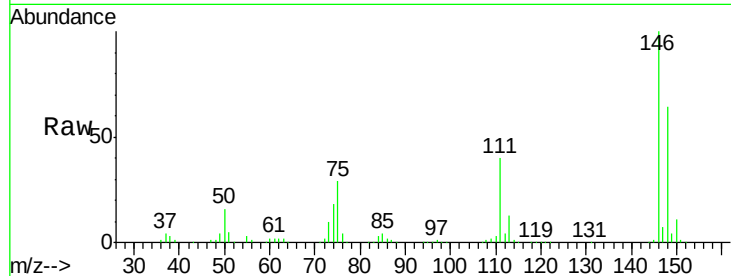
#13
 1,4-Dichlorobenzene
 Concen: 37.975 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	40.2	33.5	50.3

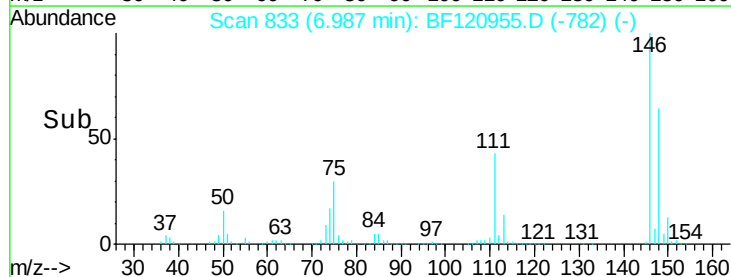
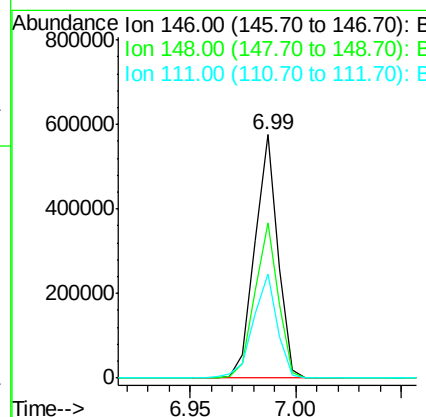
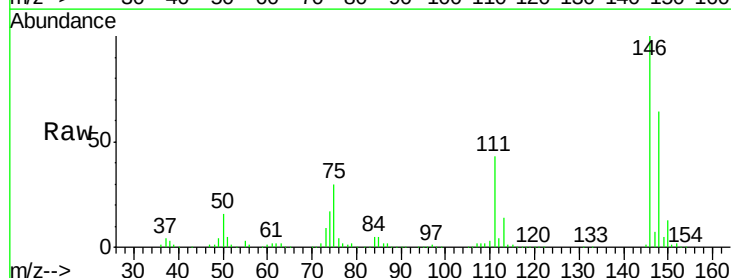
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 APPROVED

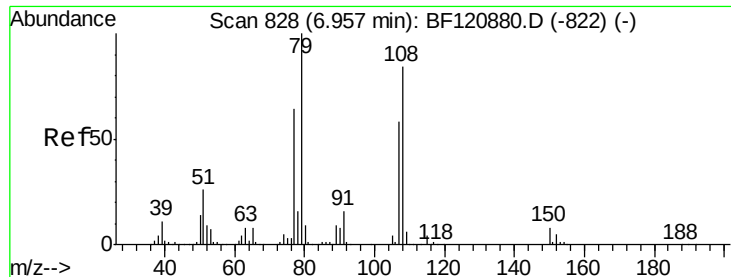
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#14
 1,2-Dichlorobenzene
 Concen: 36.949 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	42.6	34.2	51.2





#15

Benzyl Alcohol

Concen: 37.220 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

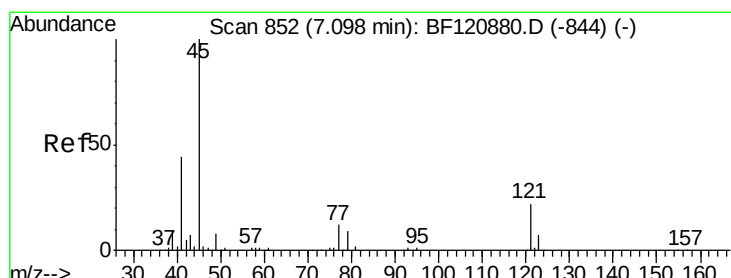
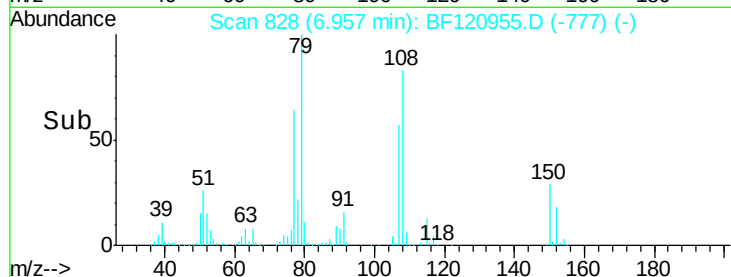
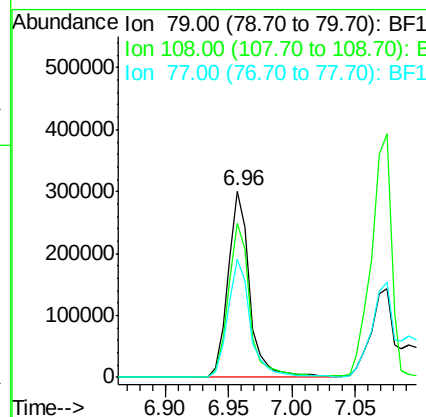
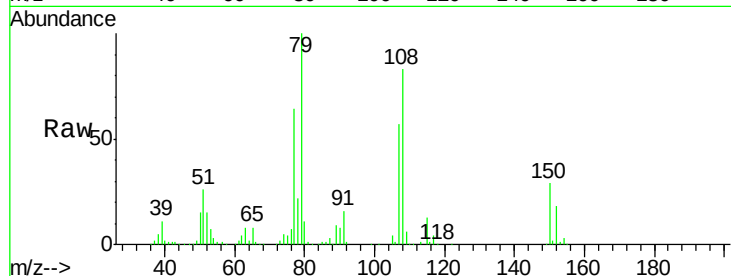
ClientSampled :

PB130359BSD

Tot Ion:	79	Resp:	358837
Ion Ratio	Lower	Upper	
79	100		
108	82.6	67.0	100.6
77	63.6	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.819 ng

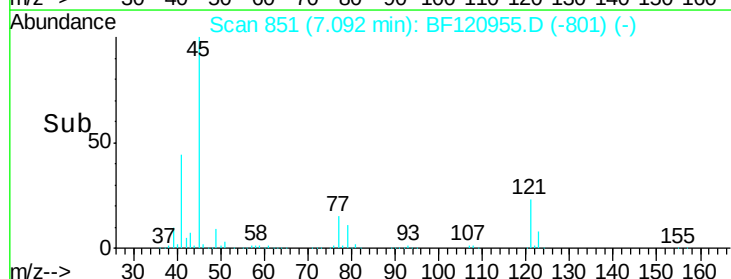
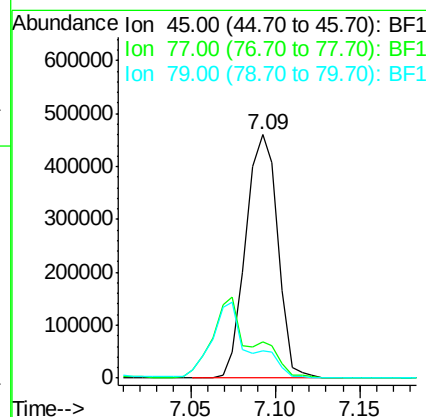
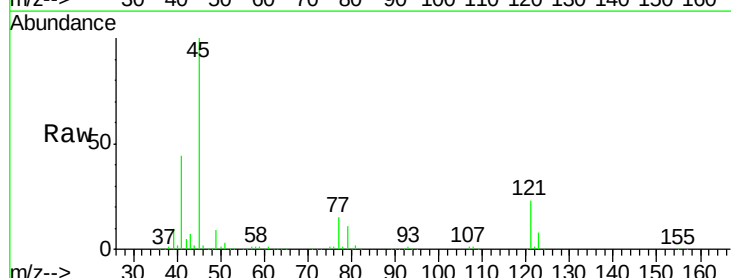
RT: 7.09 min Scan# 851

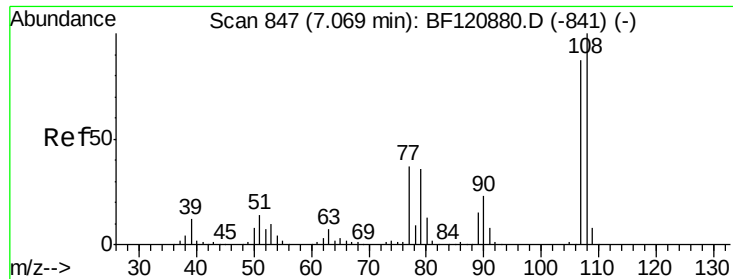
Delta R.T. -0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	45	Resp:	609928
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	34.3
79	11.2	0.0	31.0





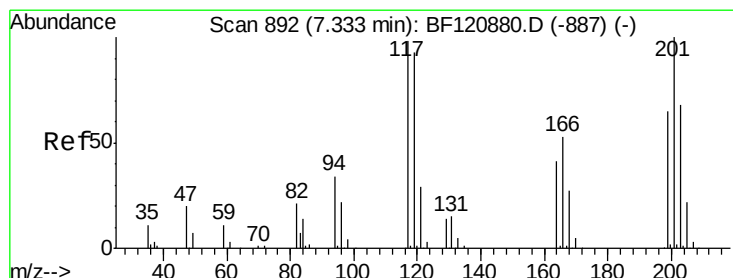
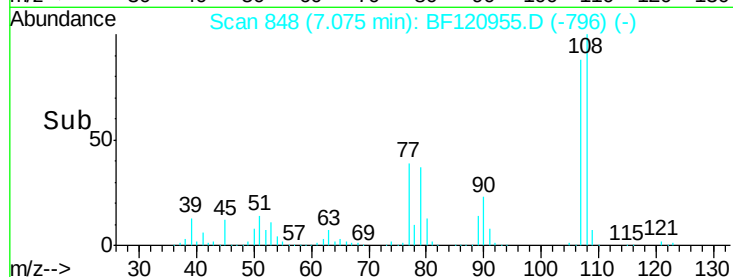
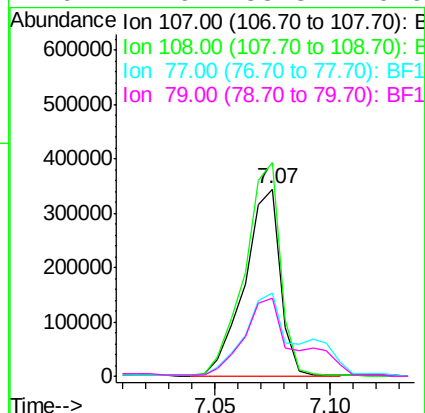
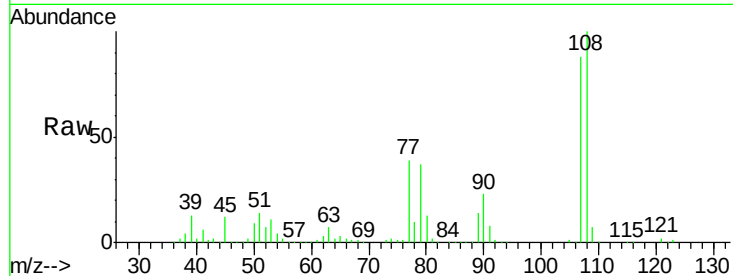
#17
2-Methylphenol
Concen: 36.199 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	92.0	138.0	
77	44.5	34.0	51.0	
79	41.6	33.3	49.9	

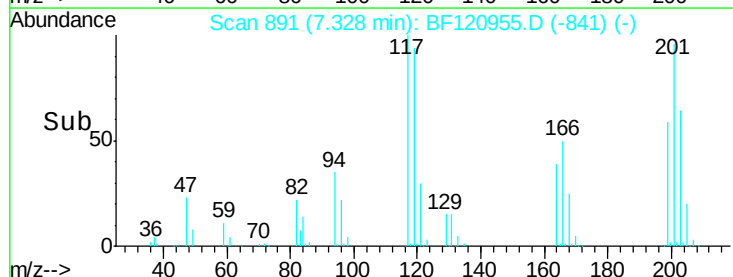
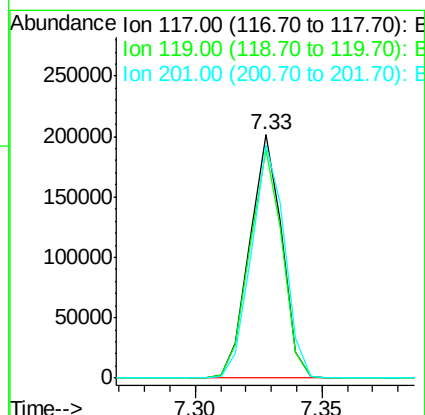
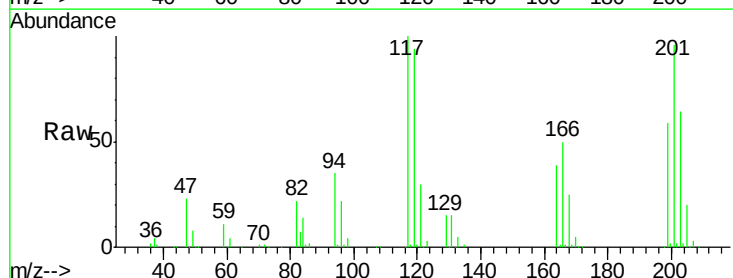
Manual Integrations
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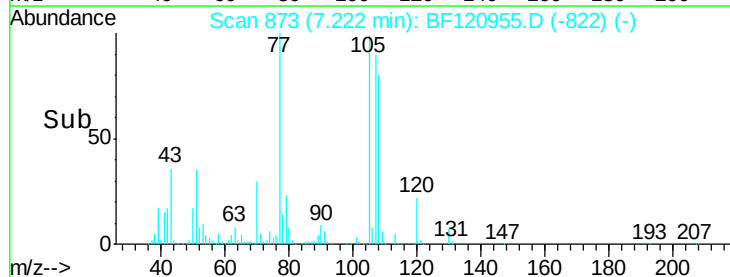
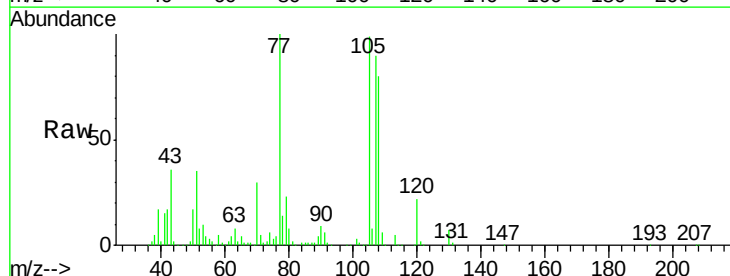
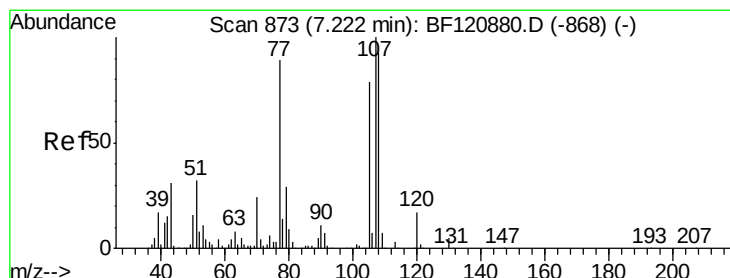
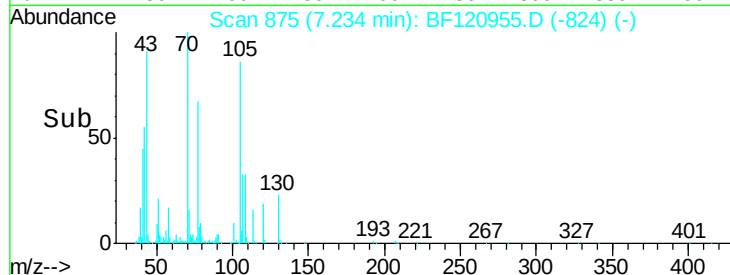
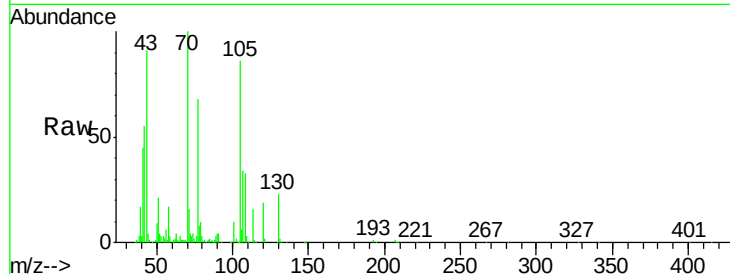
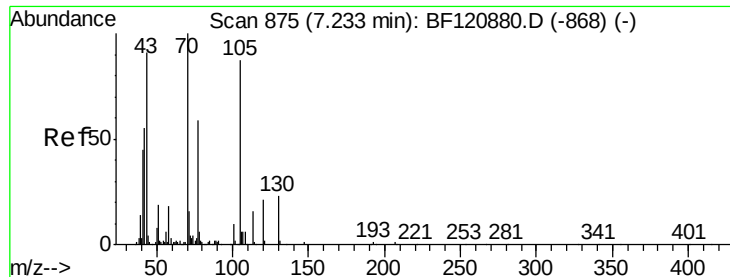
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#18
Hexachloroethane
Concen: 39.263 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	76.0	114.0	
201	95.8	81.7	122.5	





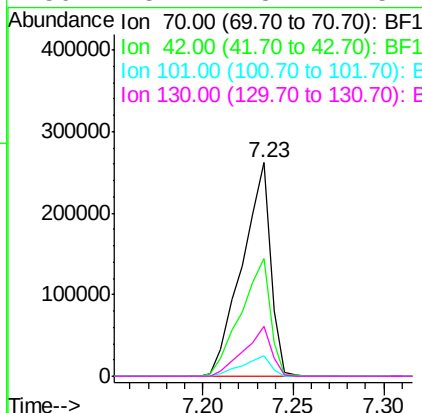
#19
n-Nitroso-di-n-propylamine
Concen: 37.010 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	44.0	66.0	
101	9.8	7.8	11.6	
130	23.1	18.7	28.1	

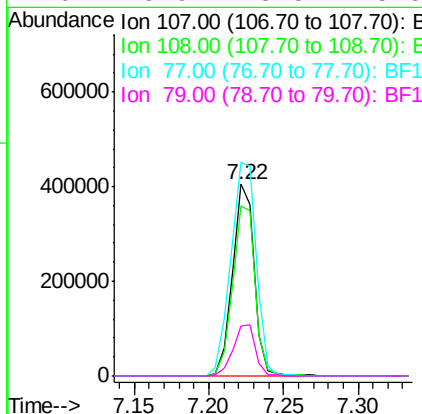
Manual Integrations
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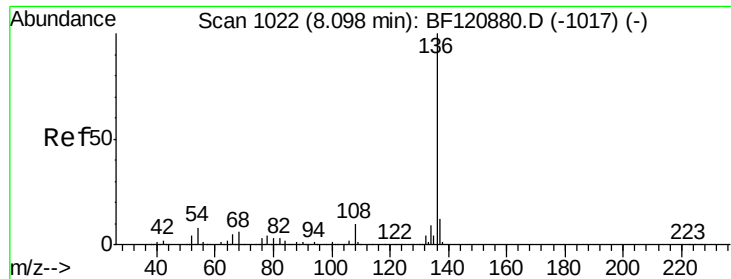
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#20
3+4-Methylphenols
Concen: 31.728 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	72.8	112.8	
77	111.4	68.7	108.7#	
79	25.9	8.5	48.5	





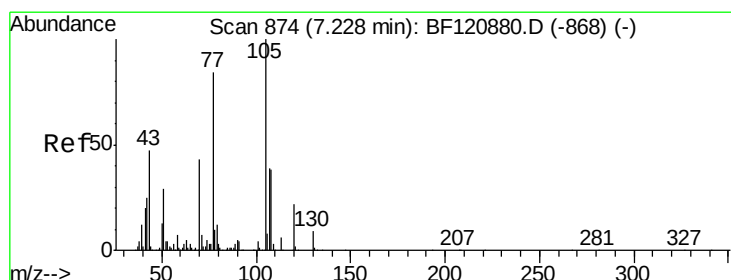
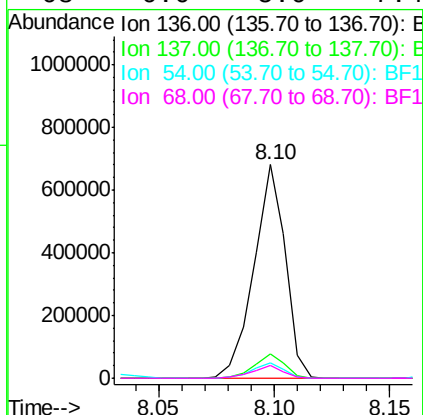
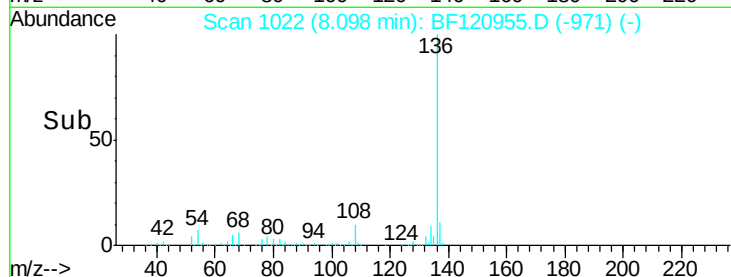
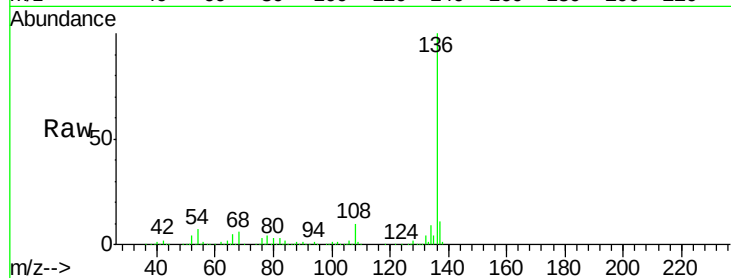
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	645175		
137	11.4	9.3	13.9	
54	7.5	6.3	9.5	
68	6.0	5.0	7.4	

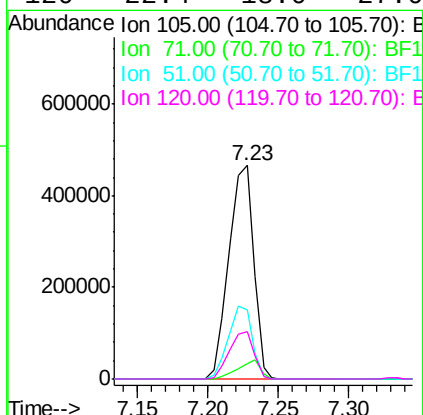
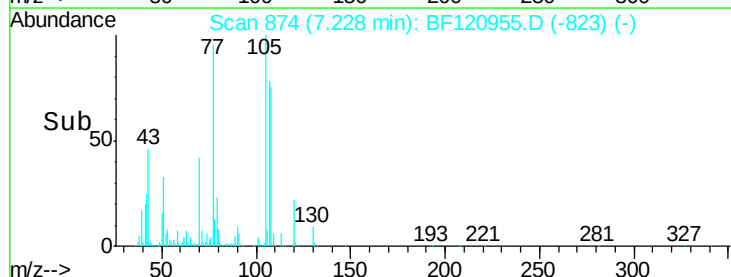
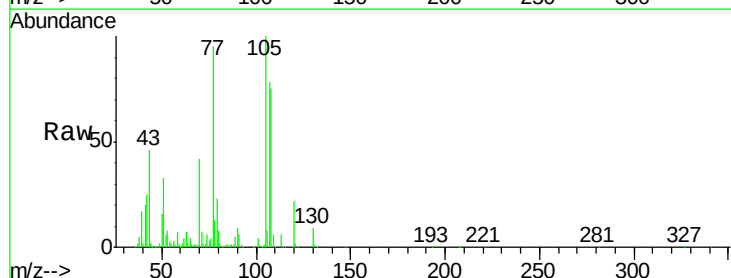
Manual Integrations
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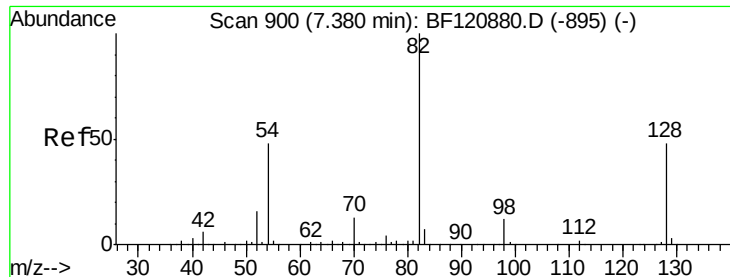
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#22
Acetophenone
Concen: 39.742 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575444		
71	7.3	5.7	8.5	
51	32.6	22.9	34.3	
120	22.4	18.0	27.0	





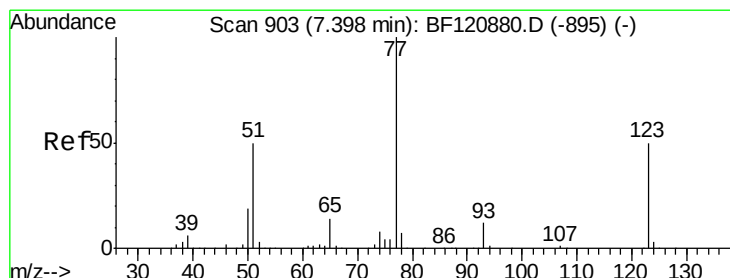
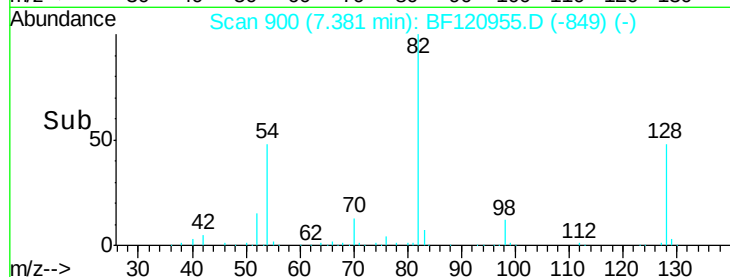
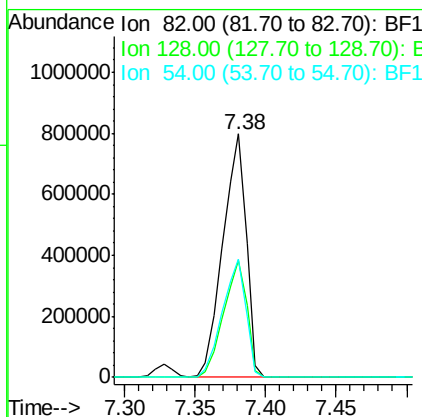
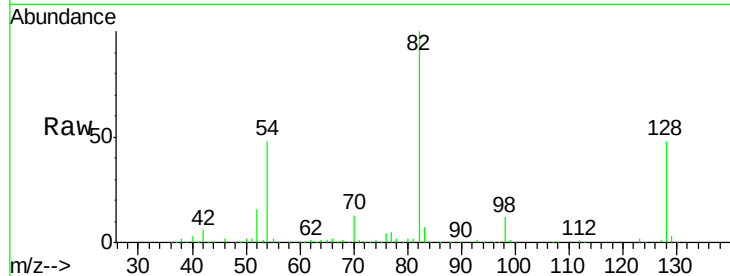
#23
Nitrobenzene-d5
Concen: 82.176 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampled :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	38.2	57.4	
54	48.4	38.7	58.1	

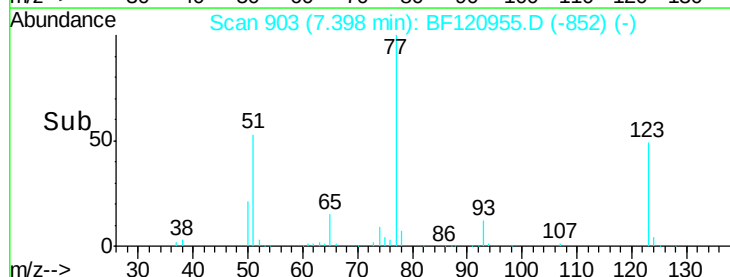
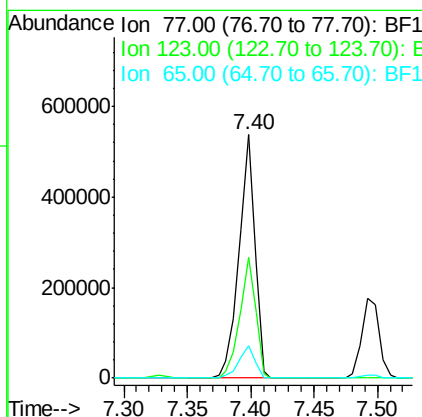
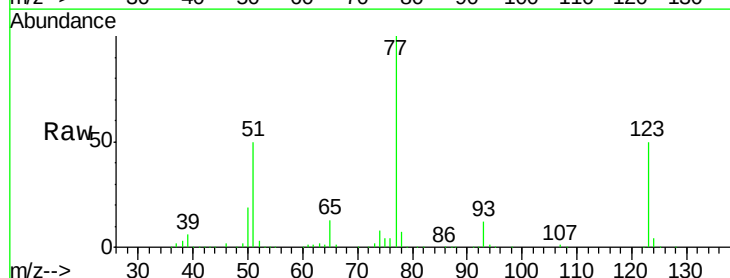
Manual Integrations
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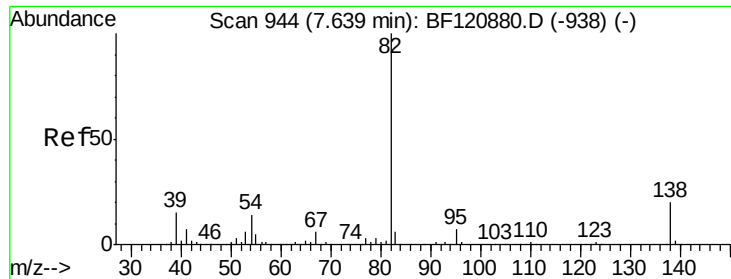
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#24
Nitrobenzene
Concen: 38.609 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	40.1	60.1	
65	13.3	10.8	16.2	





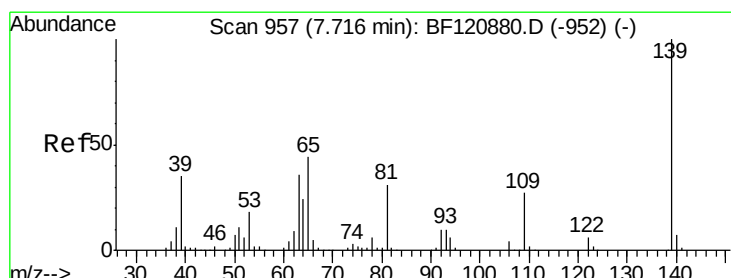
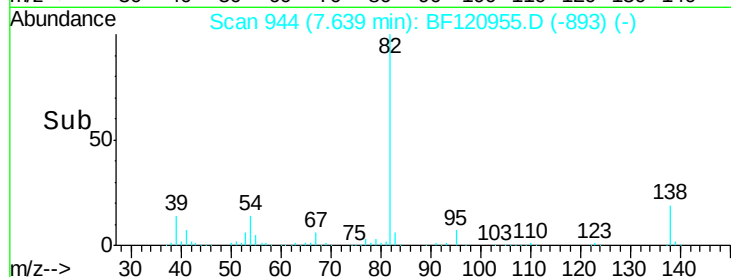
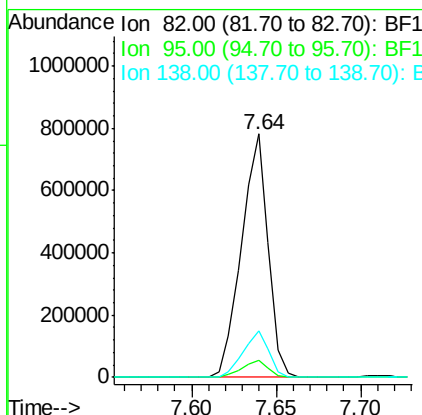
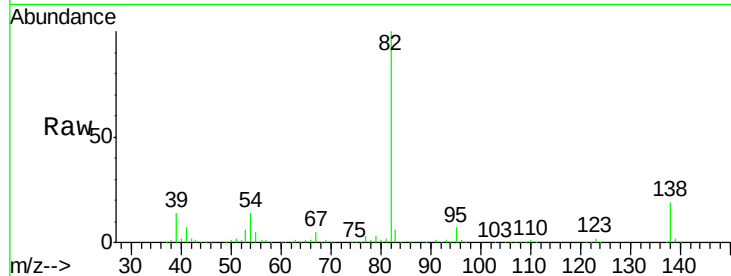
#25
Isophorone
Concen: 38.604 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0		5.5	8.3
138	19.1		15.6	23.4

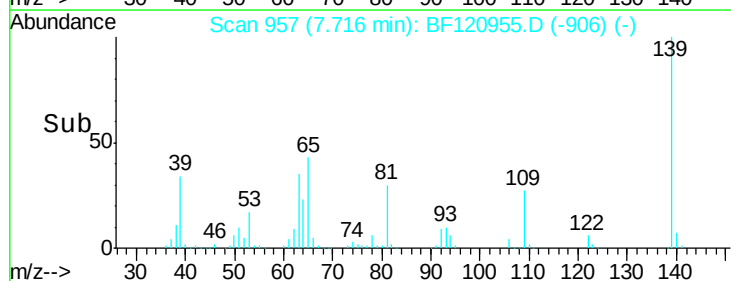
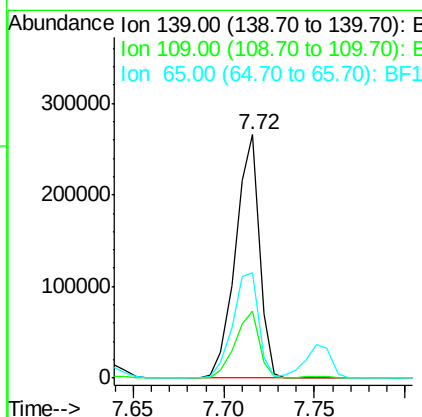
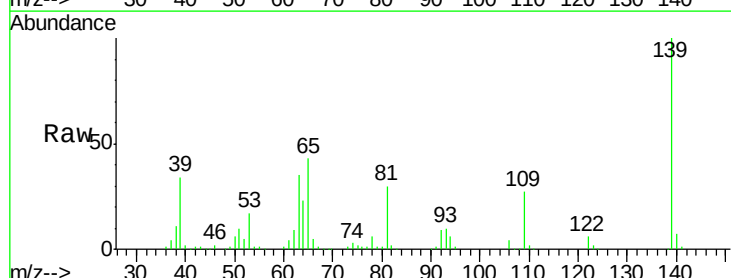
Manual Integrations
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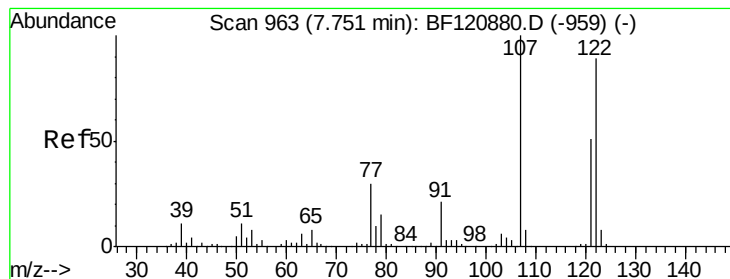
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#26
2-Nitrophenol
Concen: 42.745 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.4		21.6	32.4
65	43.1		35.3	52.9





#27

2,4-Dimethylphenol

Concen: 43.776 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

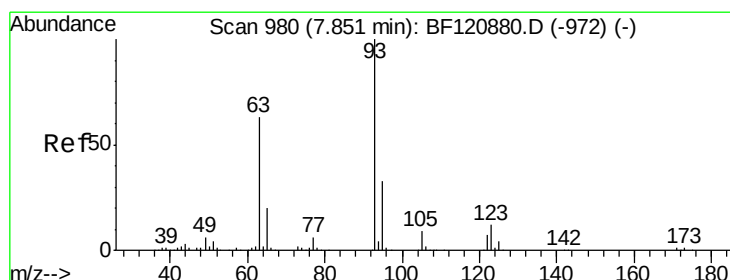
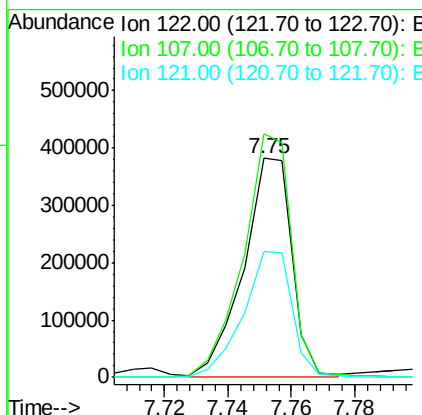
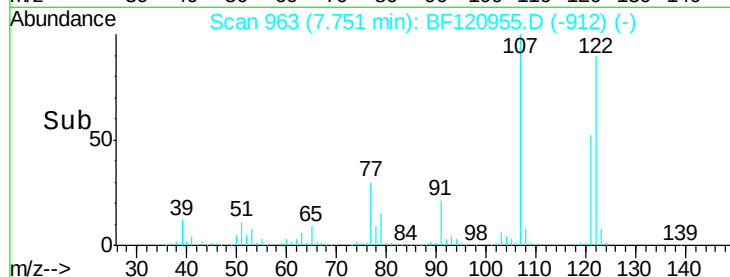
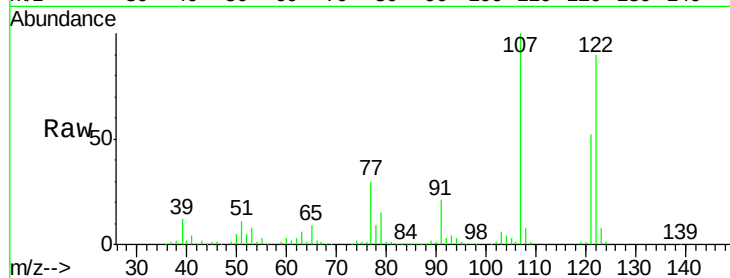
ClientSampled :

PB130359BSD

Tot Ion:	122	Resp:	405659
Ion Ratio	Lower	Upper	
122	100		
107	111.2	89.4	134.0
121	57.8	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.517 ng

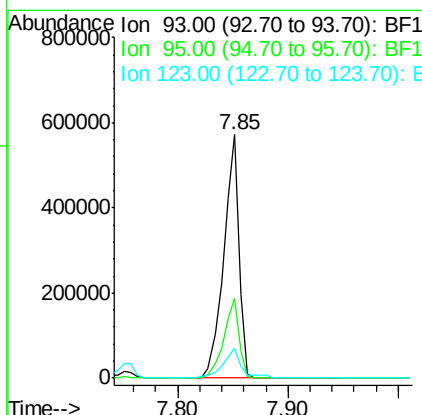
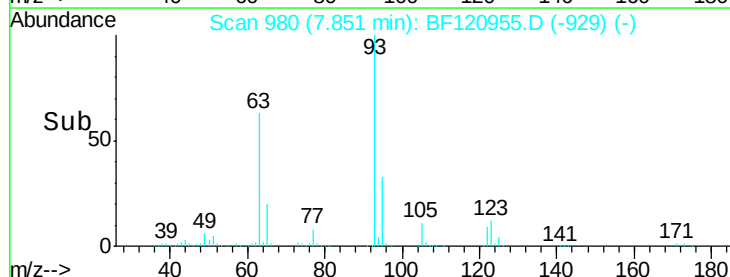
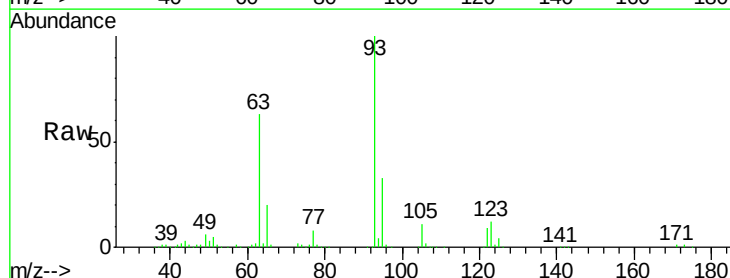
RT: 7.85 min Scan# 980

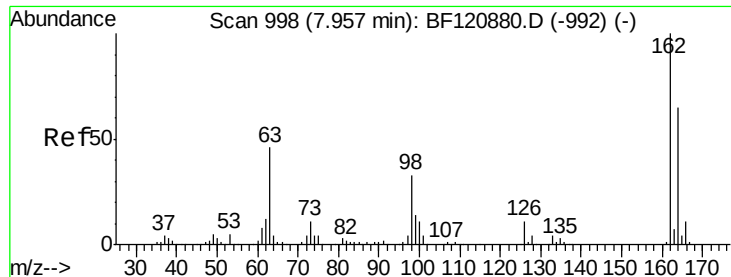
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	93	Resp:	550374
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	39.8
123	12.2	10.0	15.0





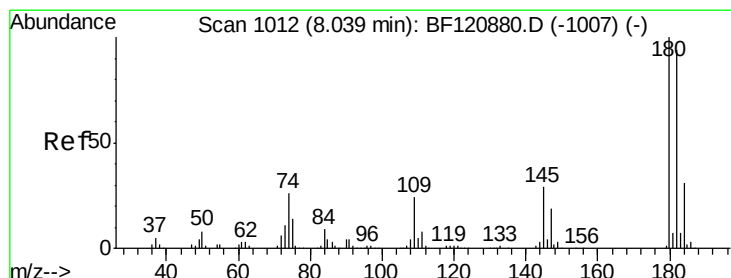
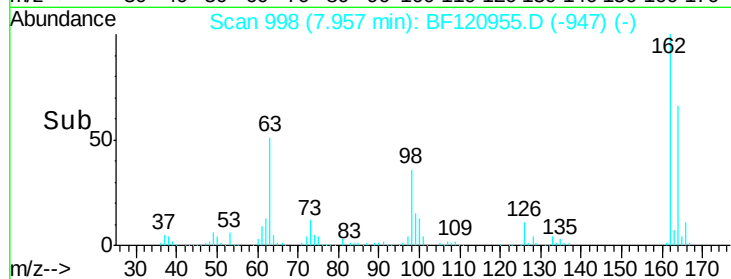
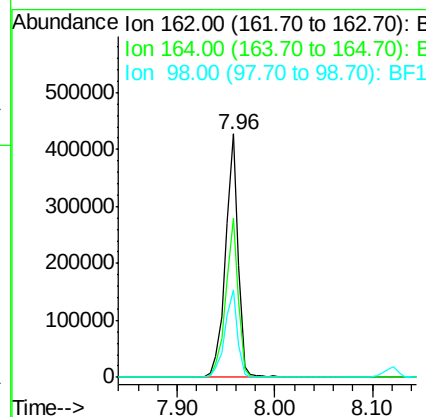
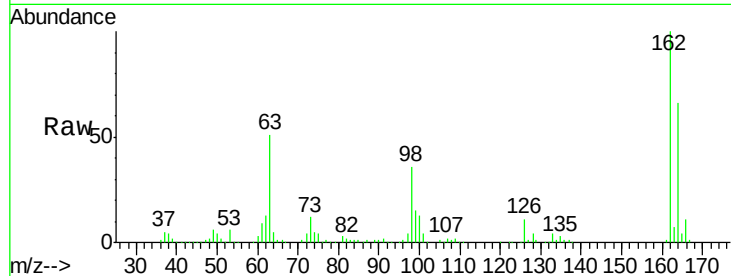
#29
2,4-Dichlorophenol
Concen: 40.623 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		384670		
164	65.6	45.3	85.3		
98	35.9	13.3	53.3		

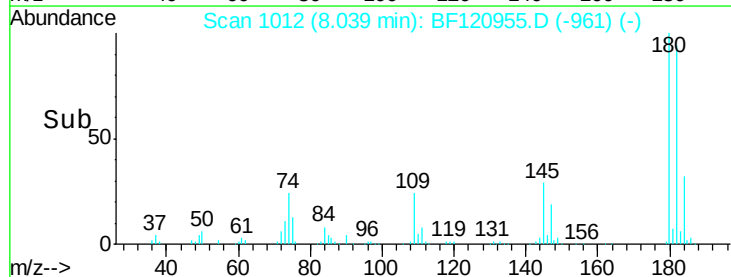
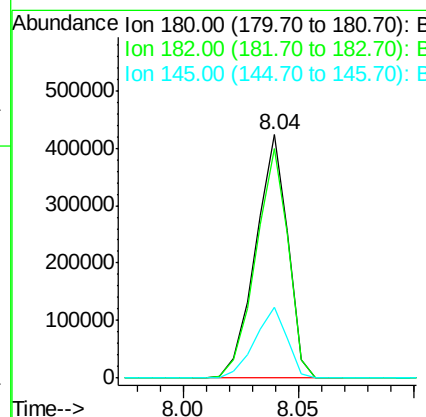
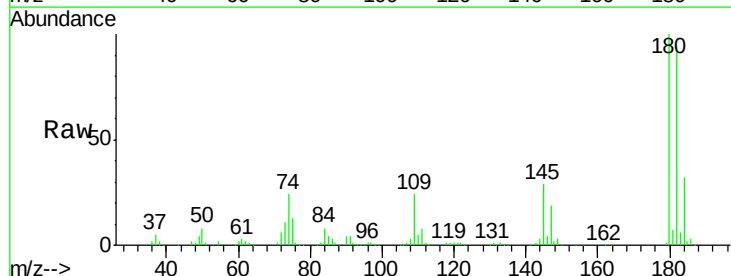
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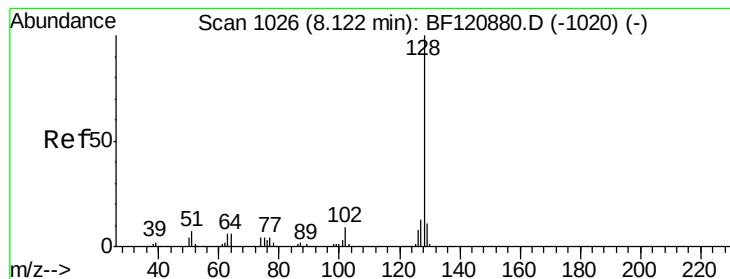
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#30
1,2,4-Trichlorobenzene
Concen: 39.209 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		411921		
182	94.4	75.0	112.6		
145	29.3	23.5	35.3		





#31

Naphthalene

Concen: 38.837 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB130359BSD

Tot Ion:128 Resp: 1285289

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

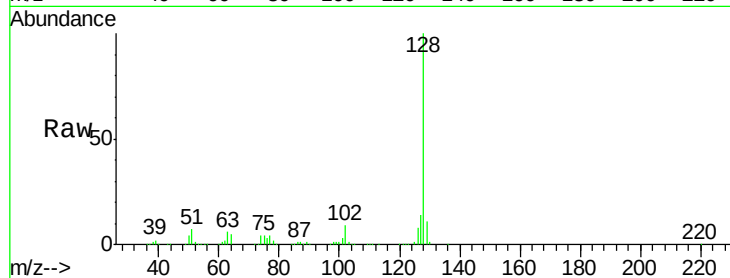
127 13.6 10.7 16.1

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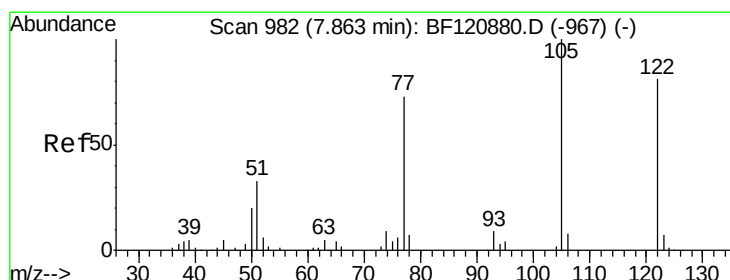
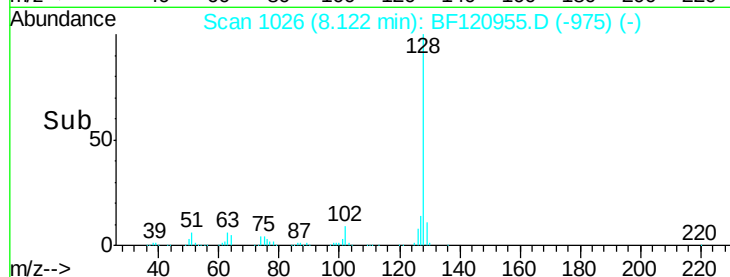
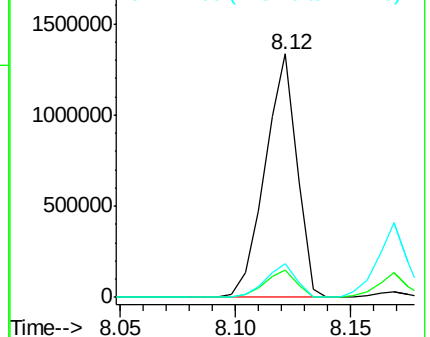
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.668 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

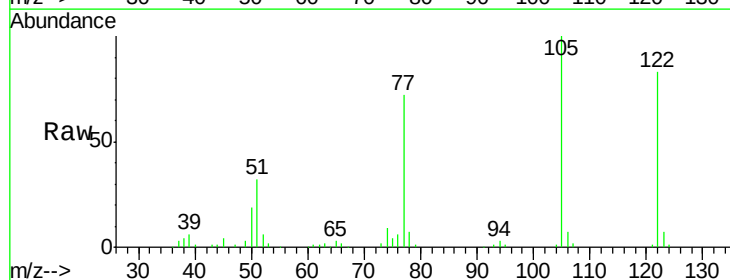
Tgt Ion:122 Resp: 275939

Ion Ratio Lower Upper

122 100

105 120.8 101.3 141.3

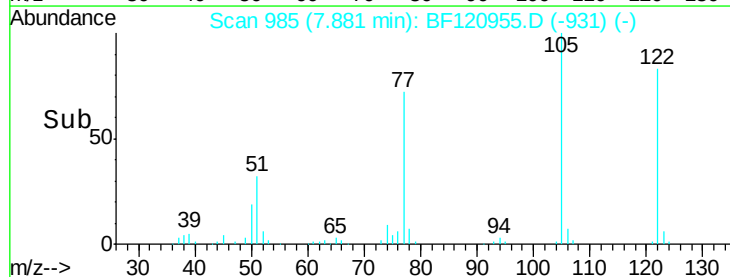
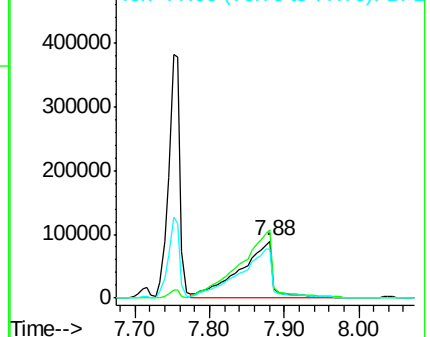
77 87.2 69.1 109.1

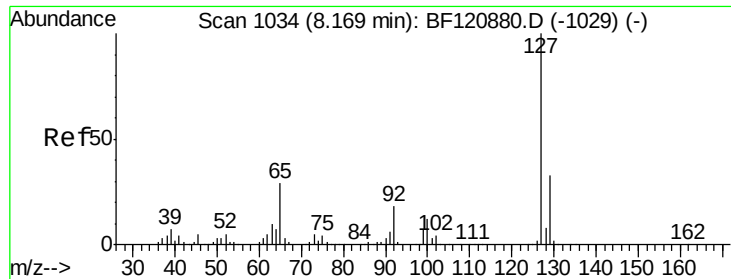


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





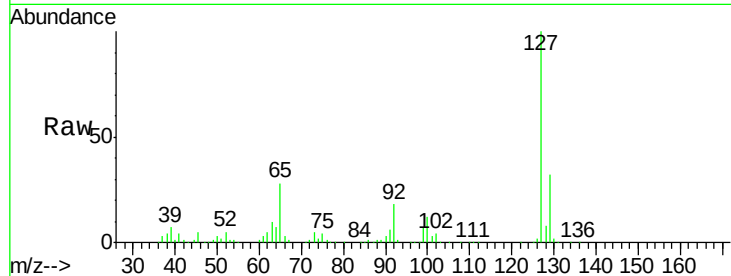
#33
4-Chloroaniline
Concen: 25.117 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

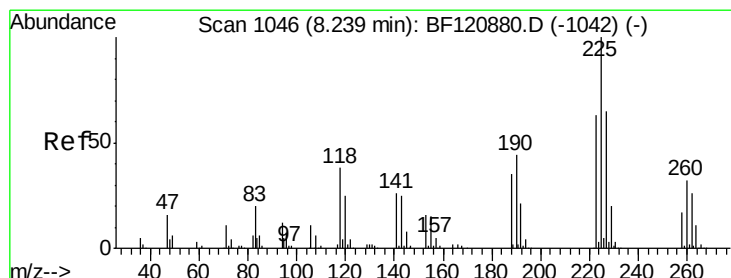
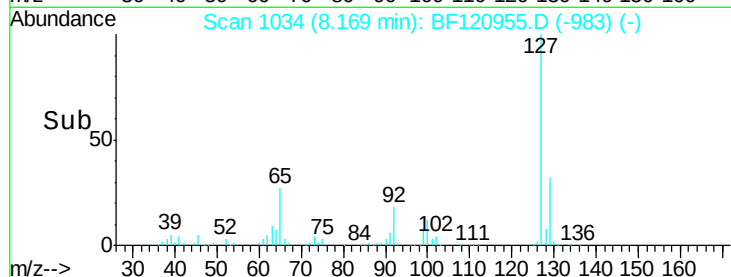
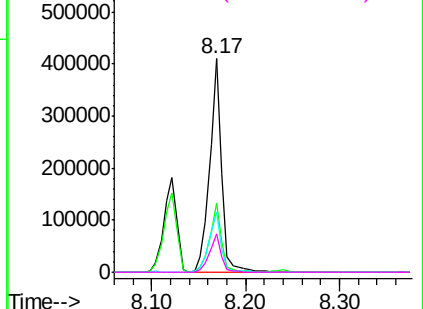
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.5	39.7		
65	27.9	23.0	34.4		
92	17.8	14.5	21.7		

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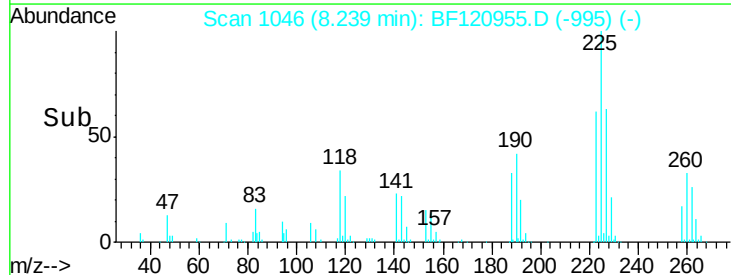
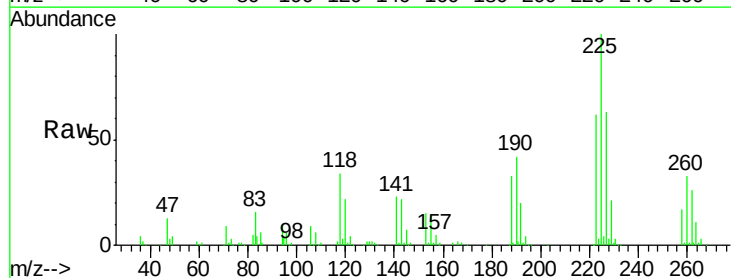
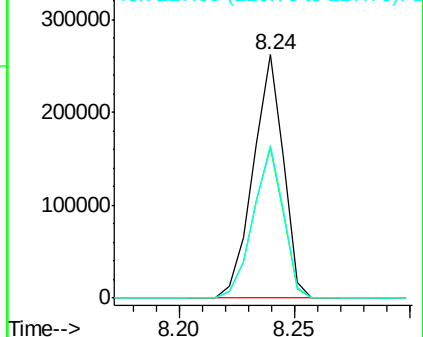
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

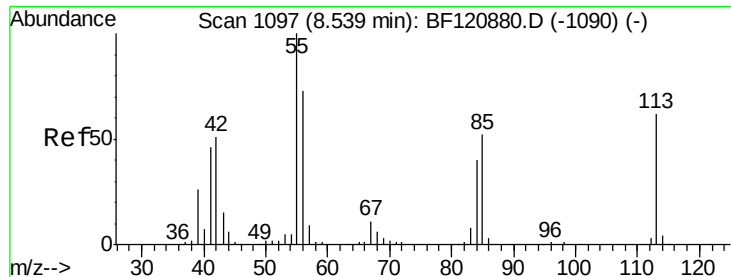


#34
Hexachlorobutadiene
Concen: 38.570 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.6	76.0		
227	63.0	52.2	78.2		

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





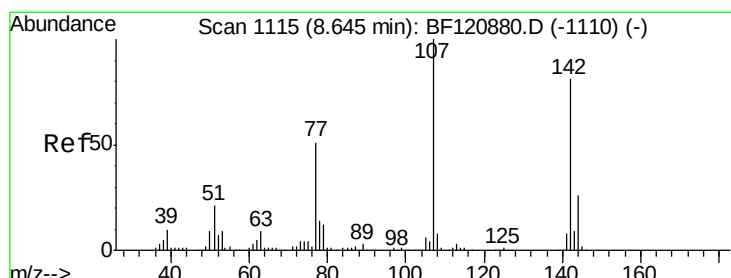
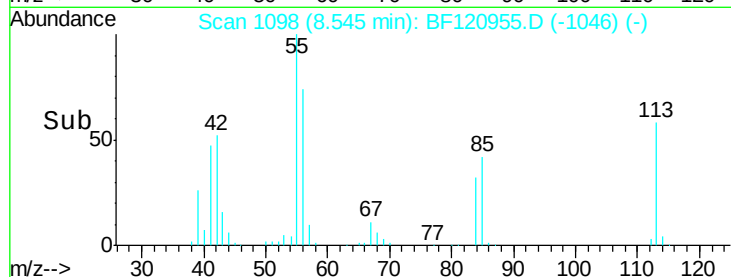
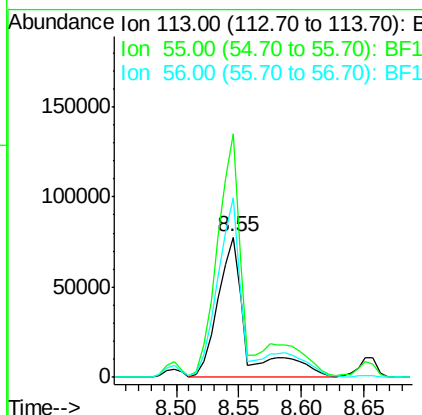
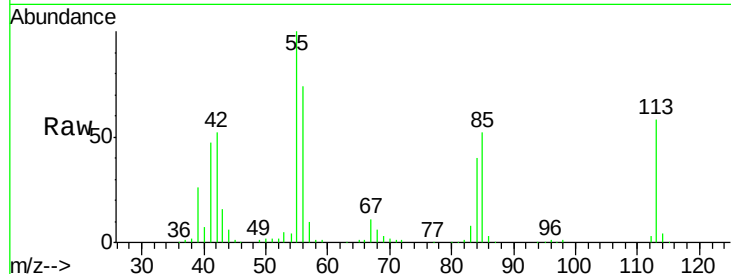
#35
Caprolactam
Concen: 40.862 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.3	143.3	183.3
56	128.1	99.4	139.4

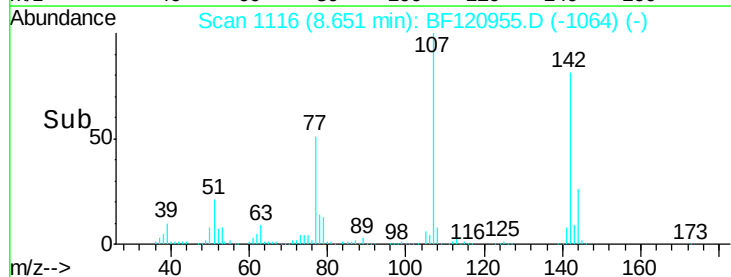
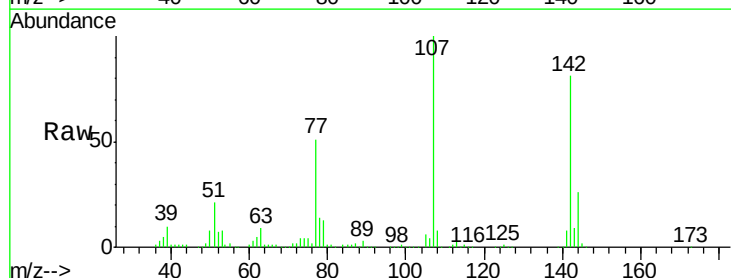
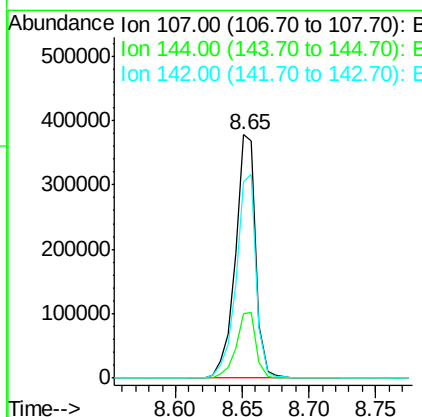
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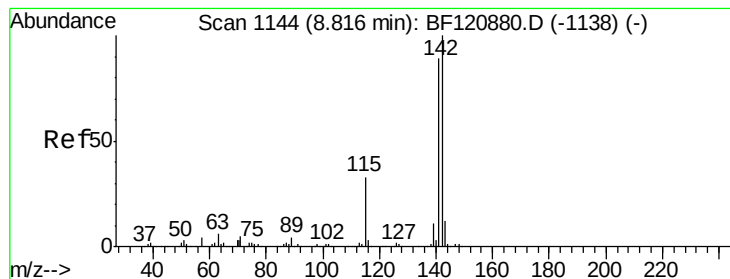
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#36
4-Chloro-3-methylphenol
Concen: 41.494 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	80.8	65.0	97.6





#37

2-Methylnaphthalene

Concen: 40.750 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

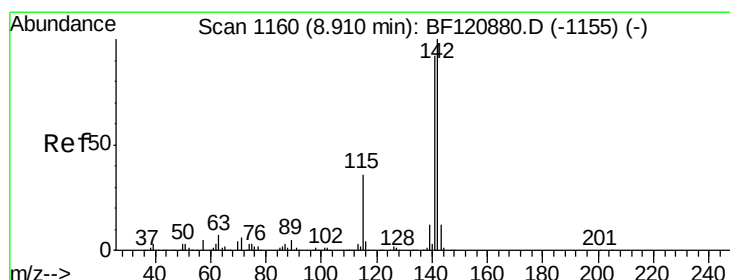
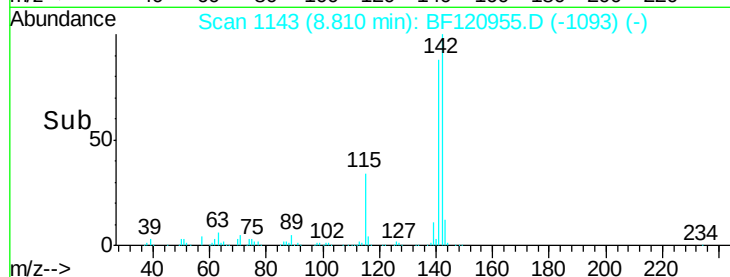
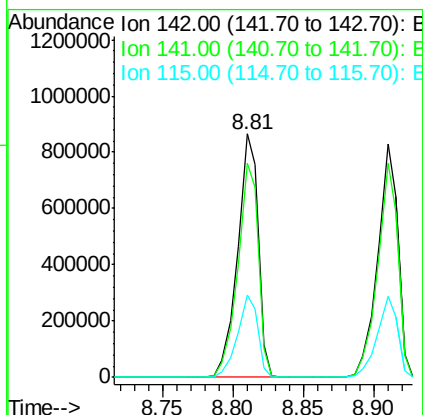
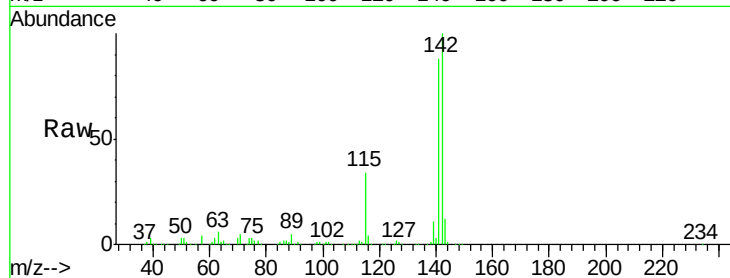
ClientSampleId :

PB130359BSD

Tot Ion:	142	Resp:	875644
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.0	106.4
115	33.9	26.0	39.0

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 40.494 ng

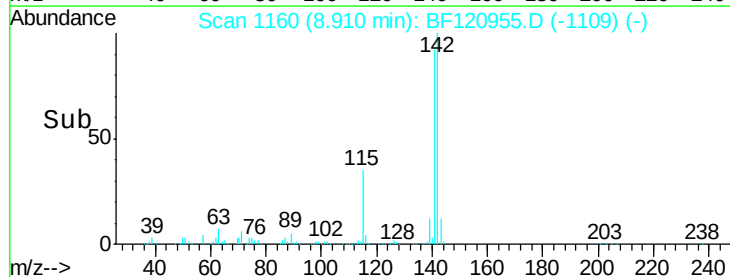
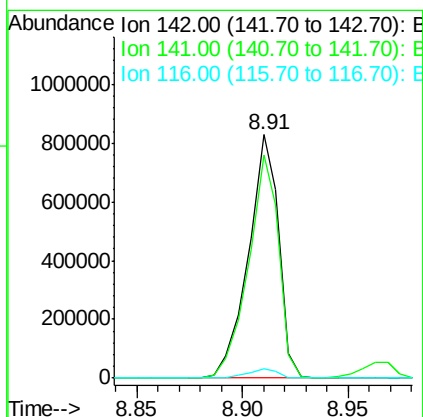
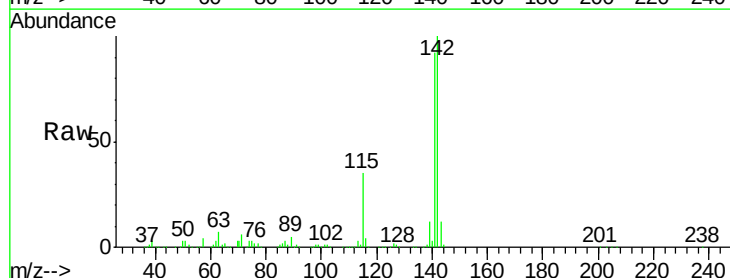
RT: 8.91 min Scan# 1160

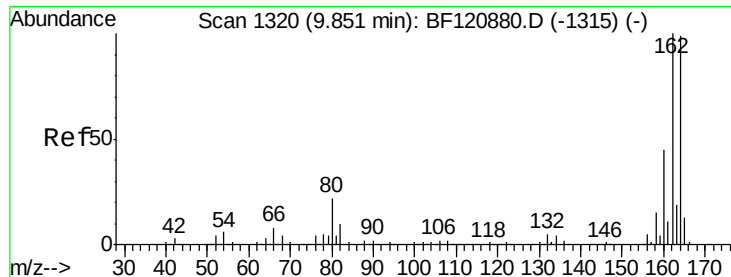
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	142	Resp:	824117
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.7	110.5
116	3.7	3.0	4.6





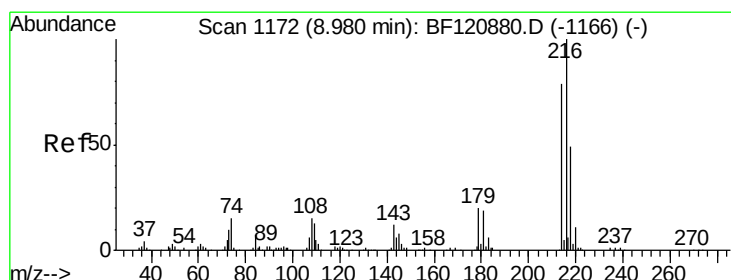
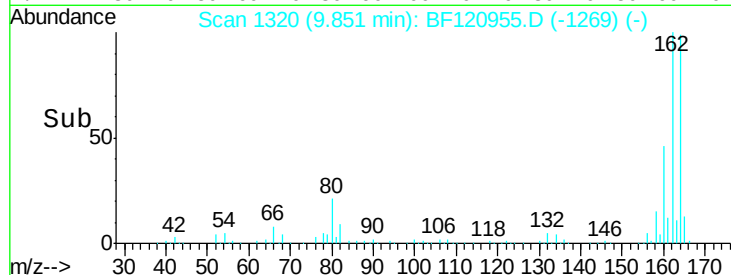
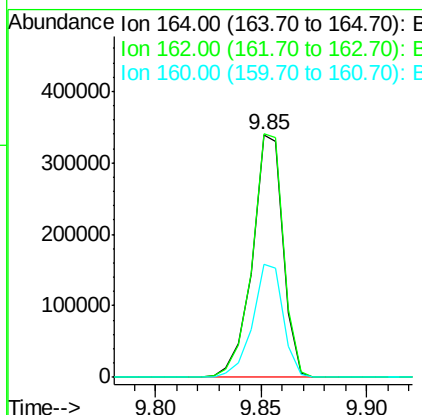
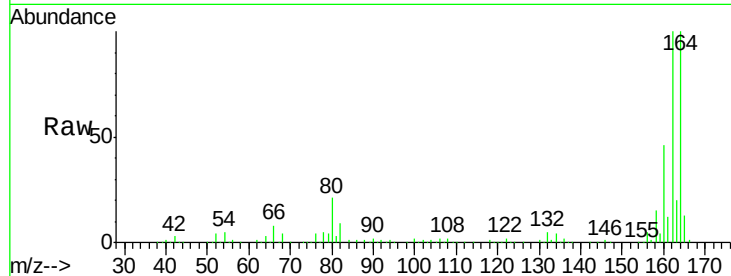
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.2	121.8
160	46.6	36.9	55.3

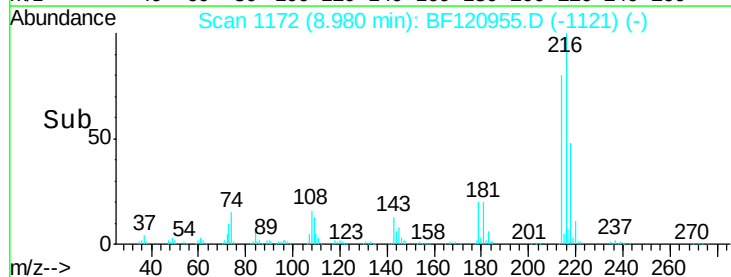
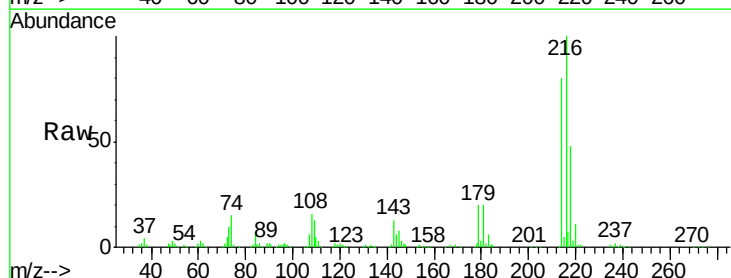
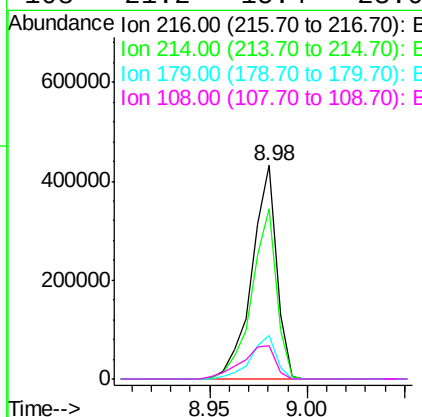
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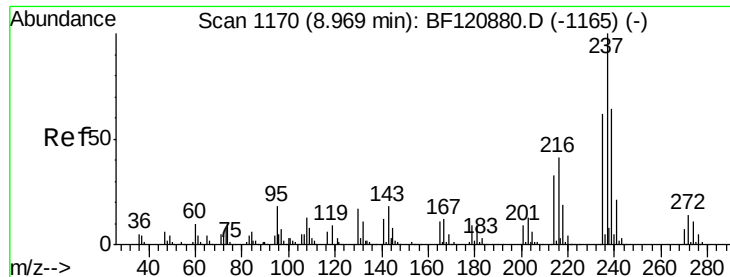
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.155 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.6	16.6	24.8
108	21.2	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 83.452 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

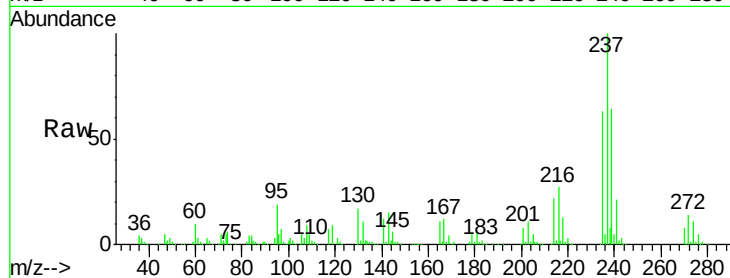
ClientSampleId :

PB130359BSD

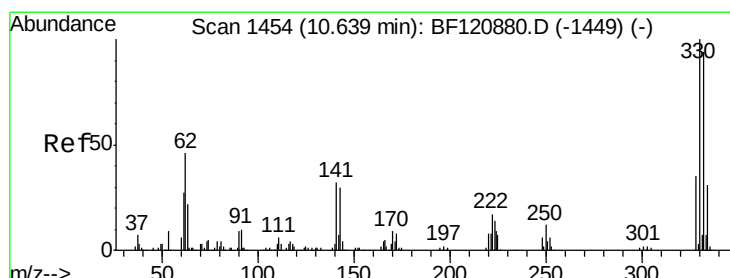
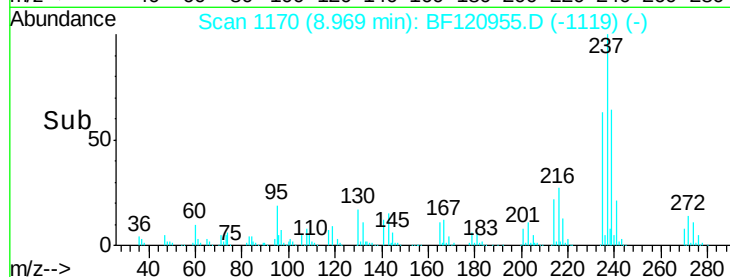
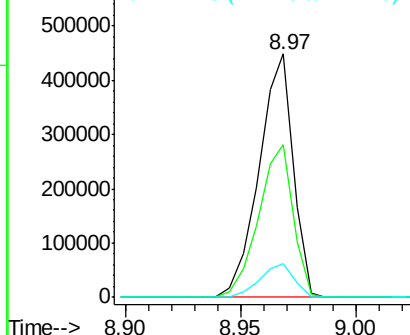
Tot Ion:	237	Resp:	461024
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.6	81.6
272	14.1	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 82.560 ng

RT: 10.65 min Scan# 1455

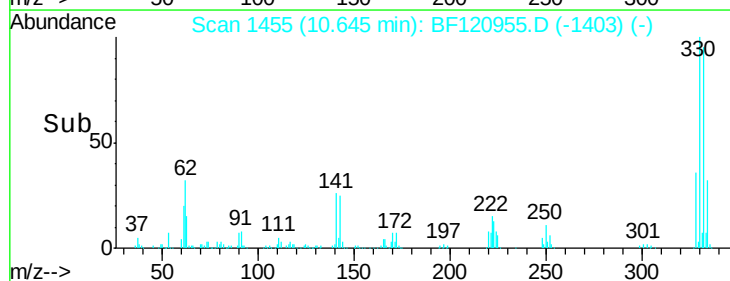
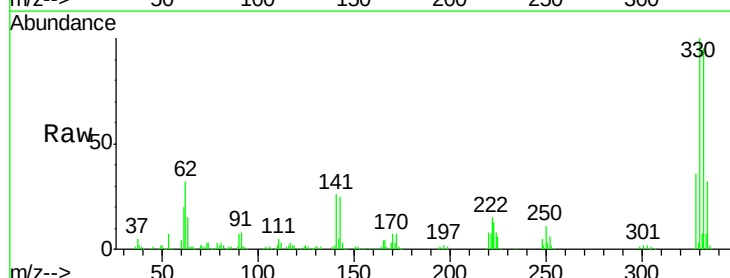
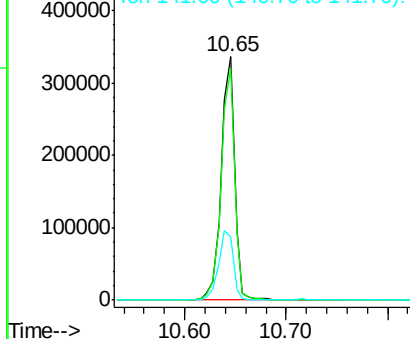
Delta R.T. 0.01 min

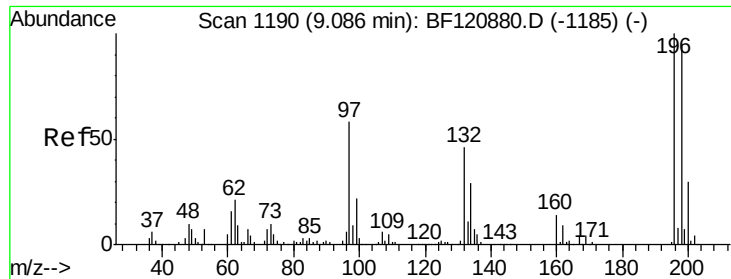
Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	330	Resp:	310034
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.5	113.3
141	31.4	25.7	38.5

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





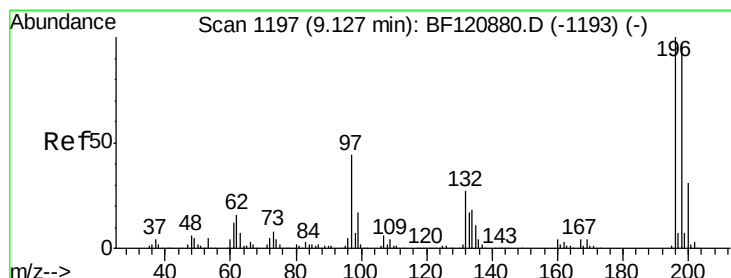
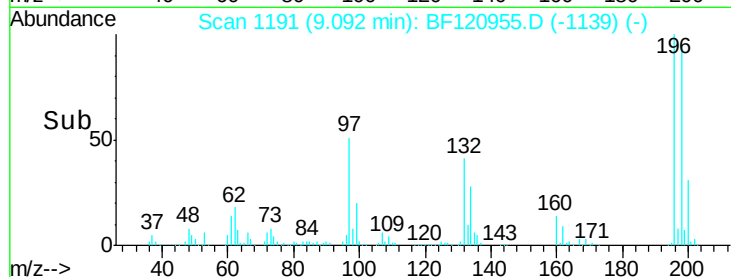
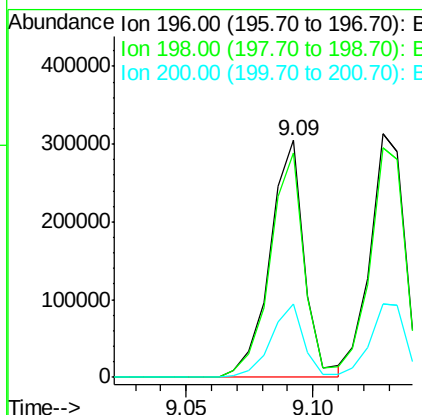
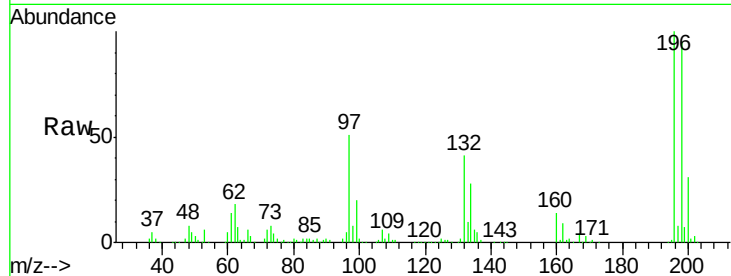
#43
 2,4,6-Trichlorophenol
 Concen: 41.252 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampled :
 PB130359BSD

Tot Ion	196	Resp	290325
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
200	31.0	24.4	36.6

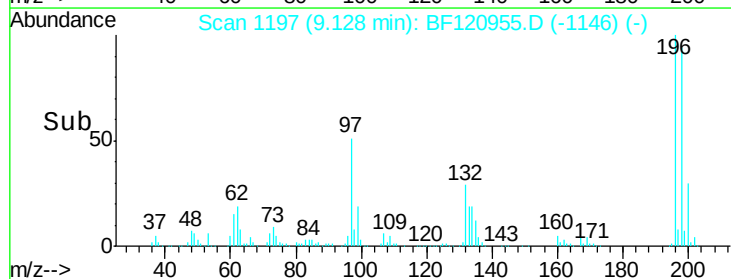
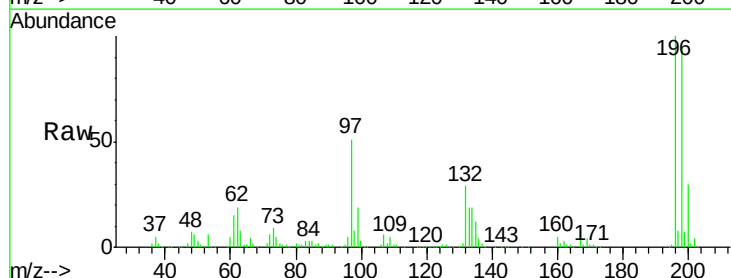
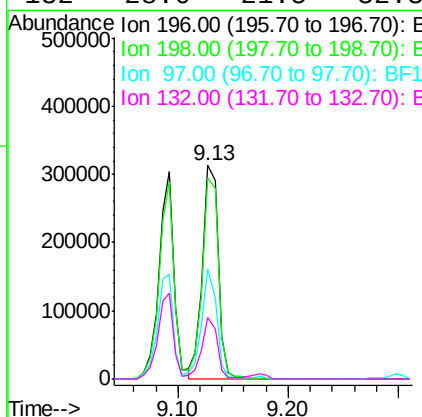
Manual Integrations
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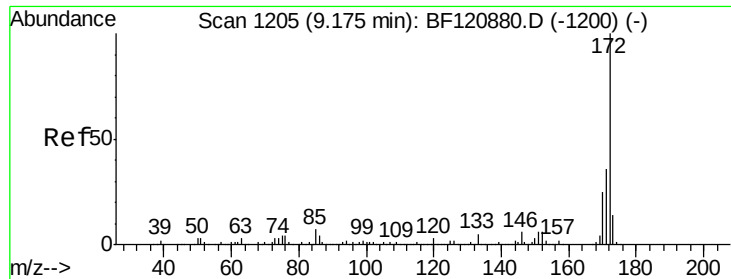
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#44
 2,4,5-Trichlorophenol
 Concen: 37.981 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion	196	Resp	303215
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.6	116.4
97	51.4	35.6	53.4
132	28.6	21.5	32.3





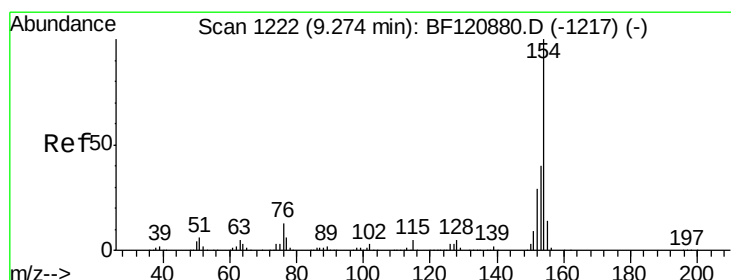
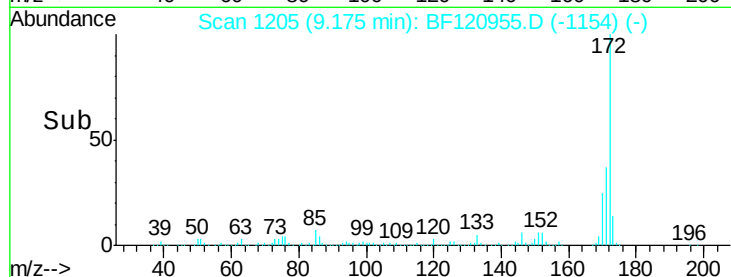
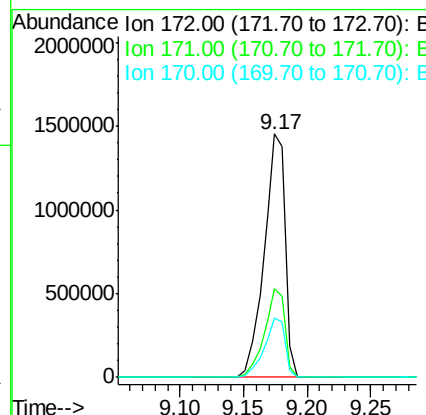
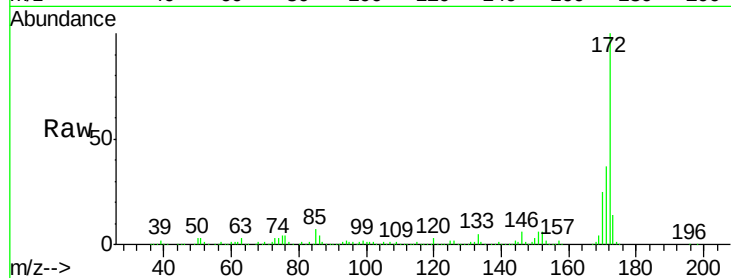
#45
2-Fluorobiphenyl
Concen: 73.141 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.5	19.6	29.4

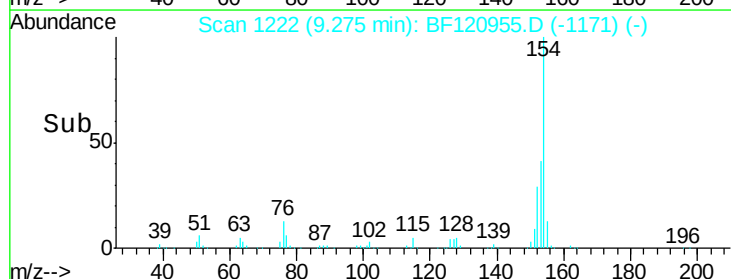
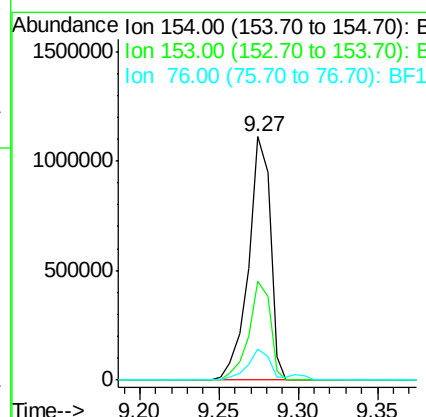
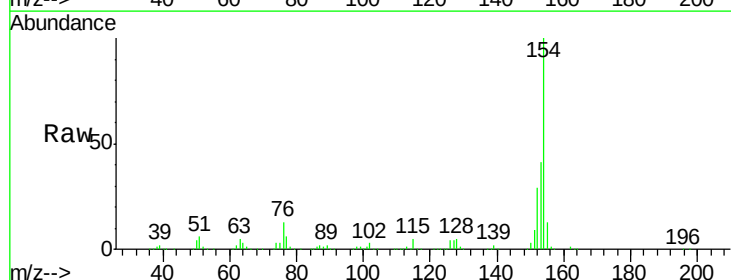
Manual Integrations
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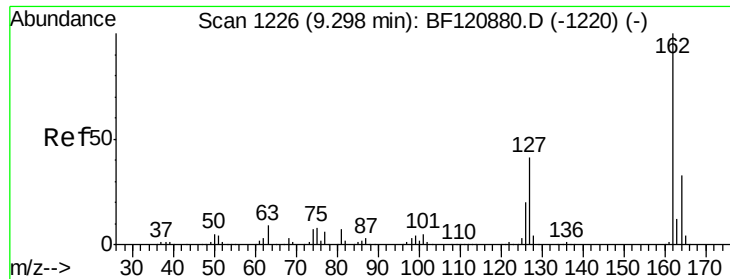
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#46
1,1'-Biphenyl
Concen: 40.254 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	13.0	0.0	33.1





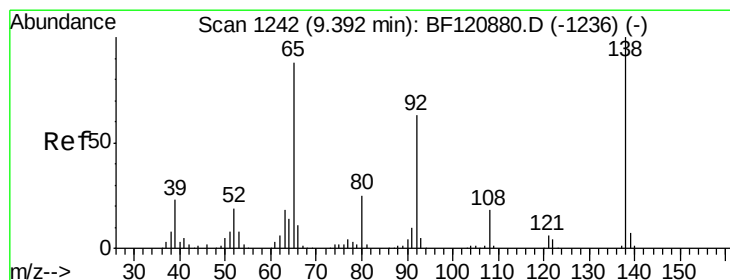
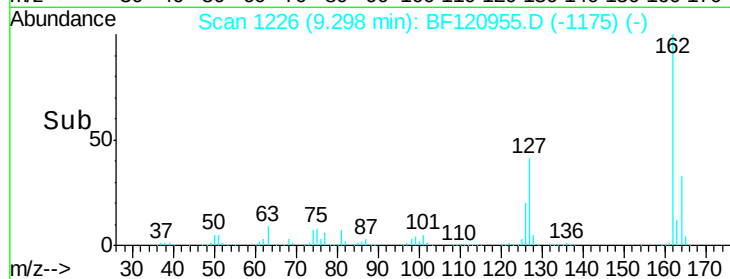
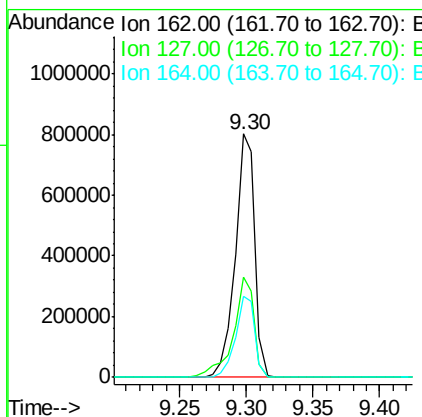
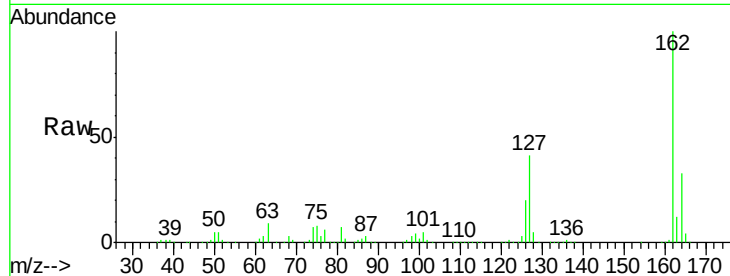
#47
 2-Chloronaphthalene
 Concen: 38.180 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampled :
 PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	814613		
127	41.4	33.3	49.9	
164	33.5	26.6	39.8	

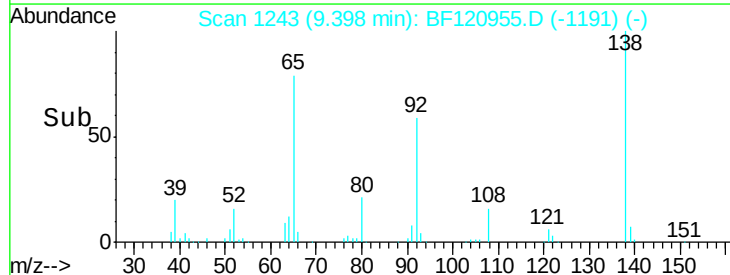
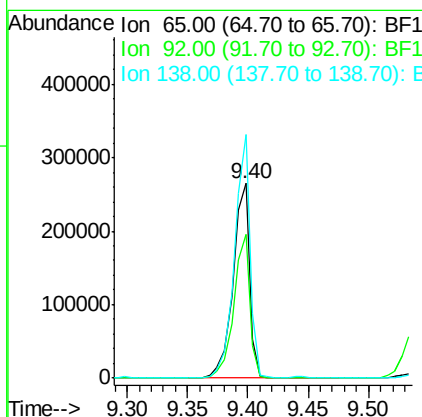
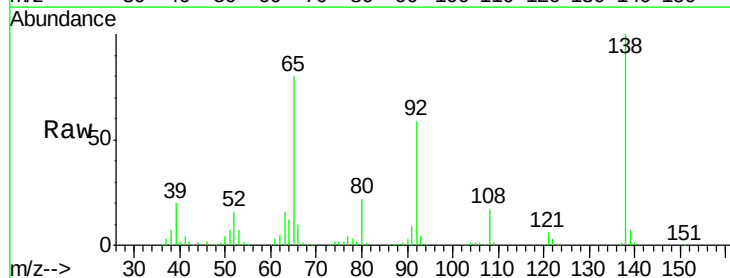
Manual Integrations
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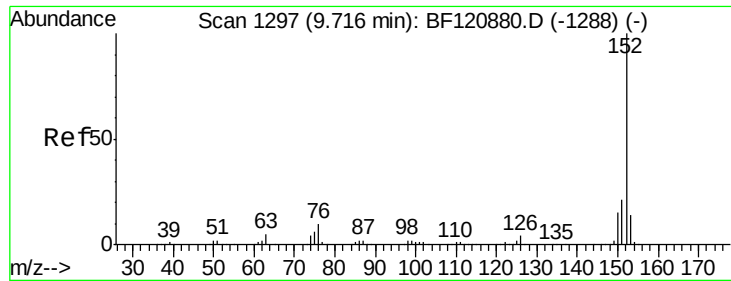
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#48
 2-Nitroaniline
 Concen: 39.418 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	254166		
92	73.9	57.0	85.4	
138	125.0	90.4	135.6	





#49

Acenaphthylene

Concen: 39.417 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

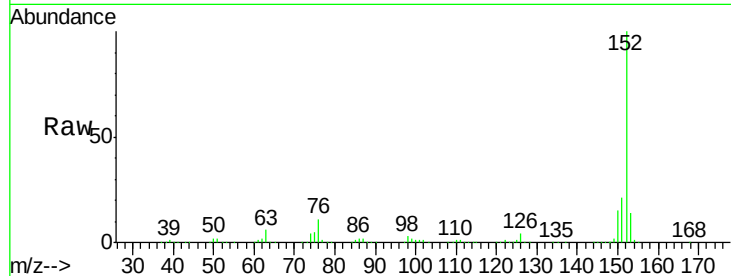
ClientSampleId :

PB130359BSD

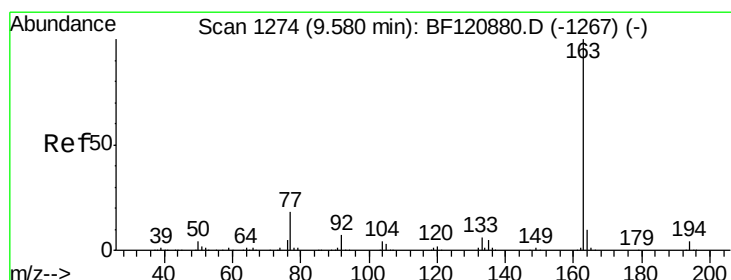
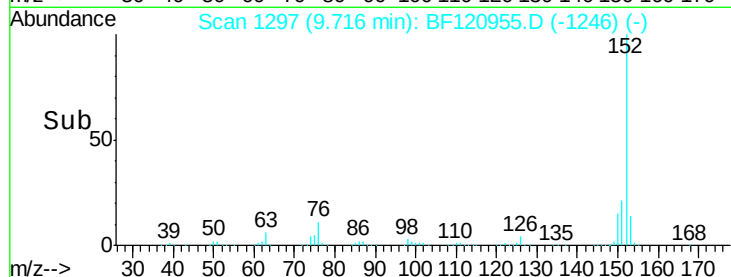
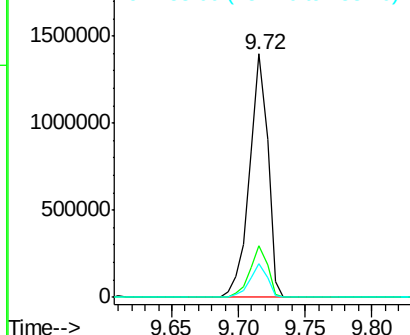
Tot Ion:	152	Resp:	1306531
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.6	25.0
153	13.8	10.9	16.3

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



#50

Dimethylphthalate

Concen: 39.626 ng

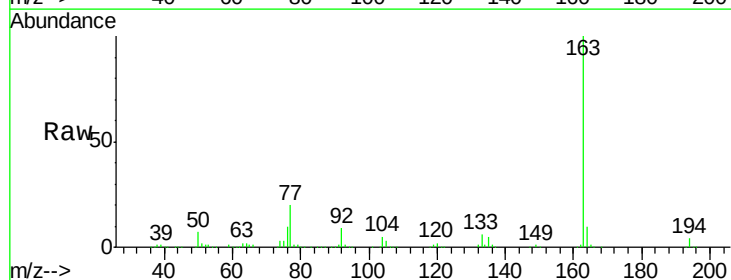
RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

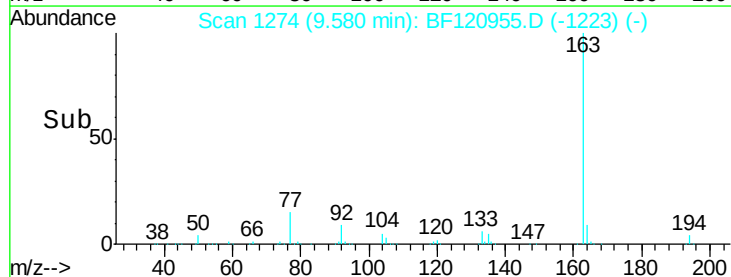
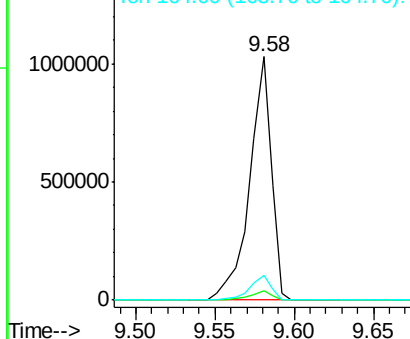
Lab File: BF120955.D

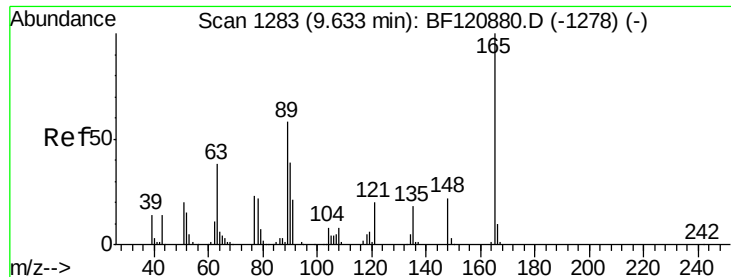
Acq: 21 Jul 2020 15:43

Tgt Ion:	163	Resp:	980772
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.3	7.9	11.9



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





#51

2,6-Dinitrotoluene

Concen: 41.847 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

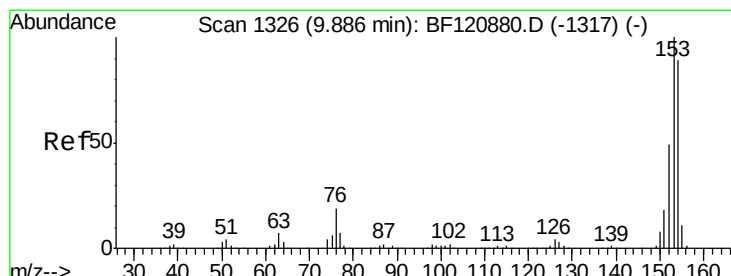
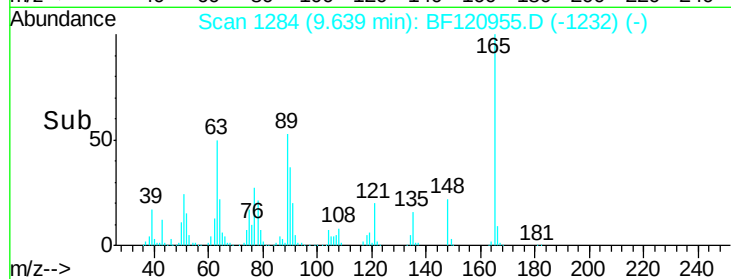
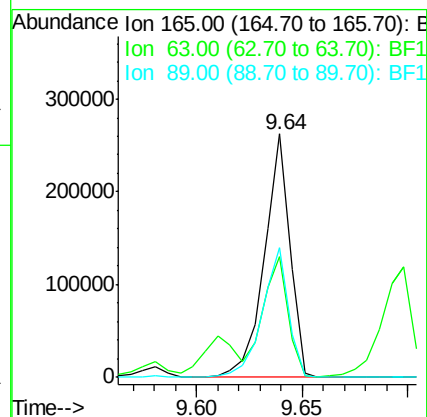
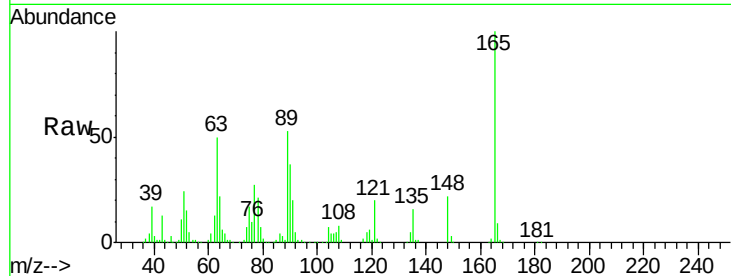
ClientSampleId :

PB130359BSD

Tot Ion:	165	Resp:	222517
Ion Ratio	Lower	Upper	
165	100		
63	49.5	45.4	68.2
89	53.4	47.0	70.4

Manual Integrations
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#52

Acenaphthene

Concen: 41.989 ng m

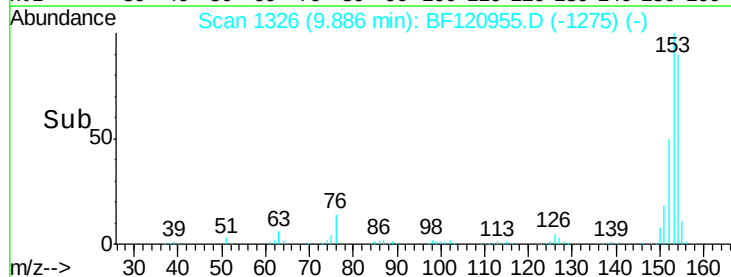
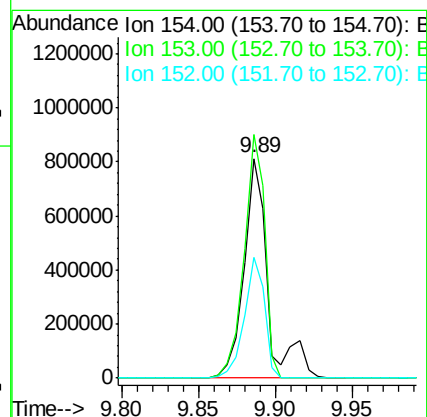
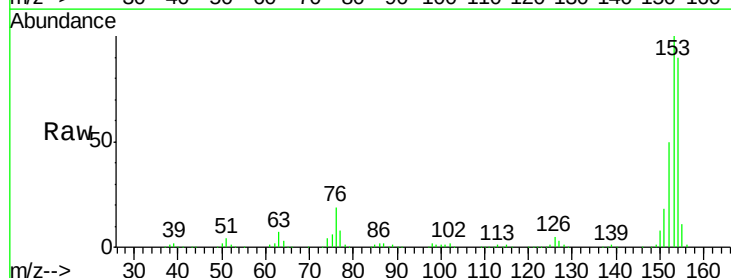
RT: 9.89 min Scan# 1326

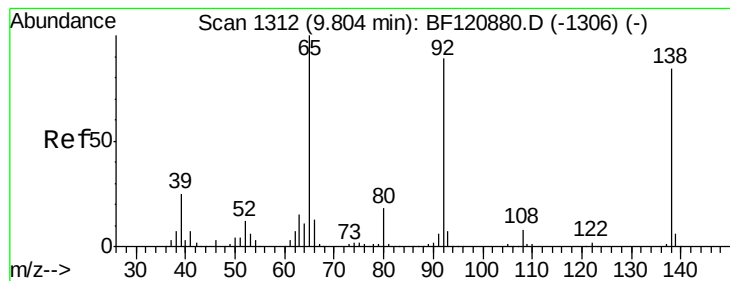
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	154	Resp:	884854
Ion Ratio	Lower	Upper	
154	100		
153	110.8	89.5	134.3
152	55.0	44.2	66.2





#53

3-Nitroaniline

Concen: 24.378 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

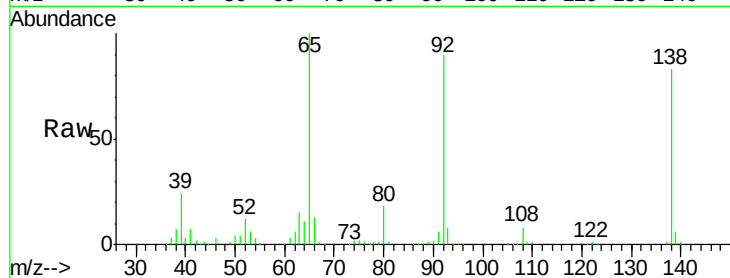
ClientSampleId :

PB130359BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	108.6	85.3	127.9

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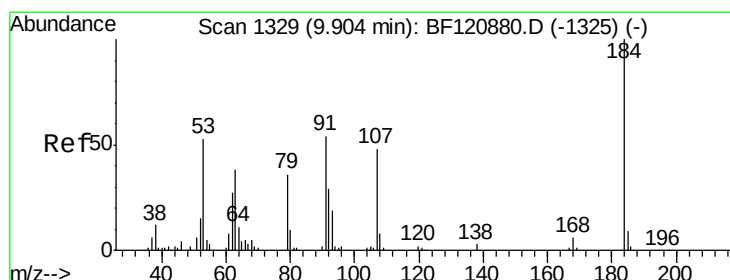
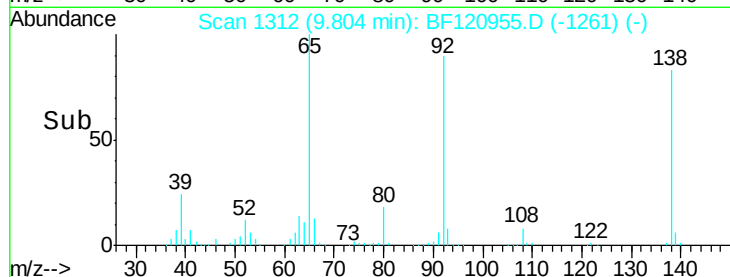
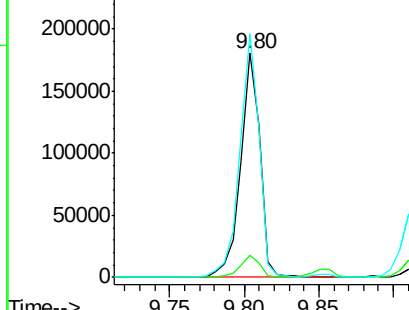
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 70.619 ng

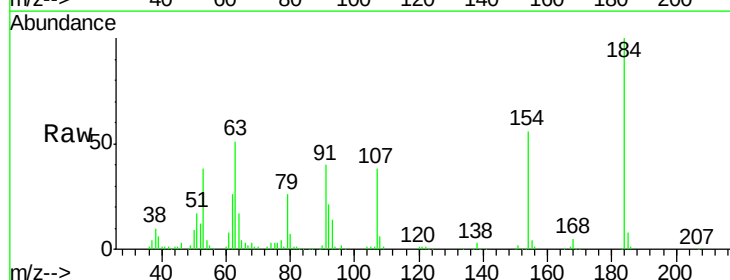
RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

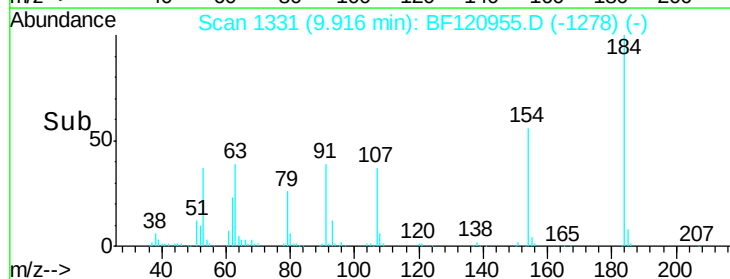
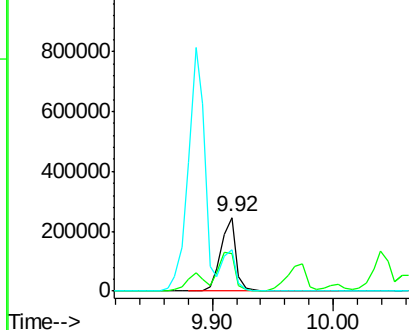
Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.7	57.9	86.9#
154	56.0	52.6	78.8

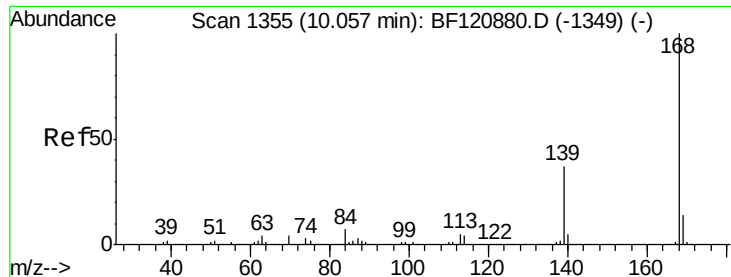


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





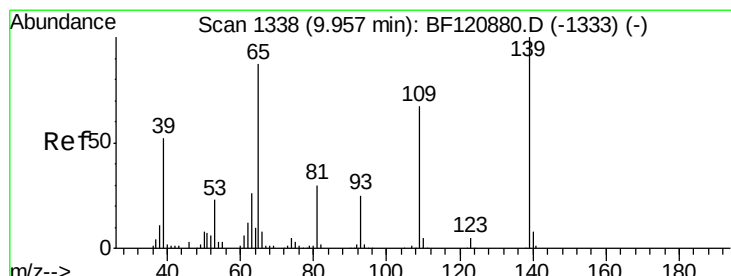
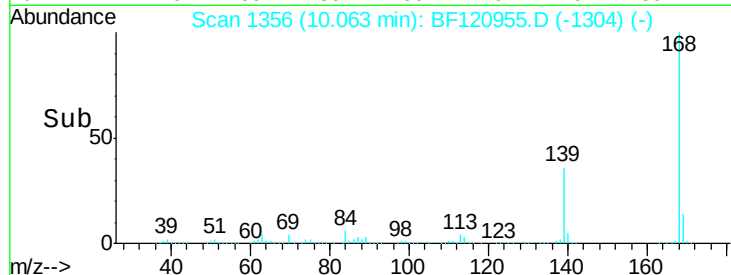
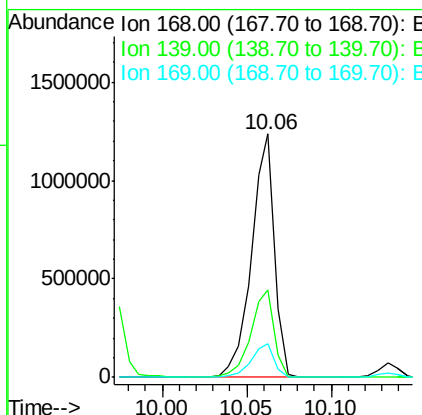
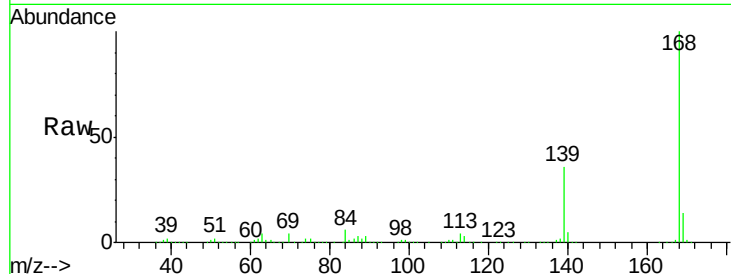
#55
Dibenzofuran
Concen: 38.430 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.7	44.5
169	13.7	11.1	16.7

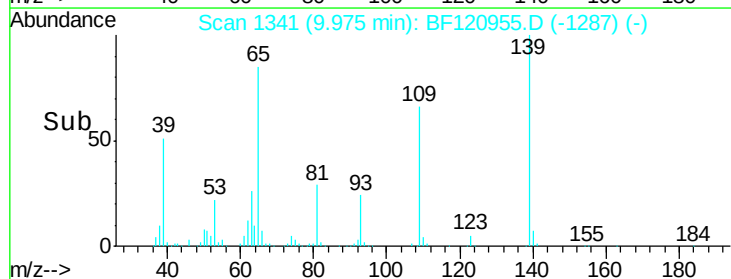
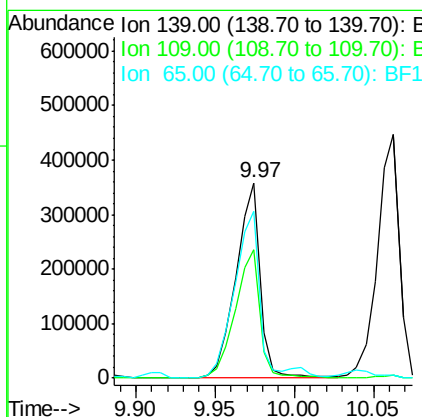
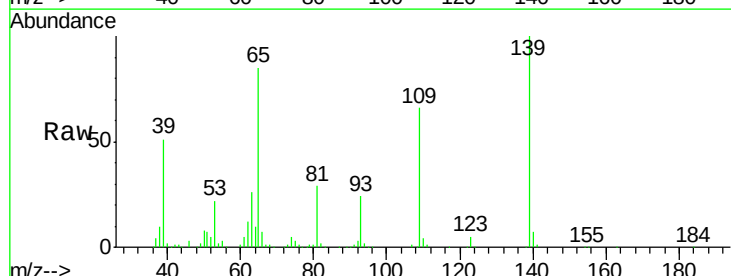
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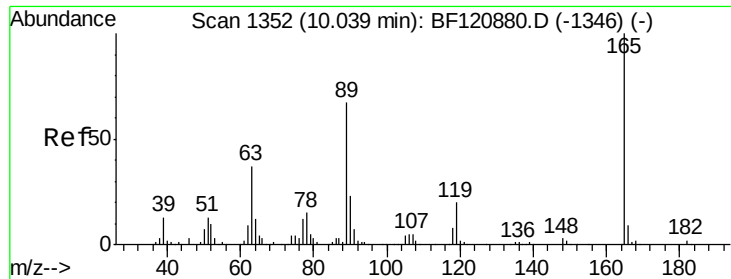
Sohil
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#56
4-Nitrophenol
Concen: 75.387 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.3	87.3
65	85.4	67.2	107.2





#57

2,4-Dinitrotoluene

Concen: 42.588 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

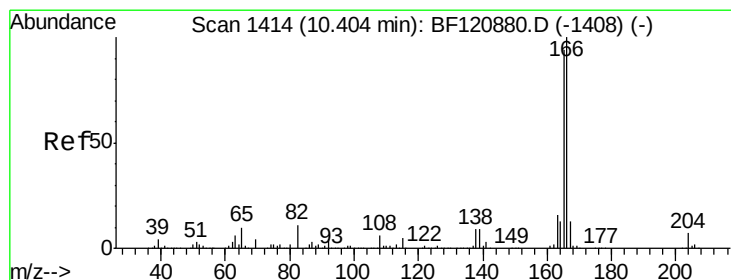
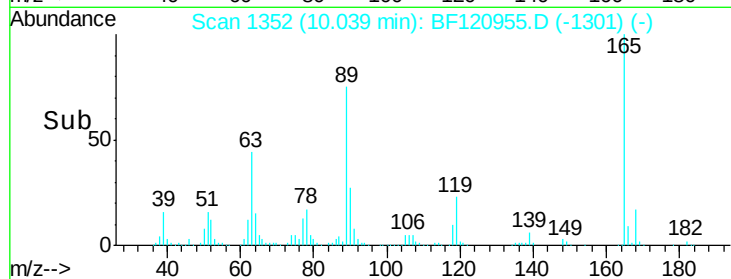
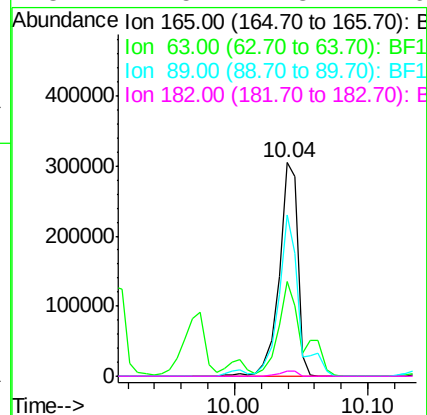
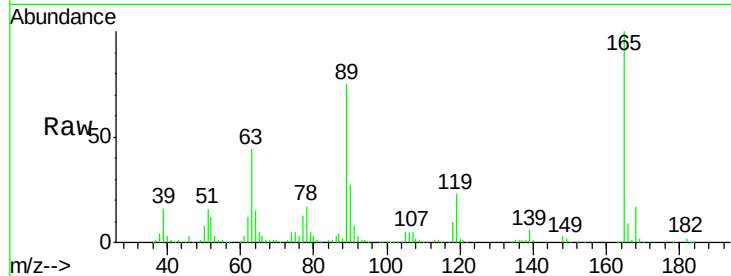
ClientSampleId :

PB130359BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		297390		
63	44.1		29.4	44.2	
89	75.3		53.4	80.0	
182	2.5		1.8	2.6	

Manual Integrations
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#58

Fluorene

Concen: 37.276 ng

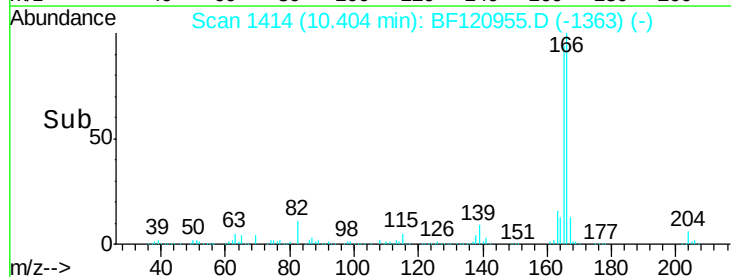
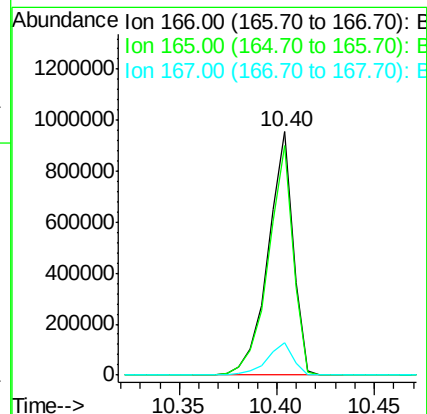
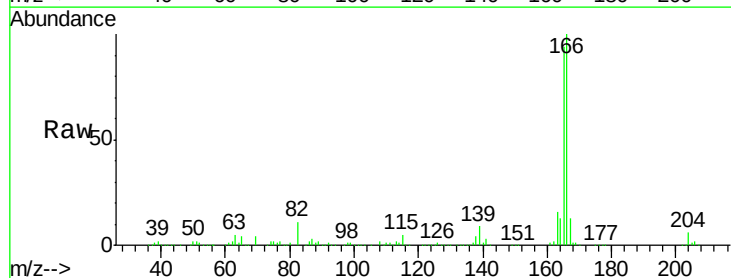
RT: 10.40 min Scan# 1414

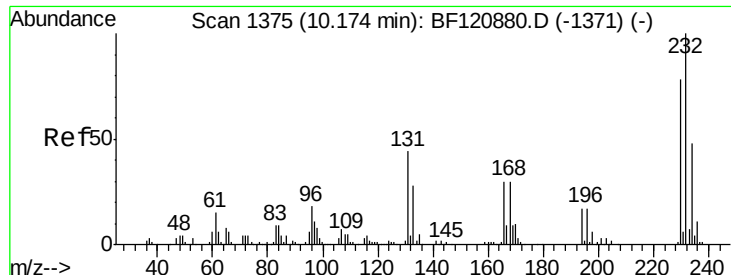
Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		847236		
165	94.1		75.4	113.0	
167	13.5		10.6	15.8	





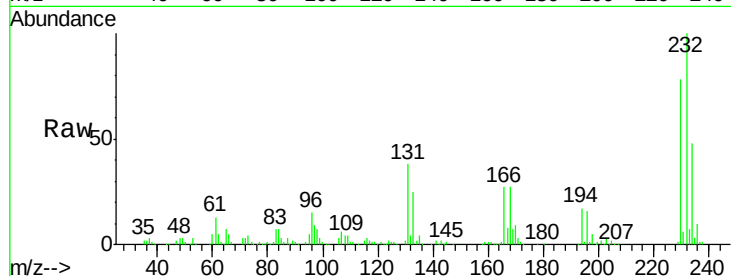
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.880 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampled :
PB130359BSD

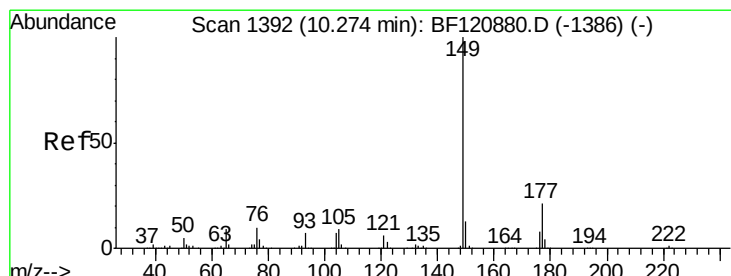
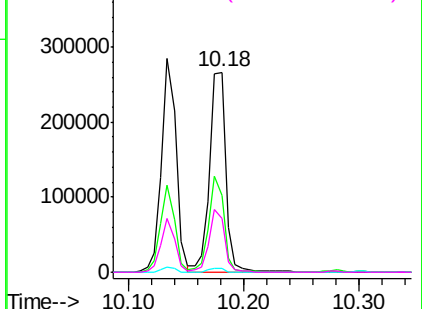
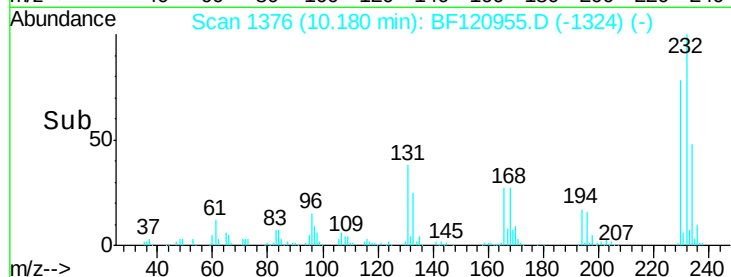
Tot Ion	Ratio	Resp	Lower	Upper
232	100	260638		
131	44.8		37.1	55.7
130	2.2		1.7	2.5
166	30.0		24.2	36.4

Manual Integrations
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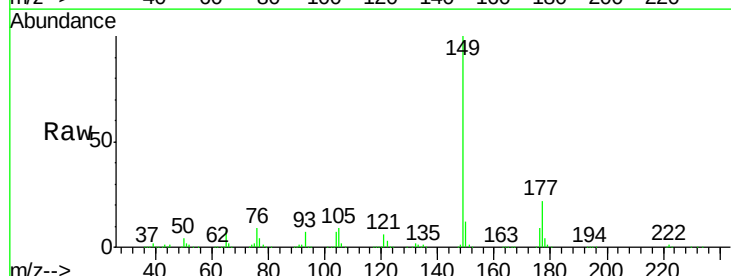


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

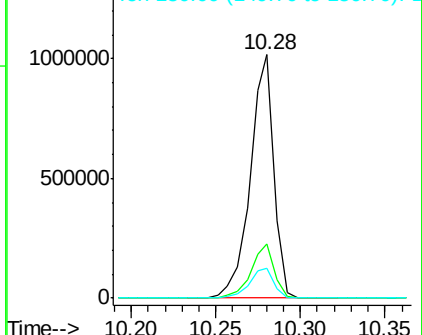
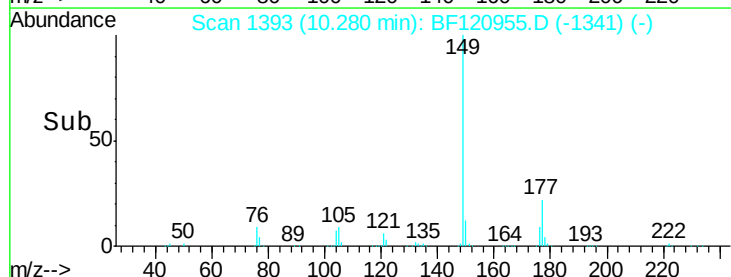


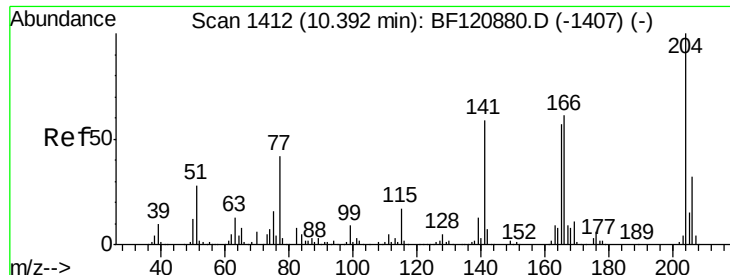
#60
Diethylphthalate
Concen: 39.534 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	989718		
177	22.3		17.1	25.7
150	12.5		10.3	15.5



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





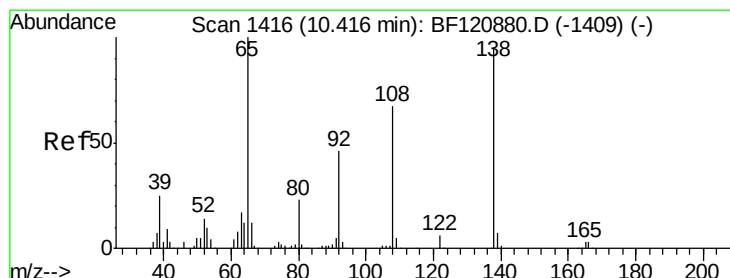
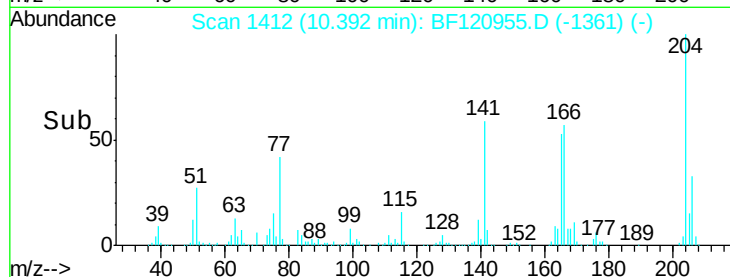
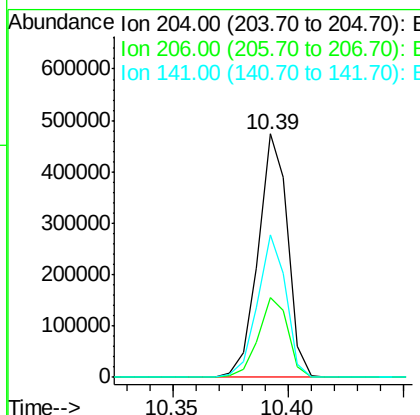
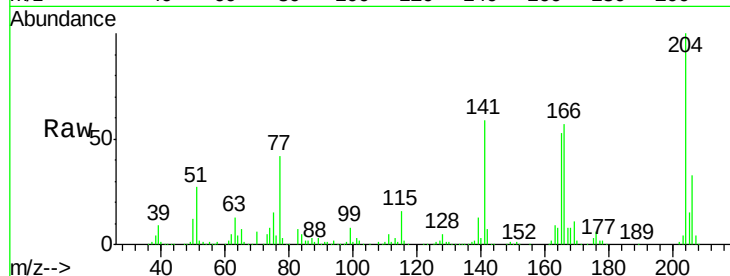
#61
4-Chlorophenyl-phenylether
Concen: 34.816 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	58.7	47.2	70.8

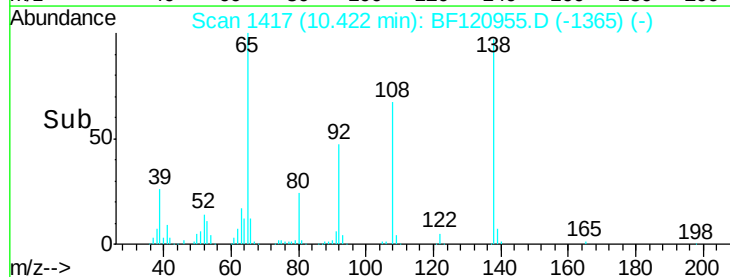
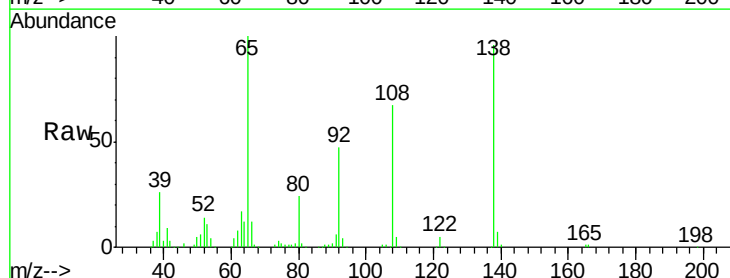
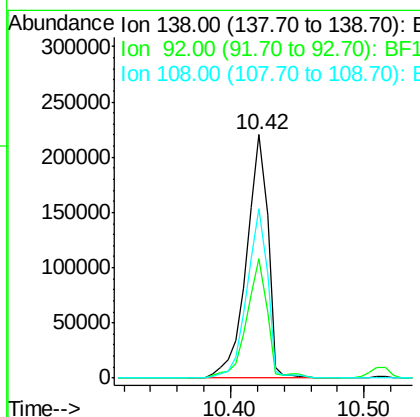
Manual Integrations
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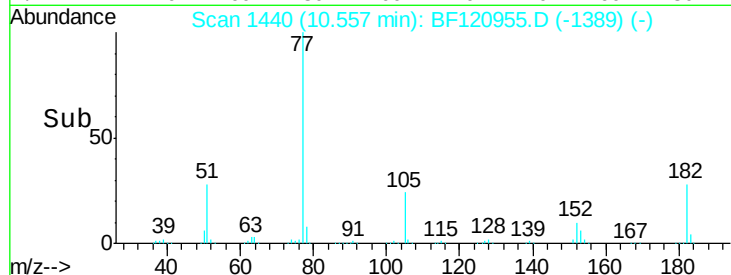
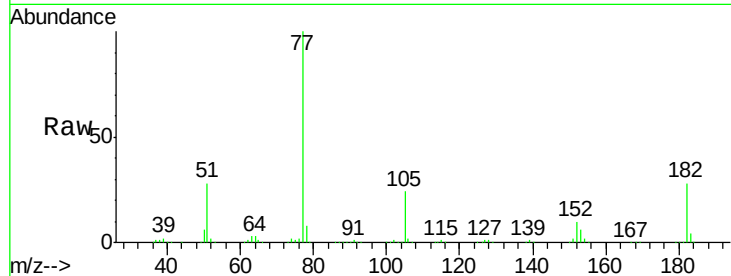
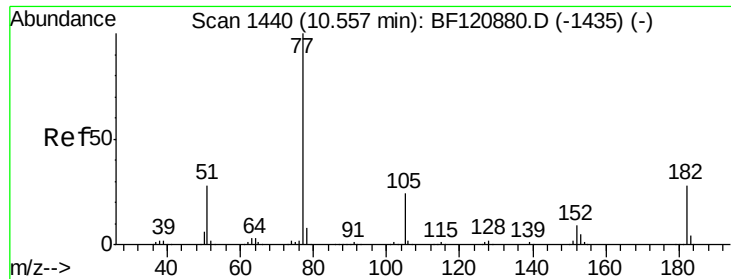
Sohil
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#62
4-Nitroaniline
Concen: 37.439 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.6	68.6
108	69.8	51.1	91.1





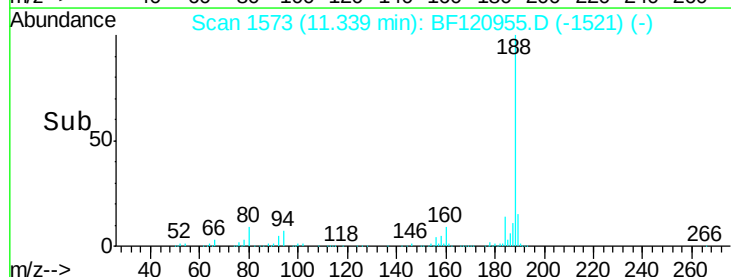
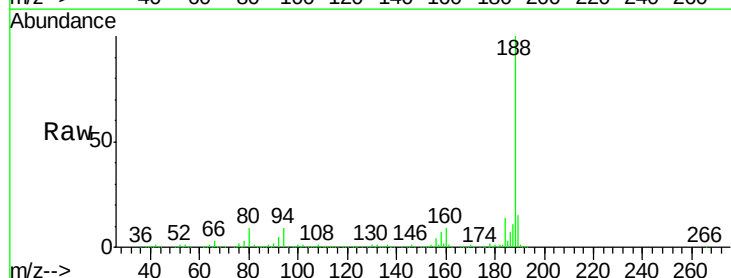
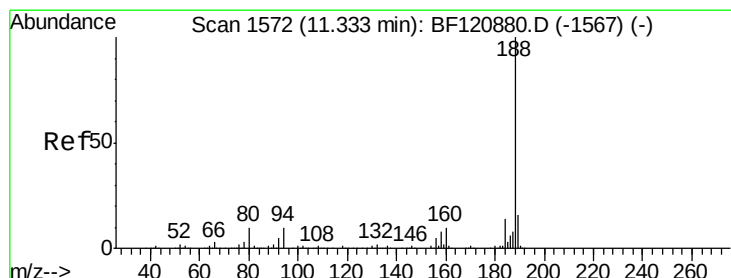
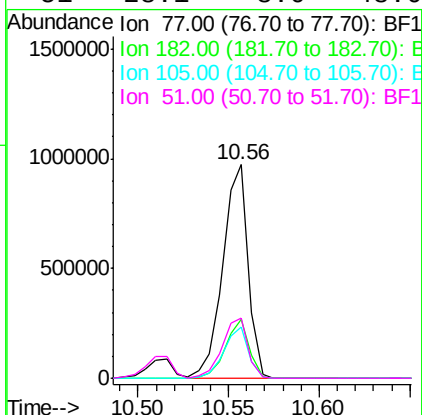
#63
Azobenzene
Concen: 39.423 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.8	47.8
105	24.2	4.4	44.4
51	28.1	8.0	48.0

Instrument :
BNA_F
ClientSampled :
PB130359BSD

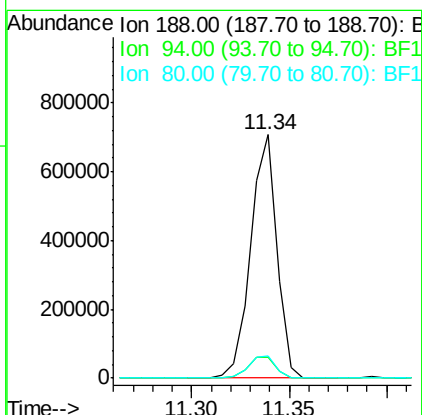
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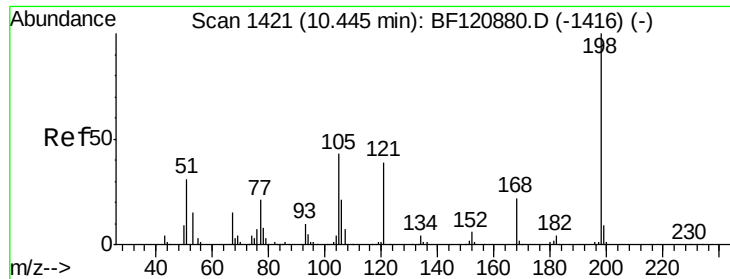
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.1	8.3	12.5





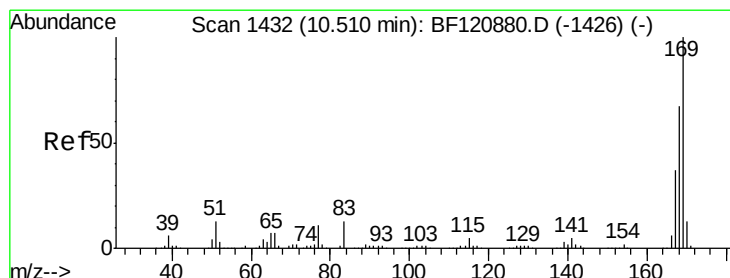
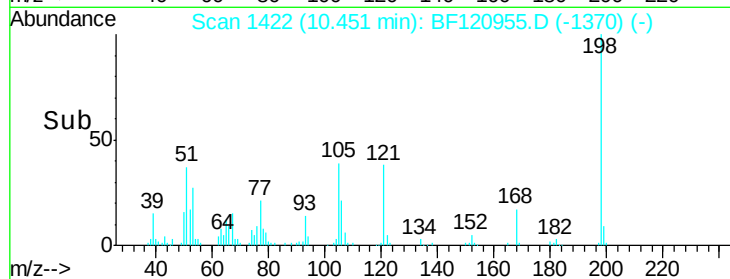
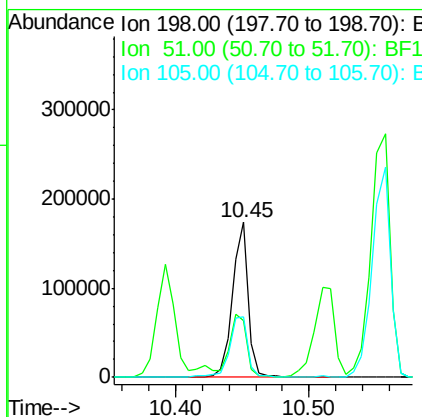
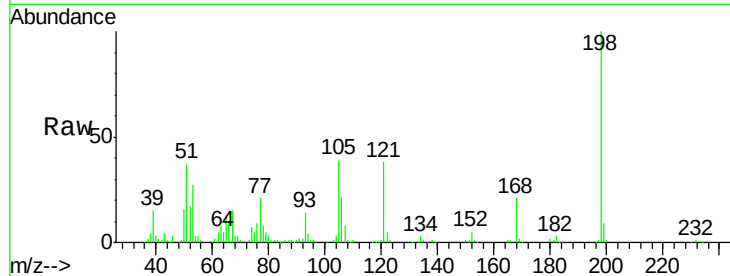
#65
4,6-Dinitro-2-methylphenol
Concen: 39.012 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	145054		
51	36.6	19.5	59.5	
105	38.9	24.4	64.4	

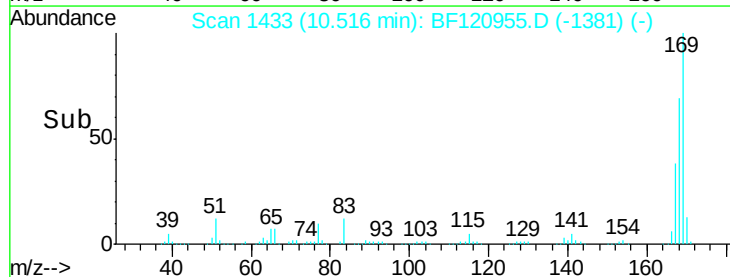
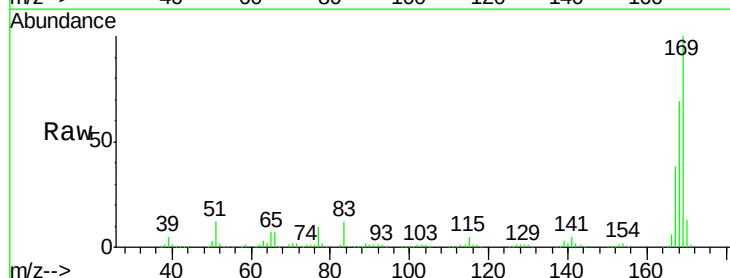
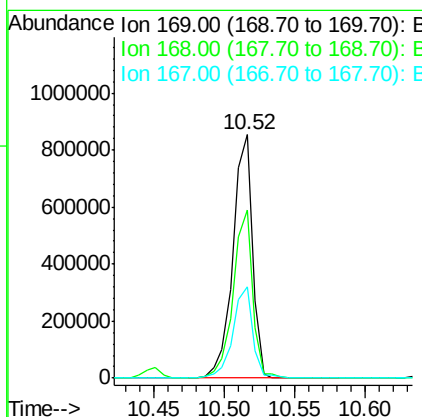
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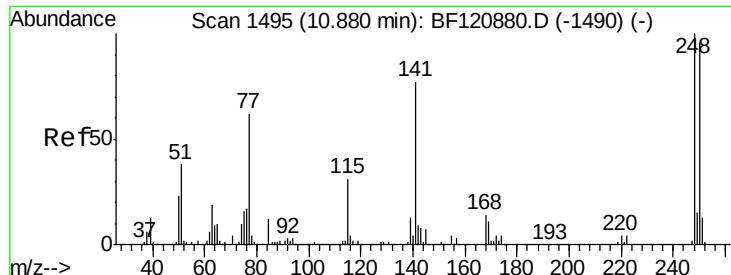
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#66
n-Nitrosodiphenylamine
Concen: 39.976 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	824440		
168	68.8	53.4	80.0	
167	37.6	29.4	44.0	





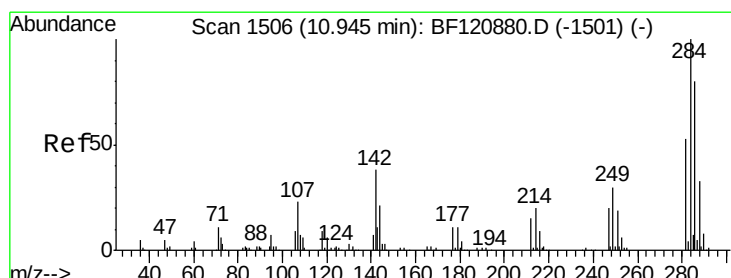
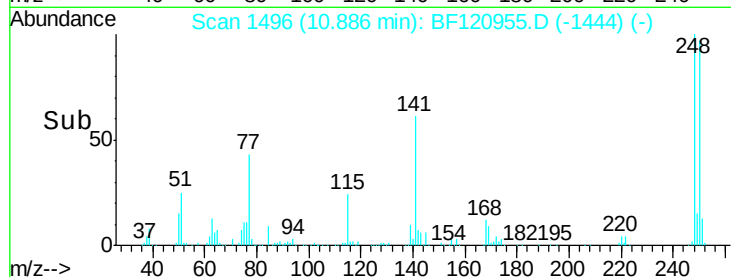
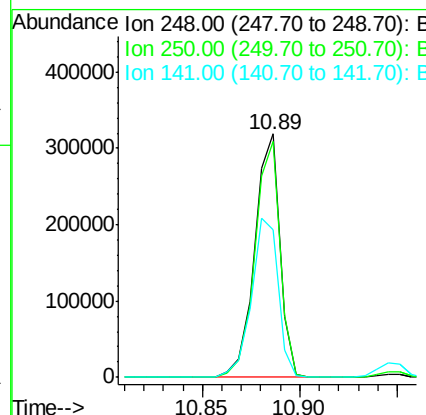
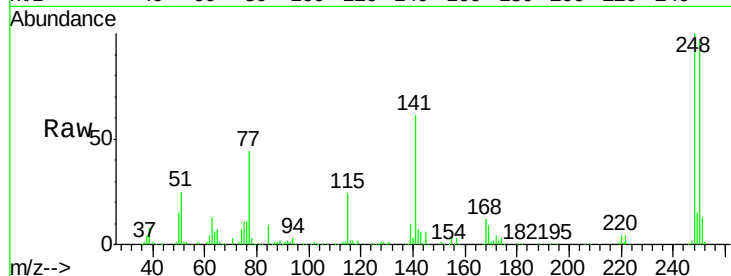
#67
 4-Bromophenyl-phenylether
 Concen: 39.029 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	60.7	61.2	91.8#

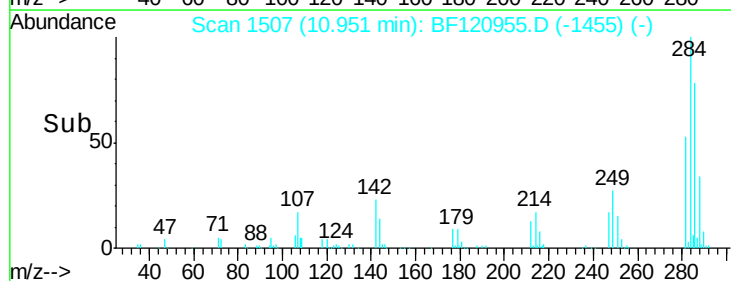
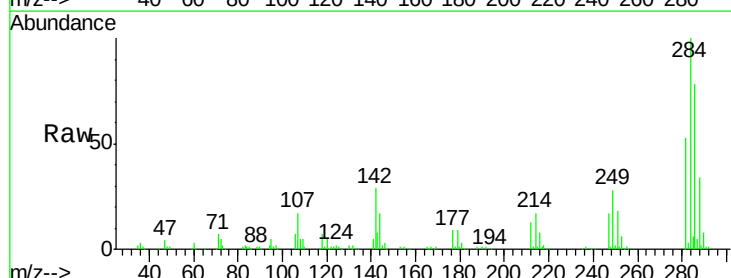
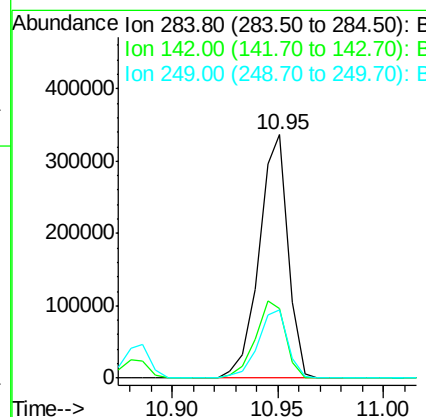
Manual Integrations
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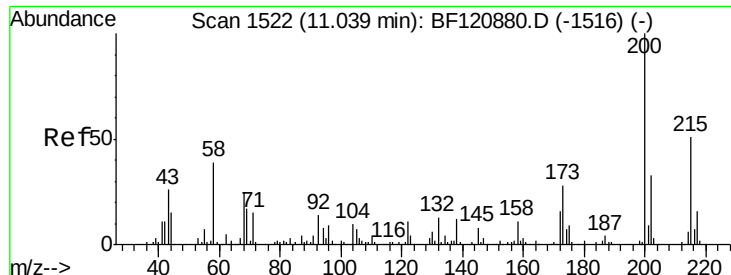
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#68
 Hexachlorobenzene
 Concen: 40.512 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	30.2	45.2#
249	28.3	24.2	36.2





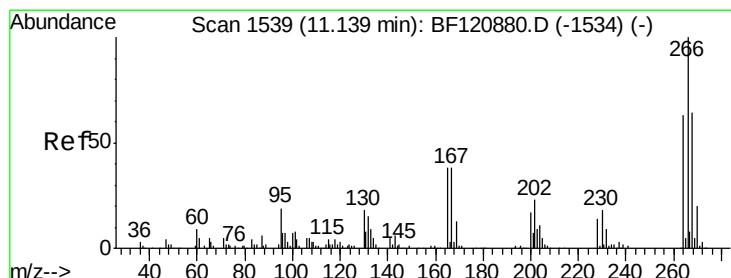
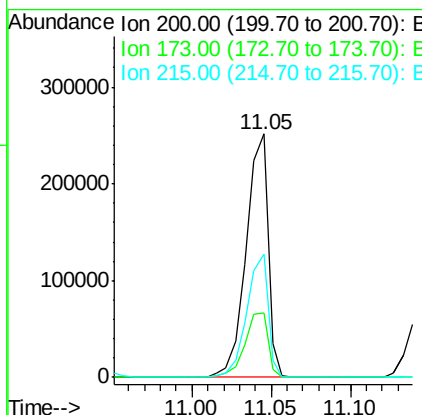
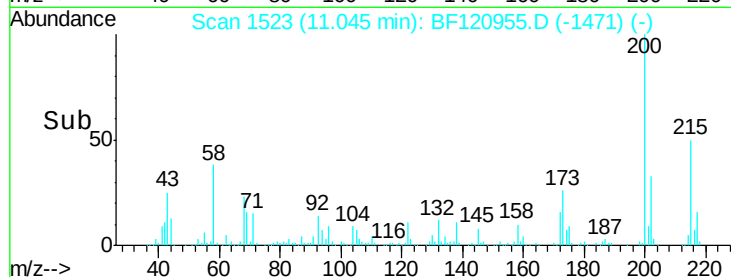
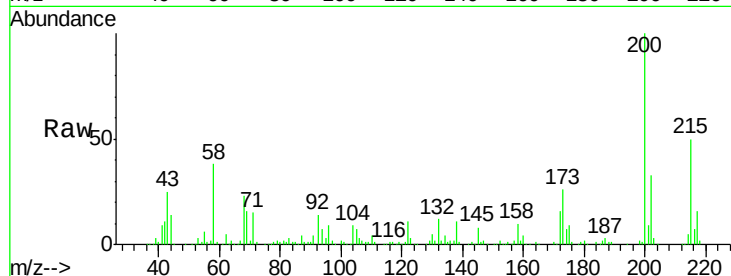
#69
Atrazine
Concen: 47.219 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.0	48.0
215	50.5	31.5	71.5

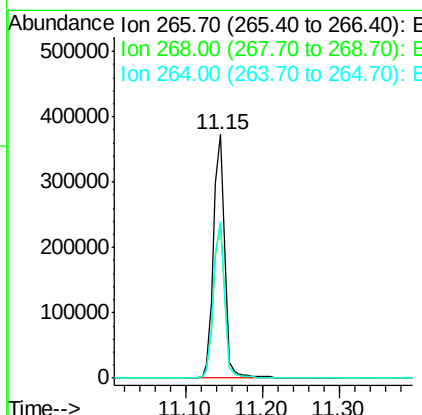
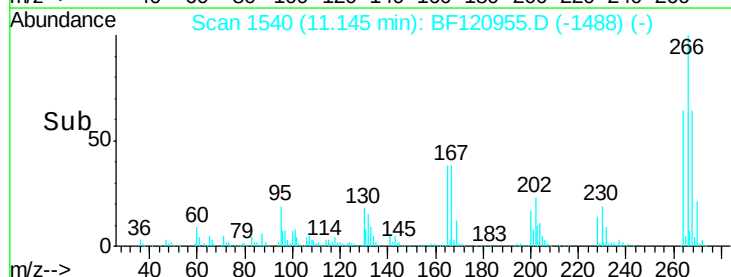
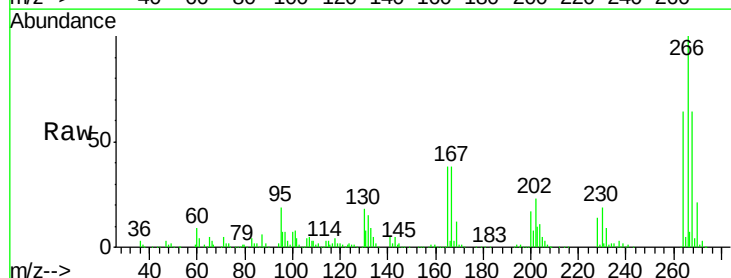
Manual Integrations
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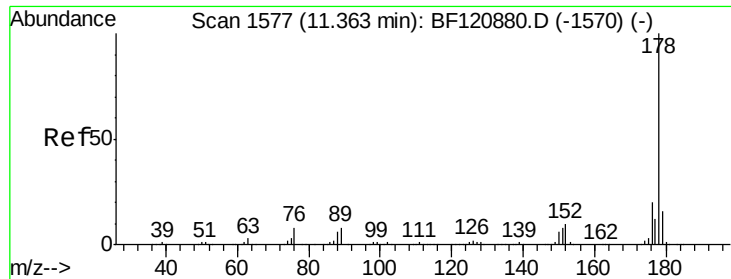
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#70
Pentachlorophenol
Concen: 81.697 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	64.1	50.2	75.2





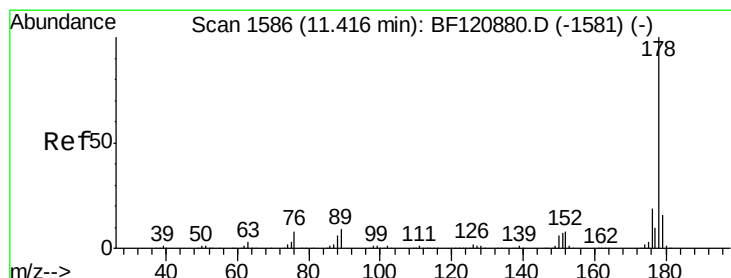
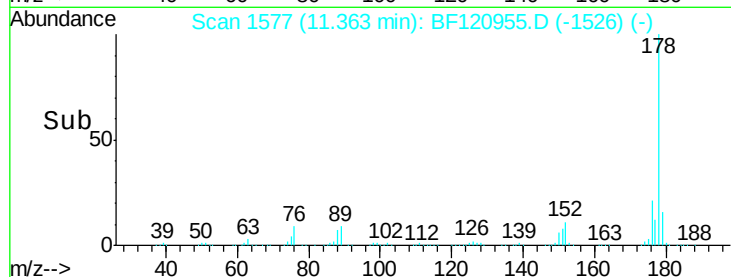
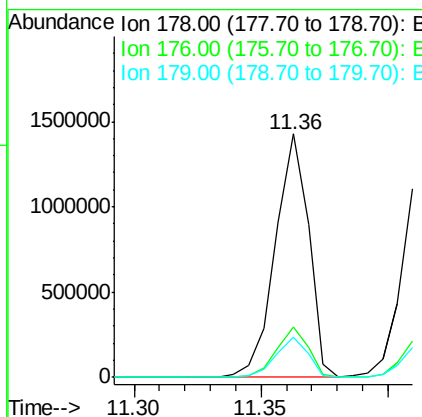
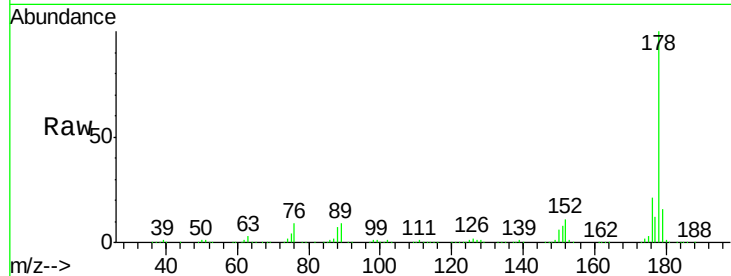
#71
 Phenanthrene
 Concen: 38.623 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion:178 Resp: 1302250
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 16.3 12.8 19.2

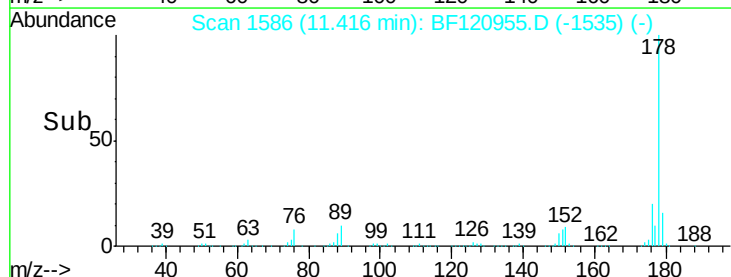
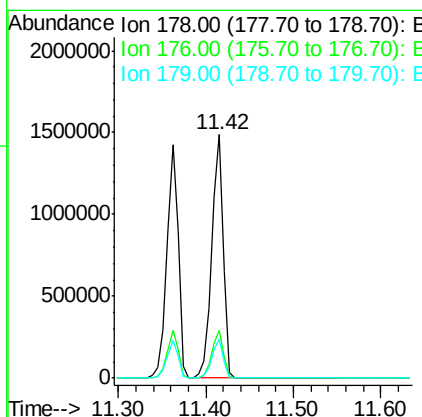
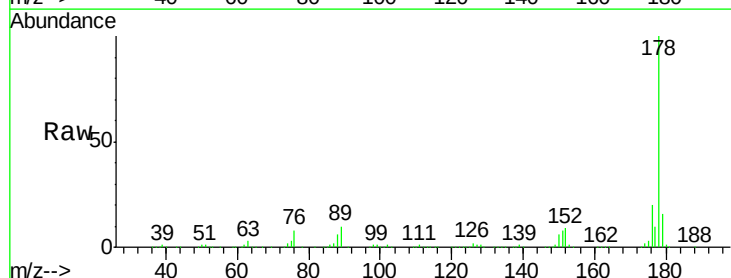
Manual Integrations
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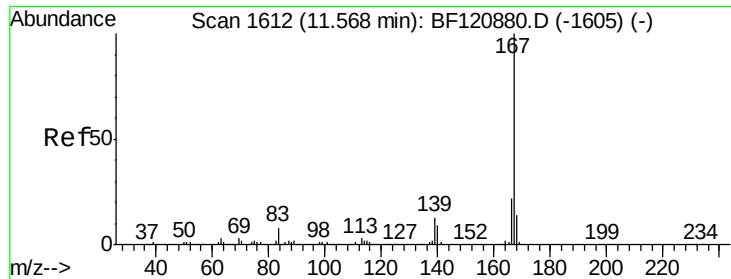
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#72
 Anthracene
 Concen: 40.388 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion:178 Resp: 1367402
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 37.729 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

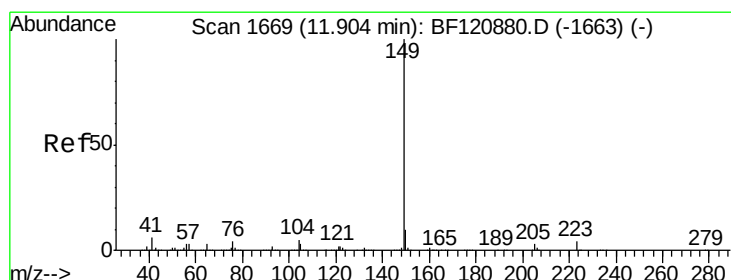
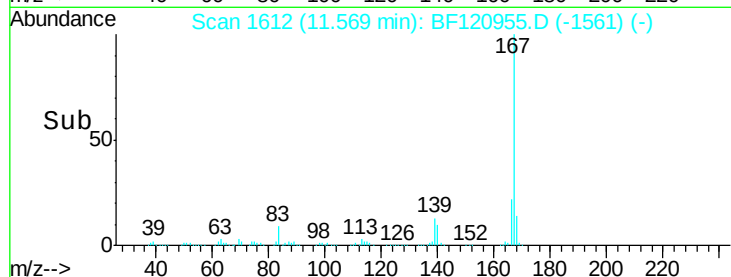
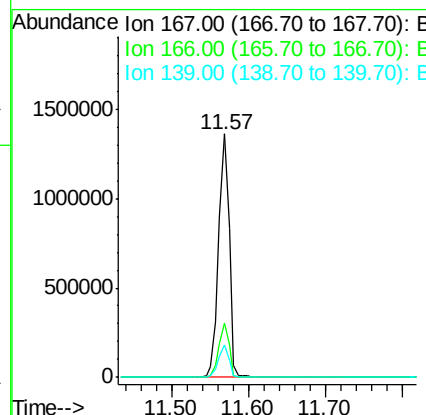
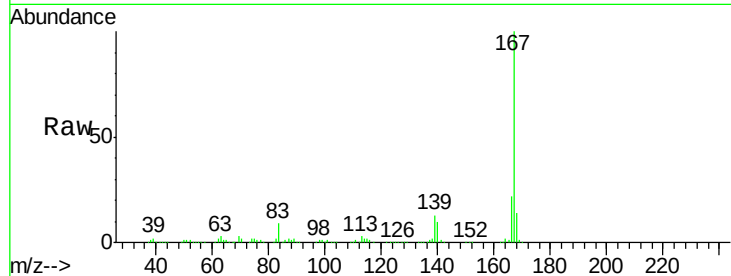
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion:167 Resp: 1267679

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.1	10.1	15.1

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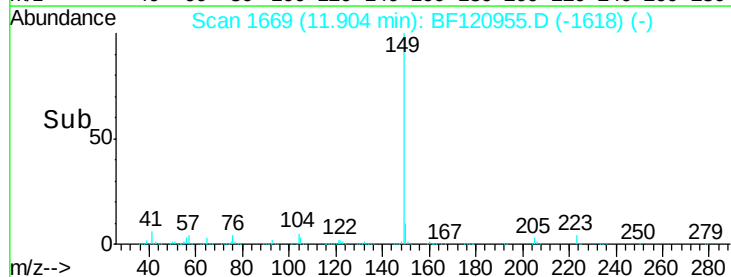
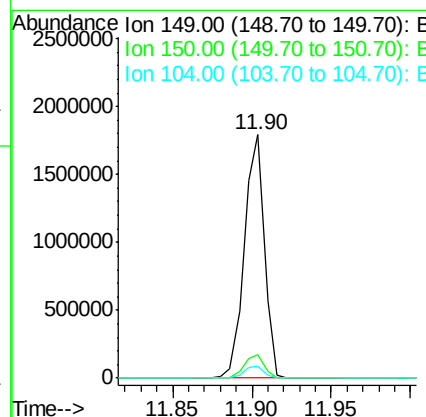
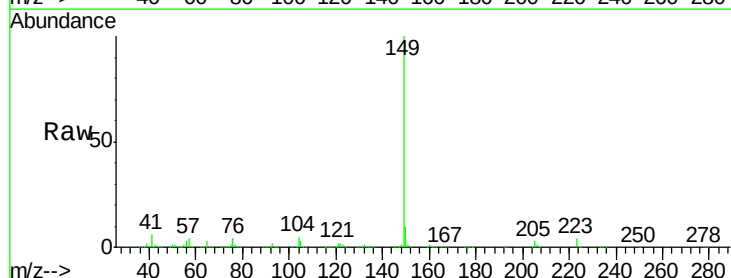
Sohil
 7/24/2020 12:09:44 PM

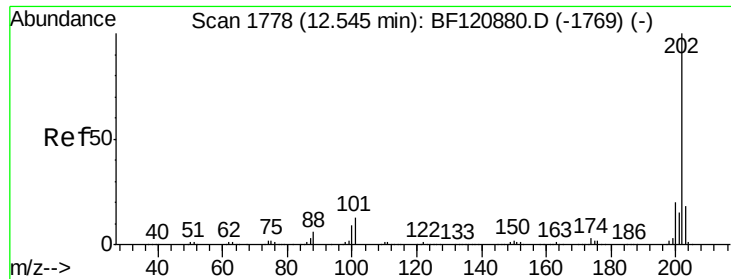


#74
 Di-n-butylphthalate
 Concen: 40.228 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion:149 Resp: 1559780

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.6





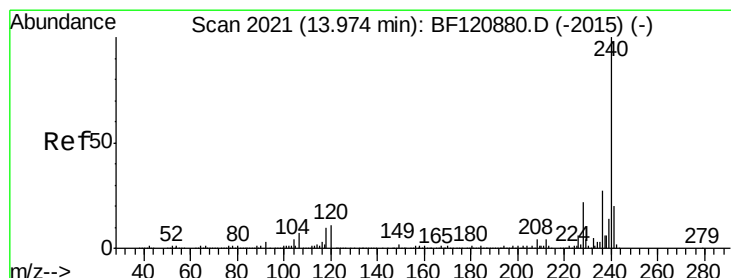
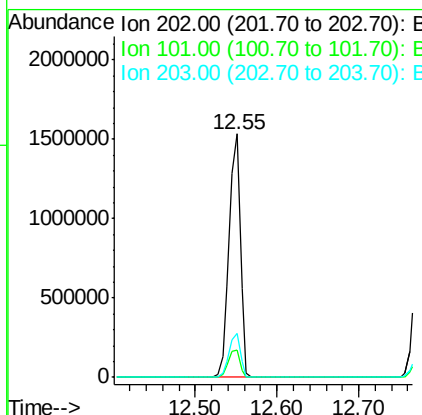
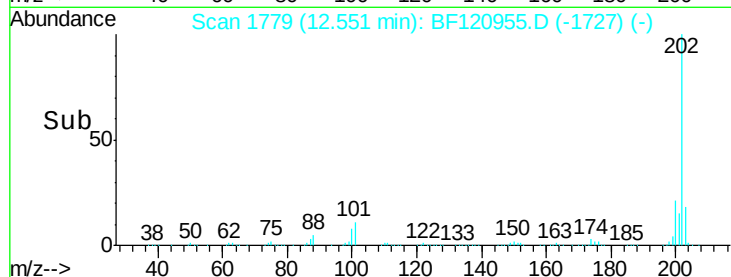
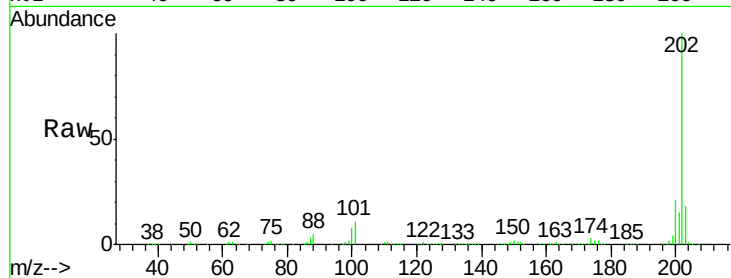
#75
Fluoranthene
Concen: 39.337 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.7
203	18.2	0.0	38.0

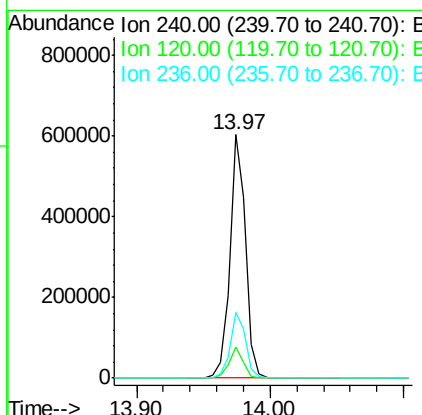
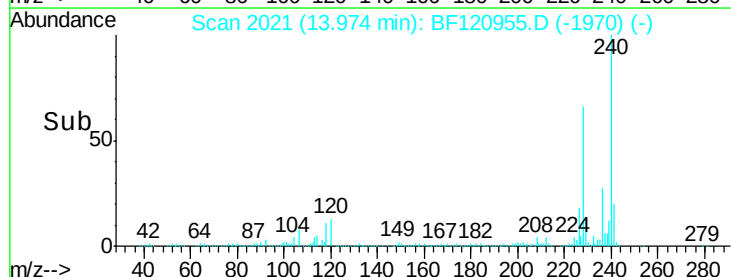
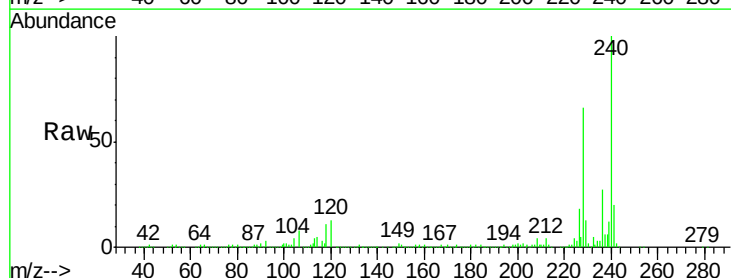
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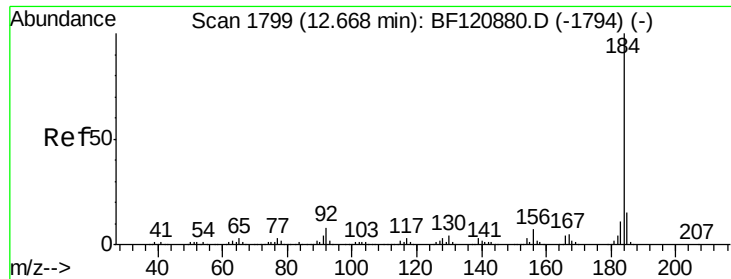
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.4
236	26.9	21.7	32.5





#77

Benzidine

Concen: 68.040 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

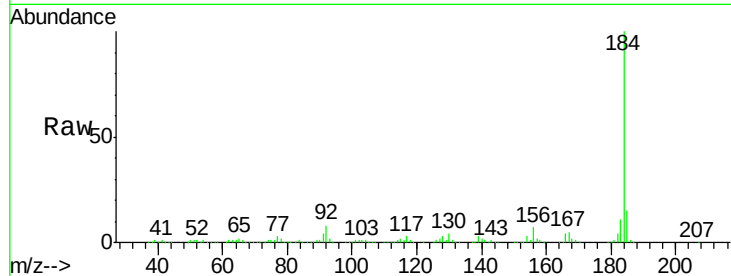
ClientSampleId :

PB130359BSD

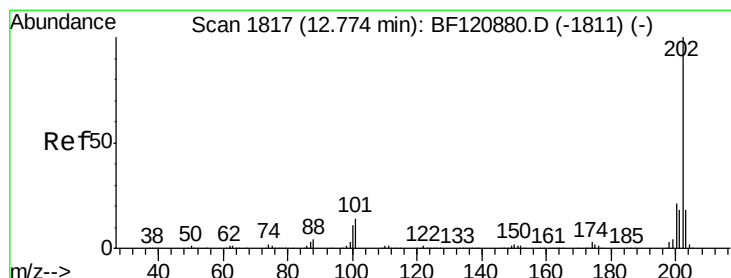
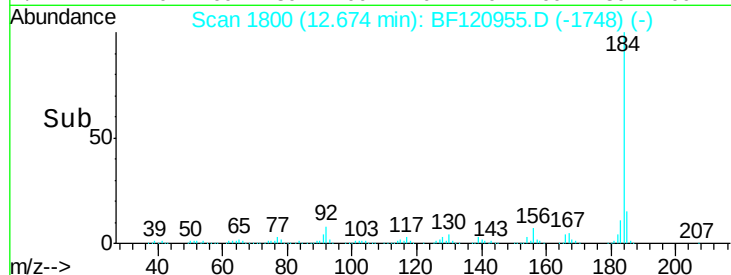
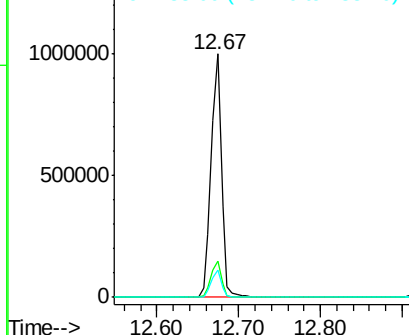
Tot Ion:	184	Resp:	888417
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.1	8.5	12.7

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



#78

Pyrene

Concen: 42.588 ng

RT: 12.78 min Scan# 1818

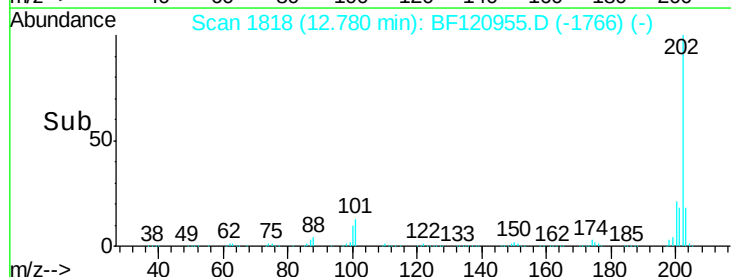
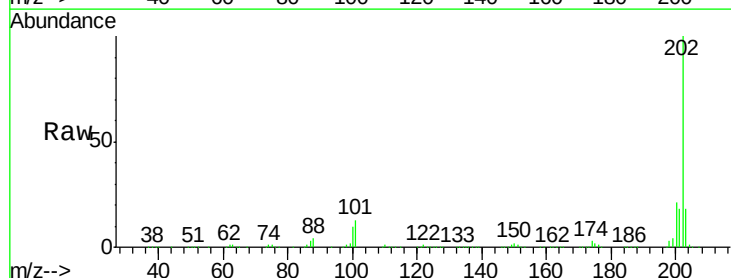
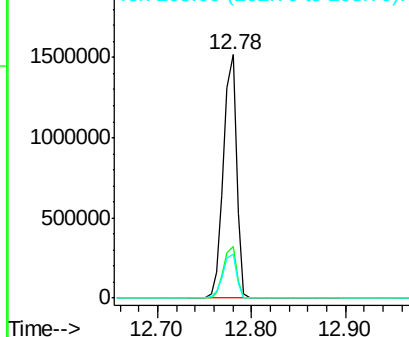
Delta R.T. 0.01 min

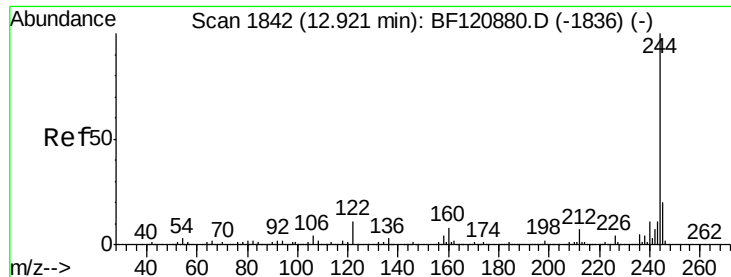
Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Tgt Ion:	202	Resp:	1495343
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.3	14.4	21.6

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





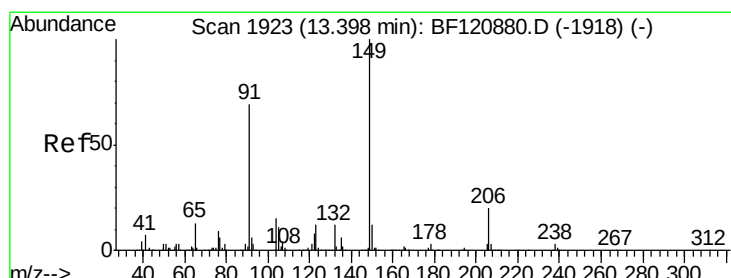
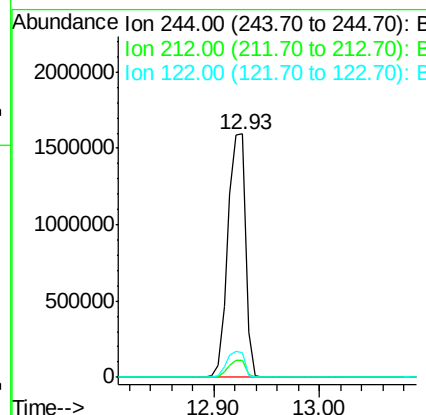
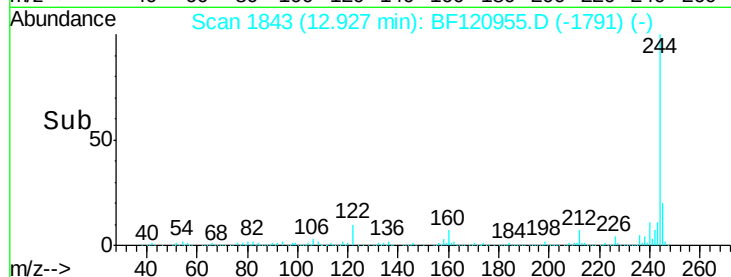
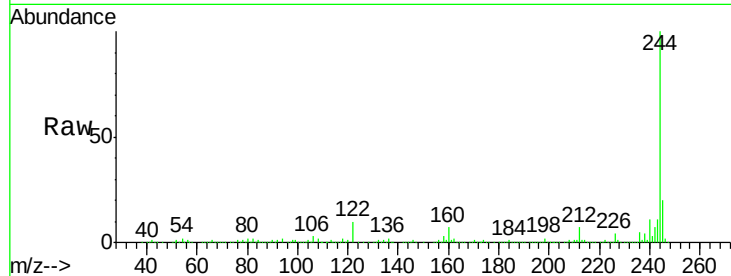
#79
 Terphenyl-d14
 Concen: 81.328 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion:244 Resp: 1858034
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 8.9 13.3

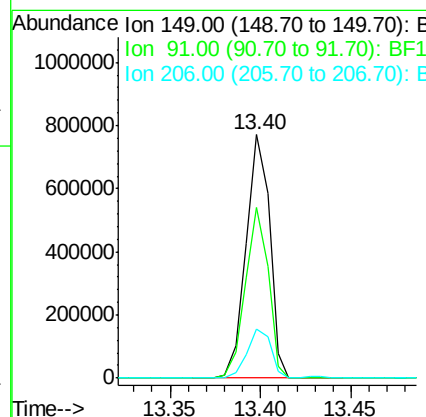
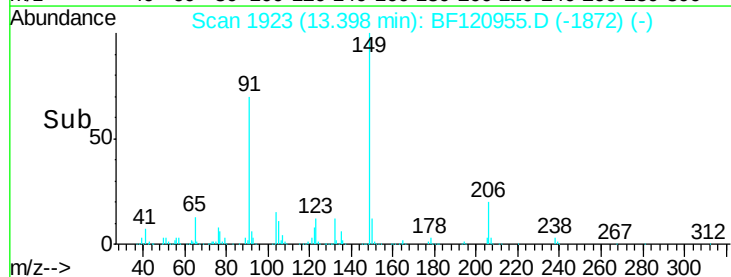
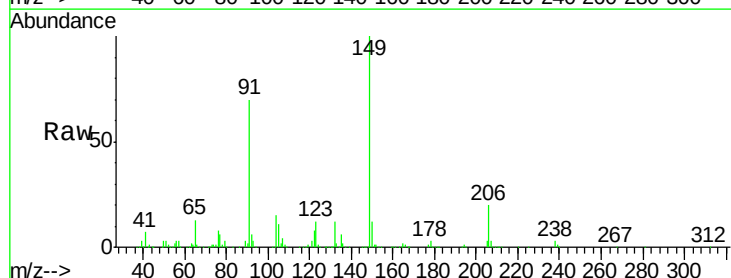
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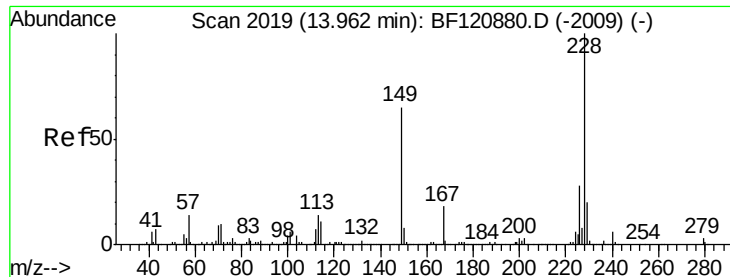
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#80
 Butylbenzylphthalate
 Concen: 44.713 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion:149 Resp: 699864
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.1 82.7
 206 20.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.027 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB130359BSD

Tot Ion:228 Resp: 1173658

Ion Ratio Lower Upper

228 100

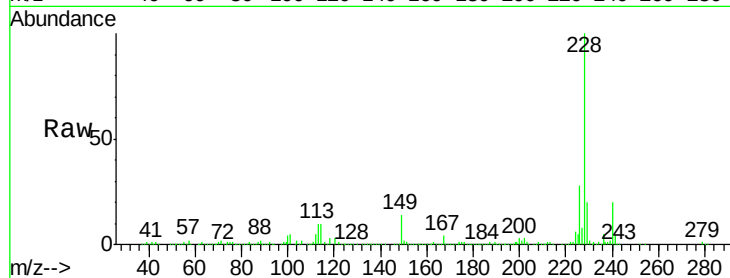
226 28.4 22.3 33.5

229 20.1 16.1 24.1

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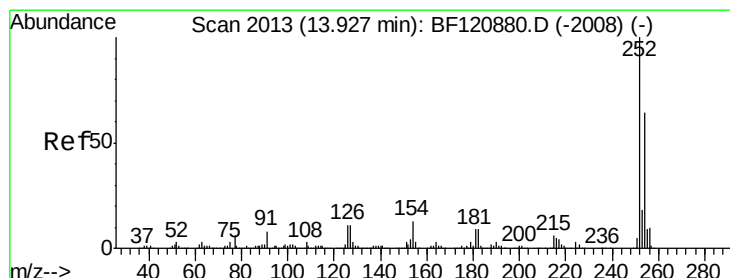
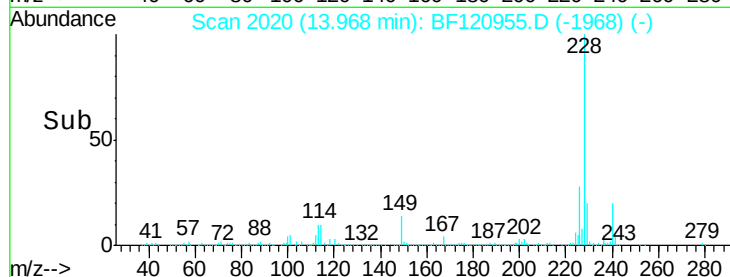
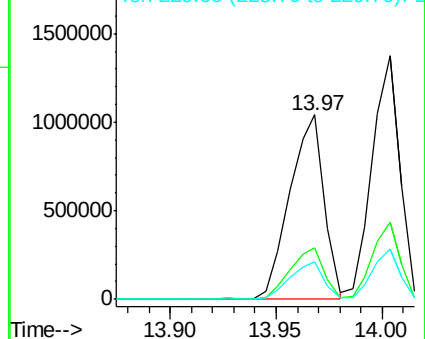
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.624 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120955.D

Acq: 21 Jul 2020 15:43

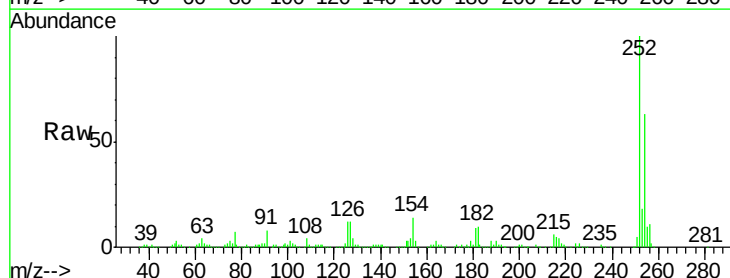
Tgt Ion:252 Resp: 392841

Ion Ratio Lower Upper

252 100

254 62.8 51.2 76.8

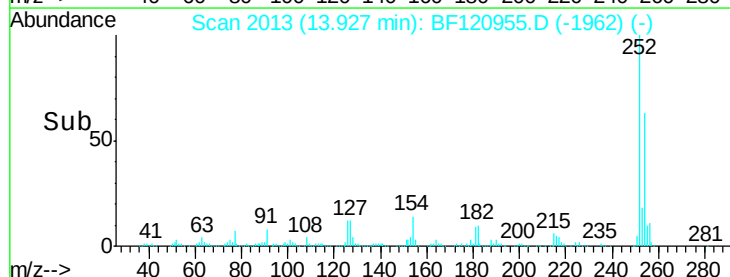
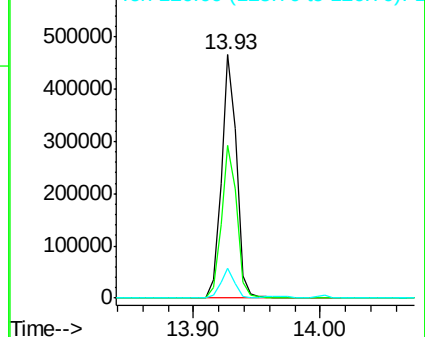
126 12.2 8.7 13.1

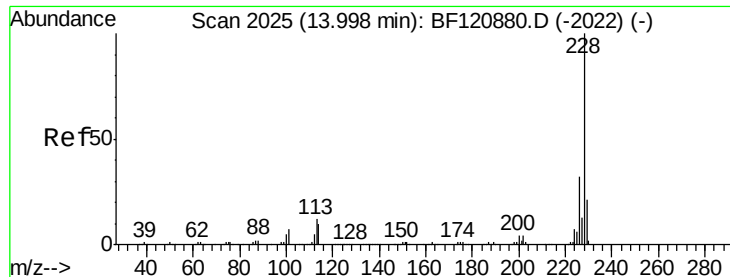


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





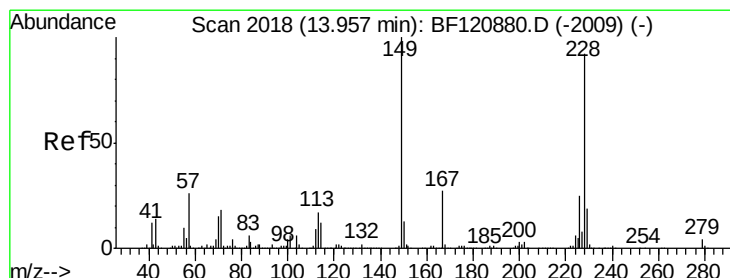
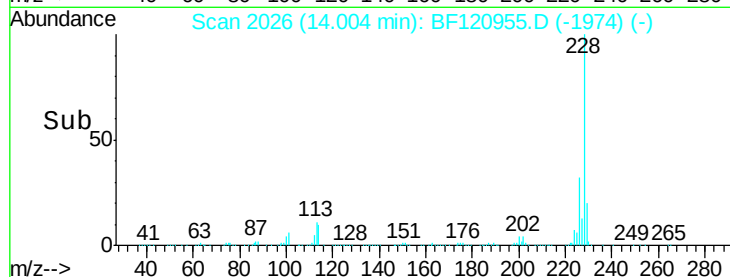
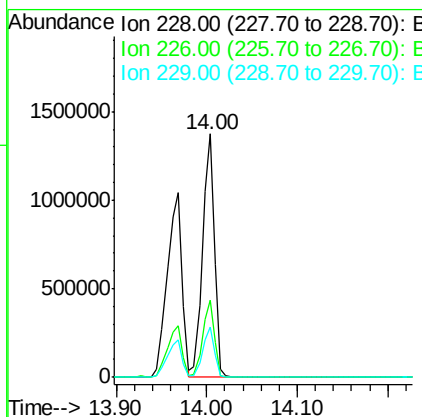
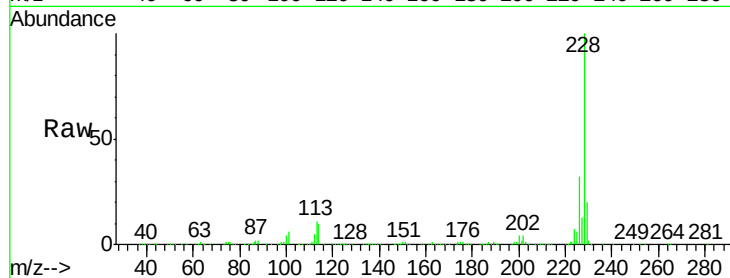
#83
 Chrysene
 Concen: 40.232 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BSD

Tot Ion:228 Resp: 1271477
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 20.4 16.8 25.2

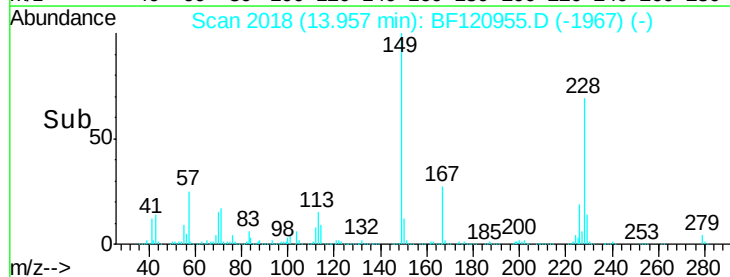
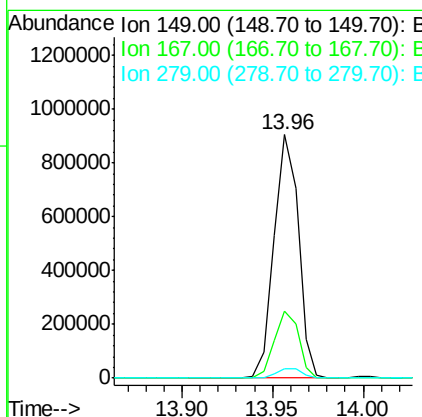
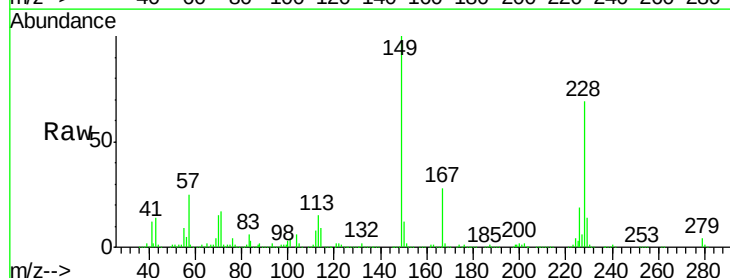
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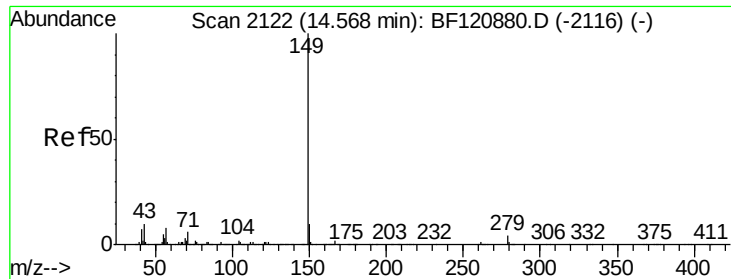
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.973 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120955.D
 Acq: 21 Jul 2020 15:43

Tgt Ion:149 Resp: 848738
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 4.1 3.0 4.4





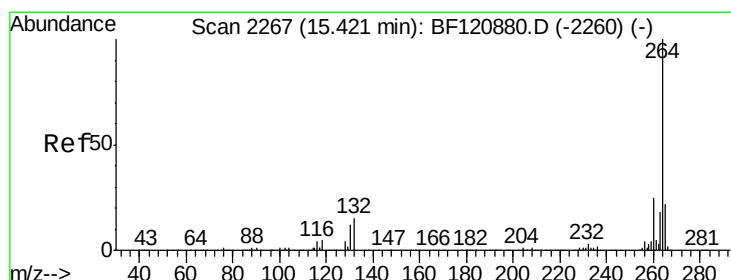
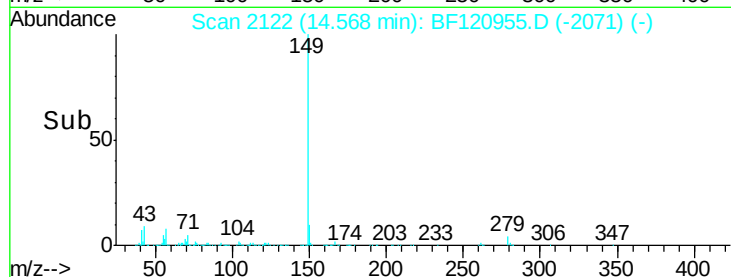
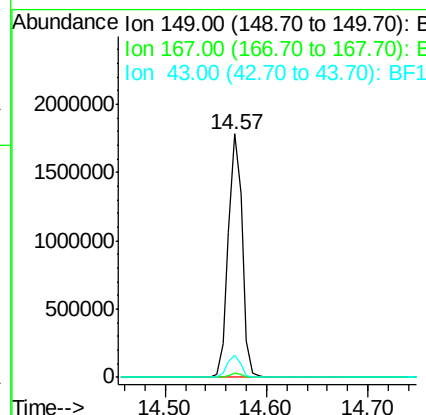
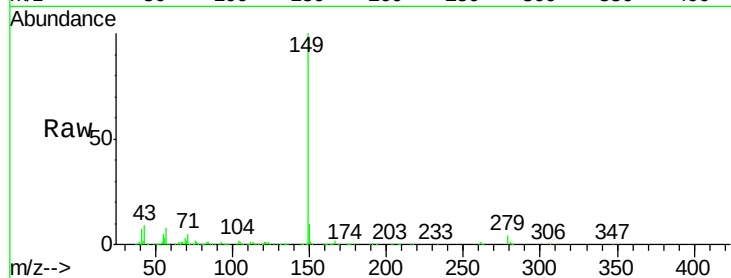
#85
Di-n-octyl phthalate
Concen: 43.858 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

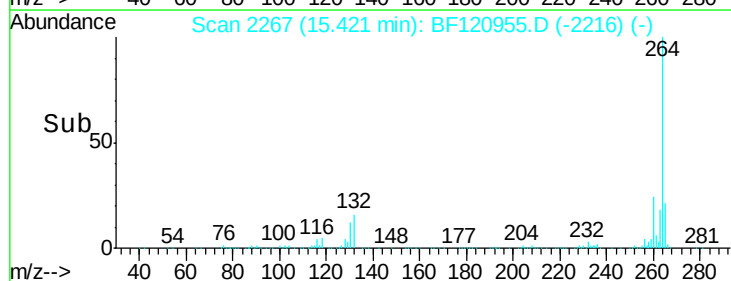
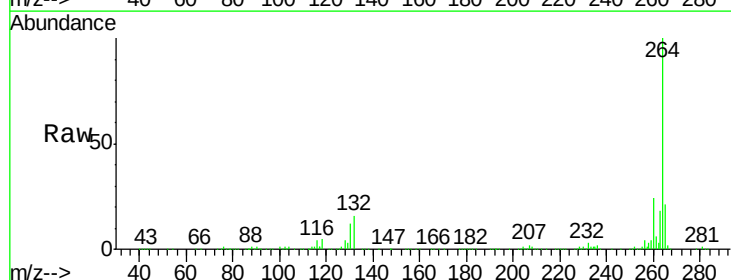
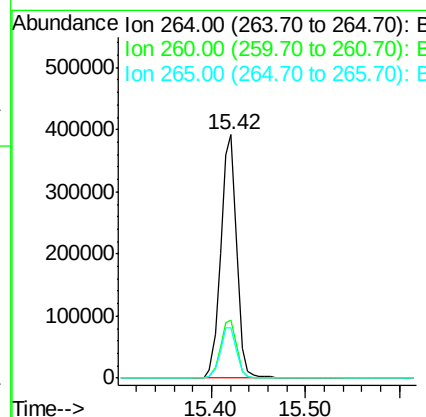
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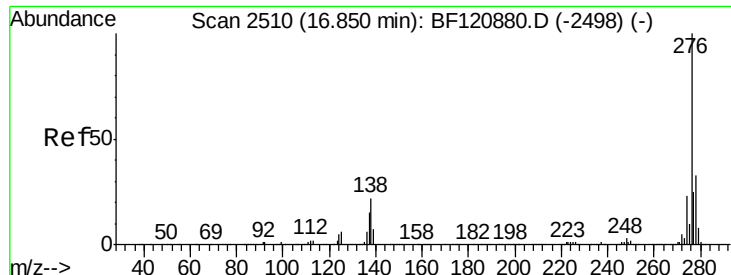
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	20.9	17.4	26.2





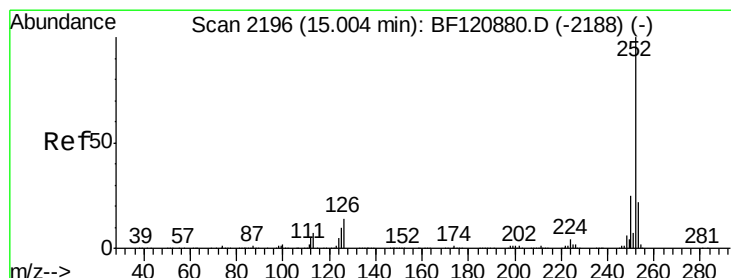
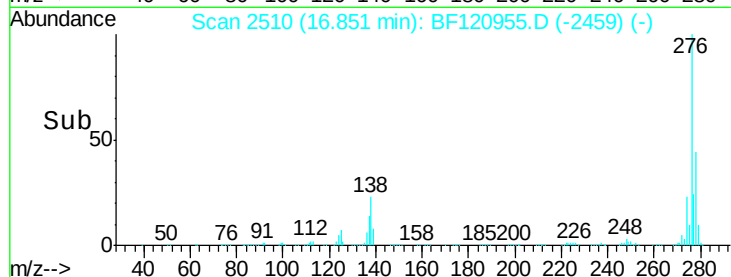
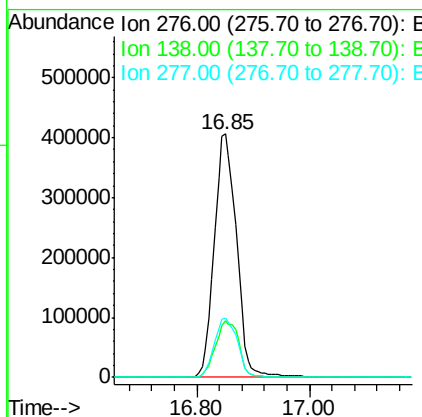
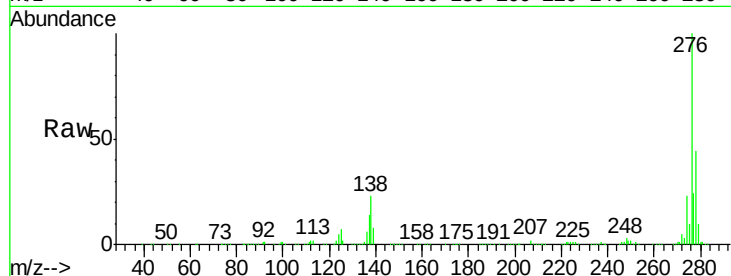
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.555 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.1	20.2	30.2

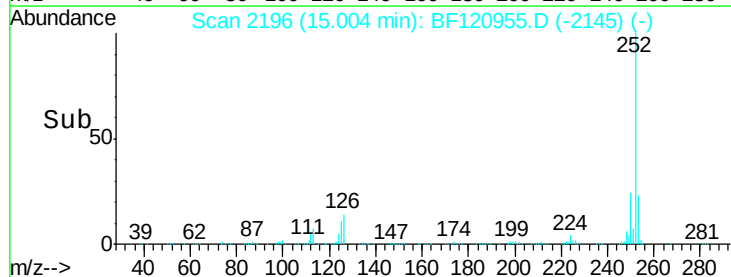
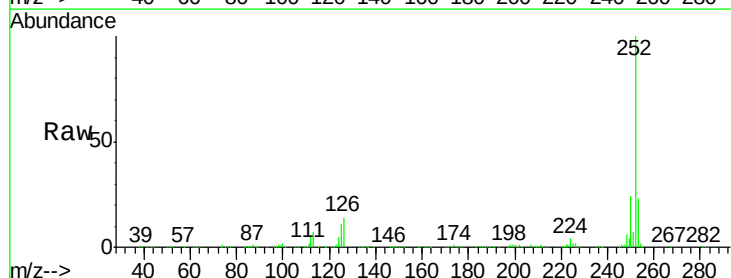
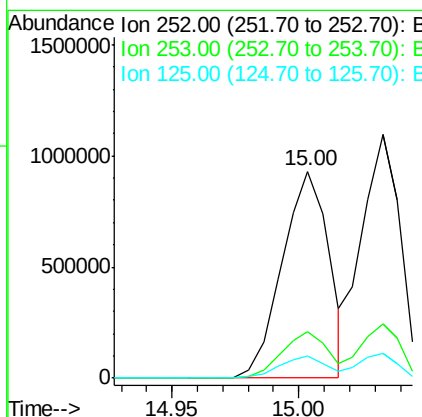
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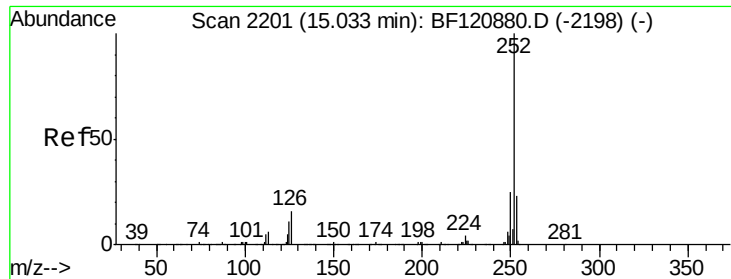
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#88
Benzo(b)fluoranthene
Concen: 42.405 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.6	8.3	12.5





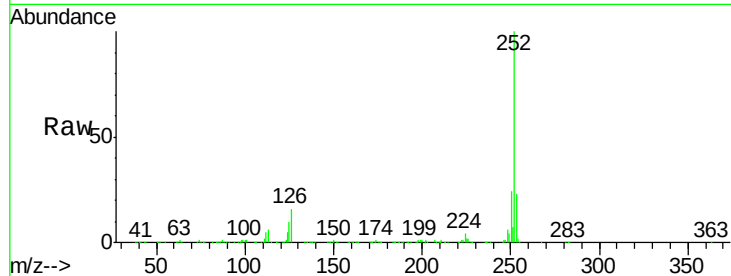
#89
Benzo(k)fluoranthene
Concen: 46.098 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampled :
PB130359BSD

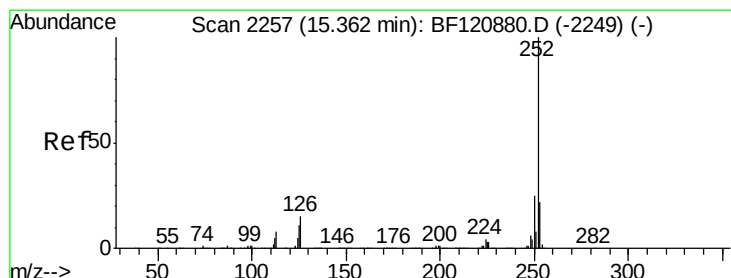
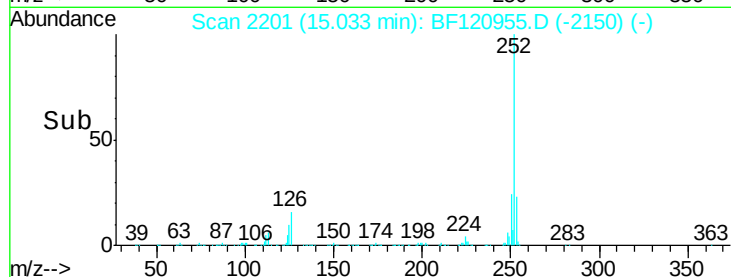
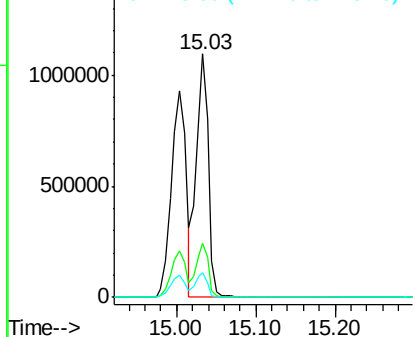
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.4	8.4	12.6

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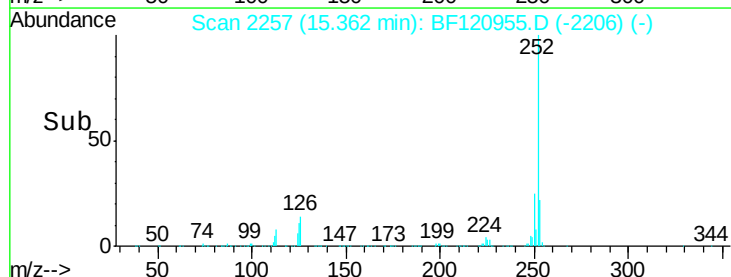
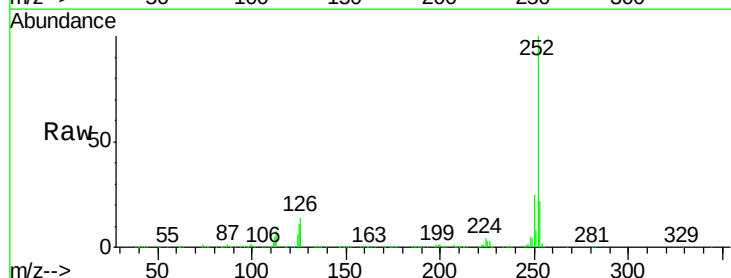
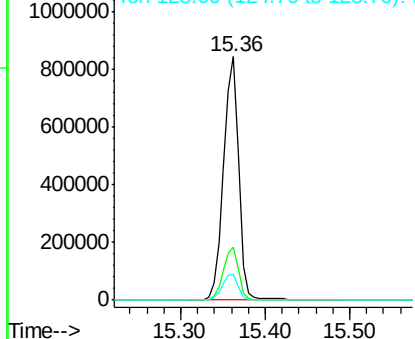
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

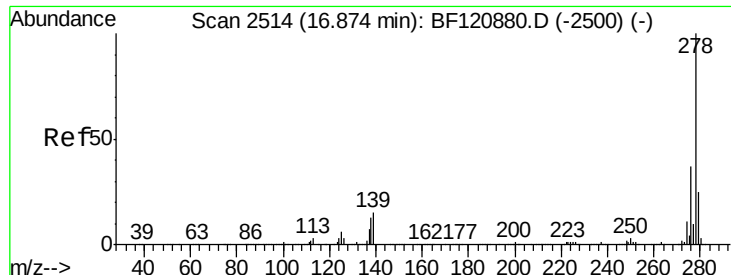


#90
Benzo(a)pyrene
Concen: 41.279 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.8	8.9	13.3

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





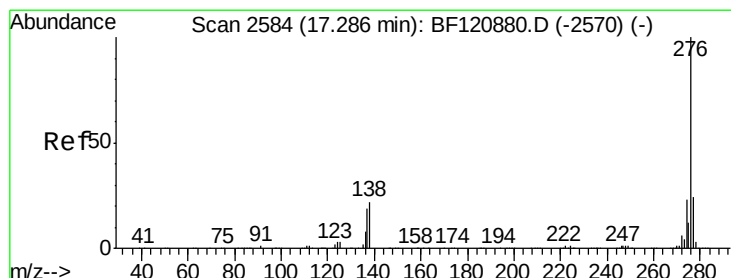
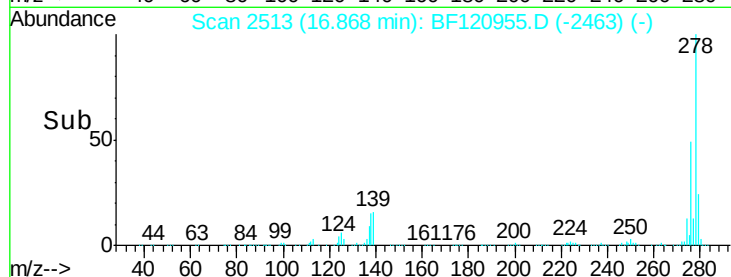
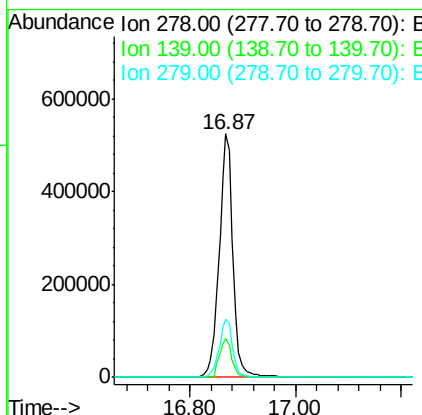
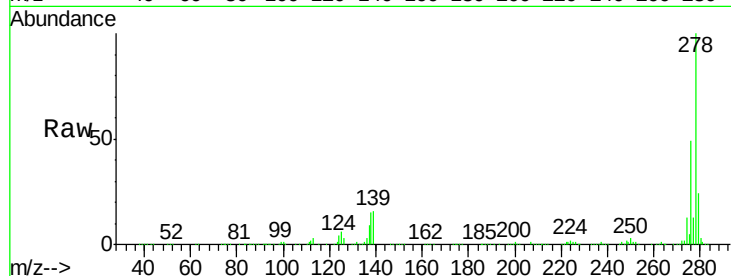
#91
Dibenzo(a,h)anthracene
Concen: 35.975 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB130359BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.0	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 33.980 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120955.D
Acq: 21 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.4	17.5	26.3

