

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119649.D
 Acq On : 31 Mar 2020 14:06
 Operator : MA/SJ
 Sample : L2055-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Quant Time: Mar 31 15:03:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

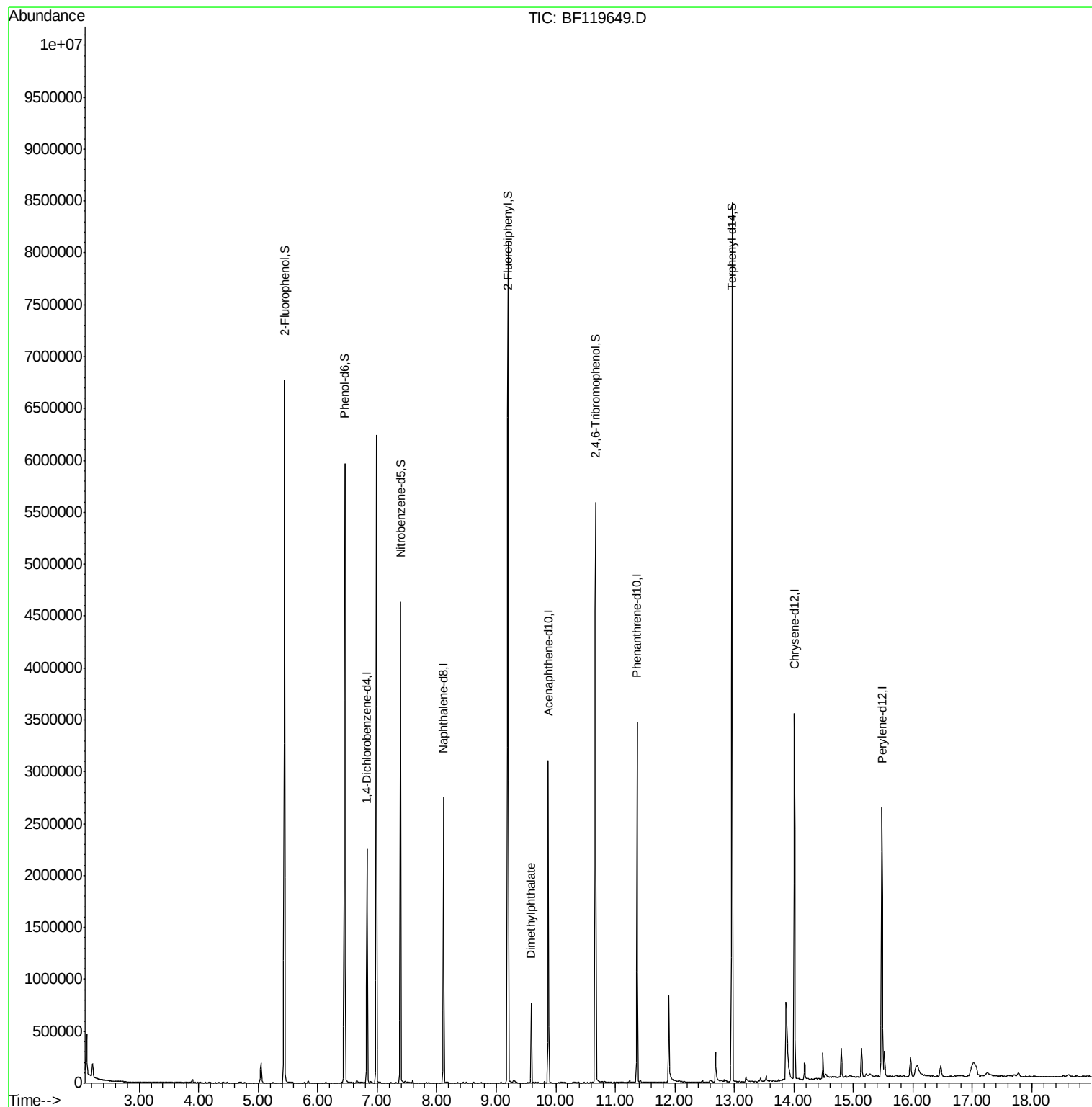
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	320852	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1214775	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	658981	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1311192	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1125649	20.00	ng	0.00
87) Perylene-d12	15.48	264	1183902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1861095	92.34	ng	0.01
7) Phenol-d6	6.46	99	2340664	90.91	ng	0.00
23) Nitrobenzene-d5	7.39	82	1433519	64.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	721793	106.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2718829	61.12	ng	0.00
79) Terphenyl-d14	12.96	244	3261787	56.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	329748	7.045	ng	Qvalue 99

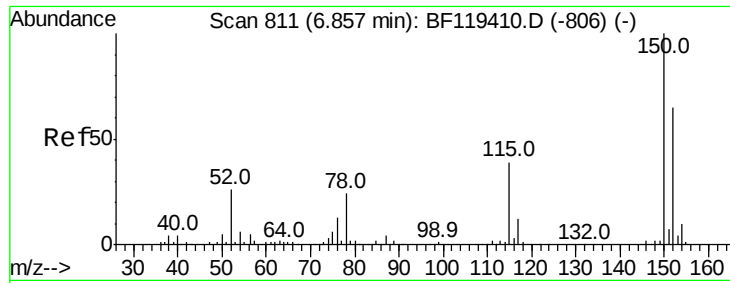
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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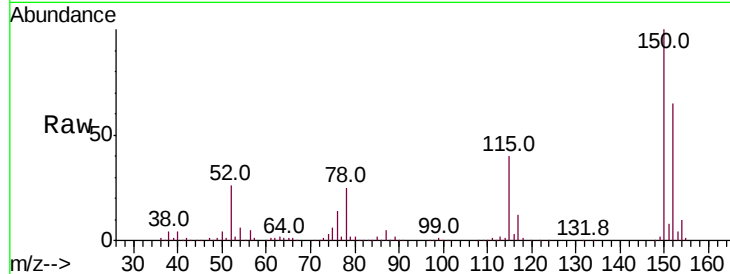


#1

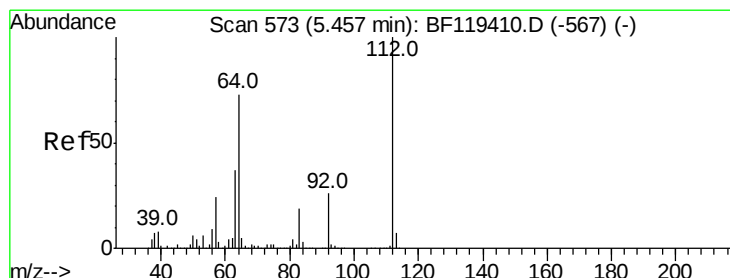
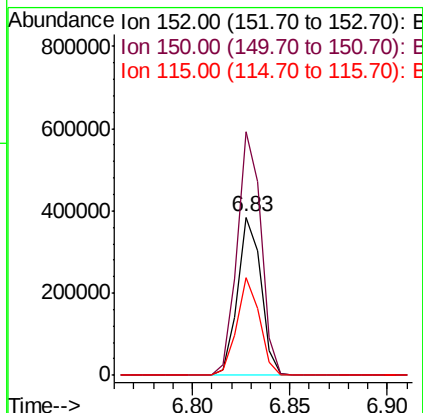
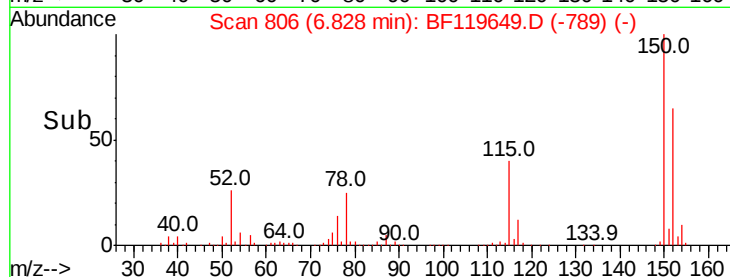
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Instrument :
BNA_F
ClientSampleId :
SB-2-(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.5	186.7
115	61.5	49.6	74.4



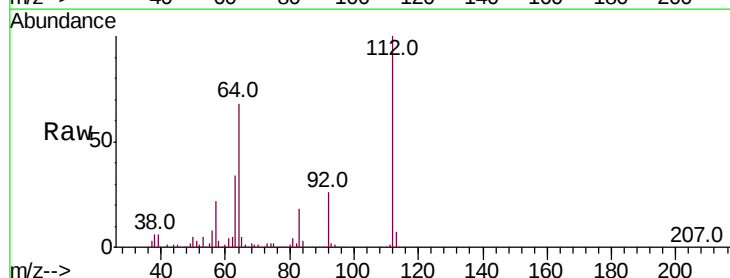
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



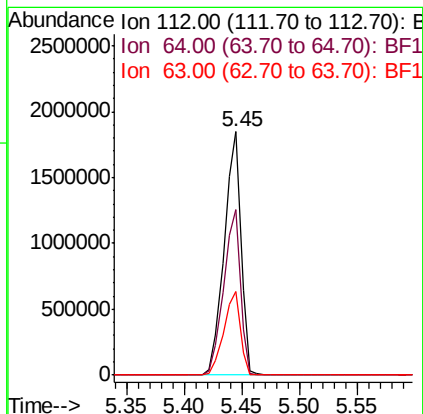
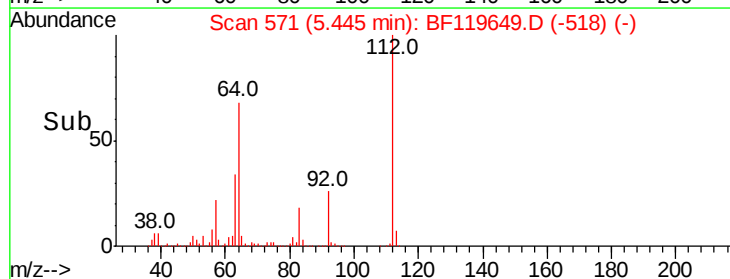
#5

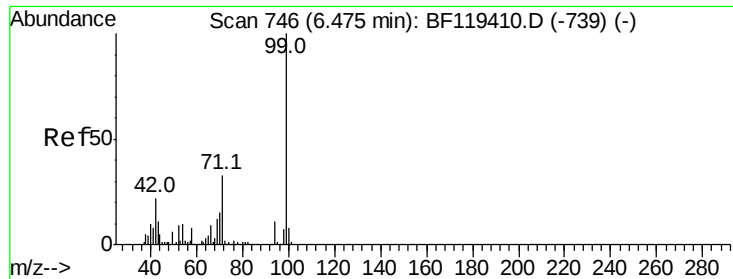
2-Fluorophenol
Concen: 92.338 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.7	85.1
63	34.3	29.5	44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.911 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

BNA_F

ClientSampleId :

SB-2-(10-12)

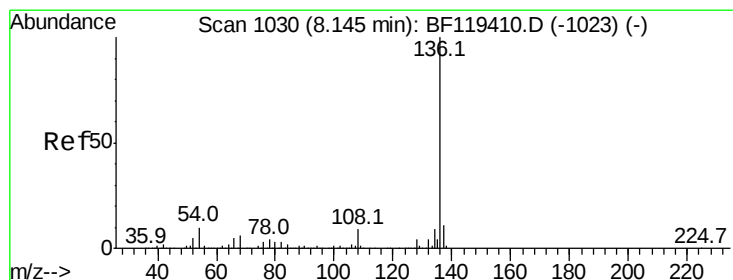
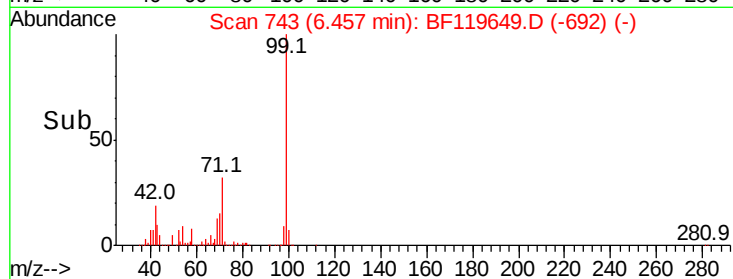
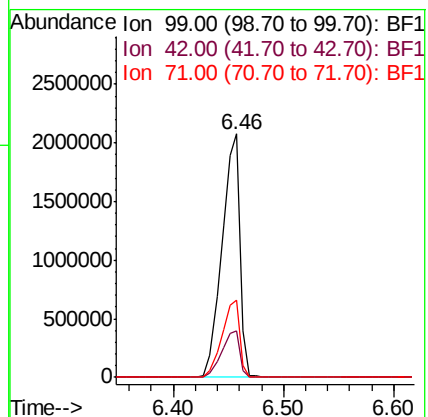
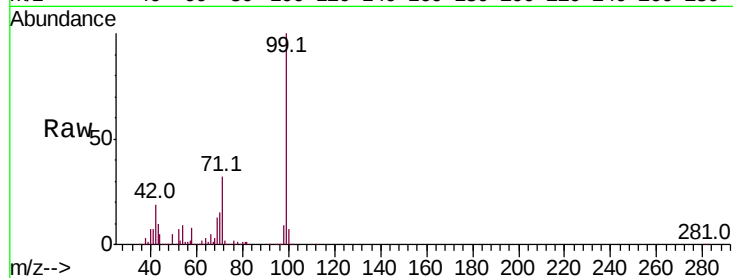
Tot Ion: 99 Resp: 2340664

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 31.7 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Tgt Ion: 136 Resp: 1214775

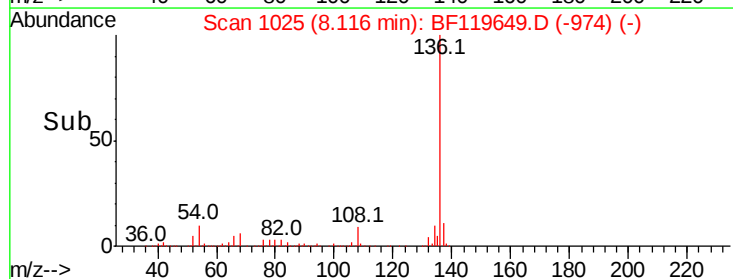
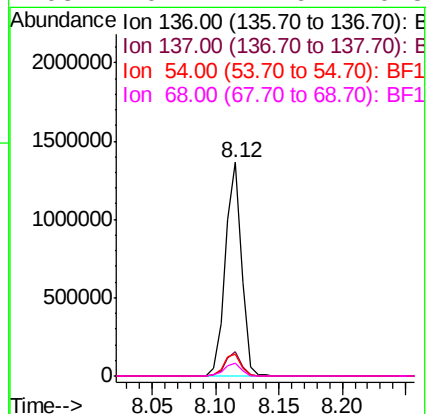
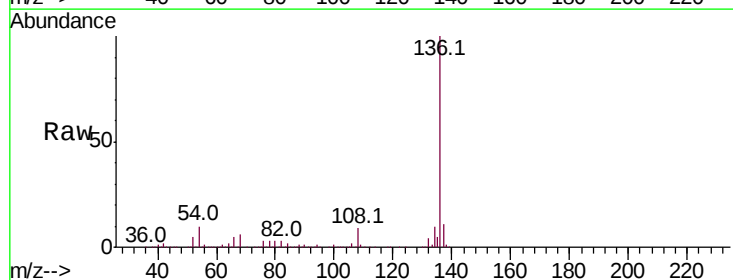
Ion Ratio Lower Upper

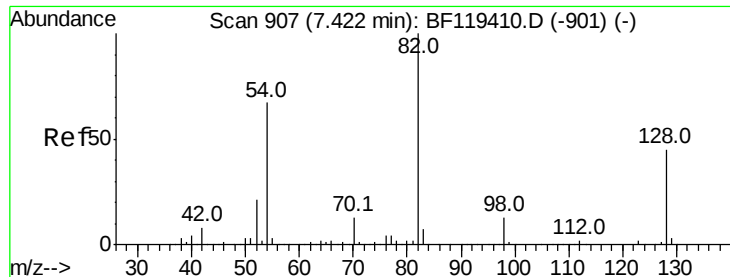
136 100

137 11.2 8.7 13.1

54 10.0 9.1 13.7

68 6.2 4.6 6.8

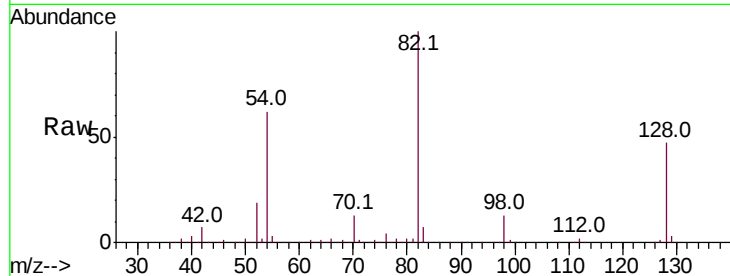




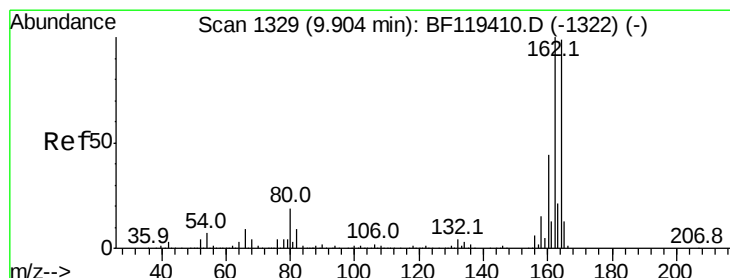
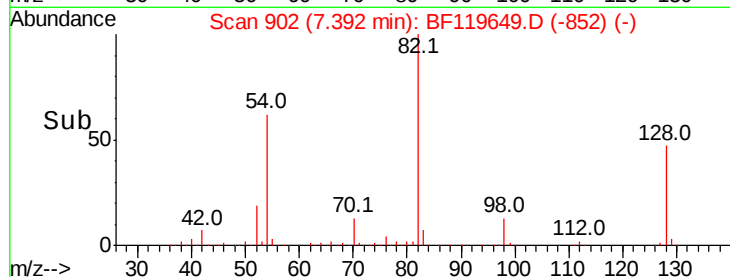
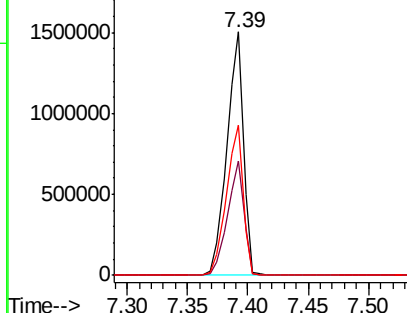
#23
Nitrobenzene-d5
Concen: 64.134 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Instrument :
BNA_F
ClientSampleId :
SB-2-(10-12)

Tot Ion: 82 Resp: 1433519
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 61.6 50.6 75.8

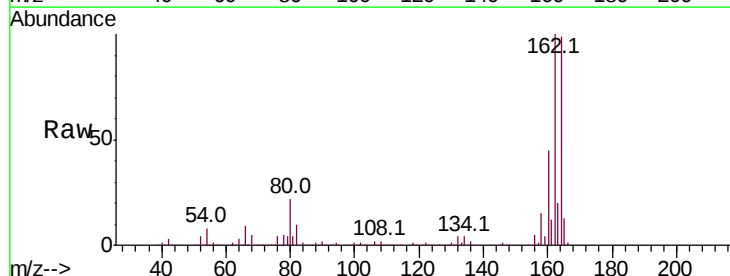


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

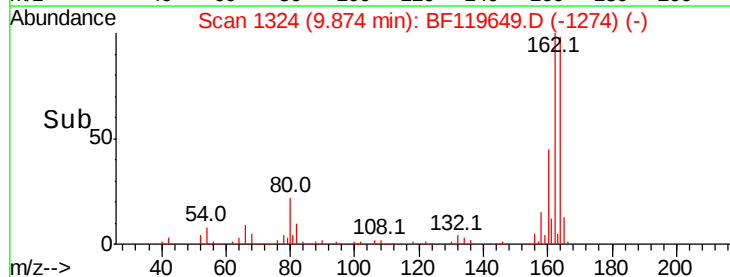
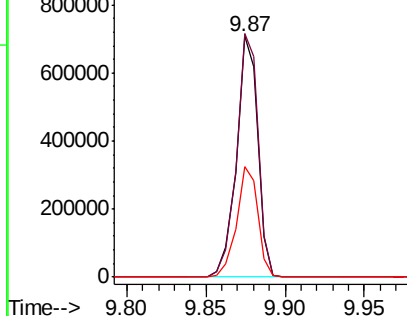


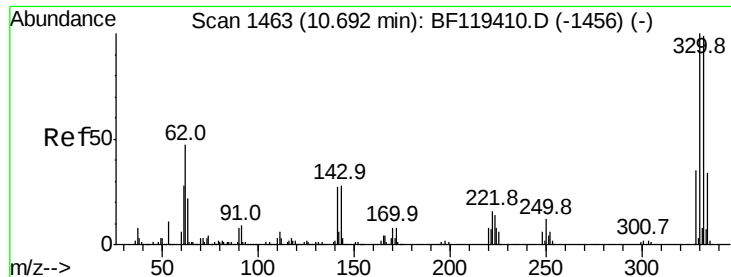
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Tgt Ion:164 Resp: 658981
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.7 35.7 53.5



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

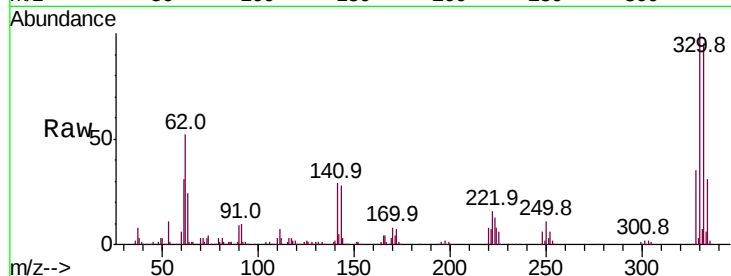




#42
 2,4,6-Tribromophenol
 Concen: 106.170 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	30.0	25.4	38.0

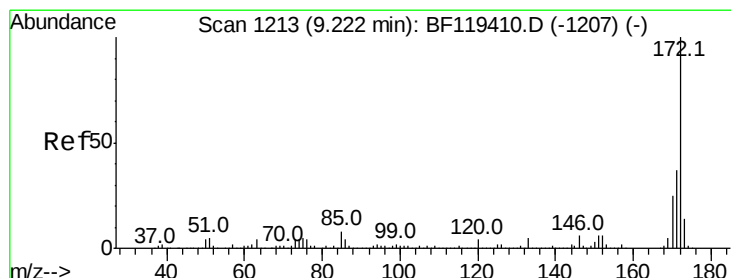
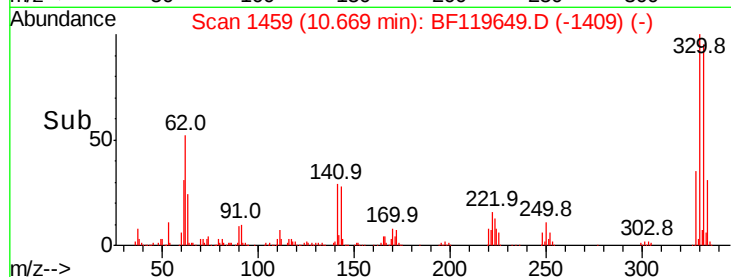
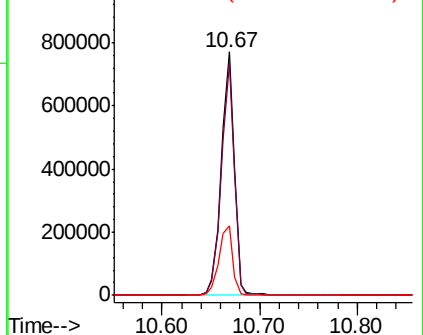


Abundance

Ion 329.80 (329.50 to 330.50): E

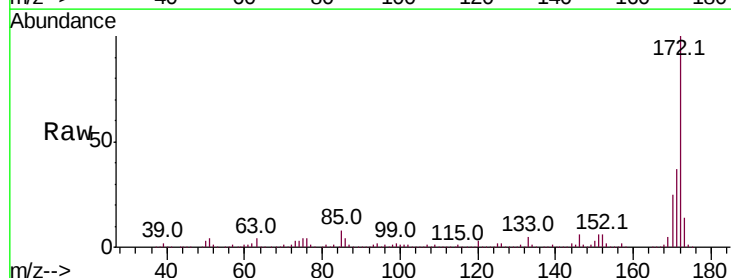
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.123 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	20.2	30.2

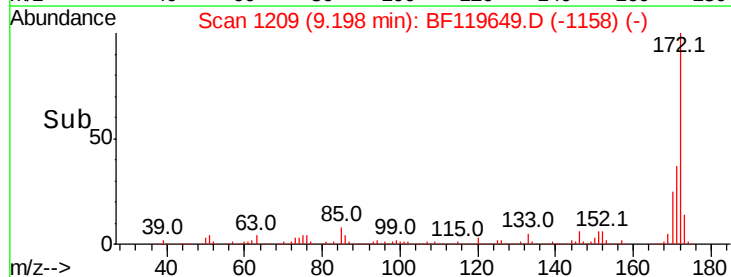
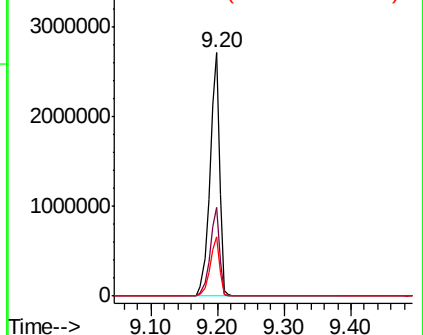


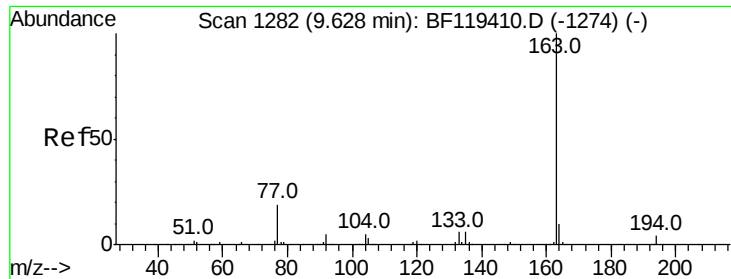
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

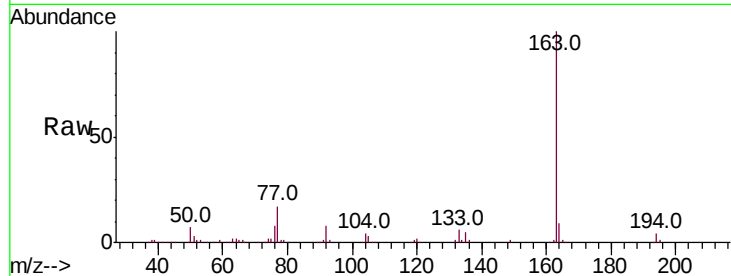




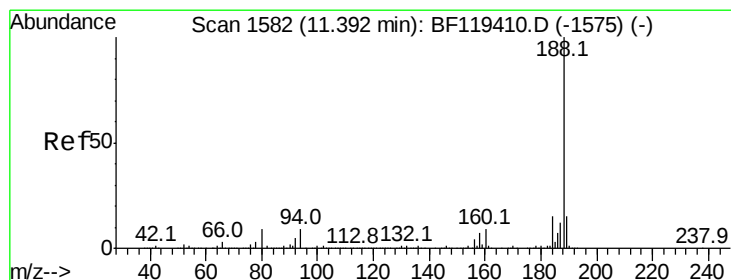
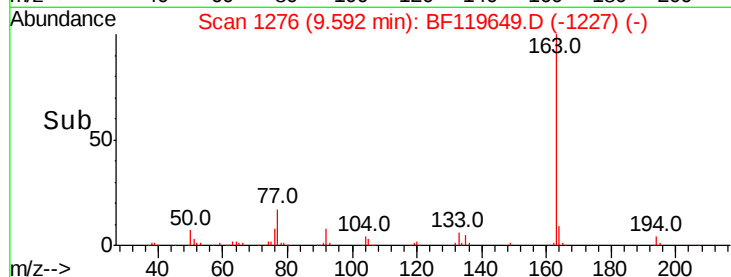
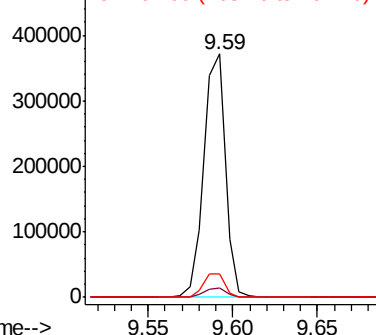
#50
Dimethylphthalate
Concen: 7.045 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Instrument :
BNA_F
ClientSampleId :
SB-2-(10-12)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.5	8.2	12.2

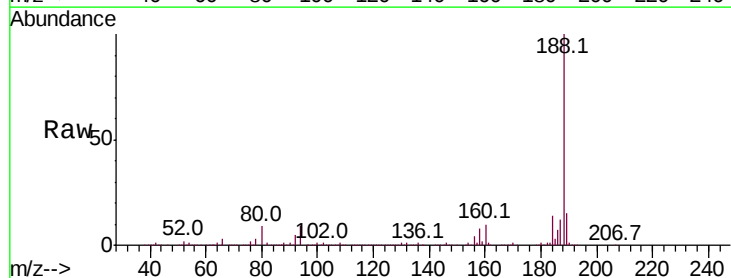


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

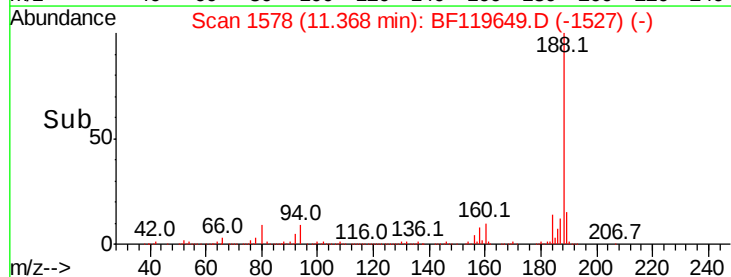
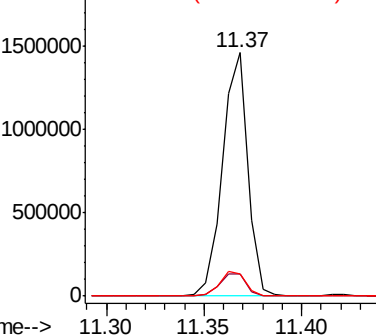


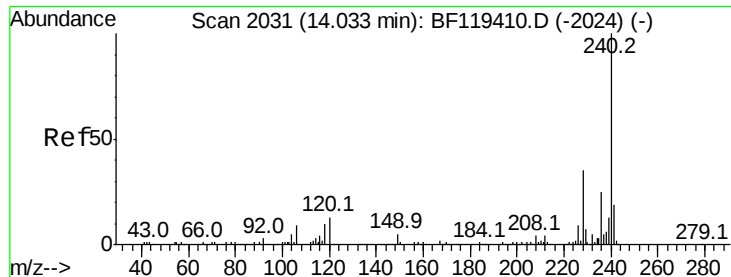
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119649.D
Acq: 31 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.3	9.0	13.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Instrument :

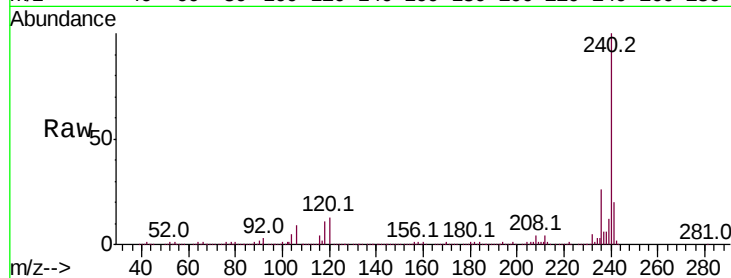
BNA_F

ClientSampleId :

SB-2-(10-12)

Tot Ion:240 Resp: 1125649

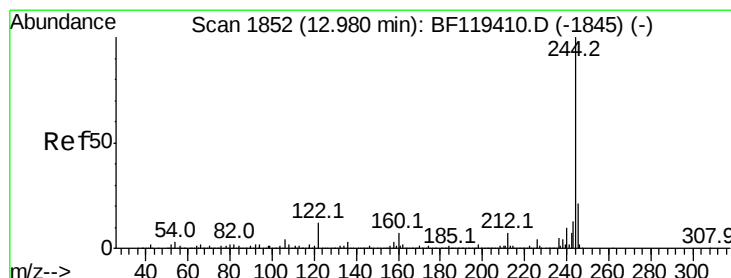
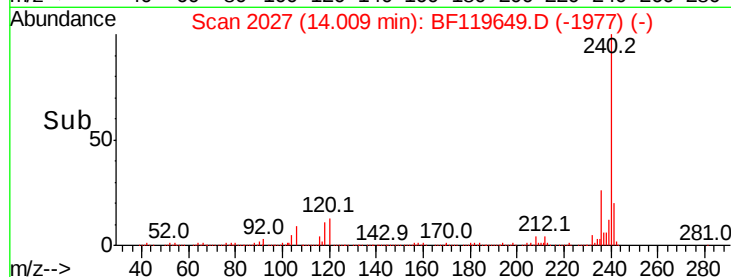
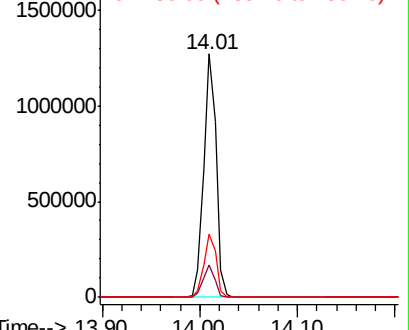
Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.6	15.8
236	26.2	20.2	30.2



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: 56.772 ng

RT: 12.96 min Scan# 1849

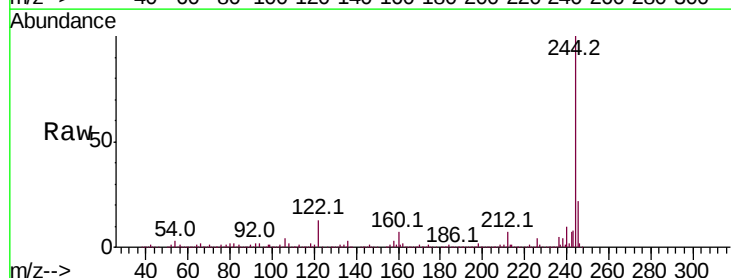
Delta R.T. -0.00 min

Lab File: BF119649.D

Acq: 31 Mar 2020 14:06

Tgt Ion:244 Resp: 3261787

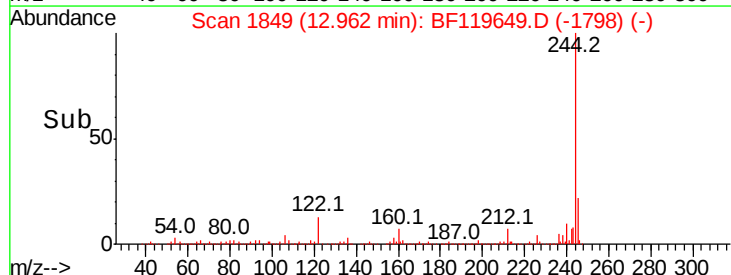
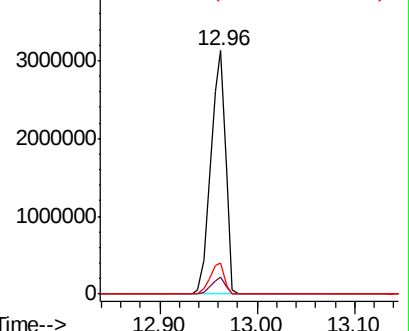
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	10.3	15.5

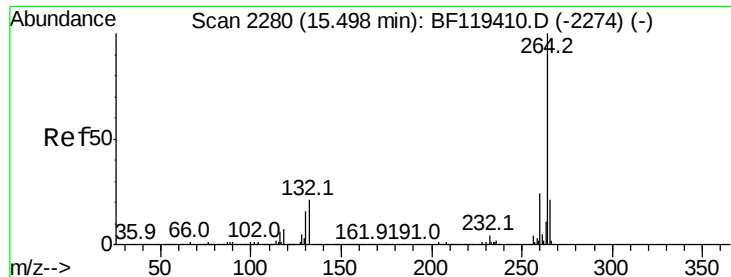


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF119649.D
 Acq: 31 Mar 2020 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(10-12)

Tot Ion:264 Resp: 1183902
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.8 17.7 26.5

