

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113445.D
 Acq On : 30 Mar 2019 7:20
 Operator : JU/SJ
 Sample : K2139-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Quant Time: Apr 01 04:20:50 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	152609	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	564279	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	252889	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	457535	20.00	ng	0.00
76) Chrysene-d12	13.84	240	480923	20.00	ng	0.00
87) Perylene-d12	15.24	264	391562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	832402	89.19	ng	0.01
7) Phenol-d6	6.35	99	924320	78.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	726298	76.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	329268	105.41	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1353288	83.58	ng	0.00
79) Terphenyl-d14	12.79	244	1399844	64.16	ng	0.00

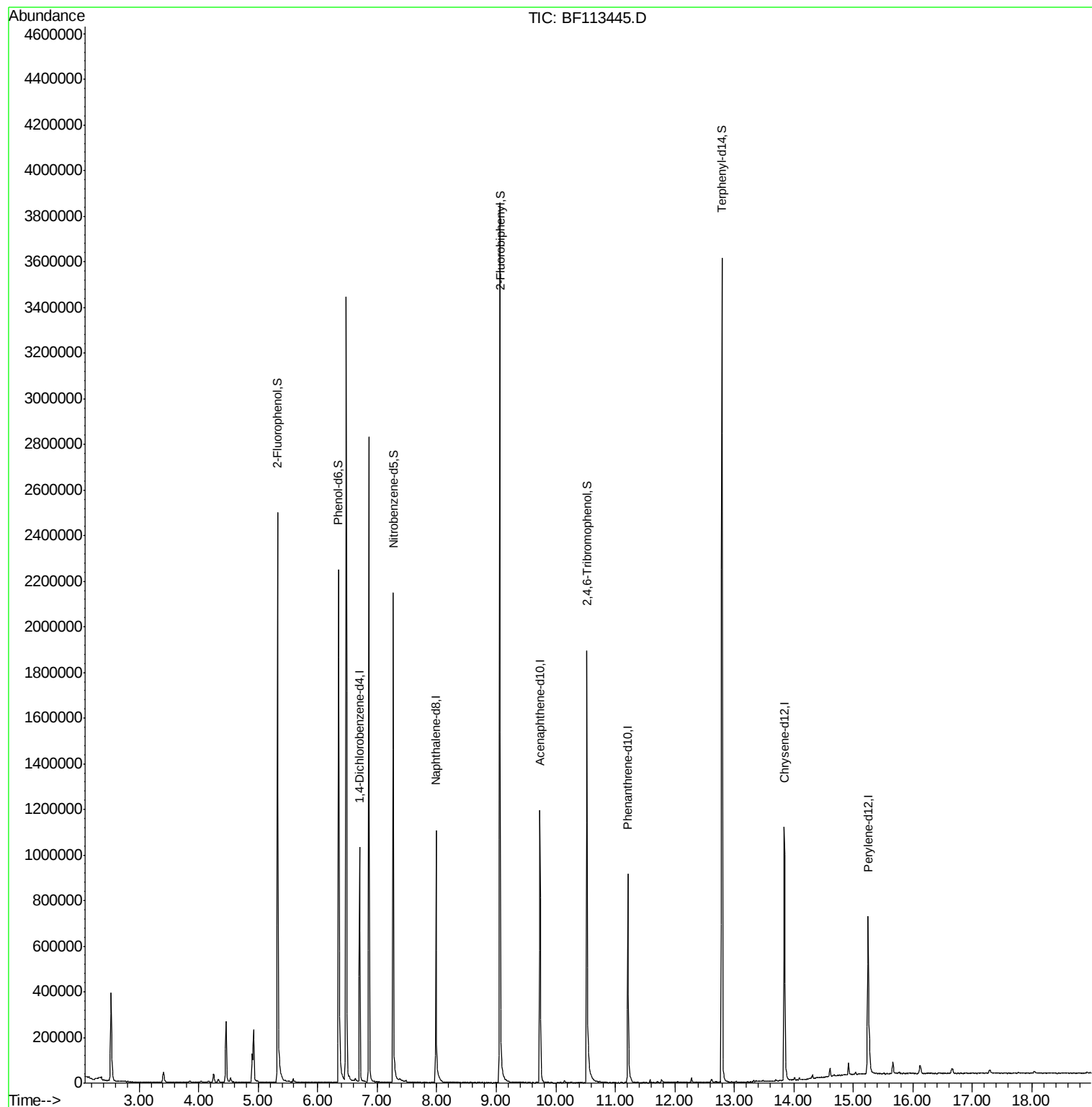
Target Compounds Qvalue

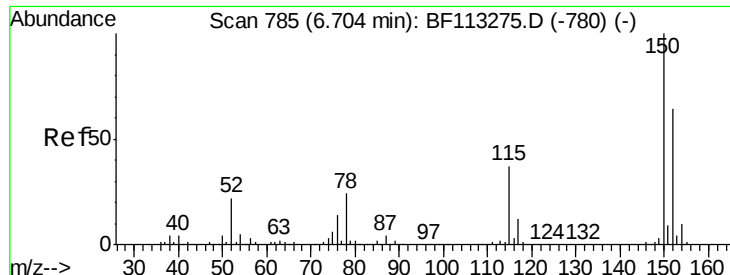
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

S7B(2-10)COMP

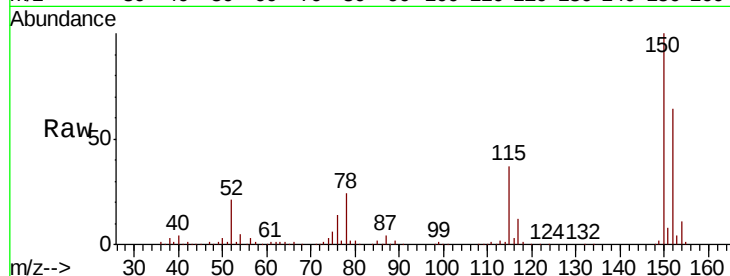
Tot Ion:152 Resp: 152609

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

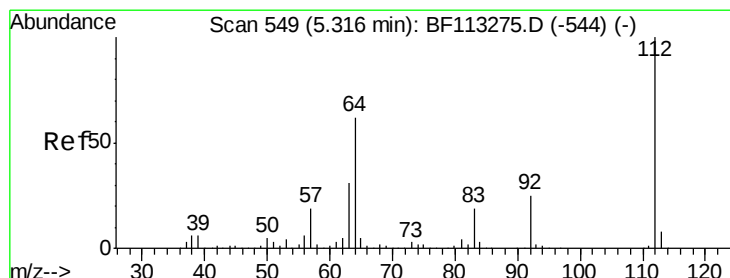
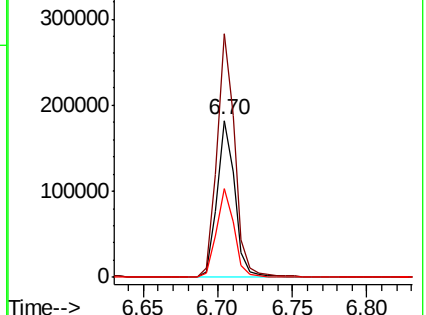
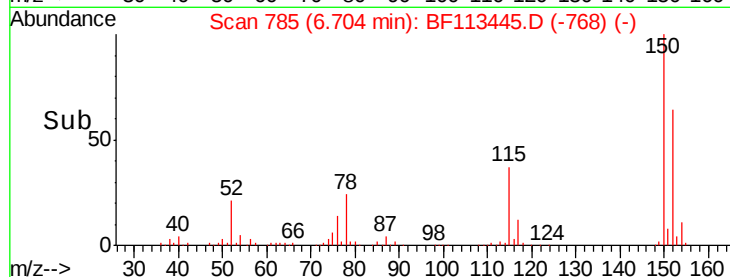
115 56.8 46.0 69.0



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: 89.187 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

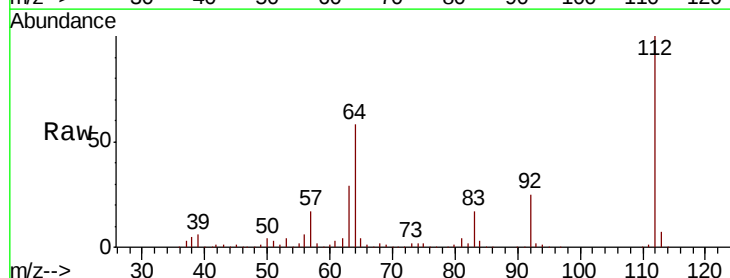
Tgt Ion:112 Resp: 832402

Ion Ratio Lower Upper

112 100

64 57.6 49.2 73.8

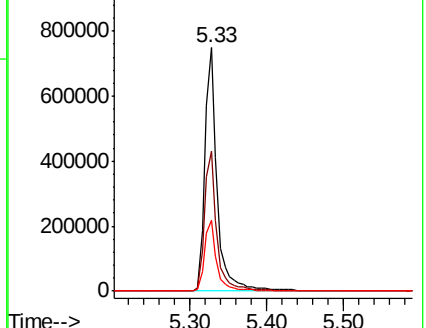
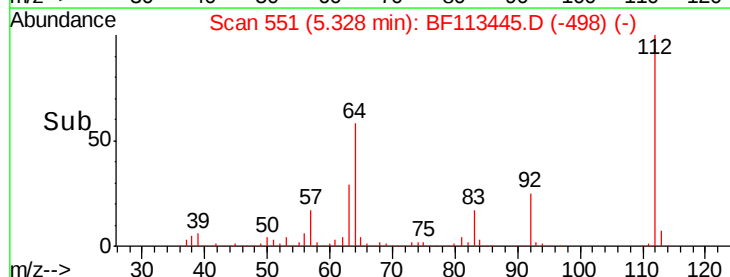
63 29.2 24.9 37.3



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: 78.286 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

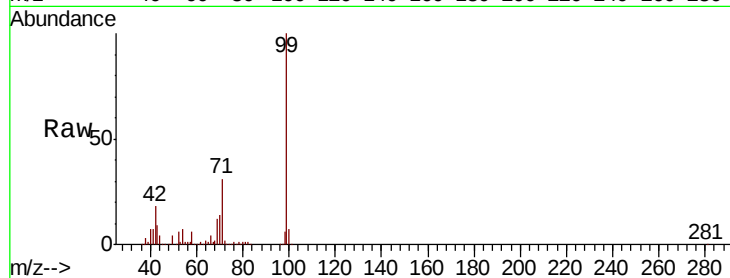
BNA_F

ClientSampleId :

S7B(2-10)COMP

Tot Ion: 99 Resp: 924320

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	30.9	24.9	37.3

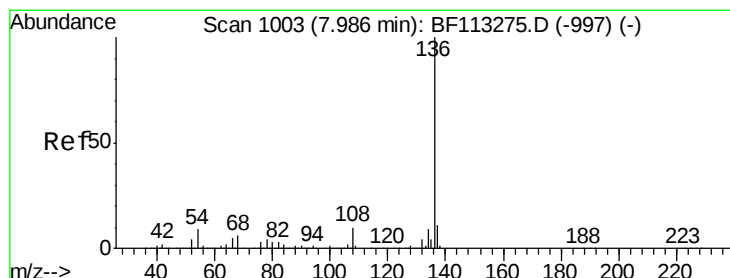
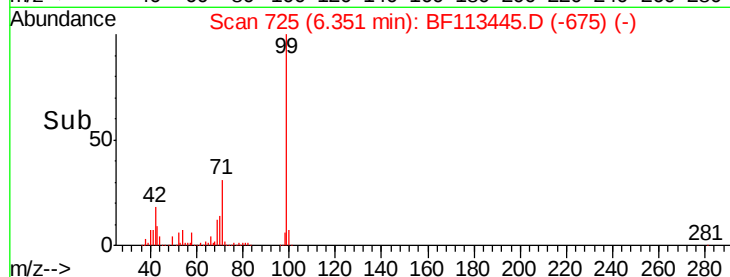
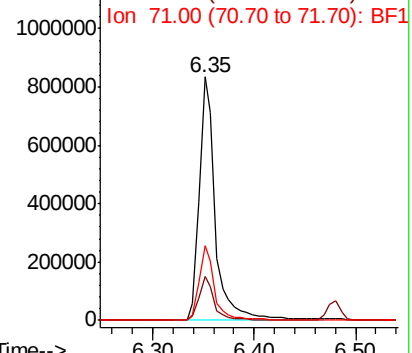


Abundance

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

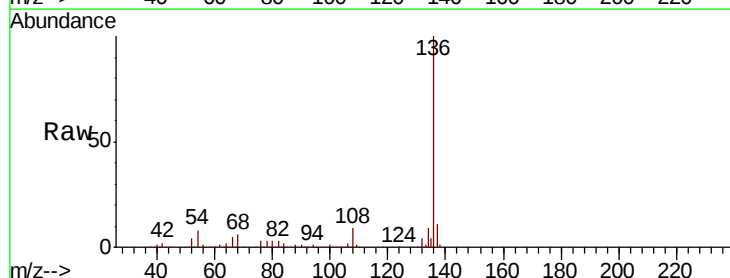
Delta R.T. -0.00 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Tgt Ion: 136 Resp: 564279

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	7.0	10.6
68	6.1	4.8	7.2



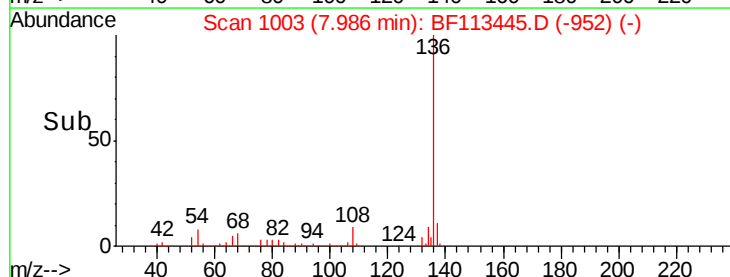
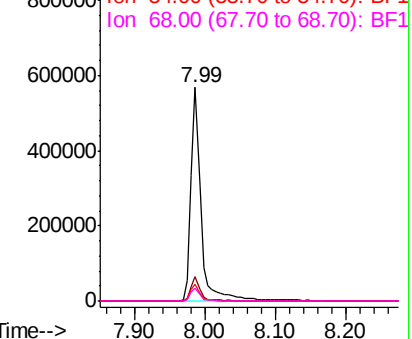
Abundance

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

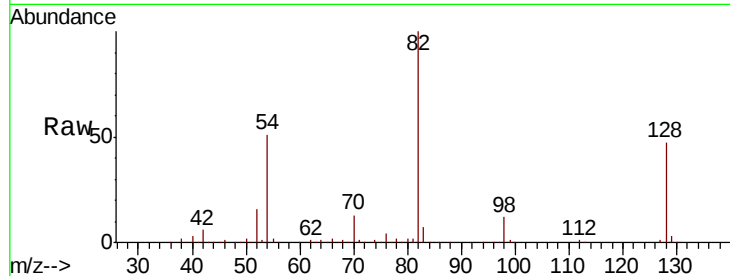




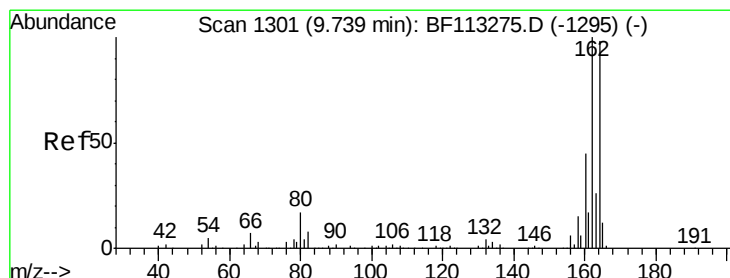
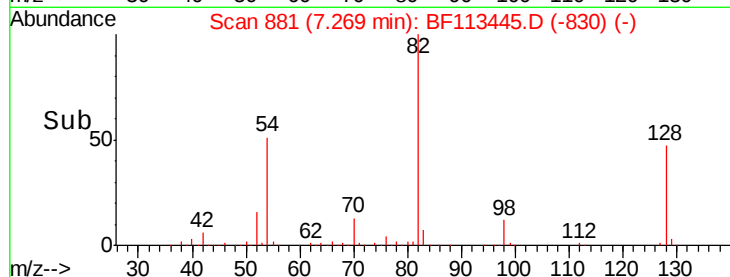
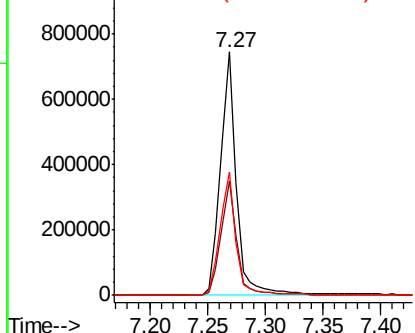
#23
 Nitrobenzene-d5
 Concen: 76.396 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Tot Ion: 82 Resp: 726298
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 50.7 42.2 63.2

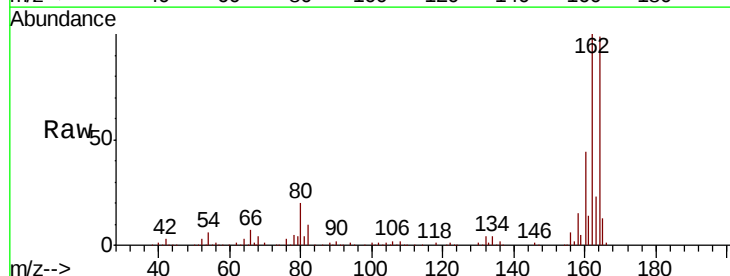


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

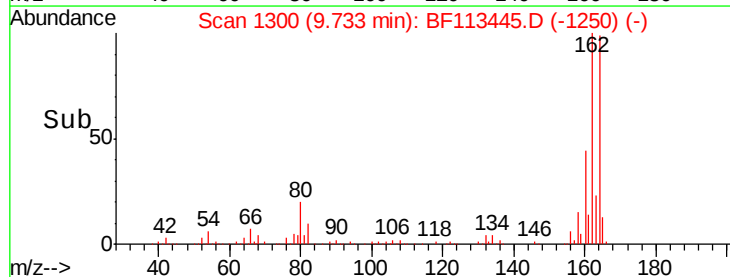
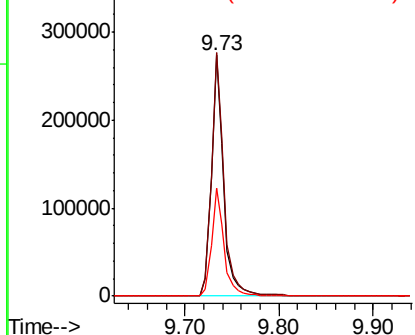


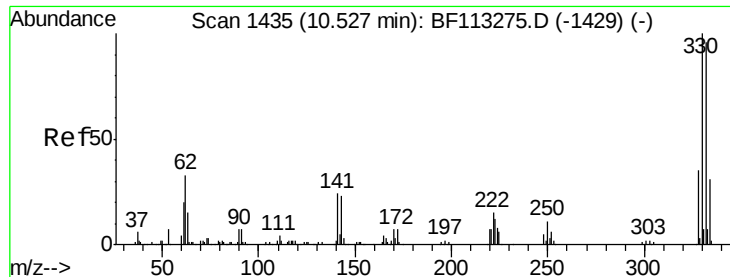
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Tgt Ion:164 Resp: 252889
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.6
 160 45.0 36.4 54.6



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

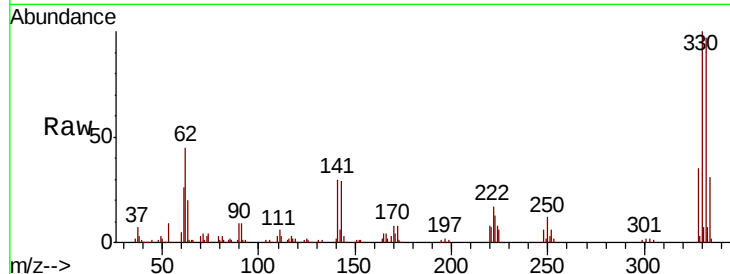




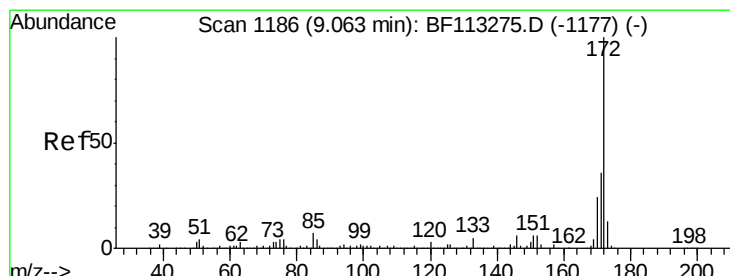
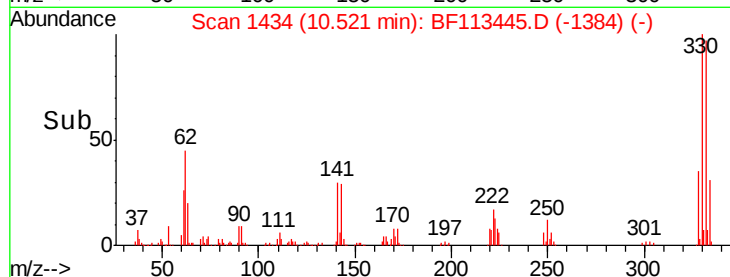
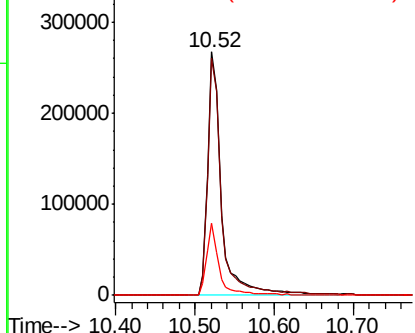
#42
 2,4,6-Tribromophenol
 Concen: 105.408 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 S7B(2-10)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	27.5	22.7	34.1

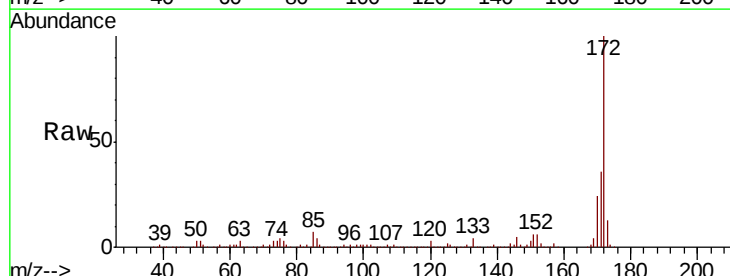


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

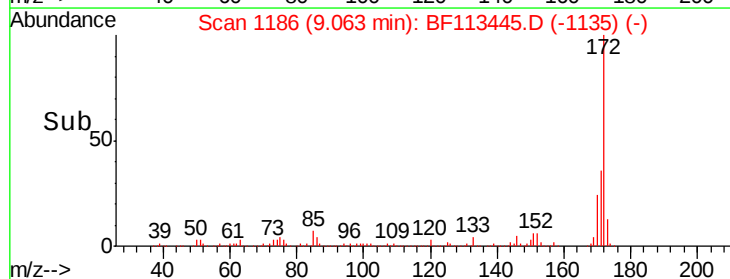
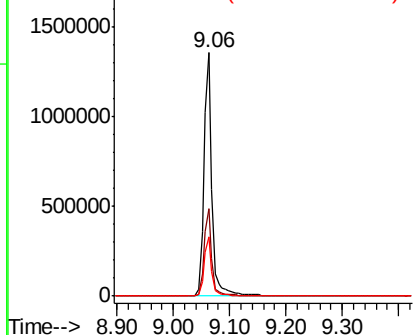


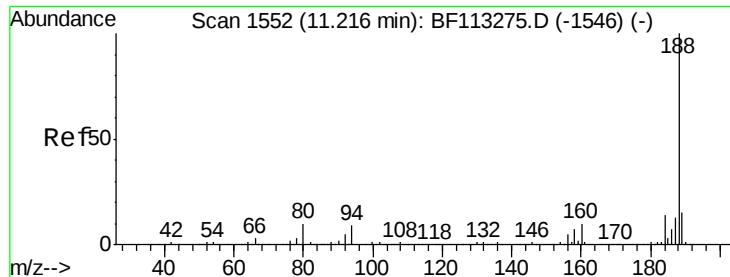
#45
 2-Fluorobiphenyl
 Concen: 83.580 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113445.D
 Acq: 30 Mar 2019 7:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	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

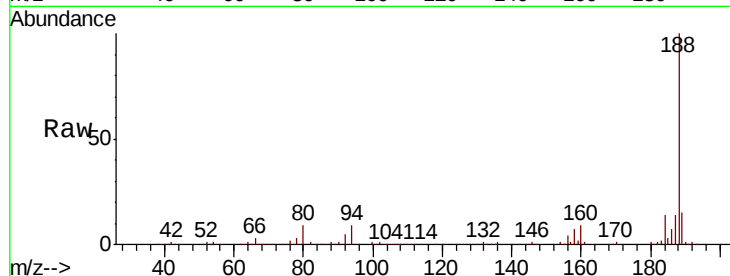




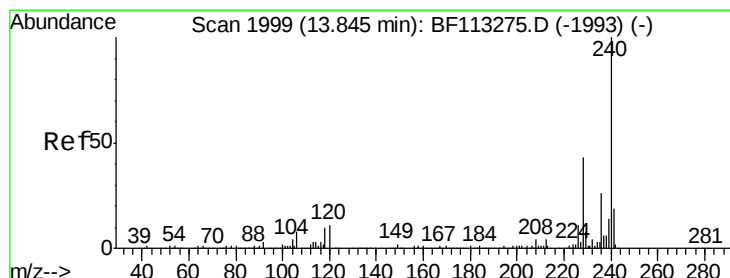
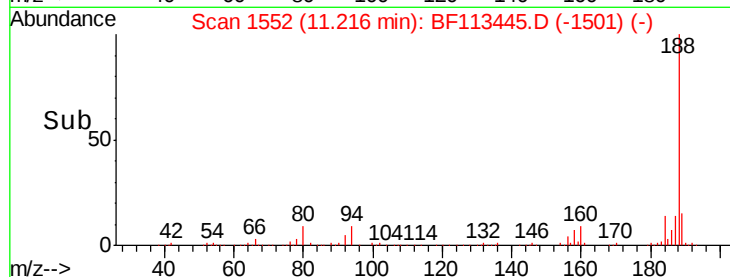
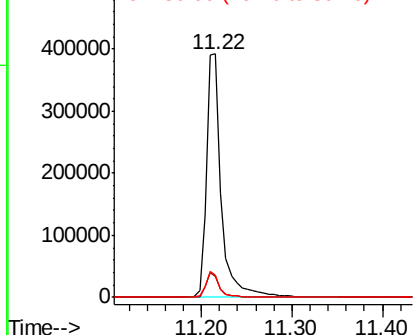
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113445.D
Acq: 30 Mar 2019 7:20

Instrument :
BNA_F
ClientSampleId :
S7B(2-10)COMP

Tot Ion:188 Resp: 457535
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.7 11.5

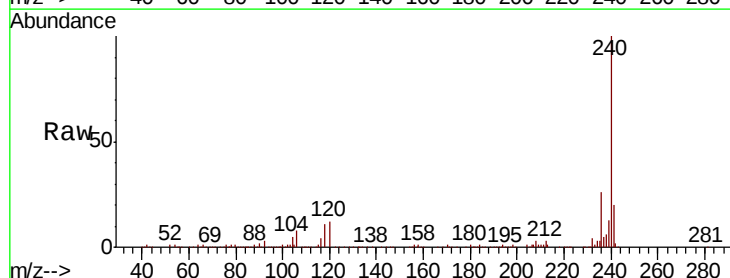


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

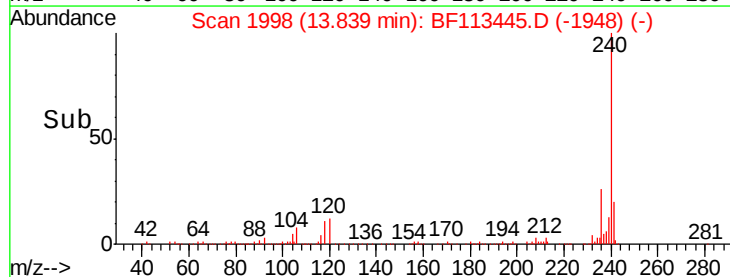
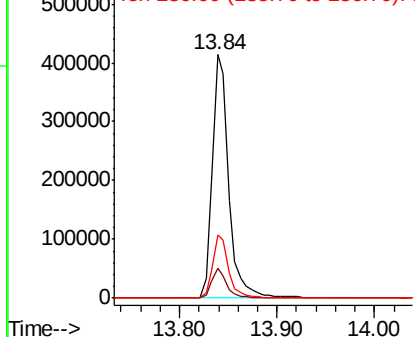


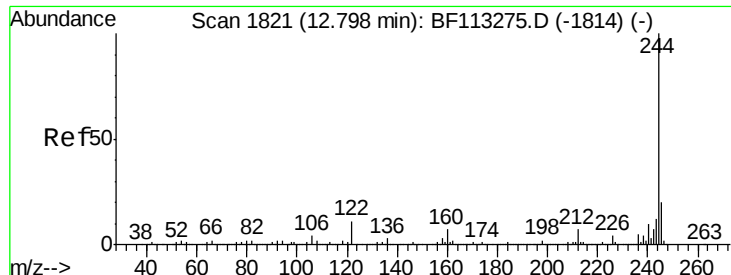
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113445.D
Acq: 30 Mar 2019 7:20

Tgt Ion:240 Resp: 480923
Ion Ratio Lower Upper
240 100
120 12.4 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: 64.158 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Instrument :

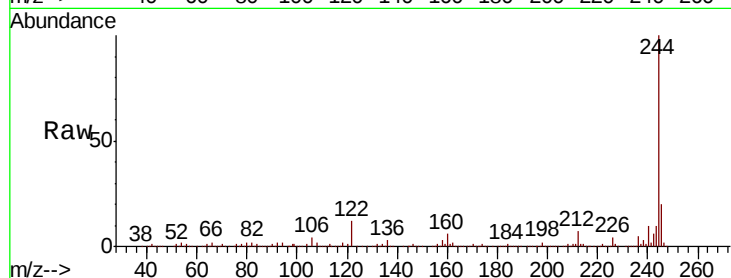
BNA_F

ClientSampleId :

S7B(2-10)COMP

Tot Ion:244 Resp: 1399844

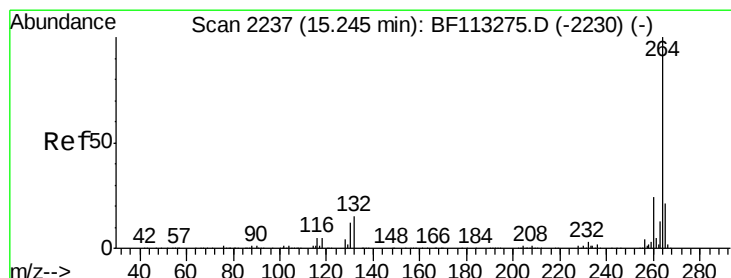
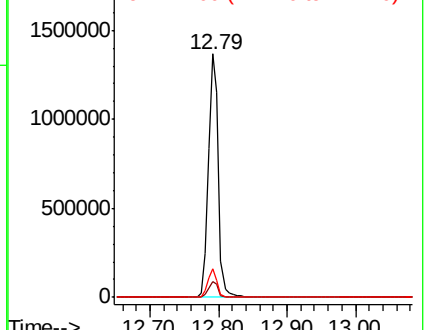
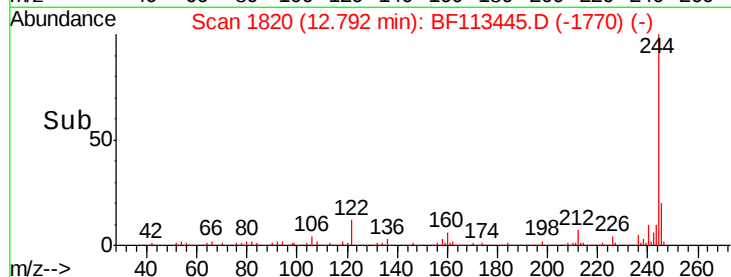
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.6	8.6	13.0



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

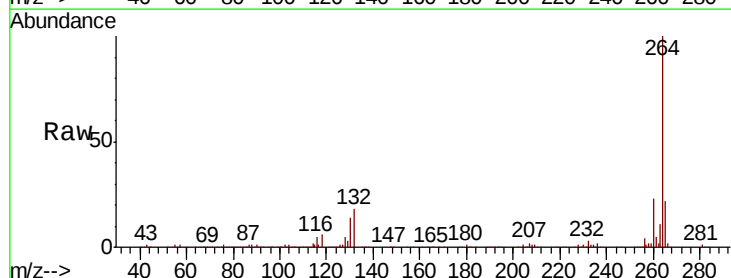
Delta R.T. -0.00 min

Lab File: BF113445.D

Acq: 30 Mar 2019 7:20

Tgt Ion:264 Resp: 391562

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.6	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

