

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120890.D
 Acq On : 16 Jul 2020 17:27
 Operator : JU/CG
 Sample : L3183-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Quant Time: Jul 17 05:11:02 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	155150	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	589161	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	311354	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	617565	20.00	ng	0.00
76) Chrysene-d12	13.97	240	555002	20.00	ng	0.00
86) Perylene-d12	15.42	264	512299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	939169	99.24	ng	0.01
7) Phenol-d6	6.44	99	1004614	82.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	803916	78.95	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	394695	115.81	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1435912	68.86	ng	0.00
79) Terphenyl-d14	12.92	244	1631252	63.89	ng	0.00

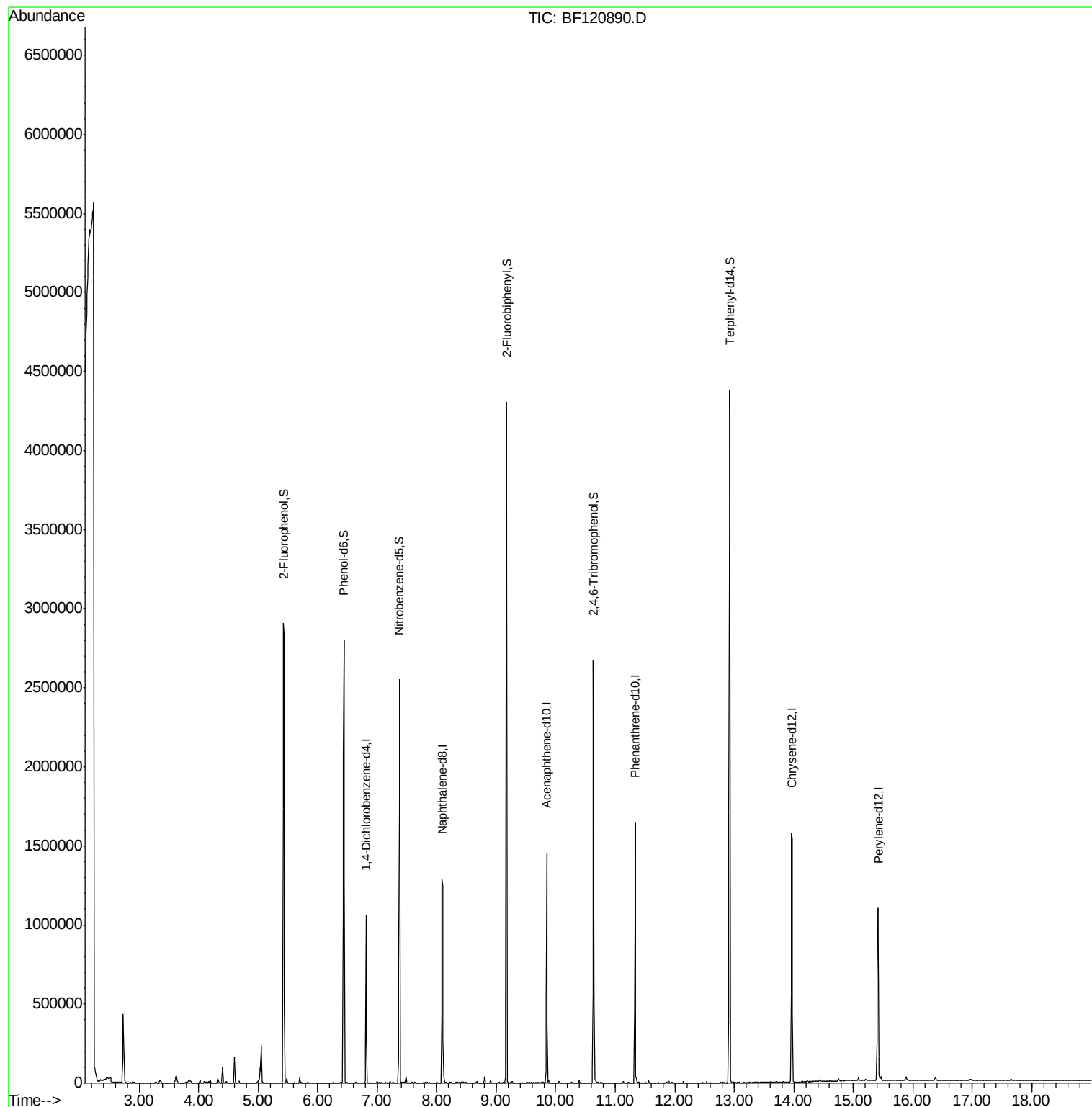
Target Compounds Qvalue

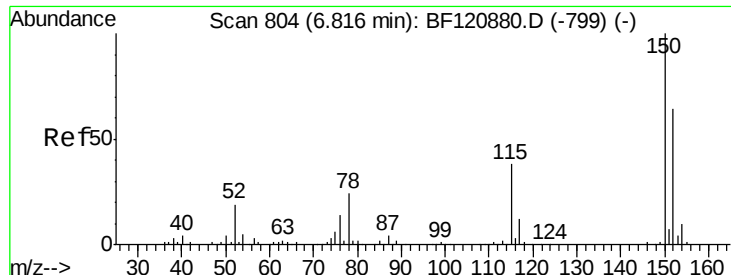
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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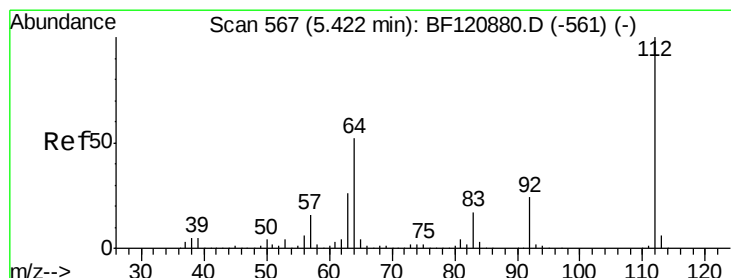
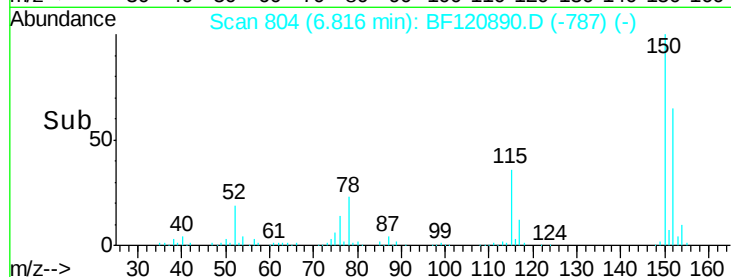
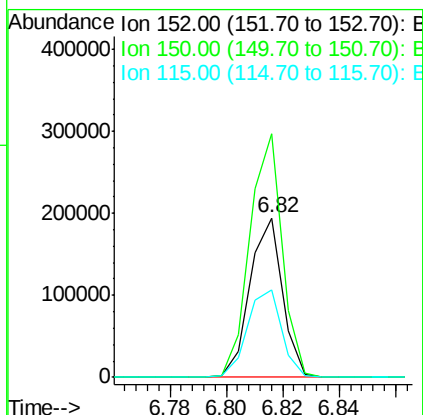
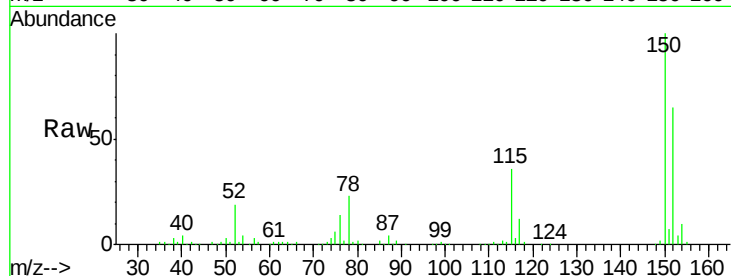


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

Instrument :
BNA_F
ClientSampleId :
OK-03-071520

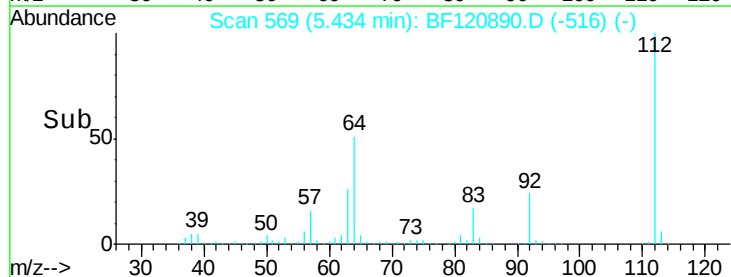
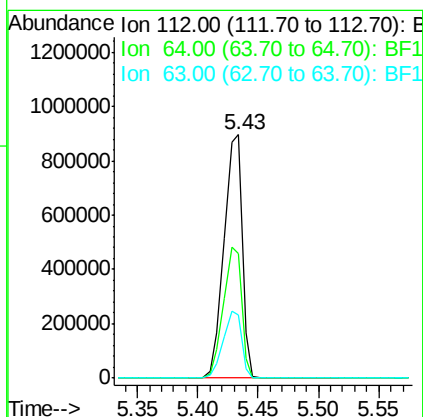
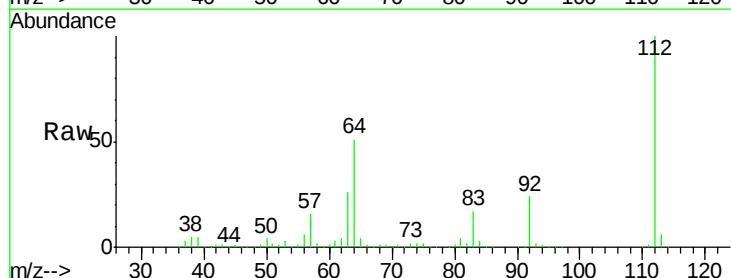
Tot Ion:152 Resp: 155150
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 54.6 47.0 70.4



#5

2-Fluorophenol
Concen: 99.235 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

Tgt Ion:112 Resp: 939169
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 26.0 21.1 31.7





#7

Phenol-d6

Concen: 82.176 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

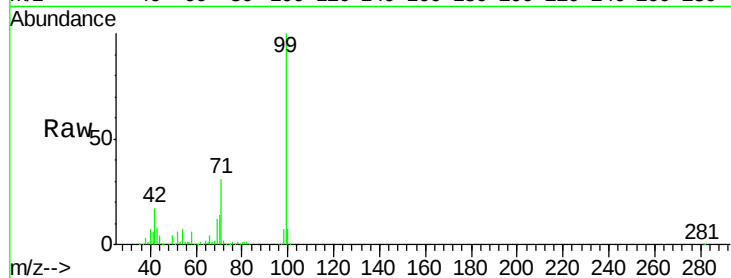
Tot Ion: 99 Resp: 1004614

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

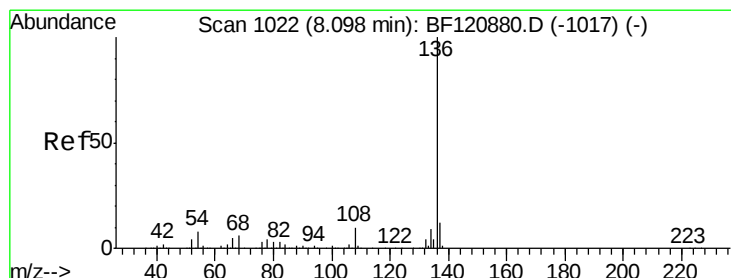
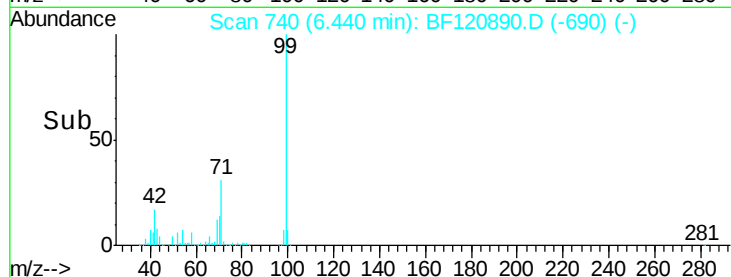
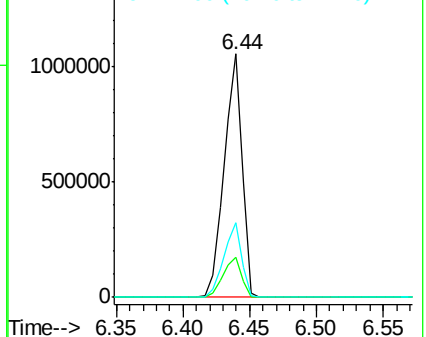
71 30.8 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Tgt Ion: 136 Resp: 589161

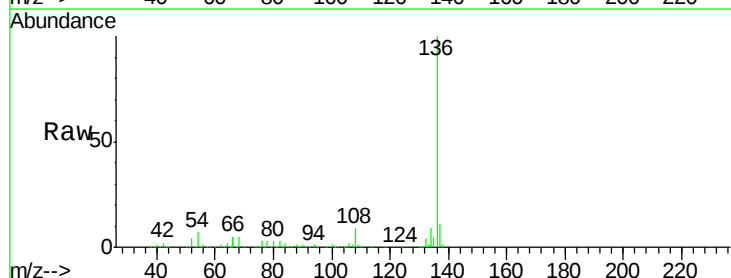
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.6 6.3 9.5

68 5.3 5.0 7.4

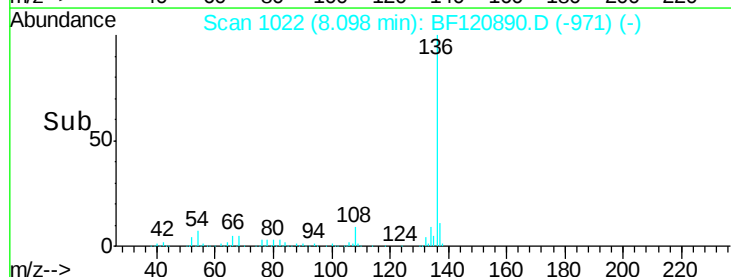
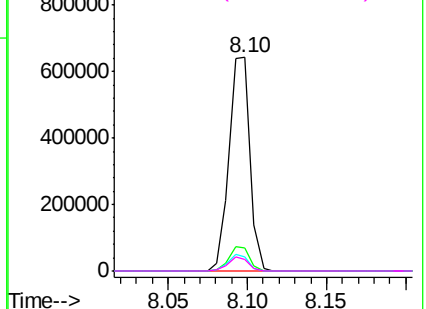


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.955 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

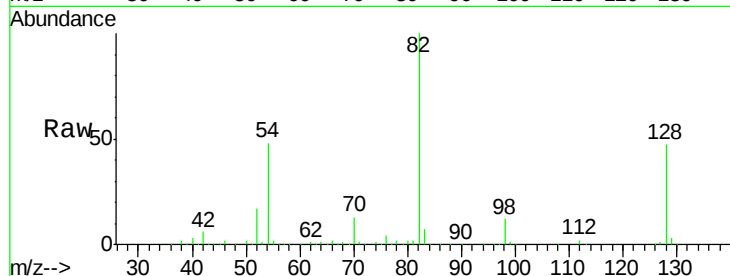
Tot Ion: 82 Resp: 803916

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

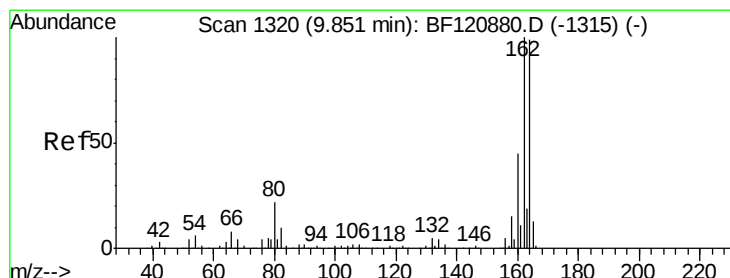
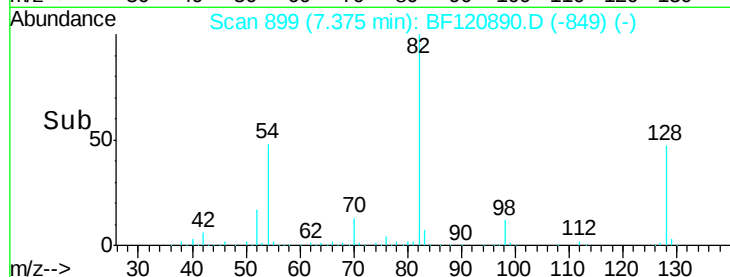
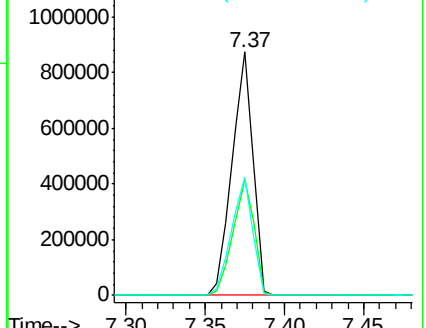
54 48.4 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

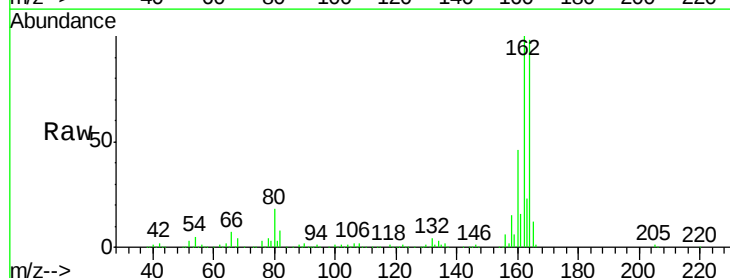
Tgt Ion:164 Resp: 311354

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

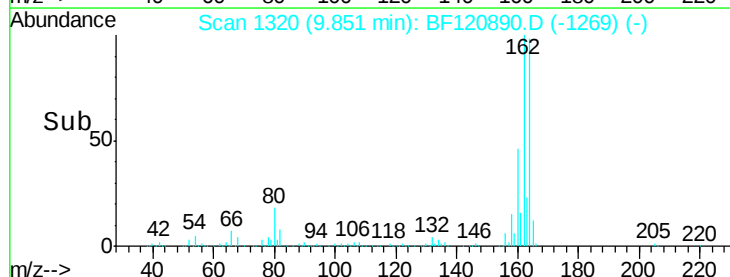
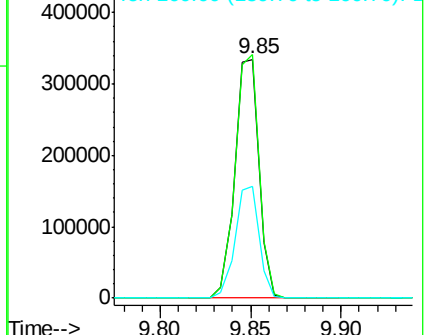
160 46.7 36.9 55.3

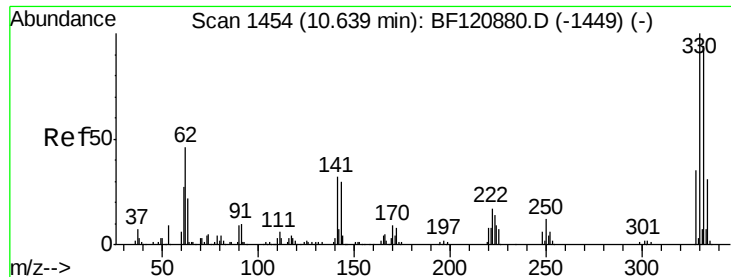


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

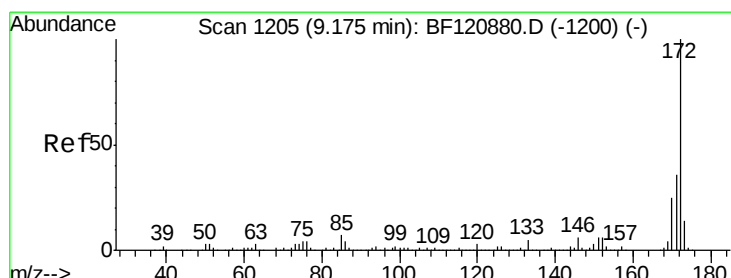
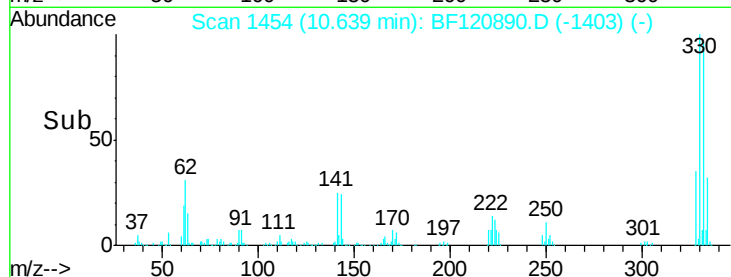
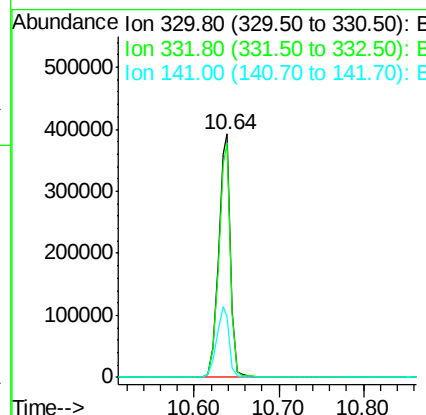
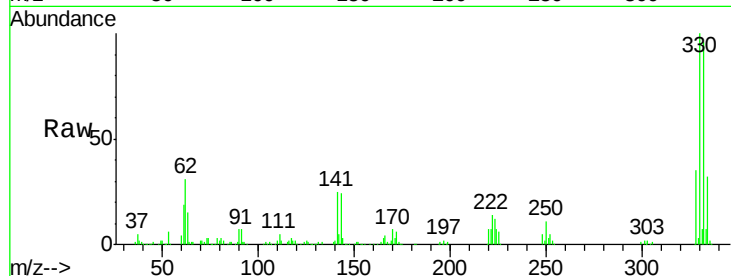




#42
 2,4,6-Tribromophenol
 Concen: 115.812 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

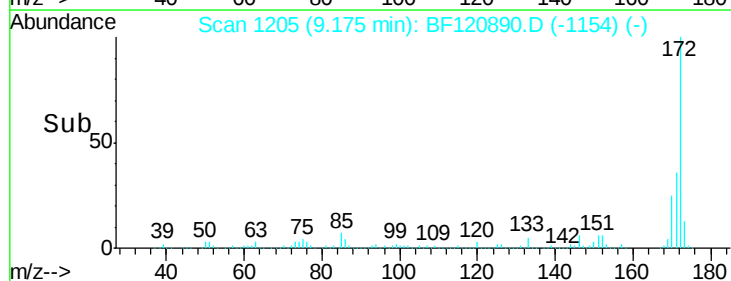
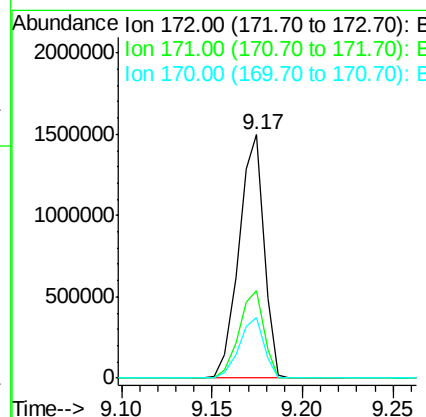
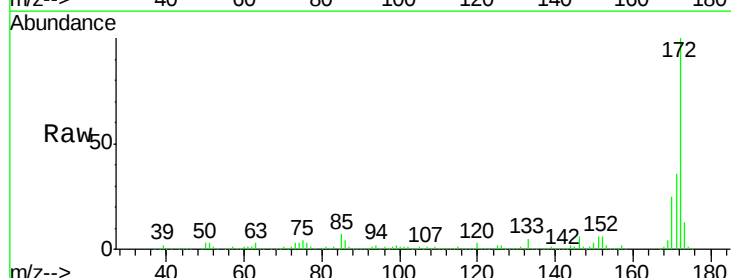
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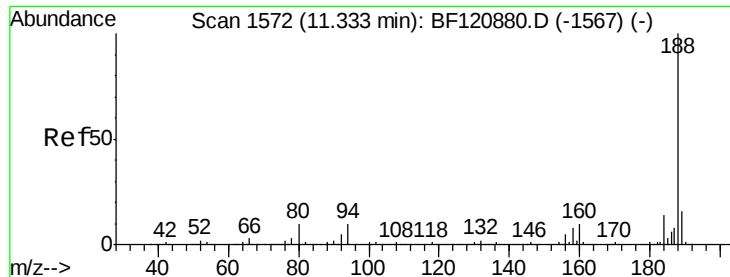
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	30.4	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 68.857 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.7	19.6	29.4

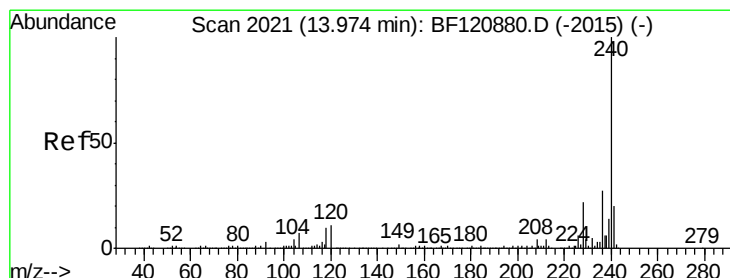
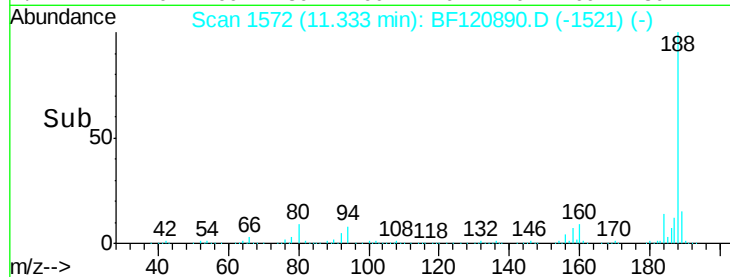
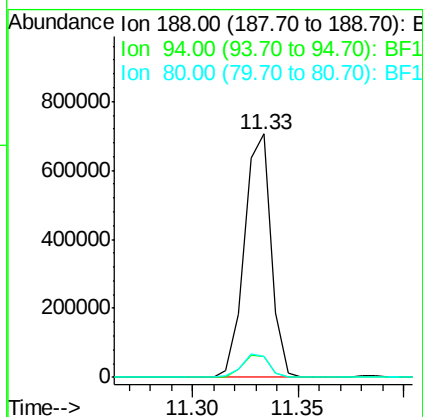
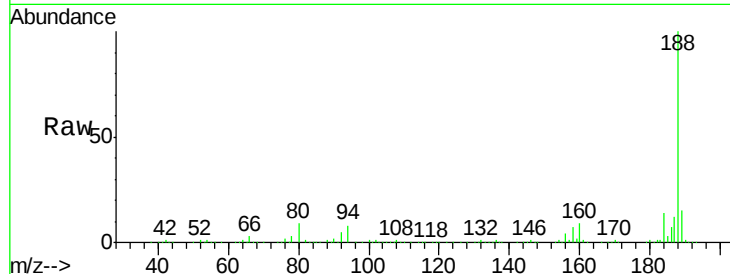




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

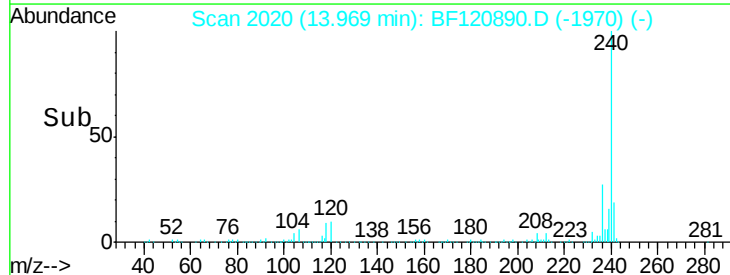
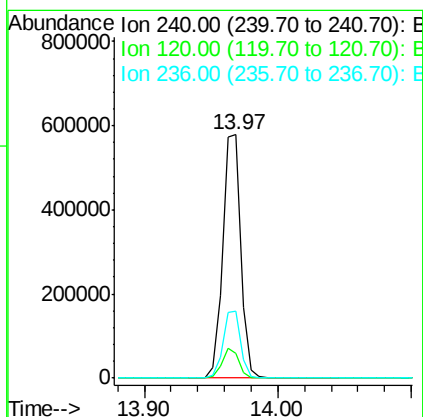
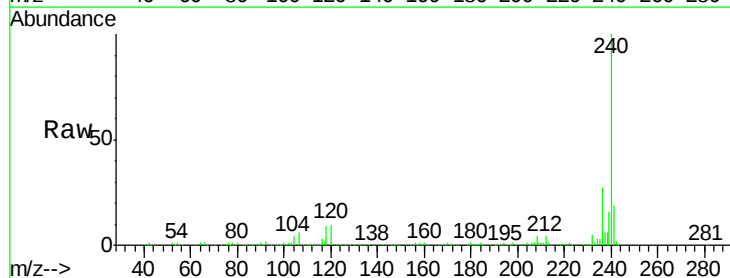
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ClientSampleId :
OK-03-071520

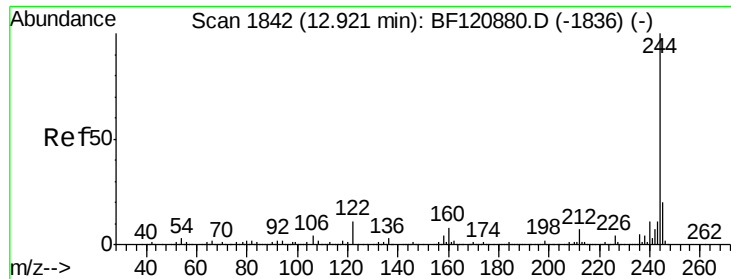
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	8.6	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	27.3	21.7	32.5

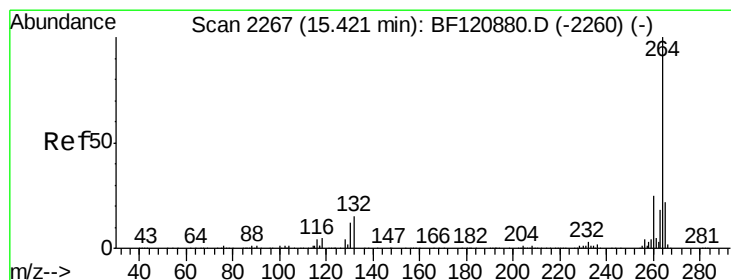
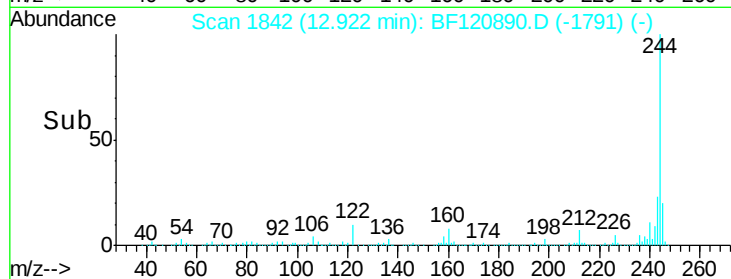
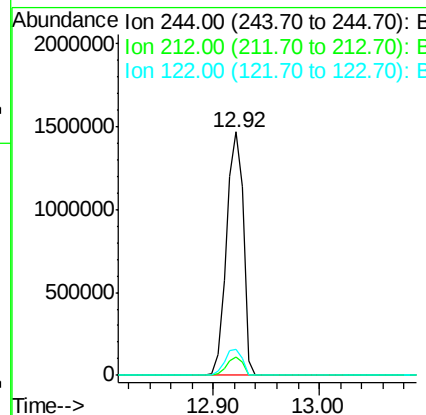
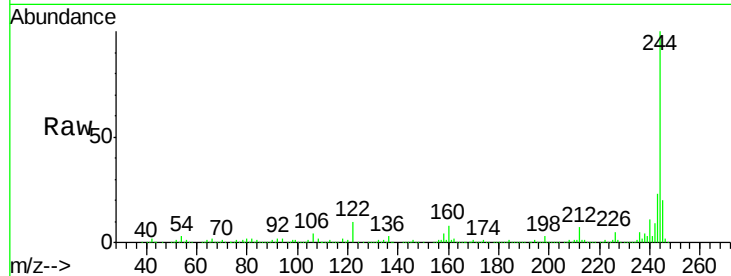




#79
 Terphenyl-d14
 Concen: 63.891 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Tot Ion:244 Resp: 1631252
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 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: BF120890.D
 Acq: 16 Jul 2020 17:27

Tgt Ion:264 Resp: 512299
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 21.5 17.4 26.2

