

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120948.D
 Acq On : 21 Jul 2020 9:34
 Operator : JU/CG
 Sample : PB130301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Quant Time: Jul 21 11:39:44 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	177318	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	681376	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	359984	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	698975	20.00	ng	0.00
76) Chrysene-d12	13.97	240	602613	20.00	ng	0.00
86) Perylene-d12	15.42	264	581083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1221270	112.91	ng	0.02
7) Phenol-d6	6.45	99	1479676	105.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	931366	79.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	444901	112.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1694917	70.30	ng	0.00
79) Terphenyl-d14	12.93	244	1685295	60.79	ng	0.00

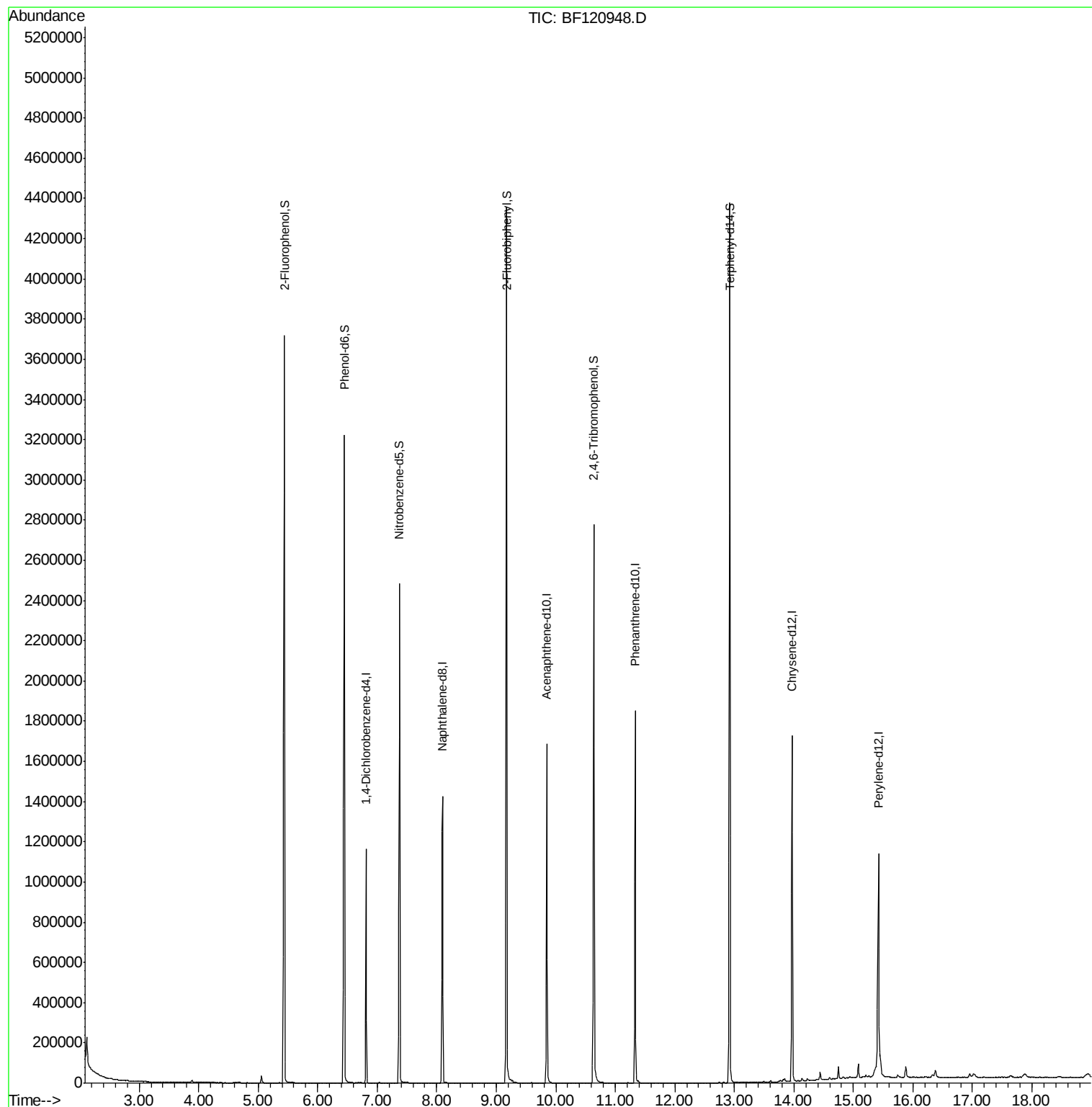
Target Compounds Qvalue

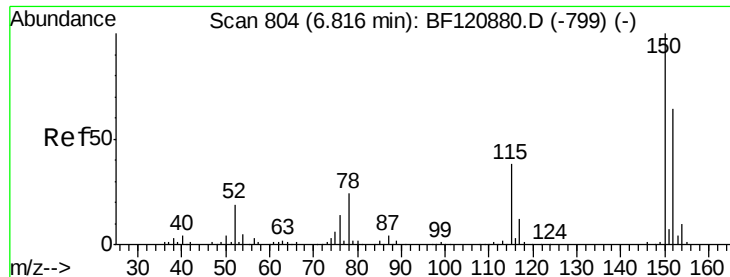
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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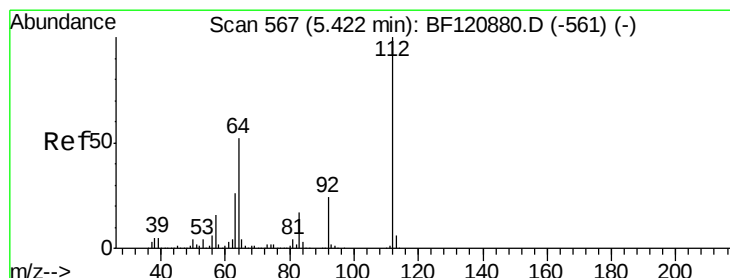
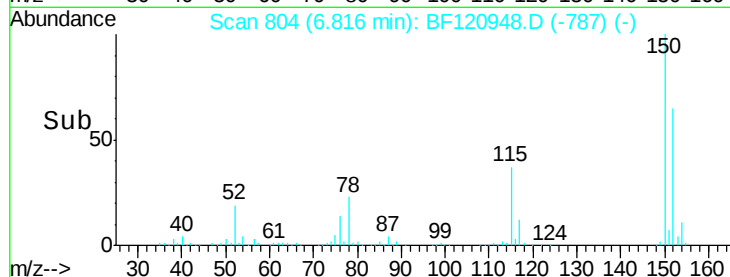
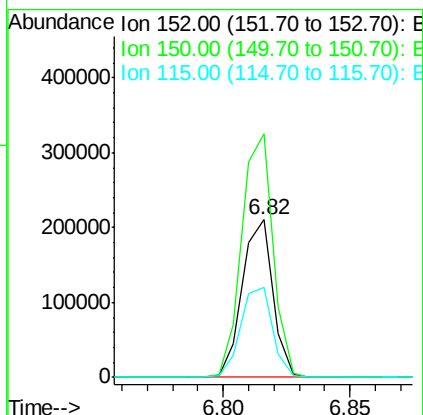
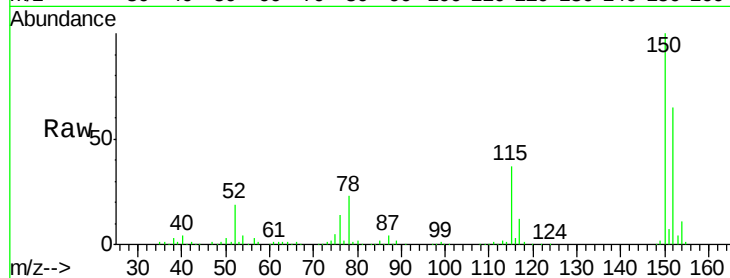


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

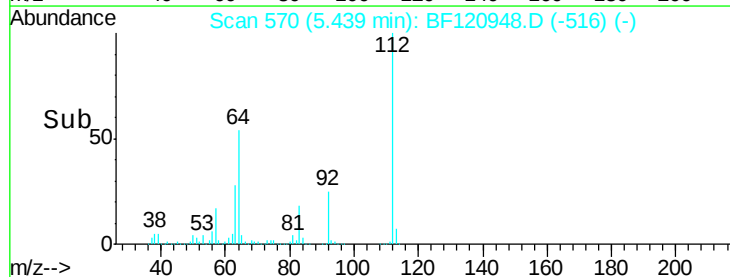
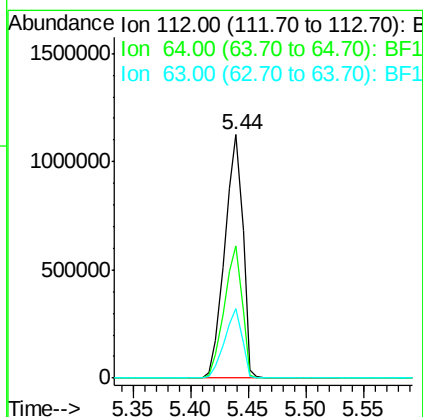
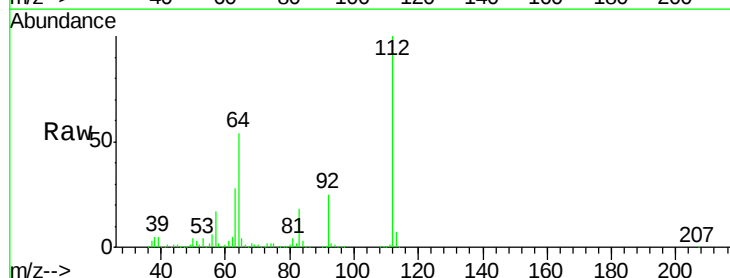
Tot Ion:152 Resp: 177318
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.0 187.6
 115 57.2 47.0 70.4

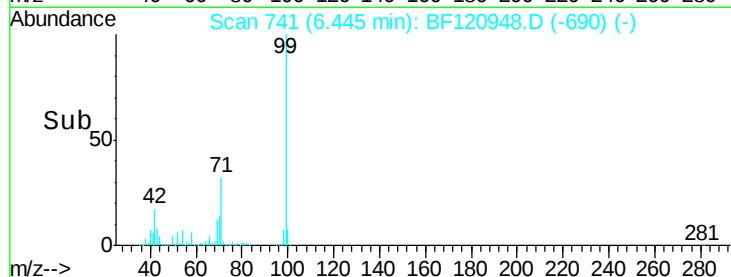
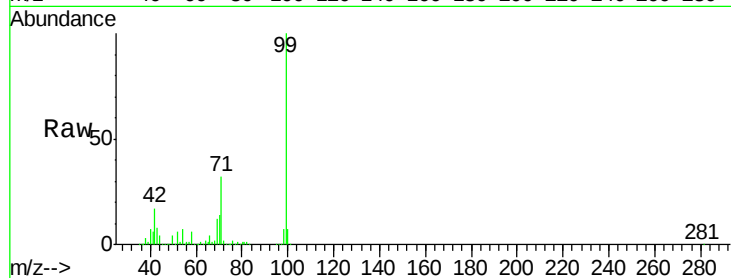
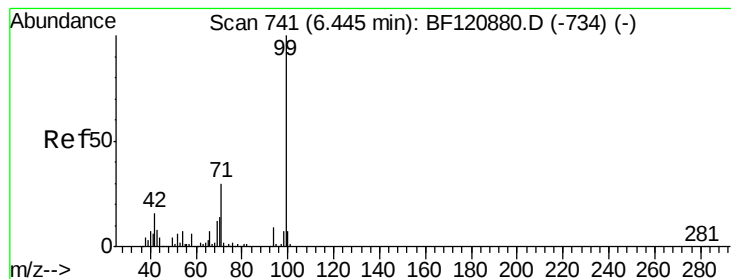


#5

2-Fluorophenol
 Concen: 112.910 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:112 Resp: 1221270
 Ion Ratio Lower Upper
 112 100
 64 54.3 41.3 61.9
 63 28.4 21.1 31.7





#7

Phenol-d6

Concen: 105.903 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Instrument :

BNA_F

ClientSampleId :

PB130301BL

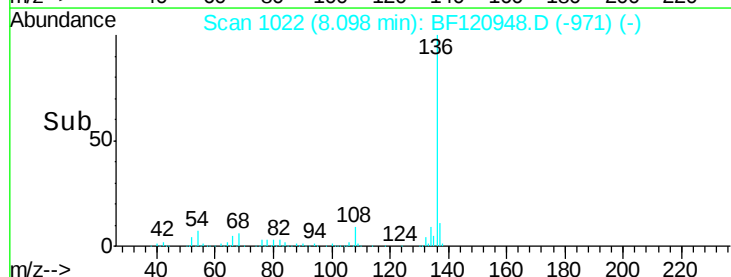
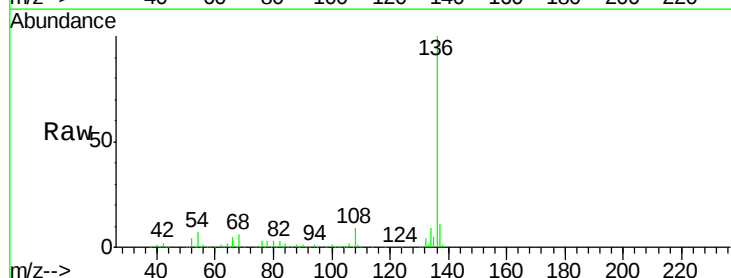
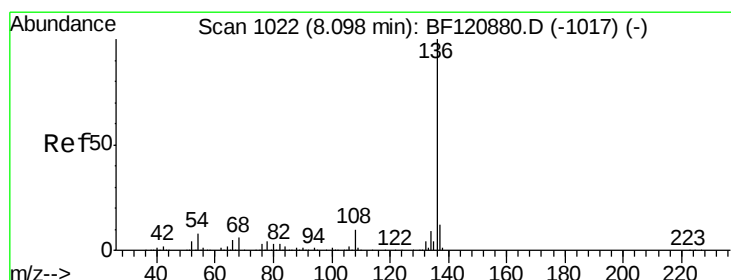
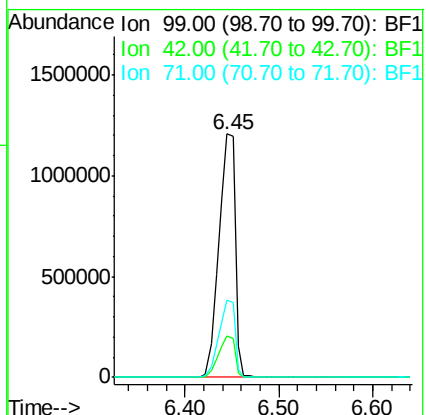
Tot Ion: 99 Resp: 1479676

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Tgt Ion: 136 Resp: 681376

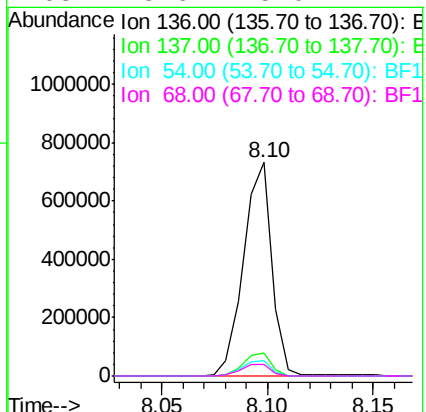
Ion Ratio Lower Upper

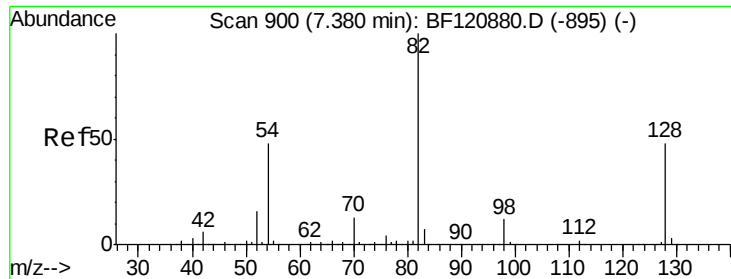
136 100

137 10.8 9.3 13.9

54 6.9 6.3 9.5

68 5.6 5.0 7.4

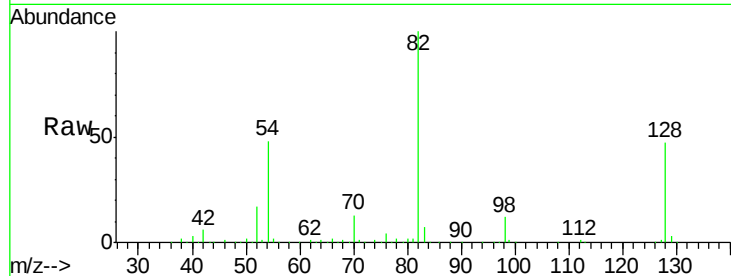




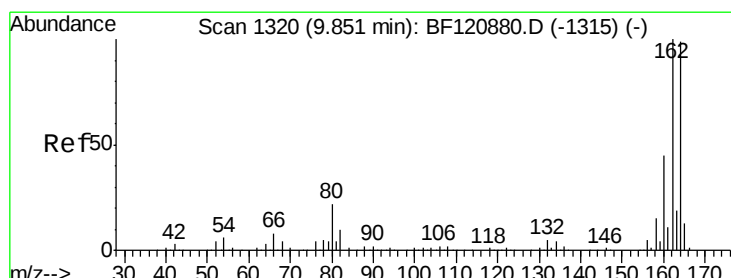
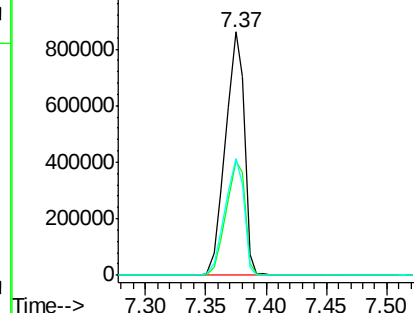
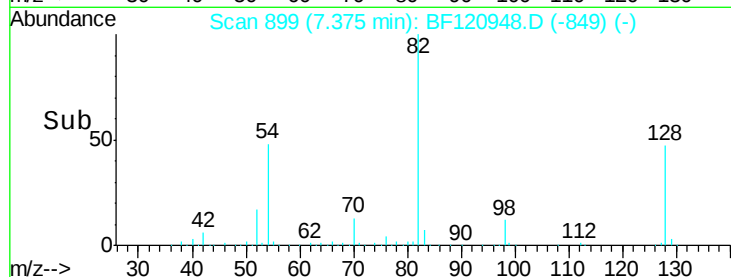
#23
 Nitrobenzene-d5
 Concen: 79.092 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Tot Ion	82	Resp	931366
Ion Ratio	100	Lower	Upper
128	47.0	38.2	57.4
54	48.3	38.7	58.1

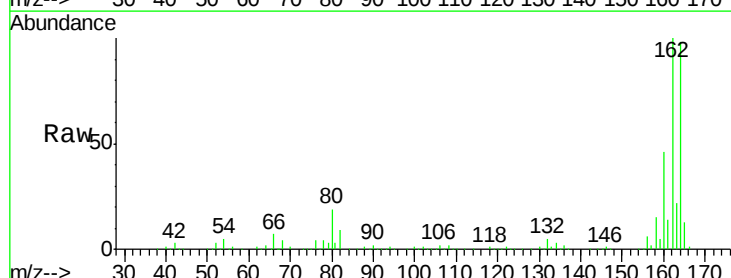


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

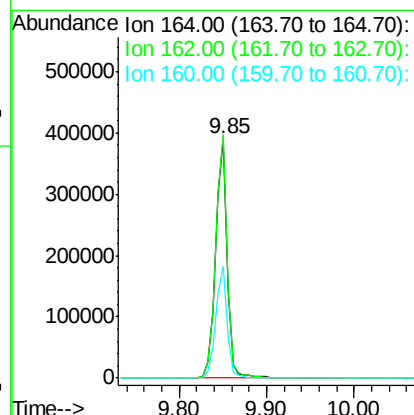
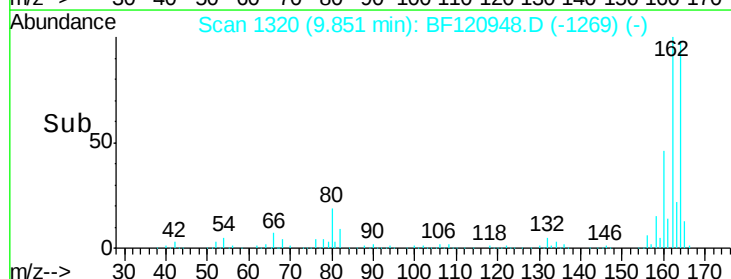


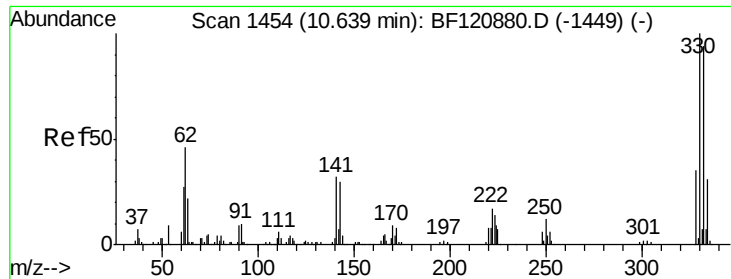
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion	164	Resp	359984
Ion Ratio	100	Lower	Upper
162	102.1	81.2	121.8
160	46.8	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

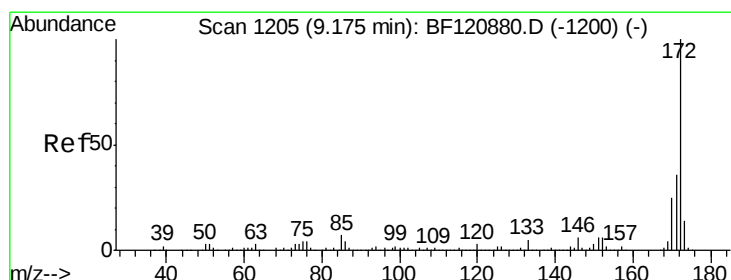
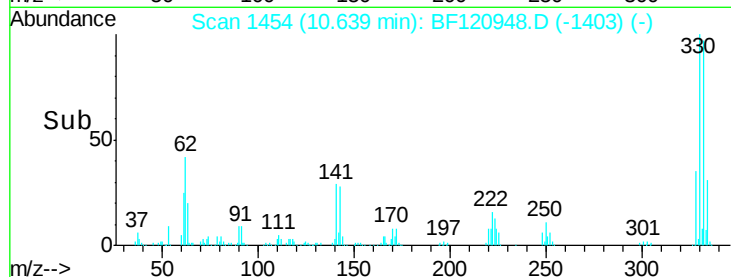
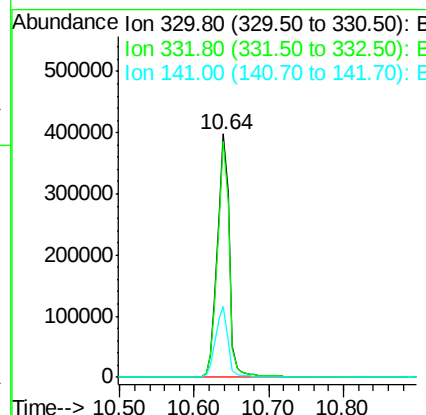
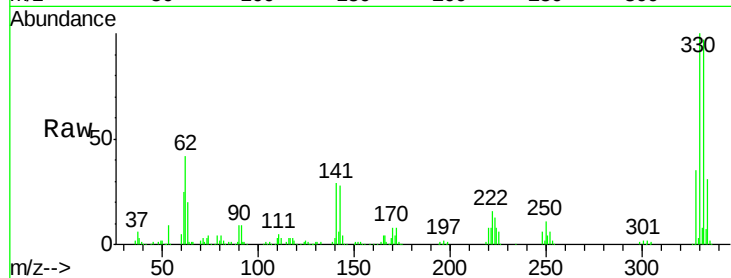




#42
 2,4,6-Tribromophenol
 Concen: 112.908 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

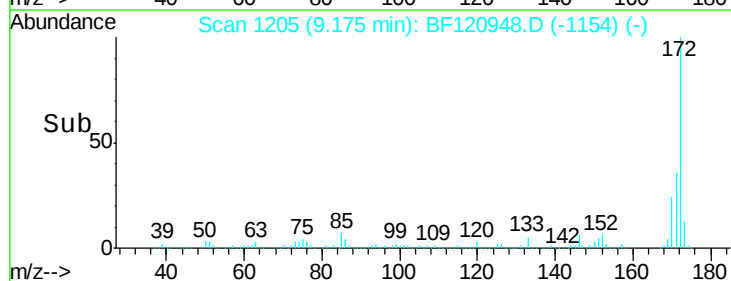
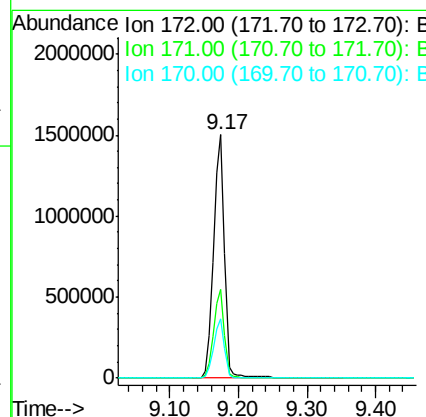
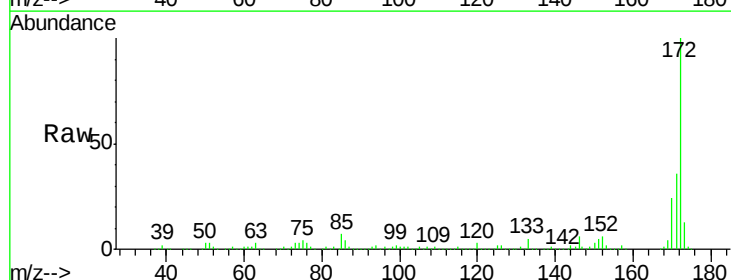
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

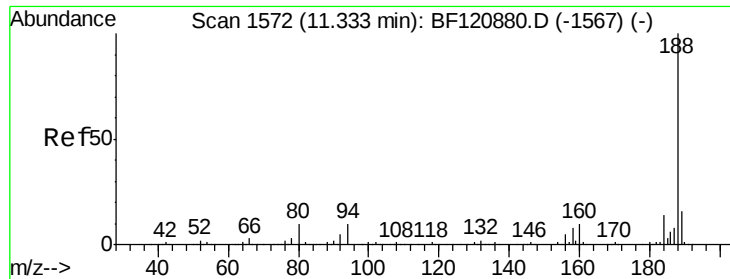
Tot Ion:330 Resp: 444901
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.5 113.3
 141 30.3 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 70.297 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:172 Resp: 1694917
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.2 19.6 29.4

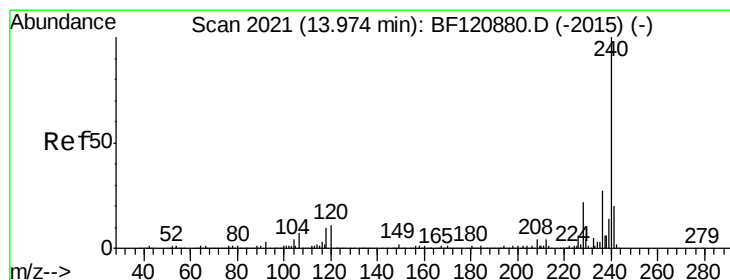
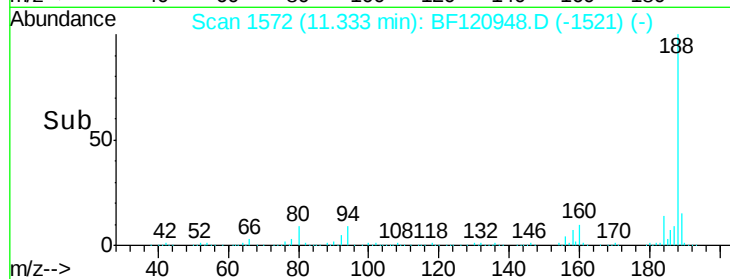
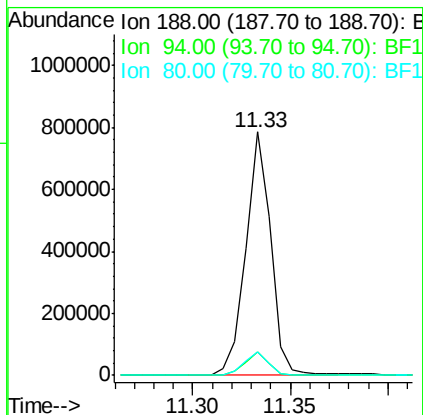
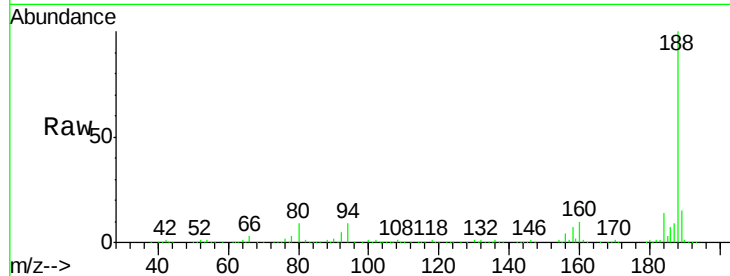




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

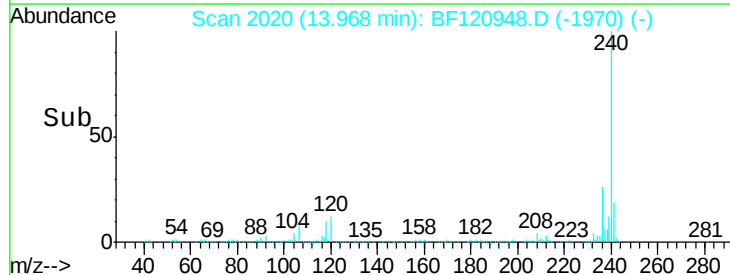
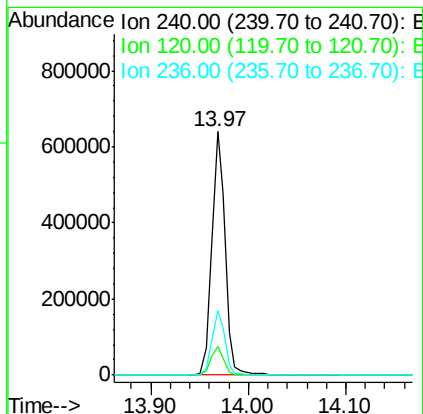
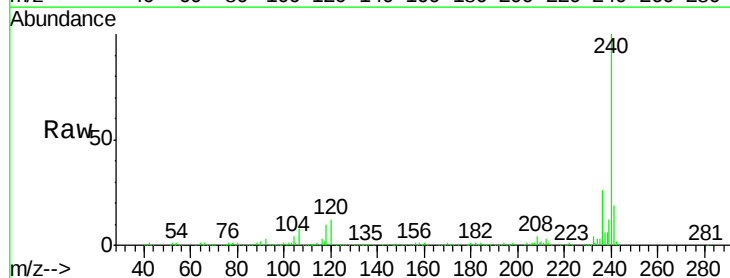
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PB130301BL

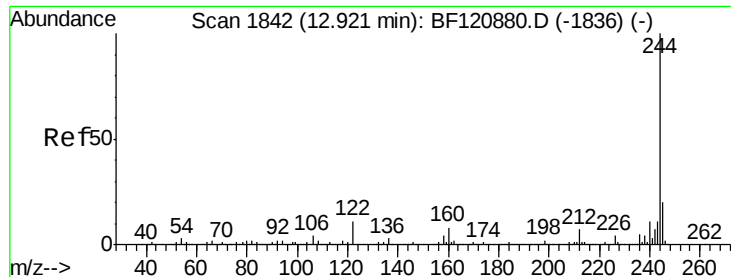
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.5	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	26.5	21.7	32.5





#79

Terphenyl-d14

Concen: 60.793 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Instrument :

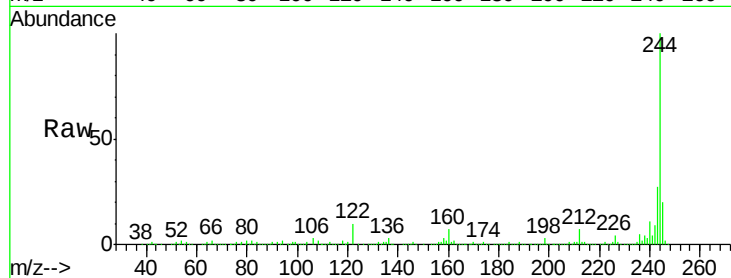
BNA_F

ClientSampleId :

PB130301BL

Tot Ion:244 Resp: 1685295

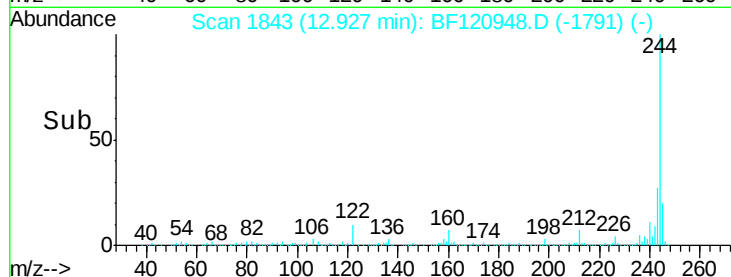
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.2	8.9	13.3



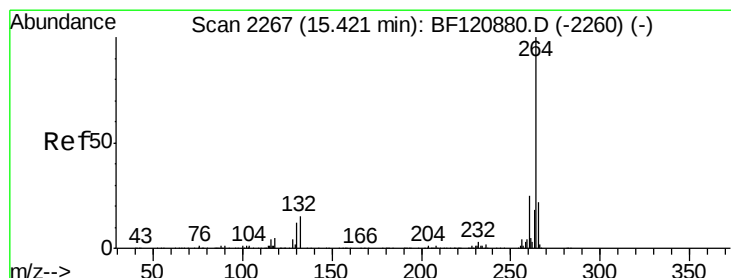
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

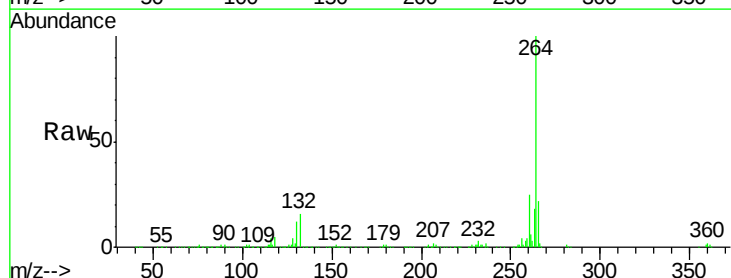
Delta R.T. 0.00 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Tgt Ion:264 Resp: 581083

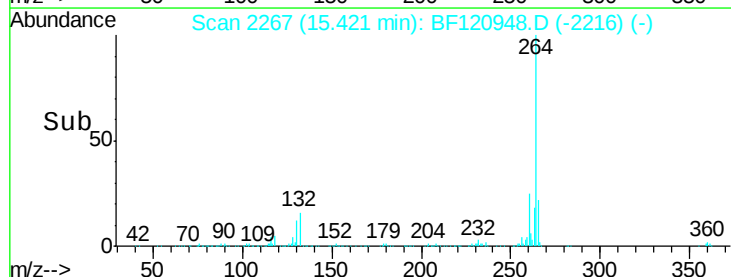
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.1	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->