

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113447.D
 Acq On : 30 Mar 2019 8:17
 Operator : JU/SJ
 Sample : K2153-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 01 04:32:06 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	153939	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	574299	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	263789	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	476050	20.00	ng	0.00
76) Chrysene-d12	13.84	240	494731	20.00	ng	0.00
87) Perylene-d12	15.24	264	407913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	913865	97.07	ng	0.01
7) Phenol-d6	6.36	99	1055548	88.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	782738	80.90	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	369938	113.53	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1430264	84.98	ng	0.00
79) Terphenyl-d14	12.79	244	1537218	68.49	ng	0.00

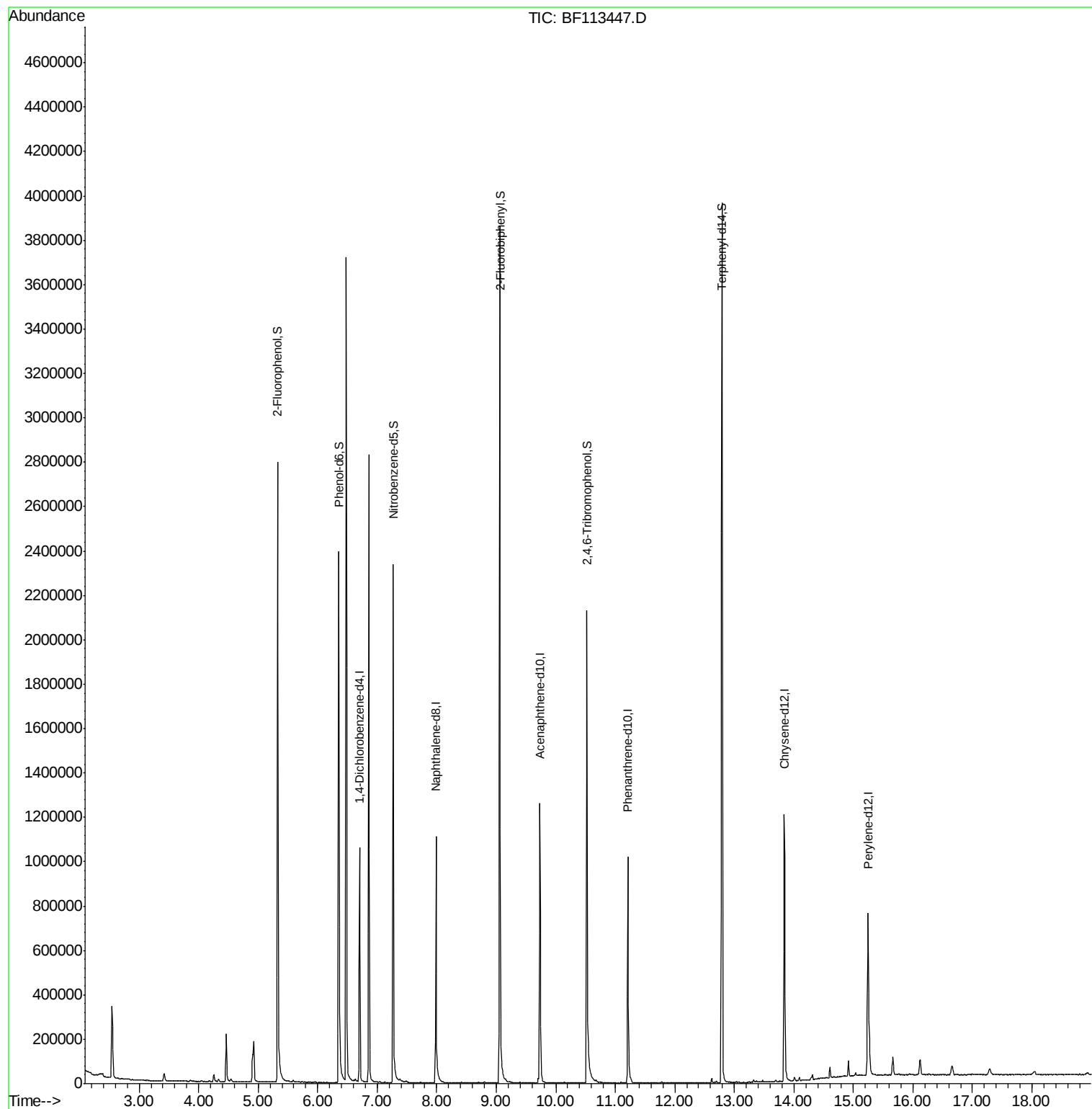
Target Compounds Qvalue

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

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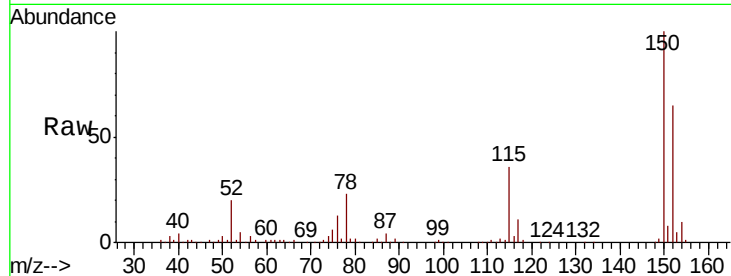


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	55.3	46.0	69.0

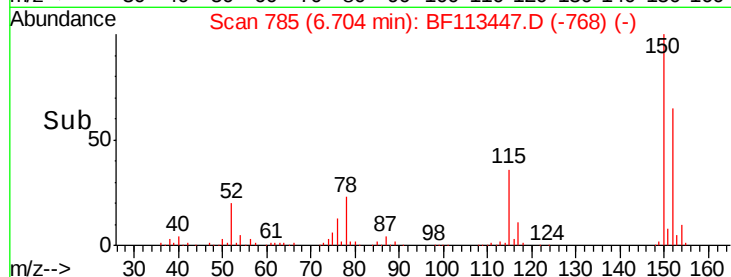
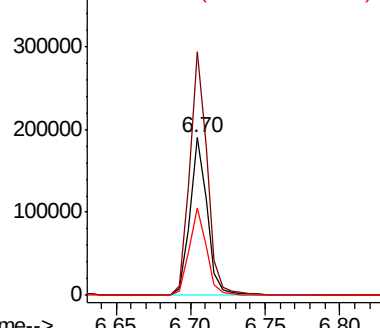


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

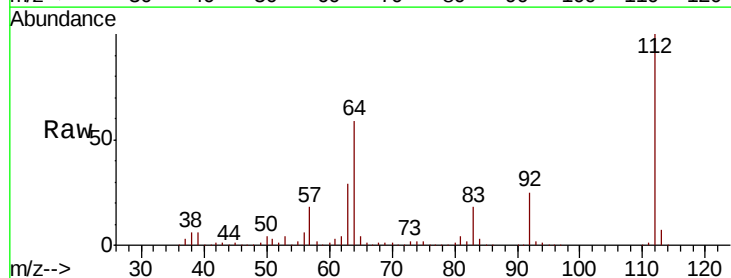
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.070 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	49.2	73.8
63	29.4	24.9	37.3

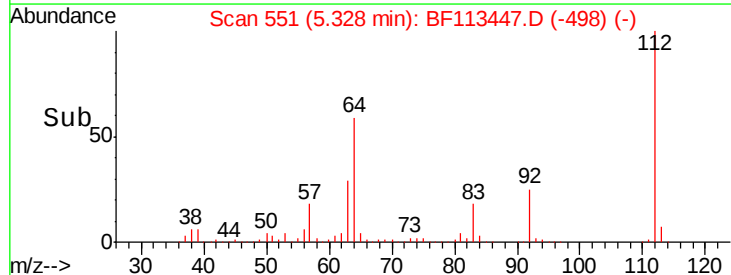
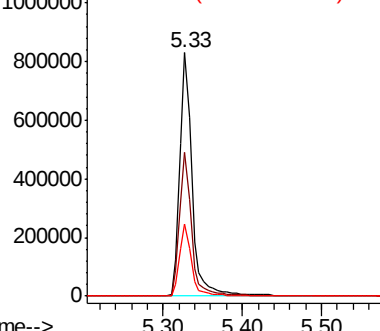


Abundance

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: 88.628 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113447.D

Acq: 30 Mar 2019 8:17

Instrument :

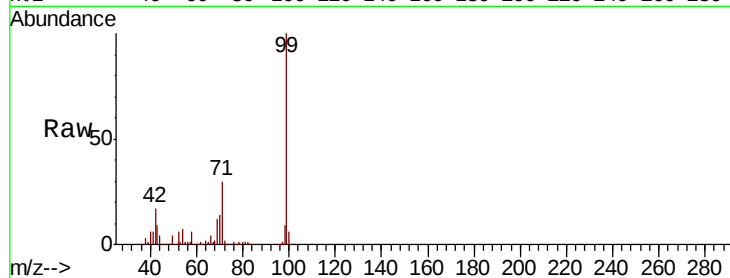
BNA_F

ClientSampleId :

SP-1

Tot Ion: 99 Resp: 1055548

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.8	22.2
71	29.9	24.9	37.3

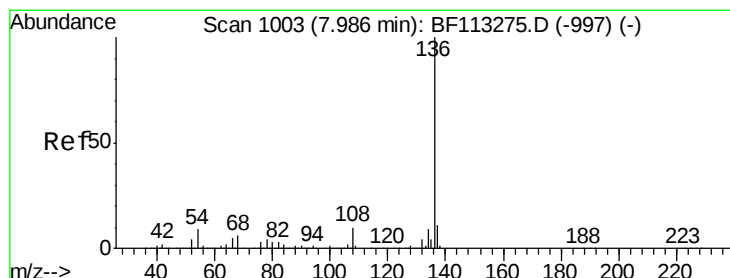
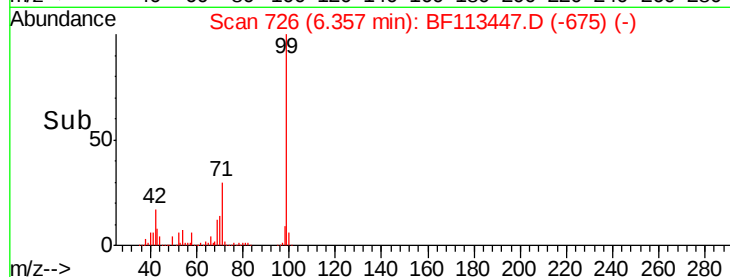
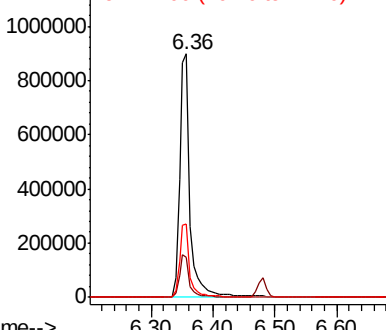


Abundance

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: BF113447.D

Acq: 30 Mar 2019 8:17

Tgt Ion: 136 Resp: 574299

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.7	7.0	10.6
68	6.0	4.8	7.2

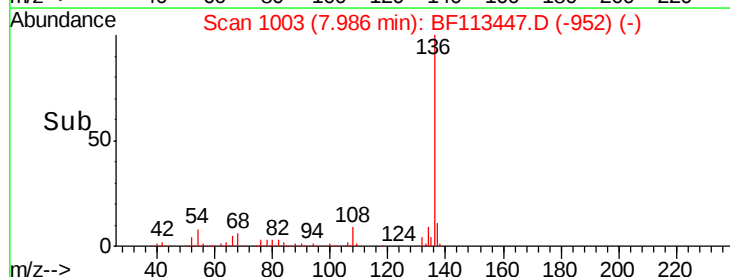
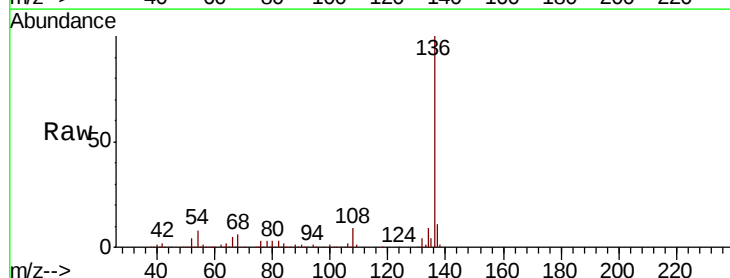
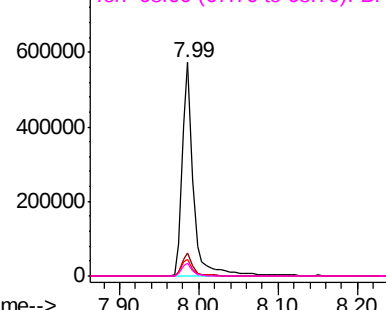
Abundance

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

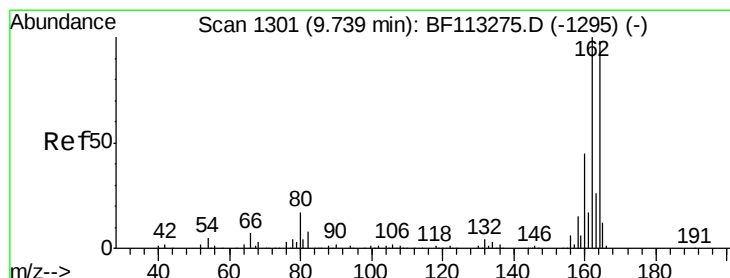
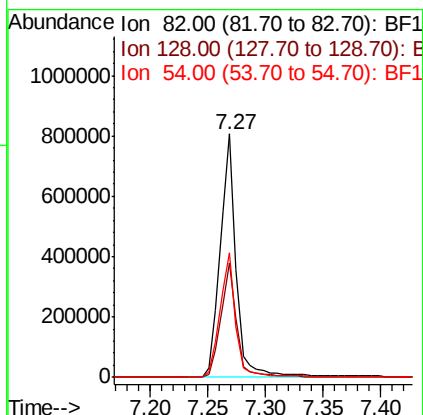
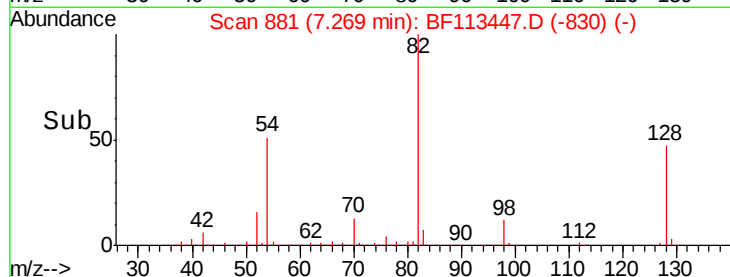
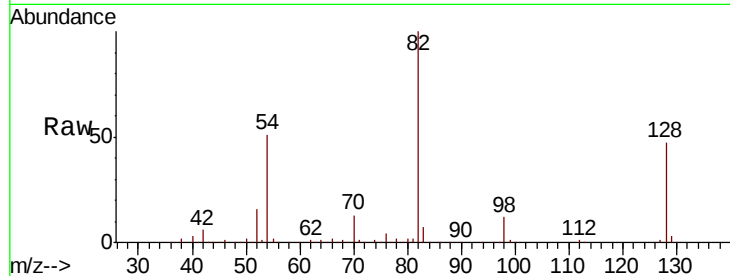




#23
Nitrobenzene-d5
Concen: 80.896 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

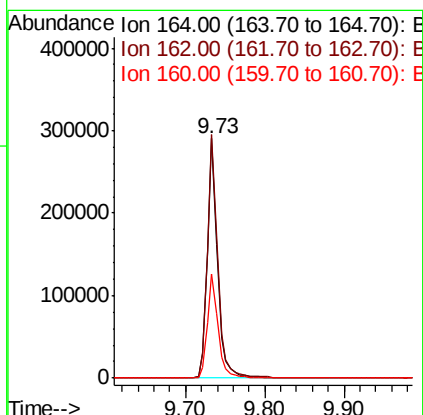
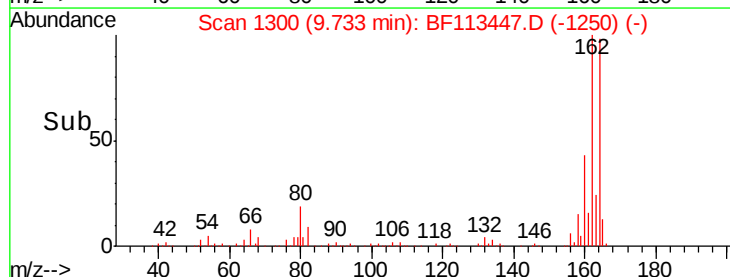
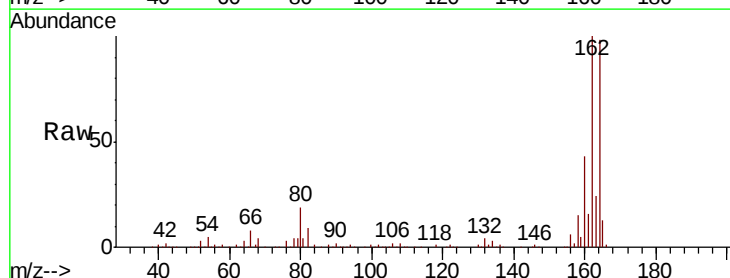
Instrument :
BNA_F
ClientSampleId :
SP-1

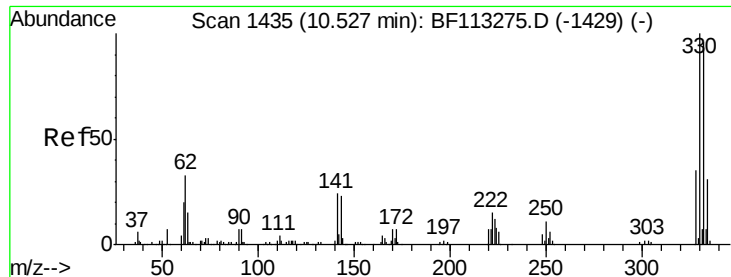
Tot Ion: 82 Resp: 782738
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 51.2 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Tgt Ion:164 Resp: 263789
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 43.5 36.4 54.6

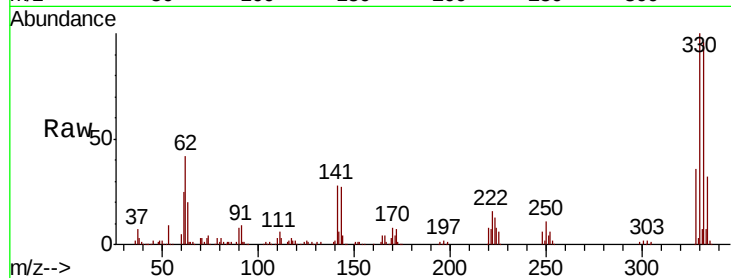




#42
 2,4,6-Tribromophenol
 Concen: 113.534 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	27.3	22.7	34.1

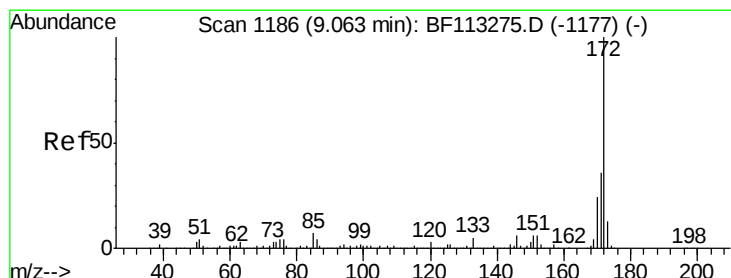
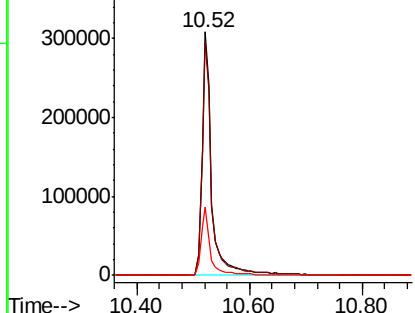
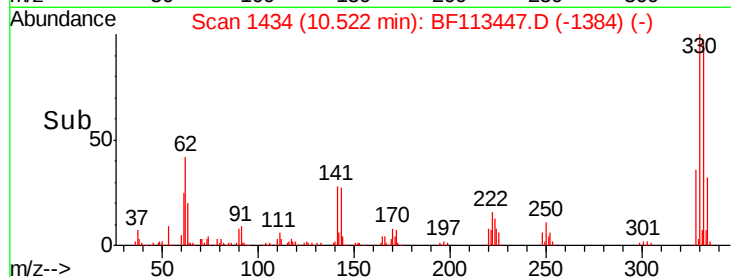


Abundance

Ion 329.80 (329.50 to 330.50): E

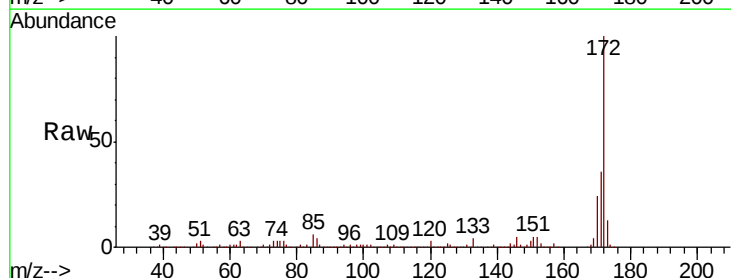
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.978 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.4	19.5	29.3

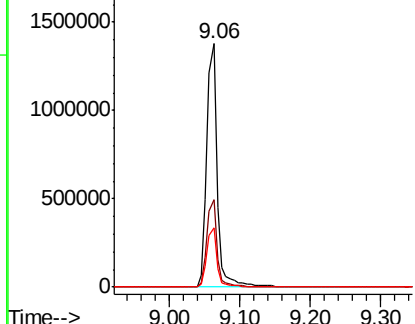
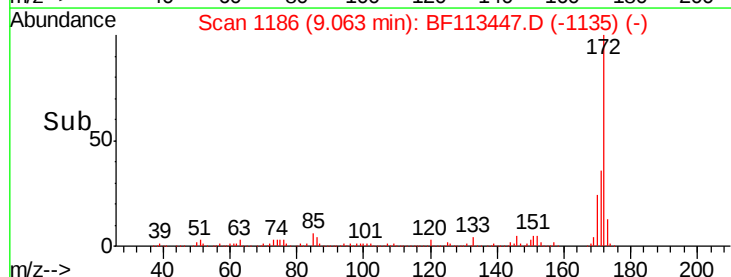


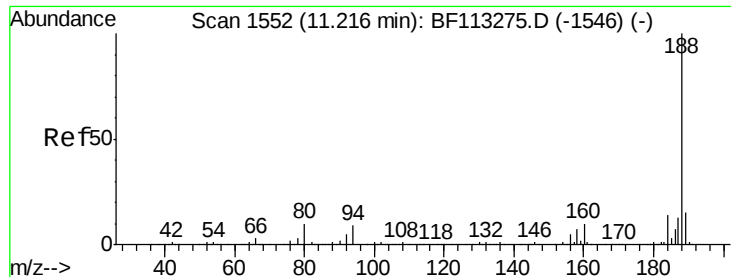
Abundance

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

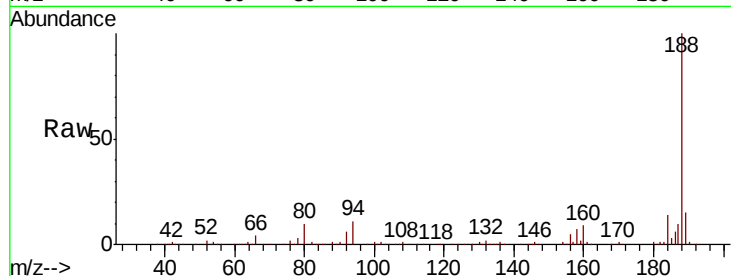




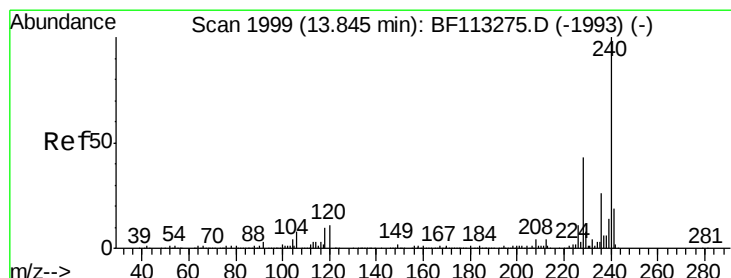
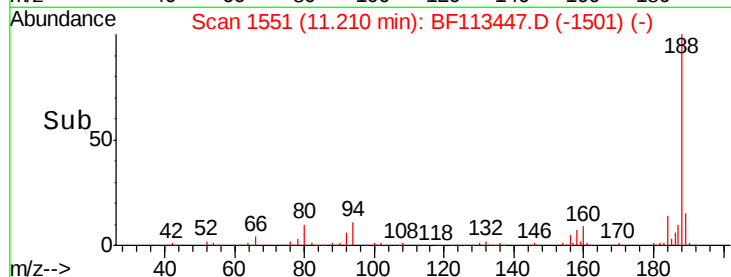
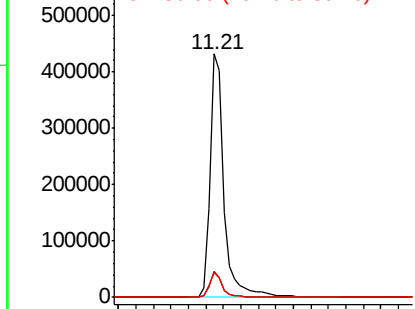
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:188 Resp: 476050
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 10.4 7.7 11.5

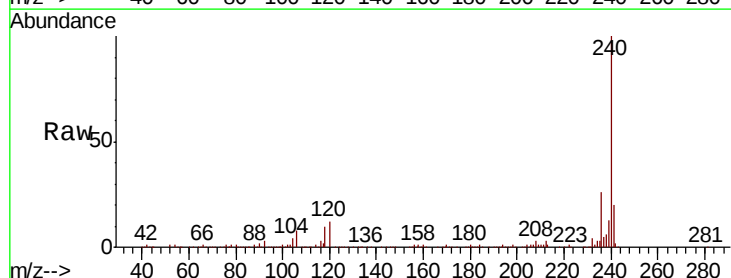


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

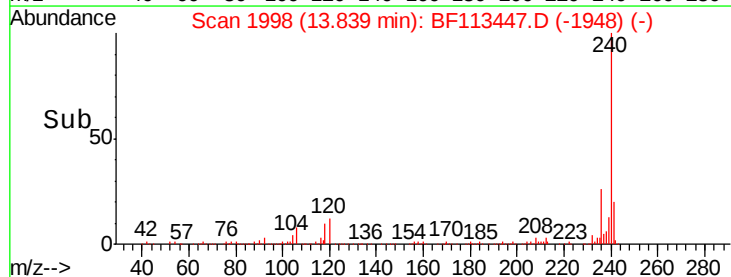
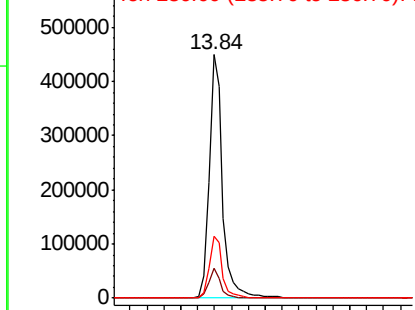


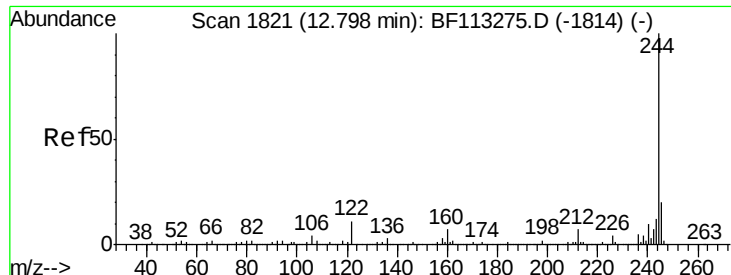
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113447.D
Acq: 30 Mar 2019 8:17

Tgt Ion:240 Resp: 494731
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 25.5 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

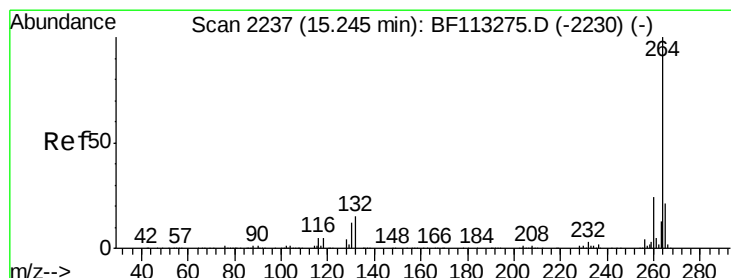
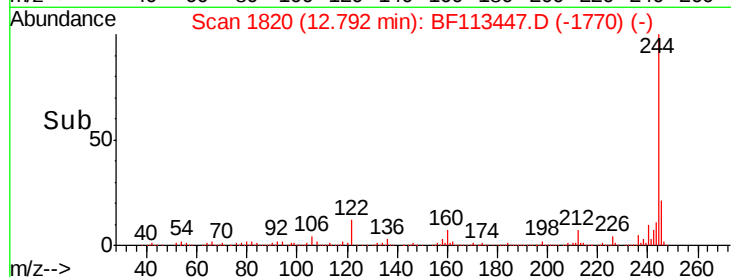
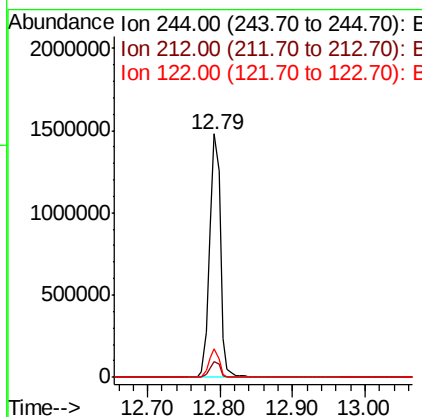
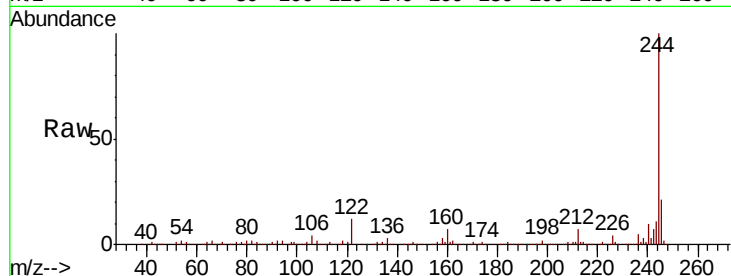




#79
 Terphenyl-d14
 Concen: 68.487 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 1537218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113447.D
 Acq: 30 Mar 2019 8:17

Tgt Ion:264 Resp: 407913
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 17.1 25.7

