

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120895.D
 Acq On : 16 Jul 2020 19:56
 Operator : JU/CG
 Sample : L3184-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

Quant Time: Jul 17 01:53:31 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	160120	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	613046	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326611	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	652125	20.00	ng	0.00
76) Chrysene-d12	13.97	240	576158	20.00	ng	0.00
86) Perylene-d12	15.42	264	521862	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	971407	99.46	ng	0.01
7) Phenol-d6	6.44	99	1046204	82.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	830654	78.40	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	411746	115.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1444822	66.05	ng	0.00
79) Terphenyl-d14	12.92	244	1729496	65.25	ng	0.00

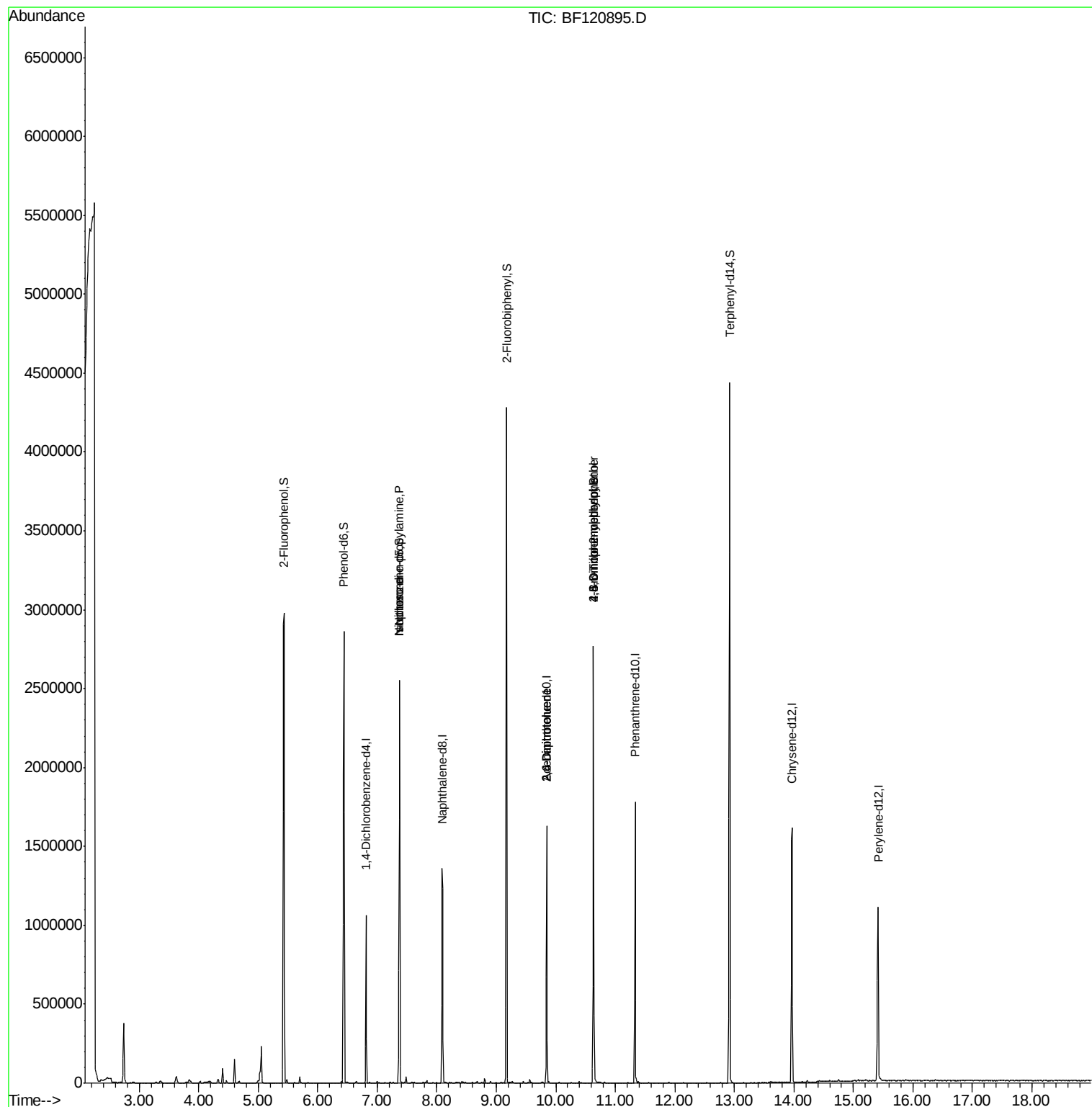
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1308	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	109383	15.246	ng	# 77
25) Isophorone	7.37	82	830646	39.284	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	41225	8.144	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	41225	6.201	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	764	4.029	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	24145	3.321	ng	# 1

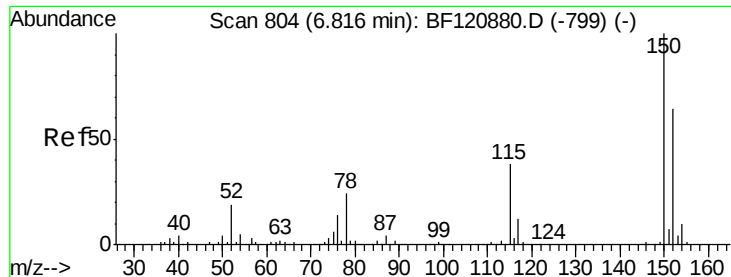
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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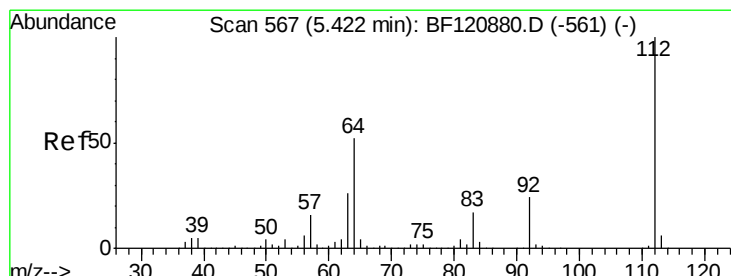
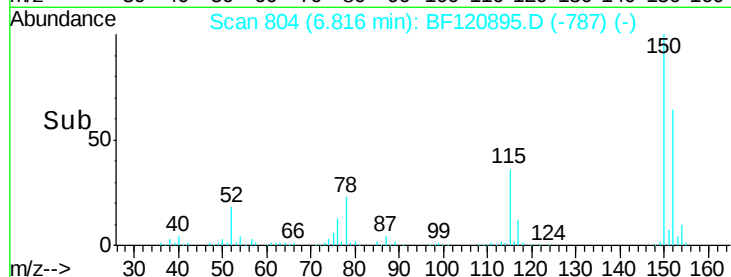
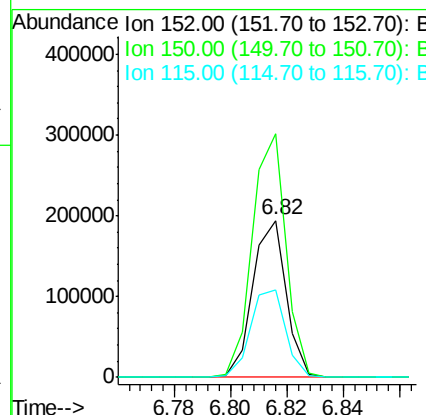
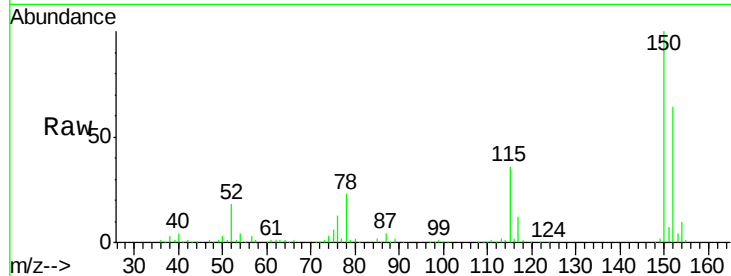


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

Instrument :
BNA_F
ClientSampleId :
EO-01-071520

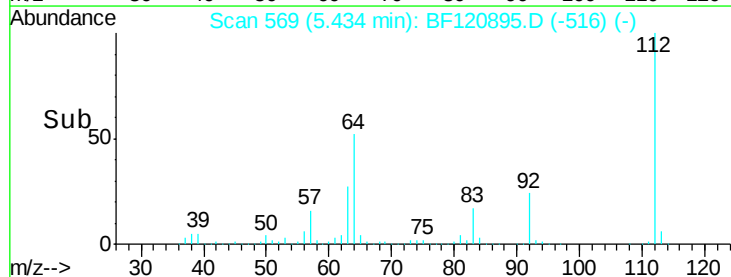
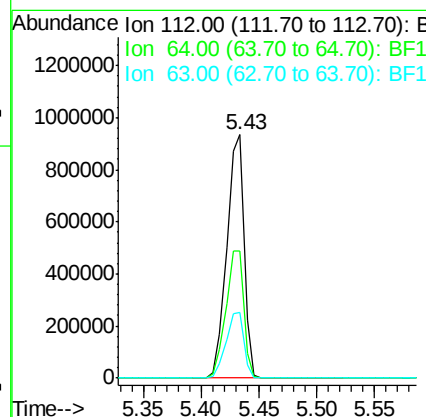
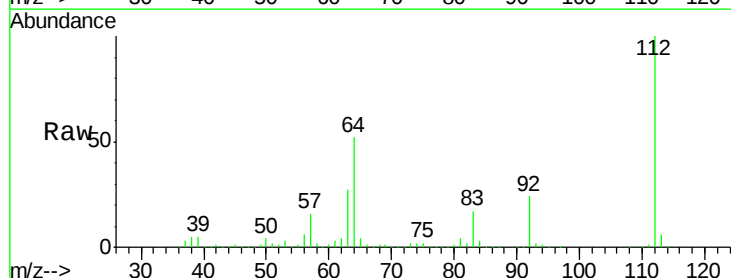
Tot Ion:152 Resp: 160120
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.6
115 55.4 47.0 70.4

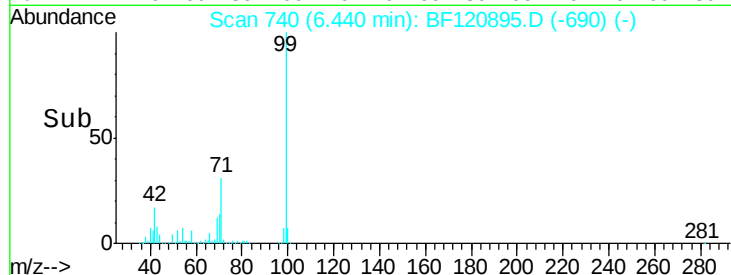
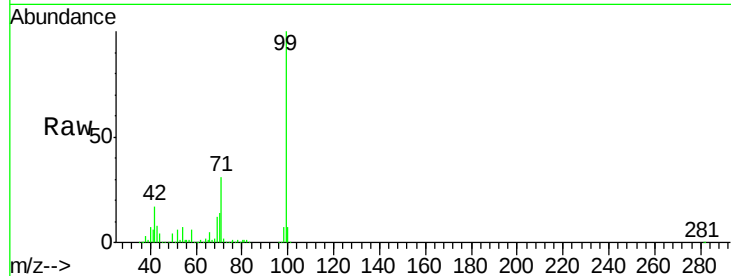
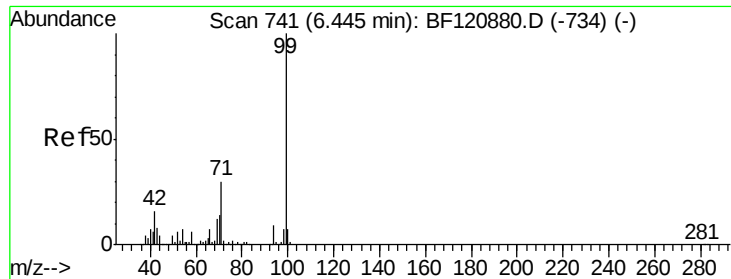


#5

2-Fluorophenol
Concen: 99.456 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

Tgt Ion:112 Resp: 971407
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 26.8 21.1 31.7





#7

Phenol-d6

Concen: 82.921 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Instrument :

BNA_F

ClientSampleId :

EO-01-071520

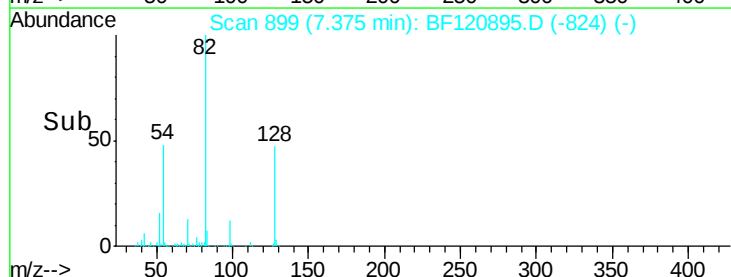
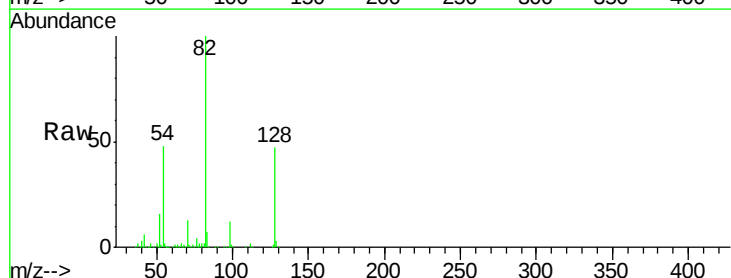
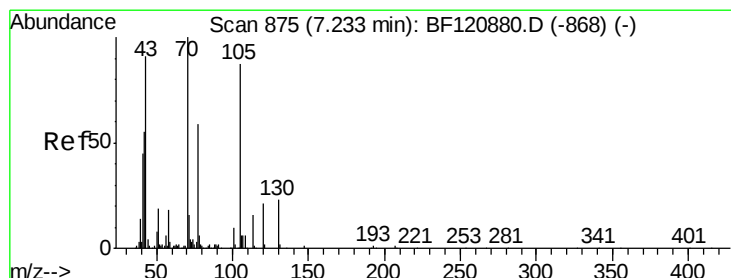
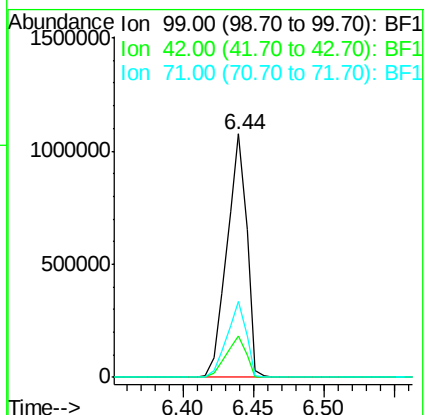
Tot Ion: 99 Resp: 1046204

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.246 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Tgt Ion: 70 Resp: 109383

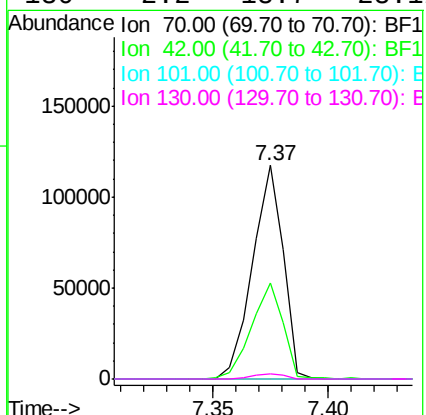
Ion Ratio Lower Upper

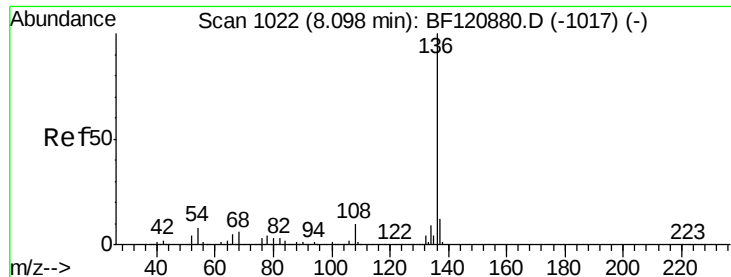
70 100

42 45.0 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

Instrument :

BNA_F

ClientSampleId :

EO-01-071520

Tot Ion:136 Resp: 613046

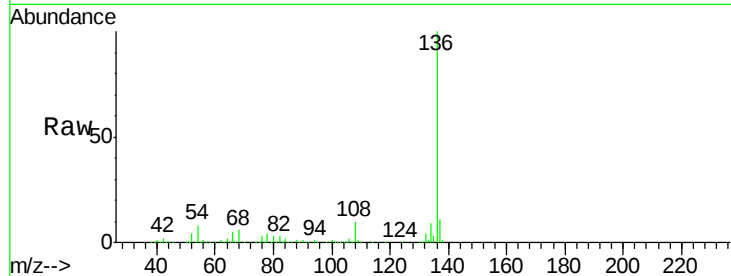
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.7 6.3 9.5

68 6.3 5.0 7.4

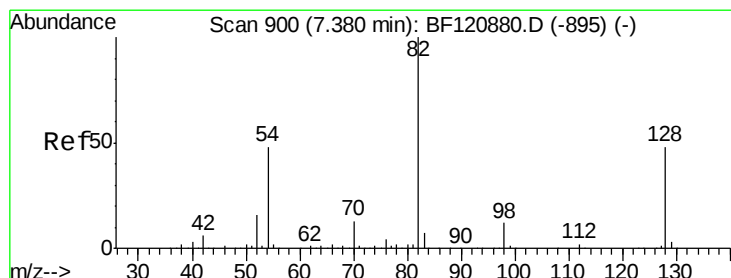
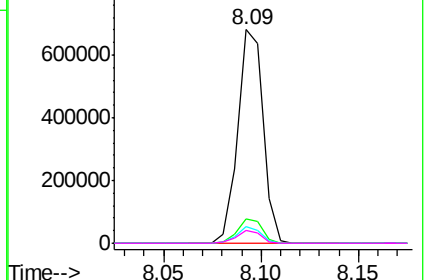
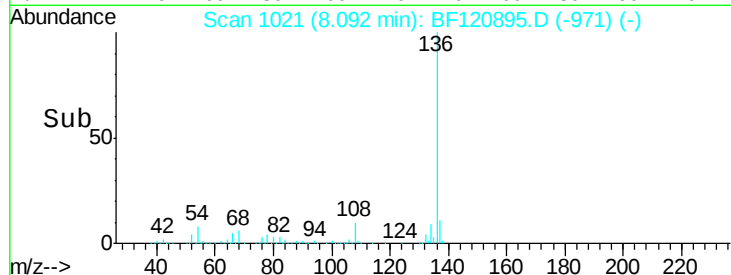


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 78.402 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

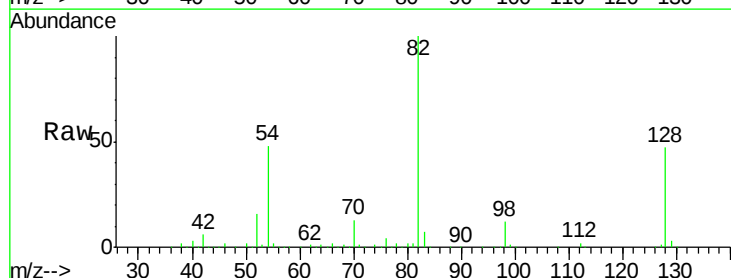
Tgt Ion: 82 Resp: 830654

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.4

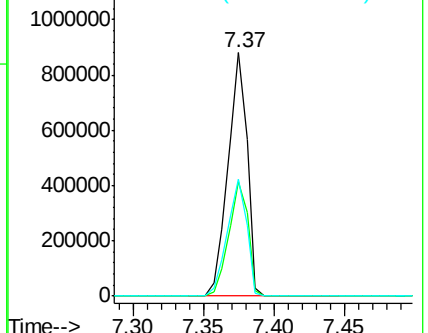
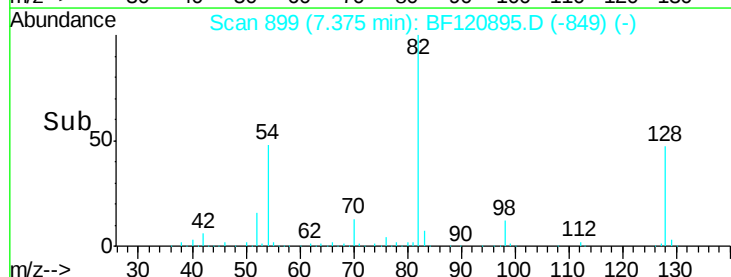
54 47.9 38.7 58.1

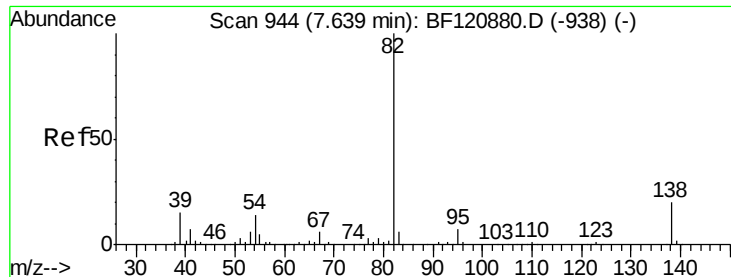


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.284 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120895.D

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Instrument :

BNA_F

ClientSampleId :

EO-01-071520

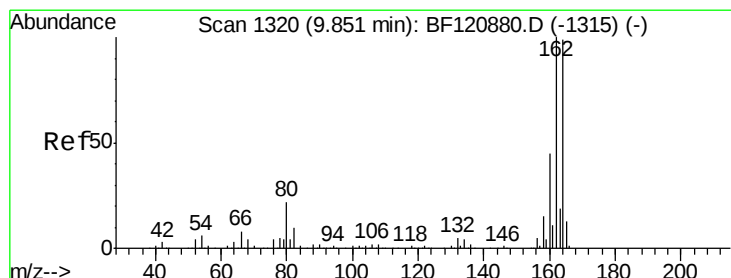
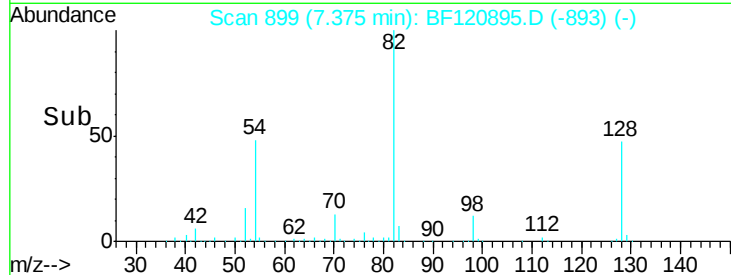
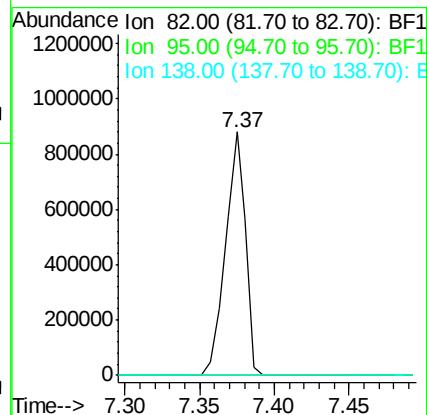
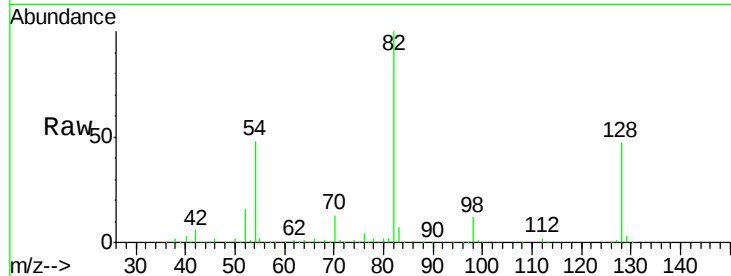
Tot Ion: 82 Resp: 830646

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120895.D

Acq: 16 Jul 2020 19:56

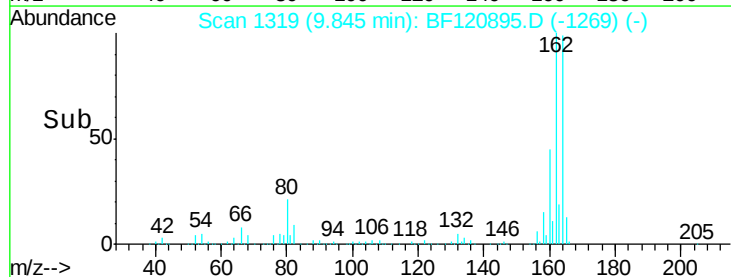
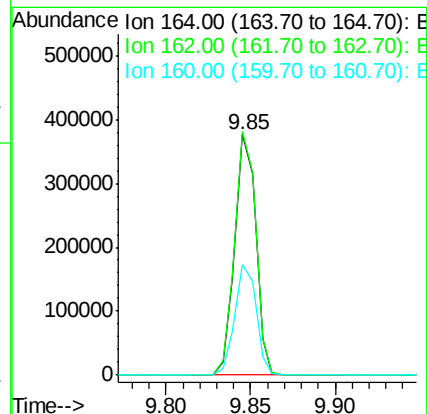
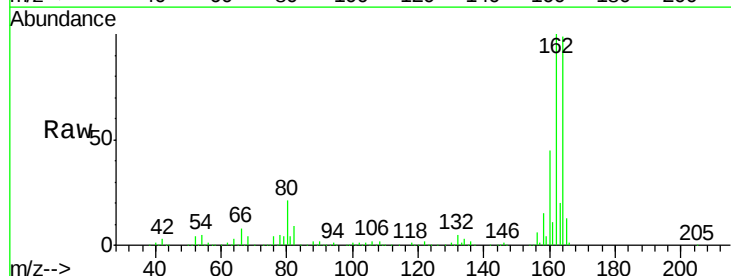
Tgt Ion: 164 Resp: 326611

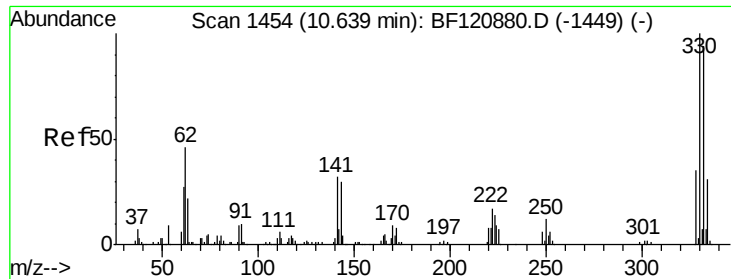
Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

160 45.8 36.9 55.3

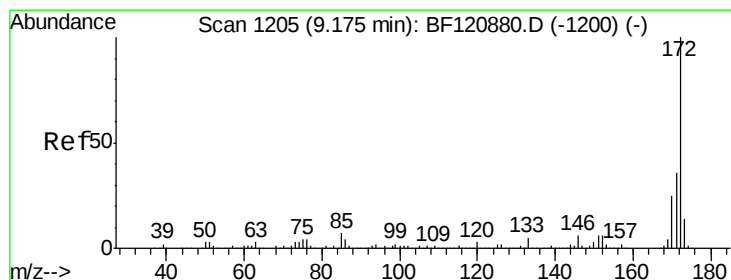
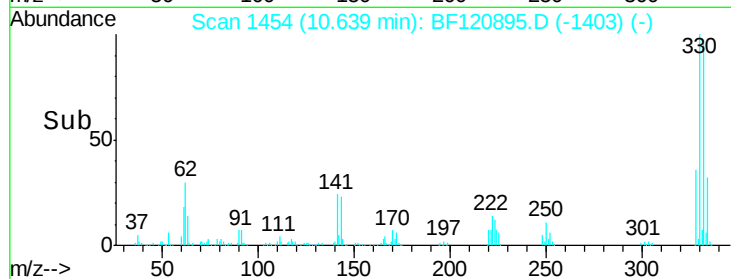
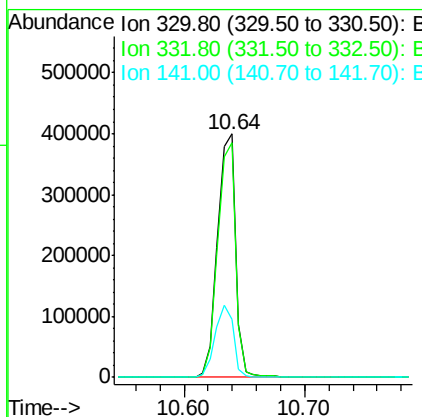
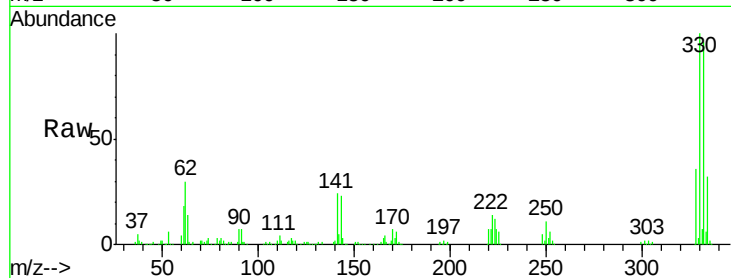




#42
 2,4,6-Tribromophenol
 Concen: 115.171 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

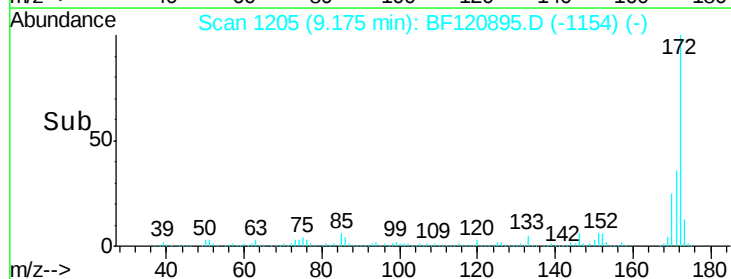
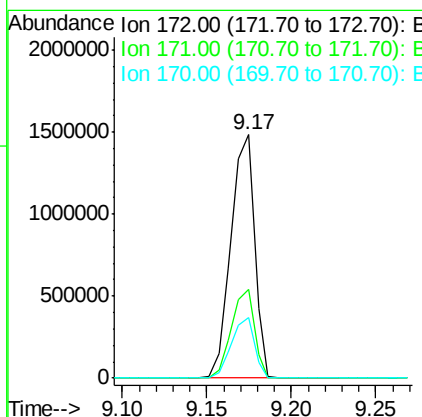
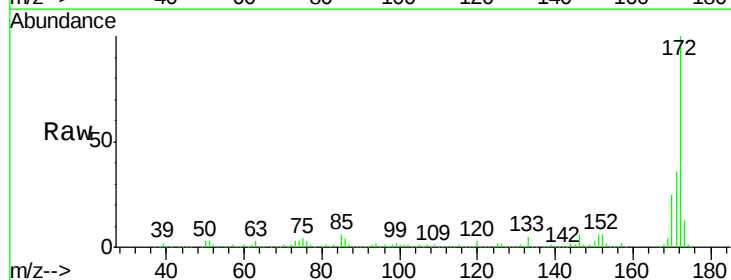
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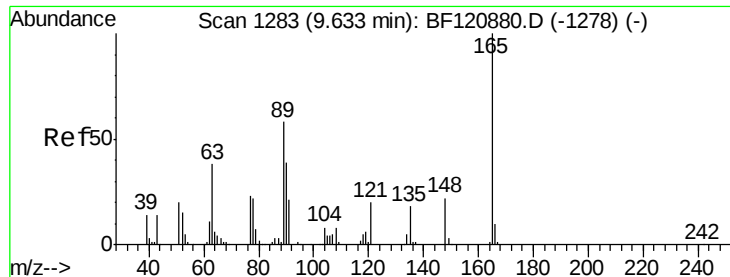
Tot Ion:330 Resp: 411746
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.5 113.3
 141 30.3 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 66.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion:172 Resp: 1444822
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.7 19.6 29.4

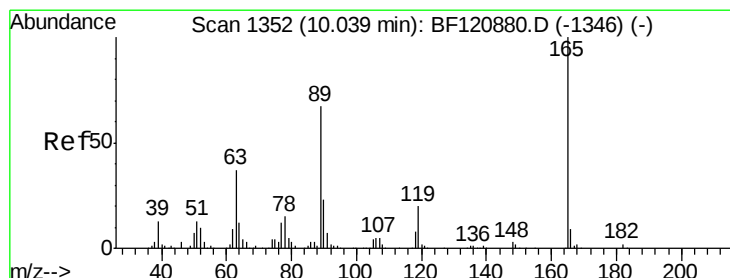
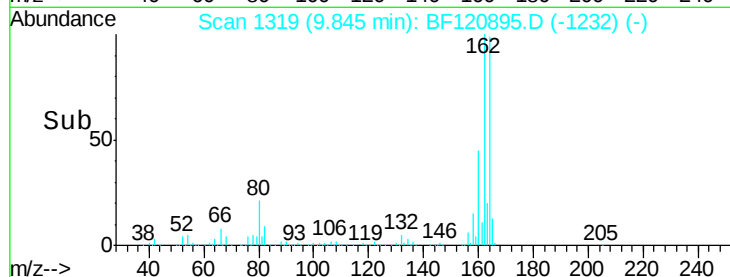
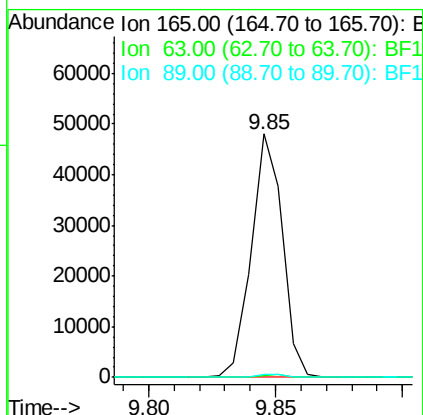
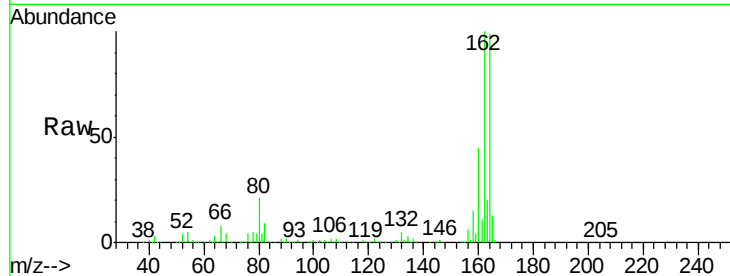




#51
 2,6-Dinitrotoluene
 Concen: 8.144 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

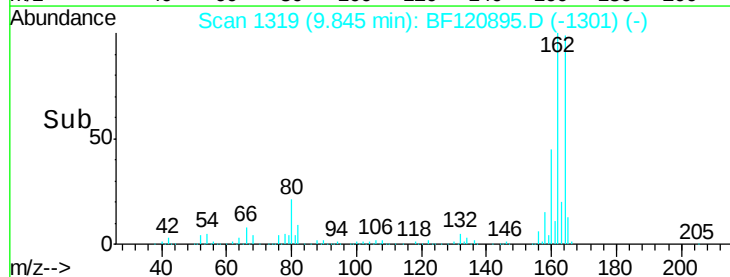
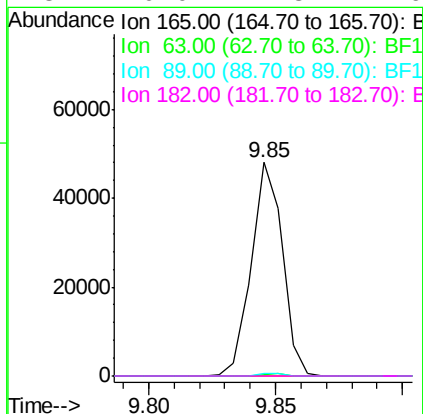
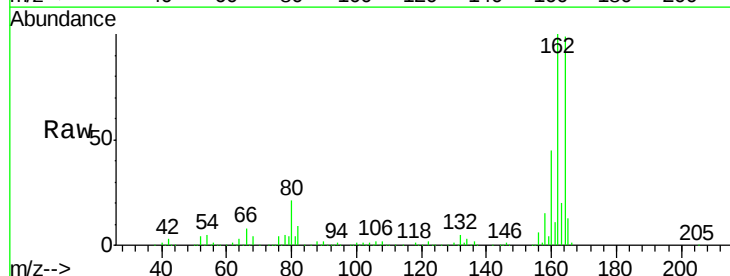
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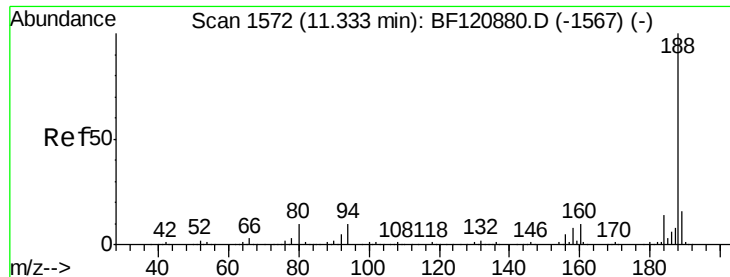
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	45.4	68.2#
89	1.2	47.0	70.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.201 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.4	44.2#
89	1.2	53.4	80.0#
182	0.0	1.8	2.6#

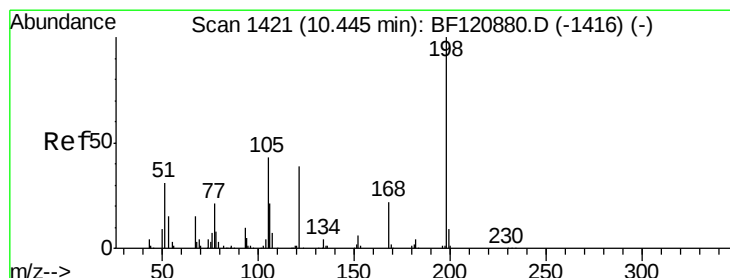
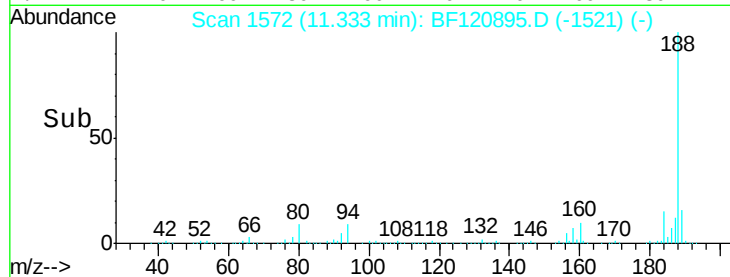
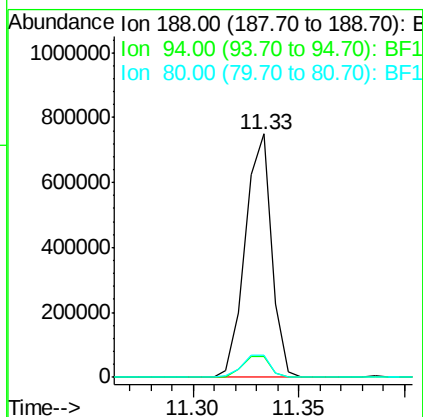
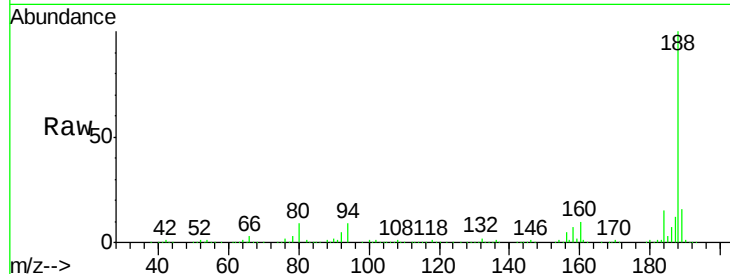




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

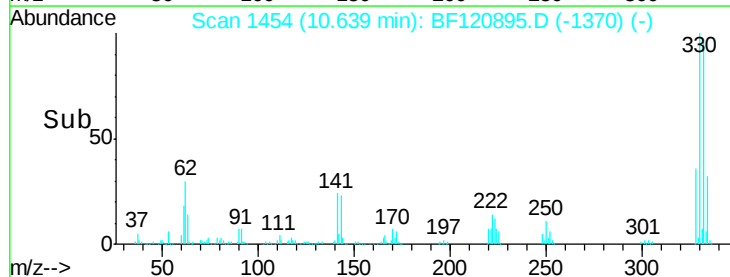
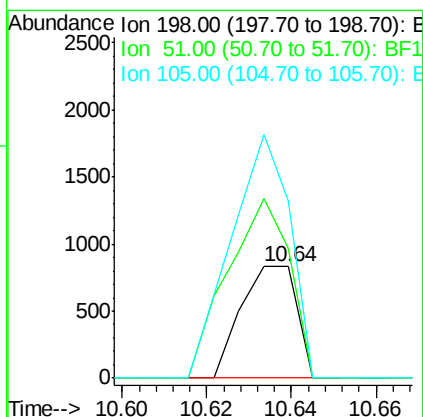
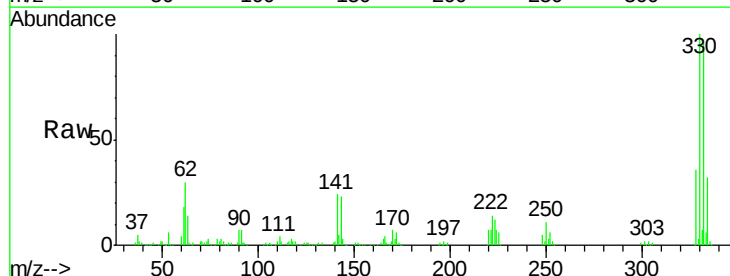
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

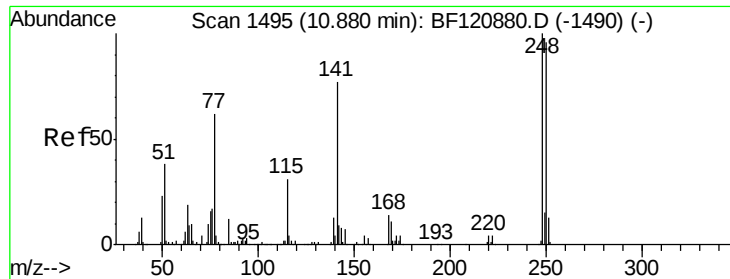
Tot Ion:188	Resp:	652125
Ion Ratio	Lower	Upper
188 100		
94 8.7	8.0	12.0
80 9.0	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.029 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion:198	Resp:	764
Ion Ratio	Lower	Upper
198 100		
51 116.0	19.5	59.5#
105 158.7	24.4	64.4#

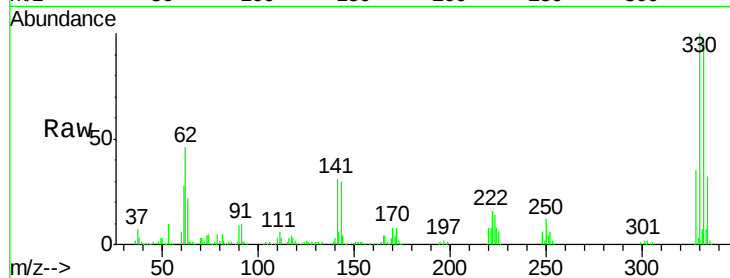




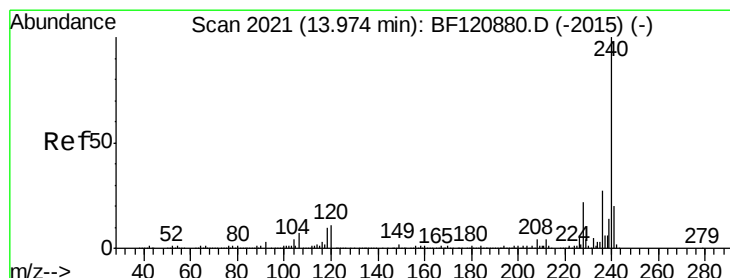
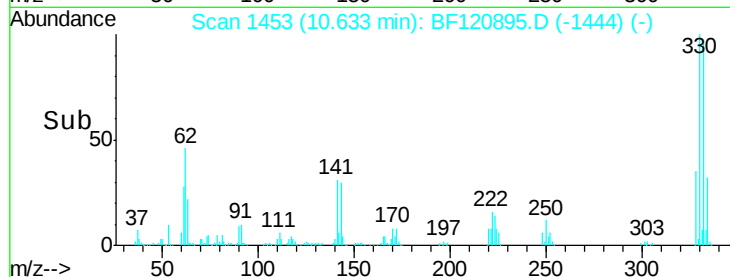
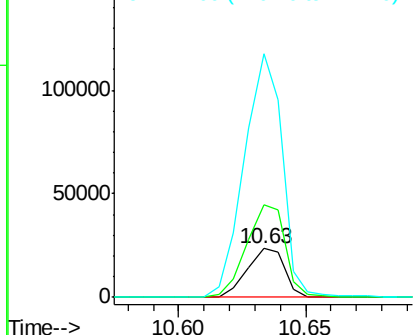
#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

Instrument :
BNA_F
ClientSampleId :
EO-01-071520

Tot Ion:248 Resp: 24145
Ion Ratio Lower Upper
248 100
250 190.1 77.1 115.7#
141 501.8 61.2 91.8#

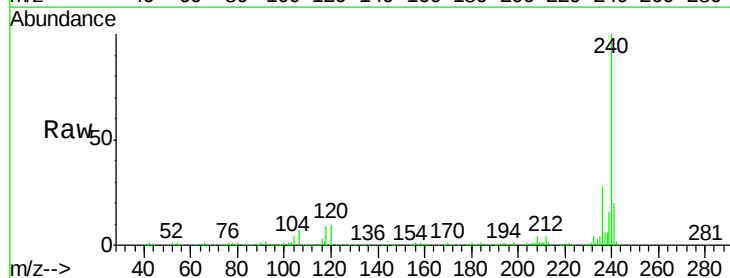


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

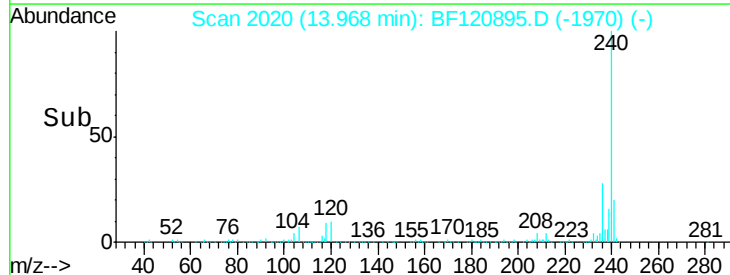
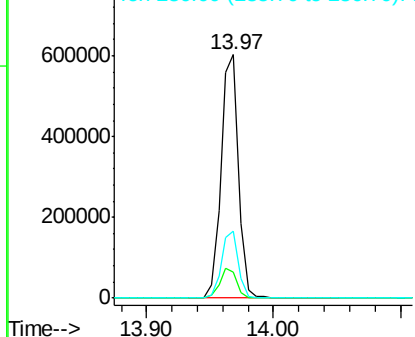


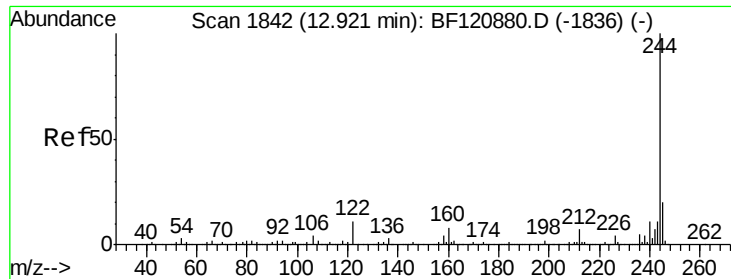
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120895.D
Acq: 16 Jul 2020 19:56

Tgt Ion:240 Resp: 576158
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 27.5 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

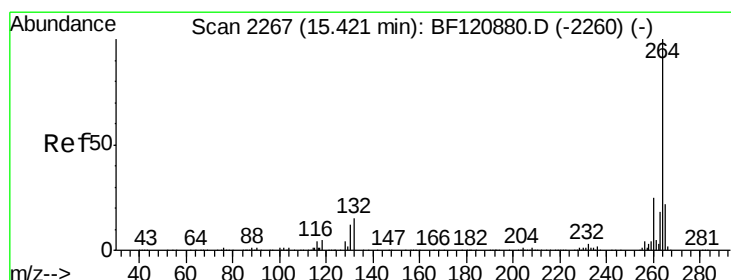
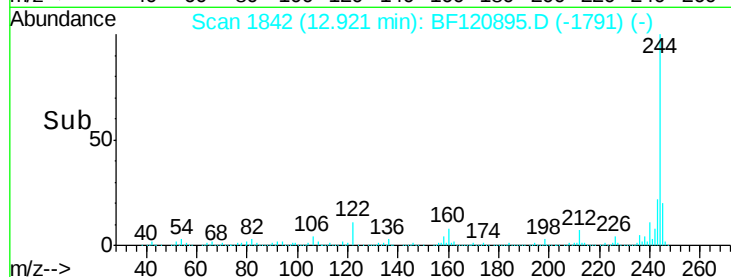
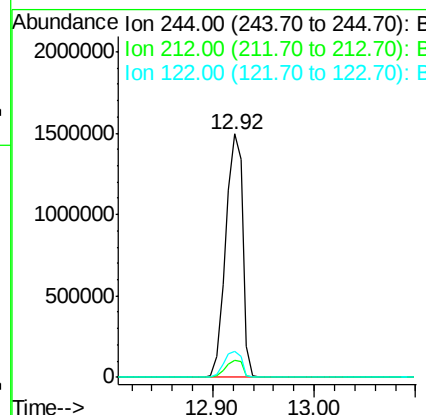
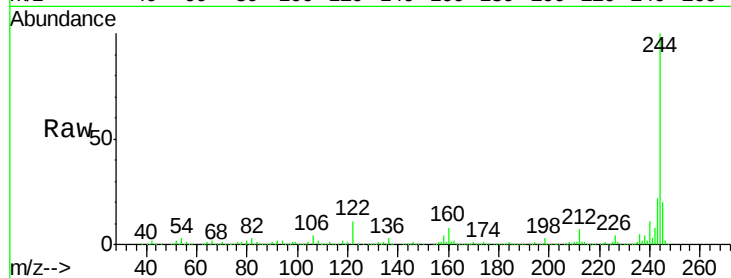




#79
 Terphenyl-d14
 Concen: 65.252 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-071520

Tot Ion:244 Resp: 1729496
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.7 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120895.D
 Acq: 16 Jul 2020 19:56

Tgt Ion:264 Resp: 521862
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.3 17.4 26.2

