

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113444.D
 Acq On : 30 Mar 2019 6:52
 Operator : JU/SJ
 Sample : K2138-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6B(12-20)COMP

Quant Time: Apr 01 04:18:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155786	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	577879	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	264269	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	489360	20.00	ng	0.00
76) Chrysene-d12	13.84	240	532737	20.00	ng	0.00
87) Perylene-d12	15.24	264	431994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	992353	104.16	ng	0.02
7) Phenol-d6	6.36	99	1133661	94.06	ng	0.00
23) Nitrobenzene-d5	7.27	82	826538	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	403830	123.71	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1528655	92.15	ng	0.00
79) Terphenyl-d14	12.80	244	1680497	69.53	ng	0.00

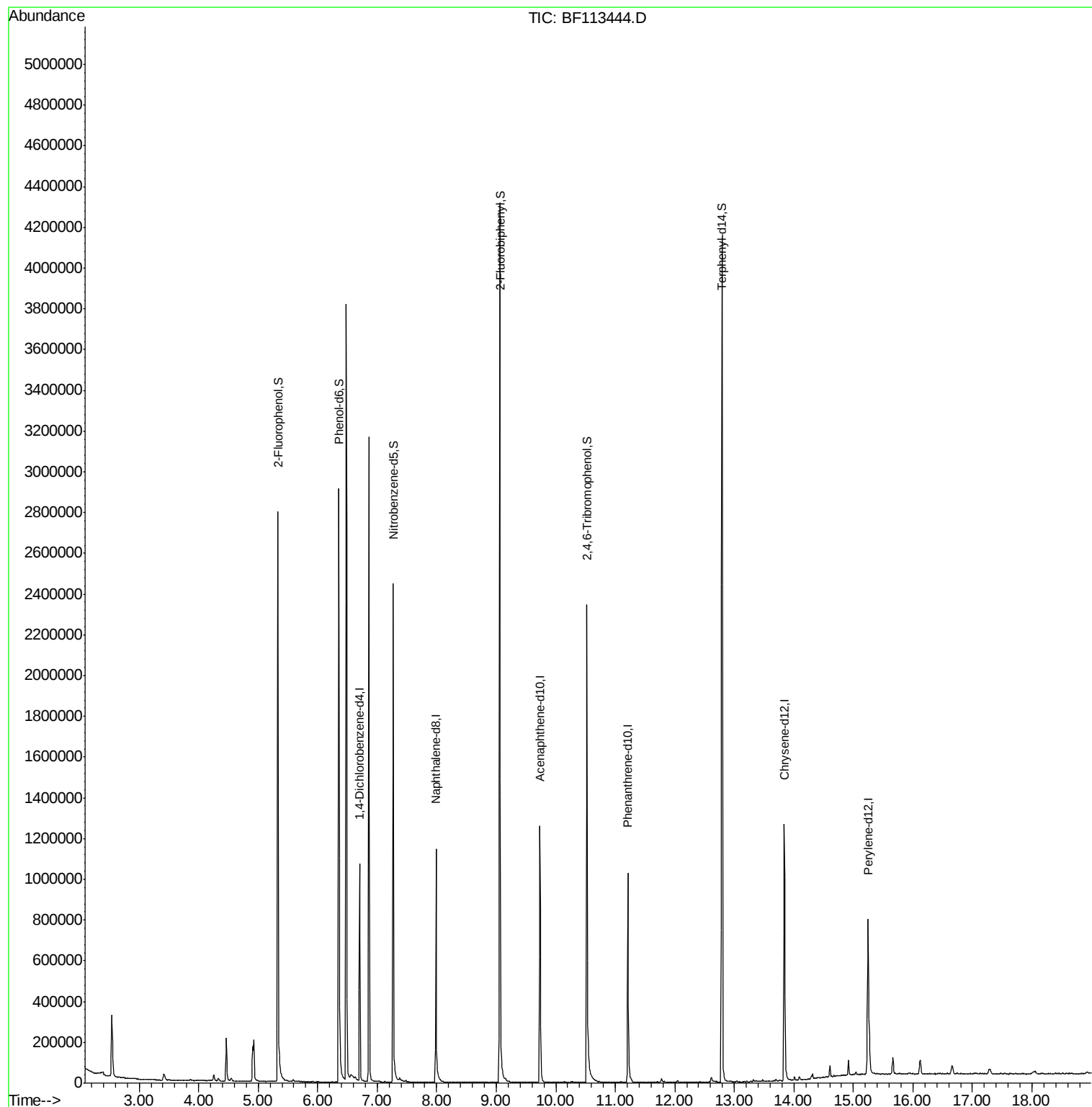
Target Compounds Qvalue

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

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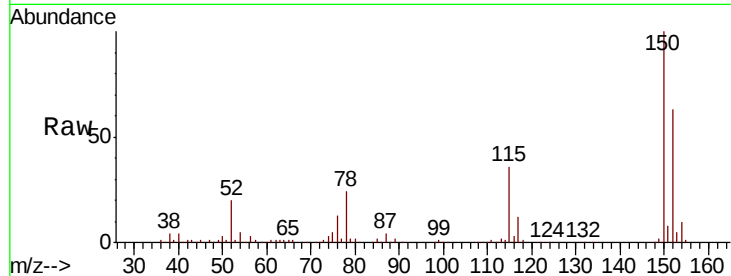


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
S6B(12-20)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	57.3	46.0	69.0

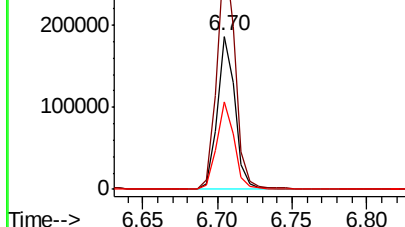
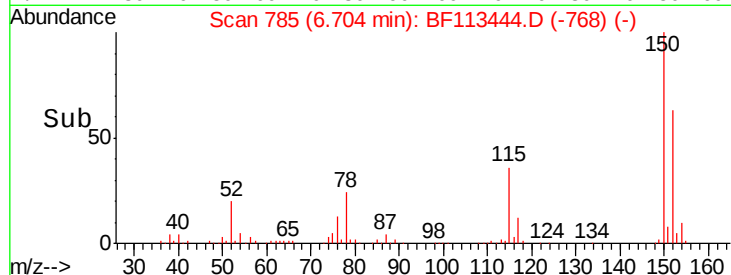


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

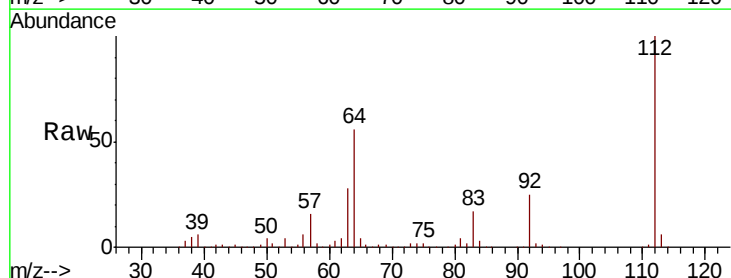
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.157 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113444.D
Acq: 30 Mar 2019 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.2	73.8
63	28.4	24.9	37.3

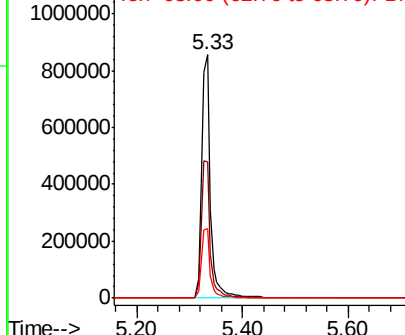
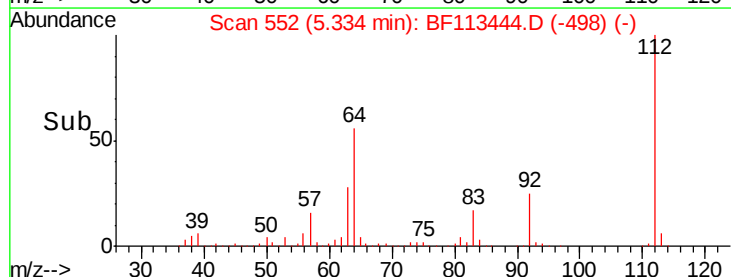


Abundance

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: 94.058 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Instrument :

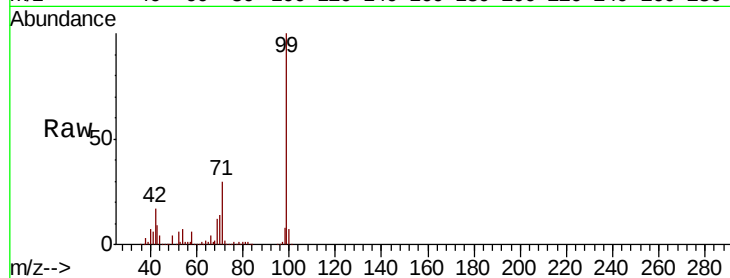
BNA_F

ClientSampleId :

S6B(12-20)COMP

Tot Ion: 99 Resp: 1133661

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	30.5	24.9	37.3

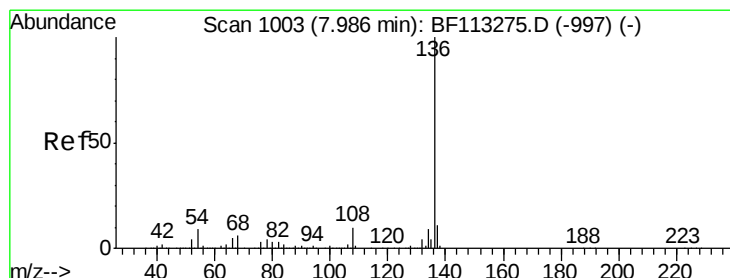
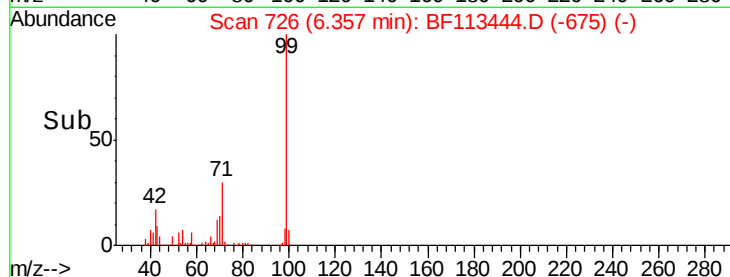
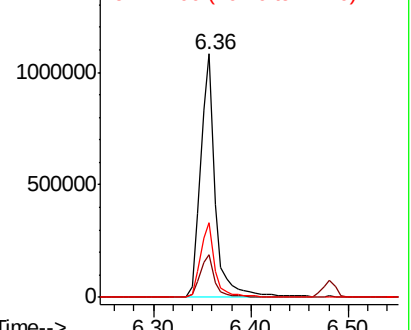


Abundance

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: 7.99 min Scan# 1003

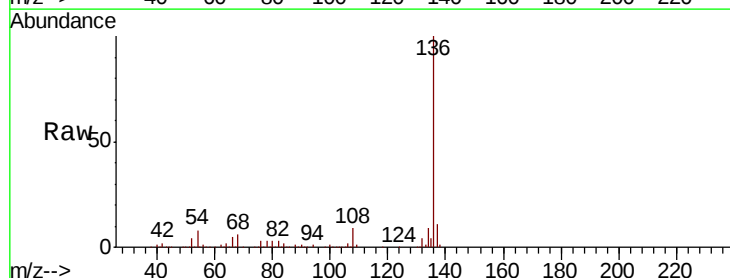
Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Tgt Ion: 136 Resp: 577879

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	6.2	4.8	7.2



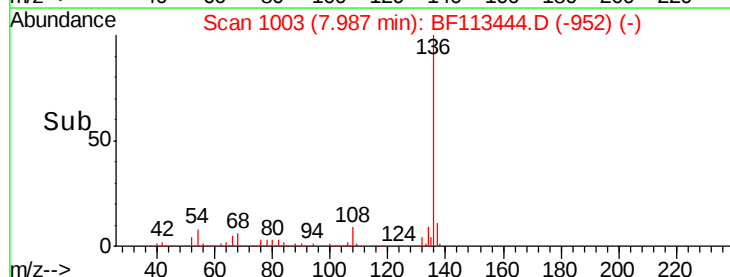
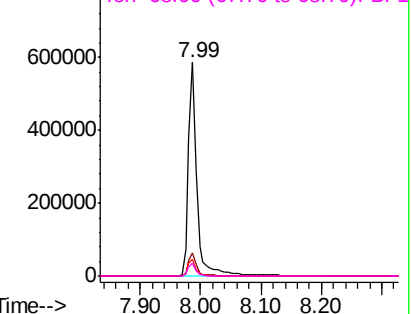
Abundance

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

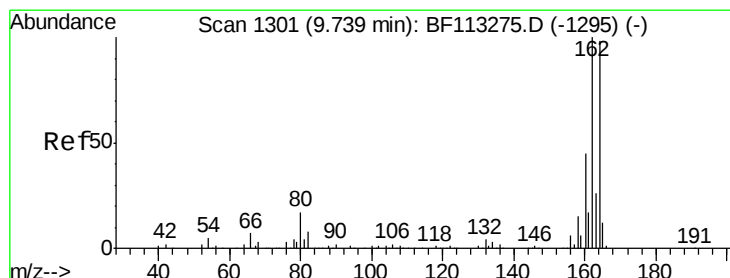
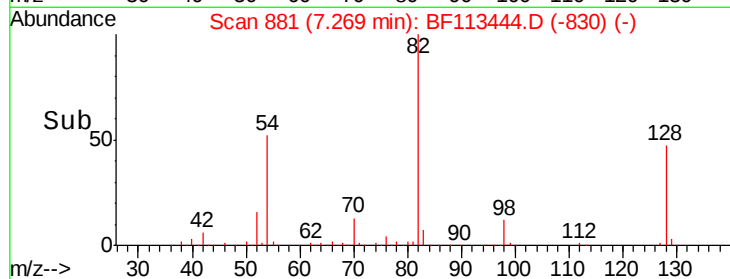
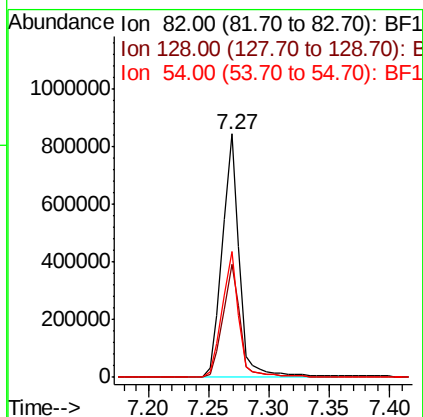
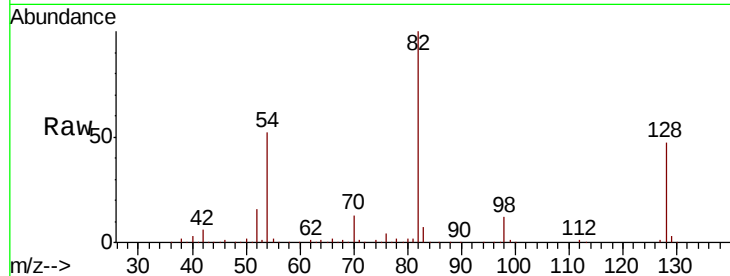




#23
 Nitrobenzene-d5
 Concen: 84.894 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

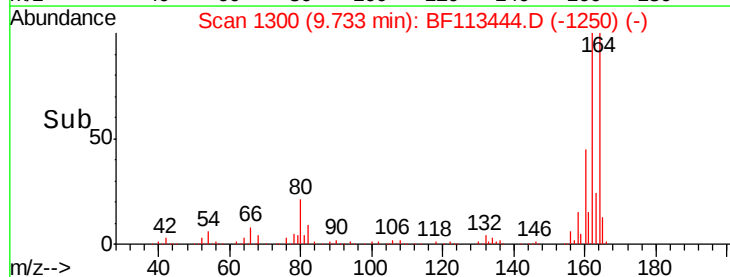
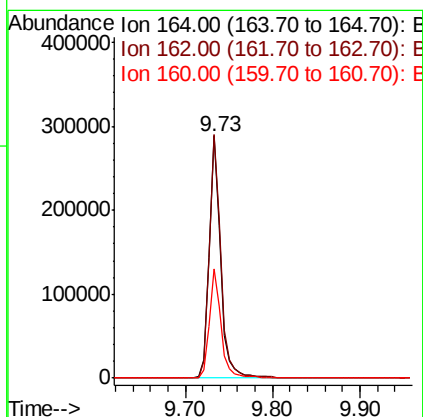
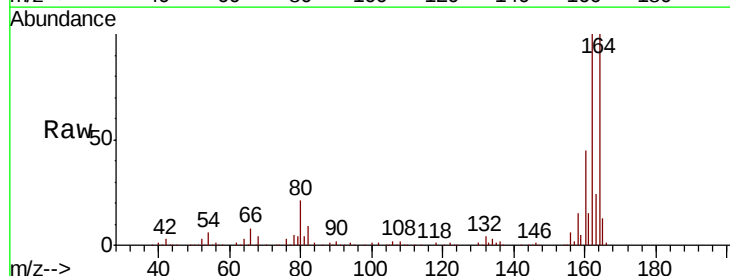
Instrument :
 BNA_F
 ClientSampleId :
 S6B(12-20)COMP

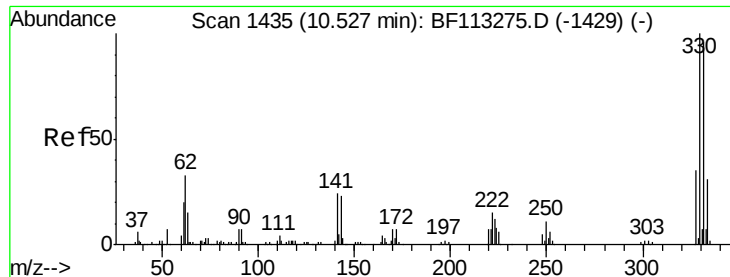
Tot Ion: 82 Resp: 826538
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.5 54.7
 54 51.6 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

Tgt Ion: 164 Resp: 264269
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.8 122.6
 160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 123.710 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Instrument :

BNA_F

ClientSampleId :

S6B(12-20)COMP

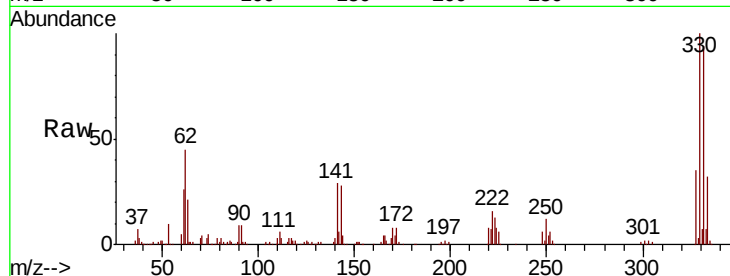
Tot Ion:330 Resp: 403830

Ion Ratio Lower Upper

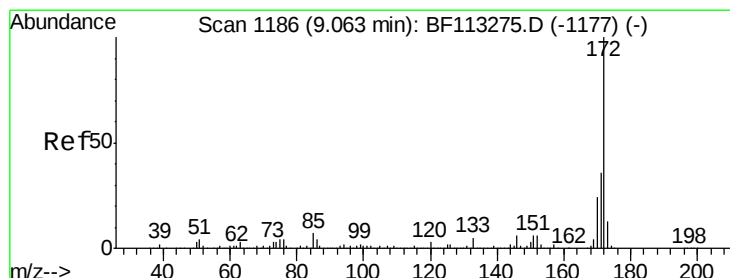
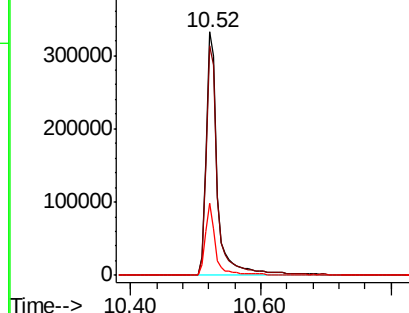
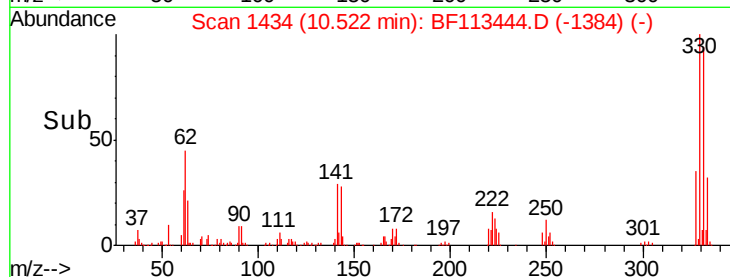
330 100

332 96.3 77.8 116.6

141 27.2 22.7 34.1



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: 92.146 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

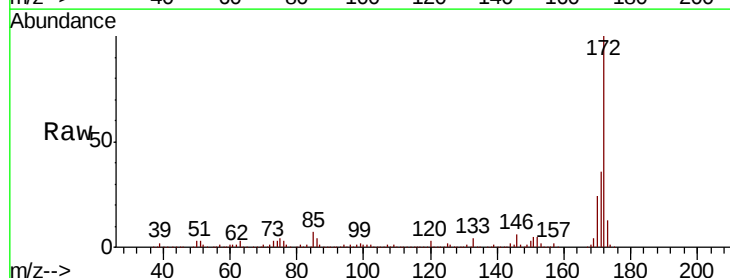
Tgt Ion:172 Resp: 1528655

Ion Ratio Lower Upper

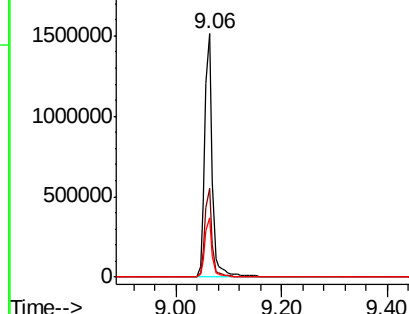
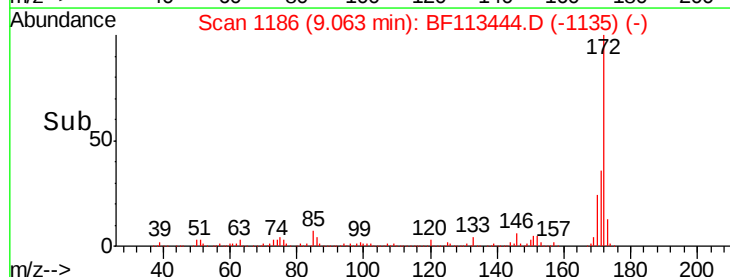
172 100

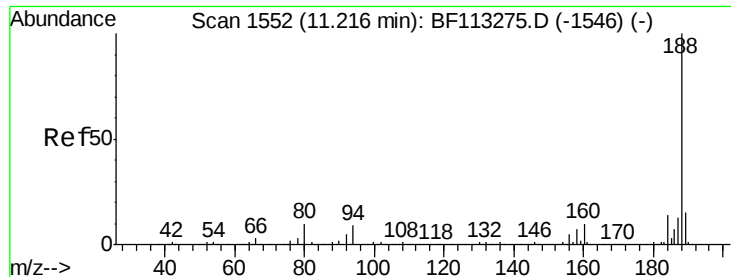
171 36.2 29.0 43.6

170 24.4 19.5 29.3



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

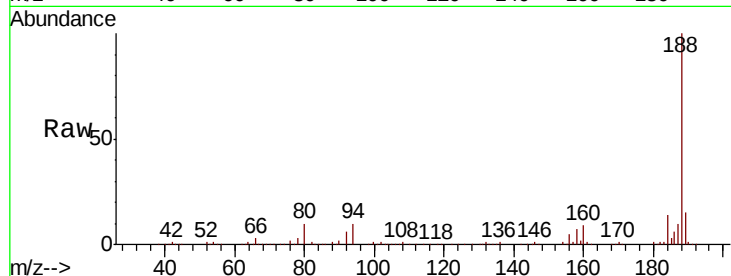




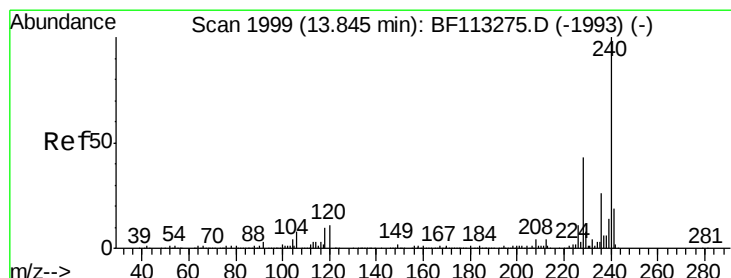
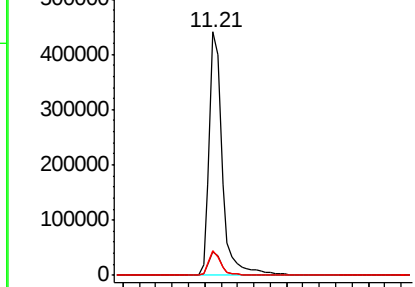
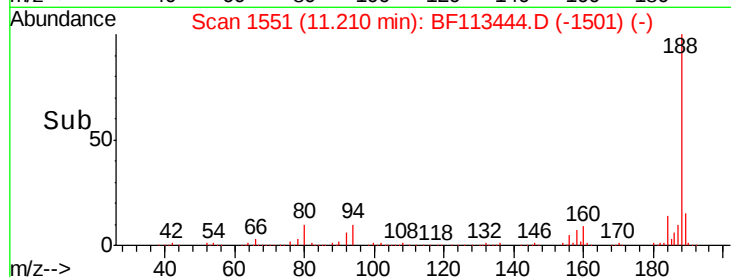
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

Instrument :
 BNA_F
 ClientSampleId :
 S6B(12-20)COMP

Tot Ion	188	Ratio	Lower	Upper
188	100			
94	9.6	7.0	10.6	
80	9.9	7.7	11.5	

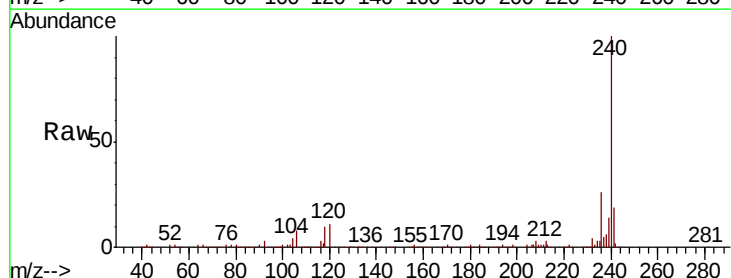


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

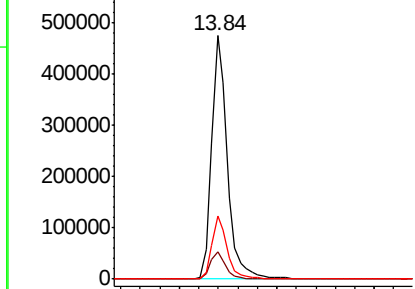
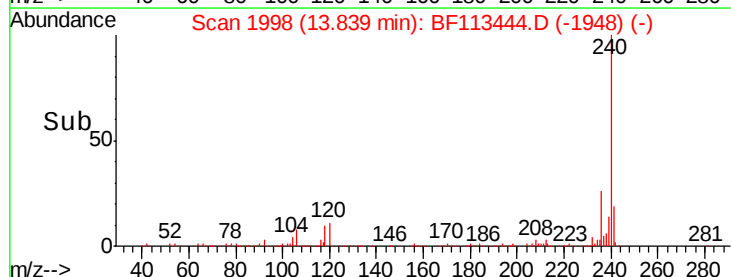


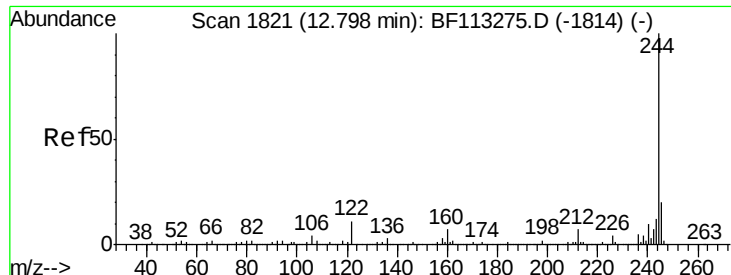
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113444.D
 Acq: 30 Mar 2019 6:52

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	11.4	8.8	13.2	
236	25.7	20.9	31.3	



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: 69.530 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Instrument :

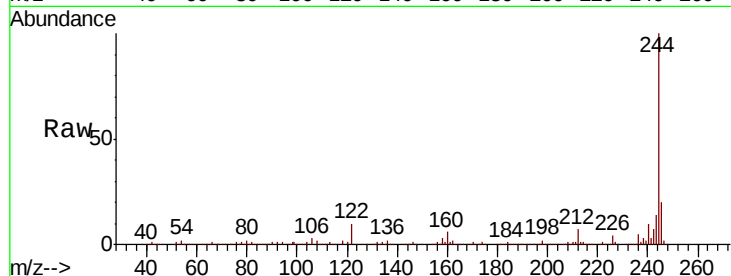
BNA_F

ClientSampleId :

S6B(12-20)COMP

Tot Ion:244 Resp: 1680497

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	9.7	8.6	13.0

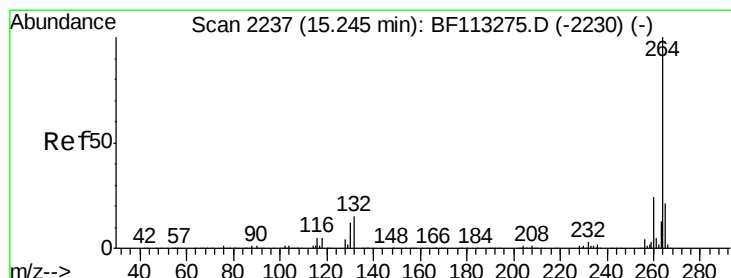
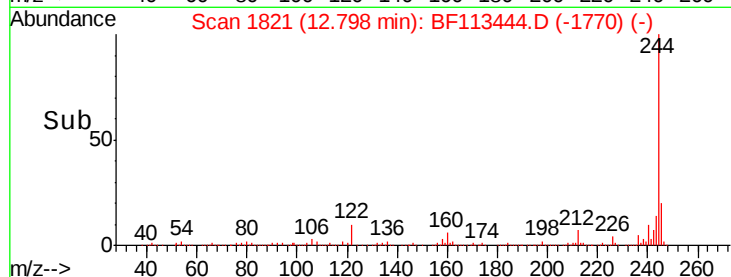
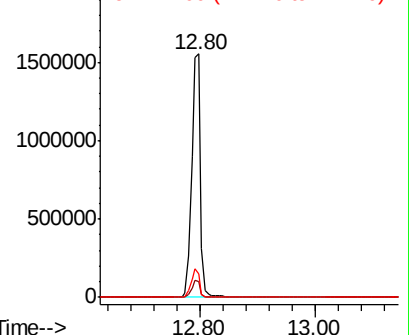


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

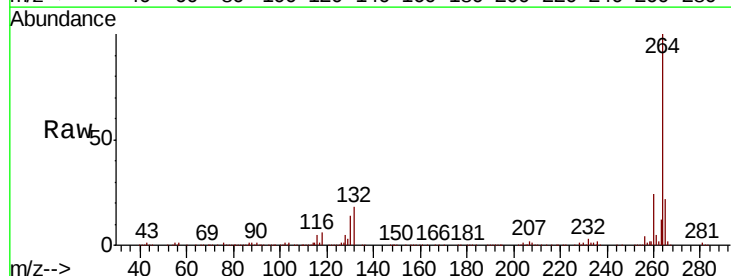
Delta R.T. 0.00 min

Lab File: BF113444.D

Acq: 30 Mar 2019 6:52

Tgt Ion:264 Resp: 431994

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.4	17.1	25.7



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

