

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113703.D
 Acq On : 10 Apr 2019 18:27
 Operator : JU/SJ
 Sample : K2200-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-B

Quant Time: Apr 11 03:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	129438	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	484069	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	227113	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	420449	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	332189	20.00	ng	-0.02
87) Perylene-d12	15.23	264	320757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	884621	116.54	ng	0.00
7) Phenol-d6	6.33	99	1018522	108.87	ng	0.00
23) Nitrobenzene-d5	7.25	82	804985	97.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	385831	141.42	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1450665	102.83	ng	-0.02
79) Terphenyl-d14	12.77	244	1340561	82.16	ng	-0.02

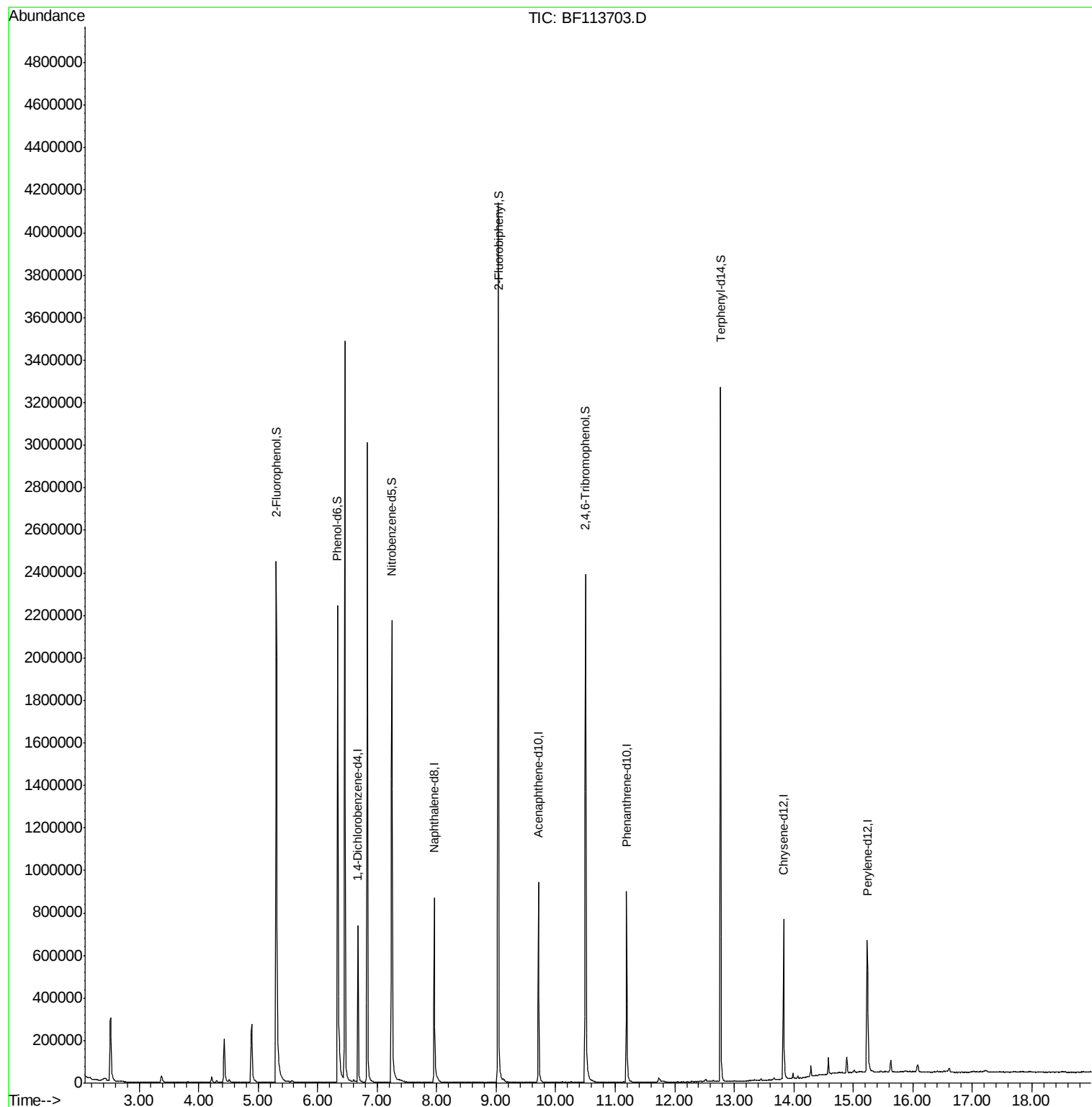
Target Compounds Qvalue

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

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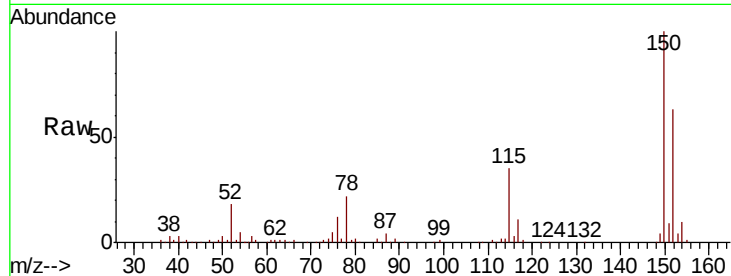


#1

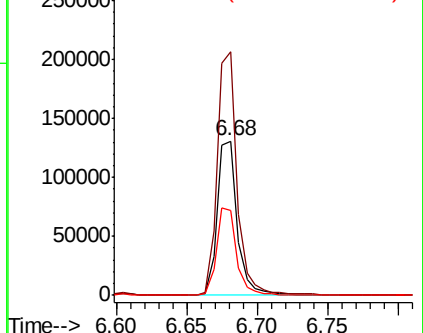
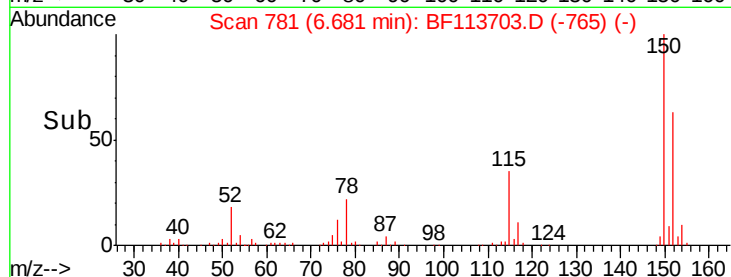
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	54.9	46.0	69.0



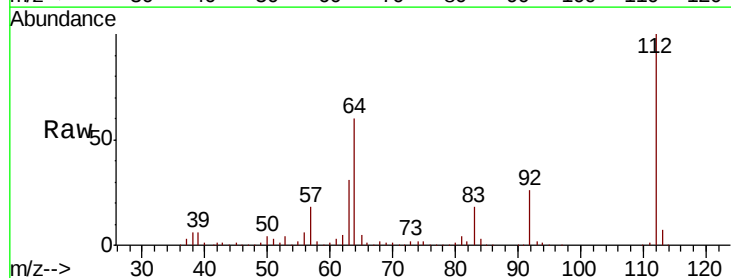
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



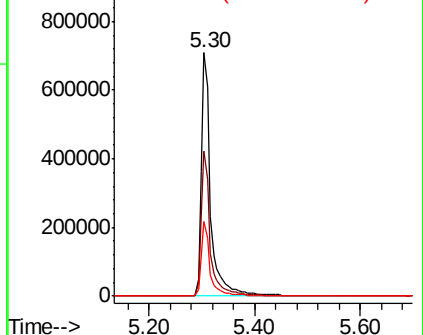
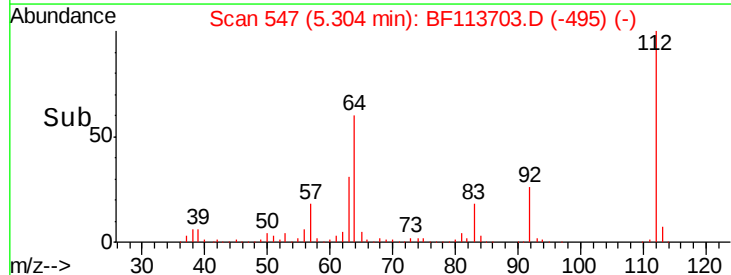
#5

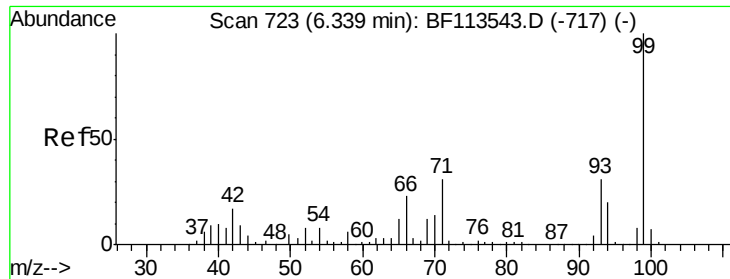
2-Fluorophenol
 Concen: 116.541 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.2	73.8
63	30.8	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: 108.869 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

Instrument :

BNA_F

ClientSampleId :

EO-01-040919-B

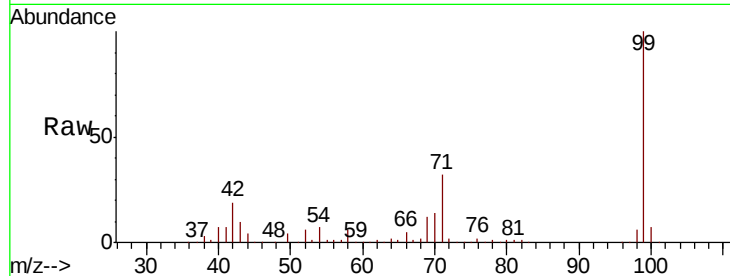
Tot Ion: 99 Resp: 1018522

Ion Ratio Lower Upper

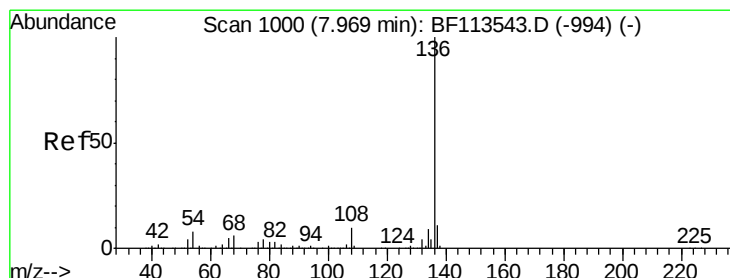
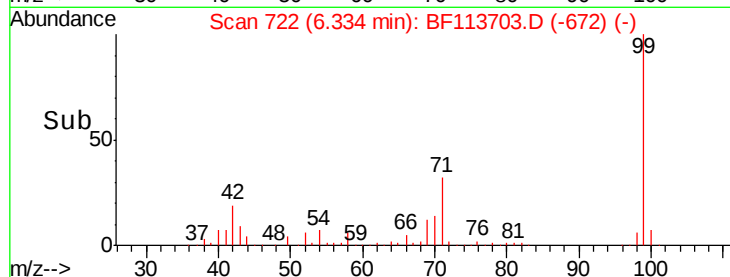
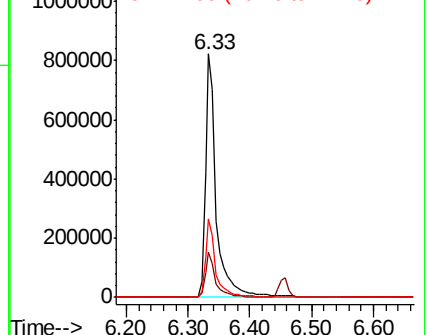
99 100

42 18.6 14.8 22.2

71 32.3 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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

Tgt Ion: 136 Resp: 484069

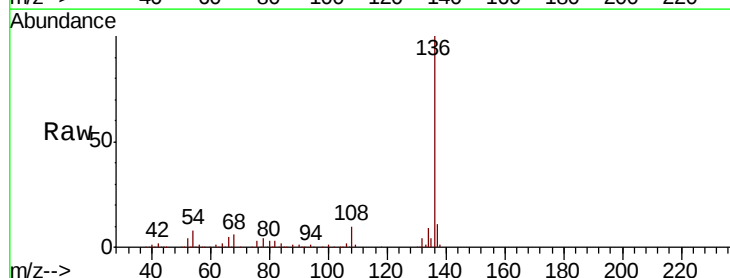
Ion Ratio Lower Upper

136 100

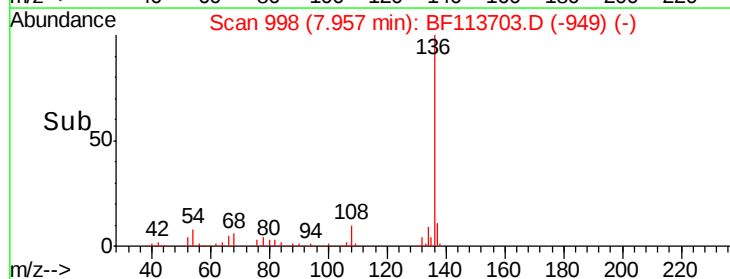
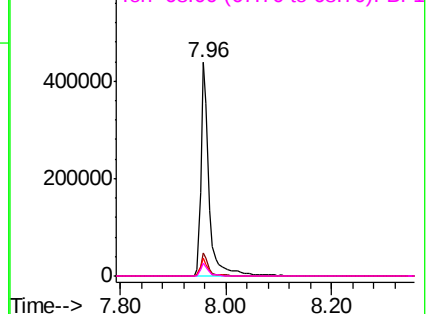
137 11.0 8.9 13.3

54 8.4 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

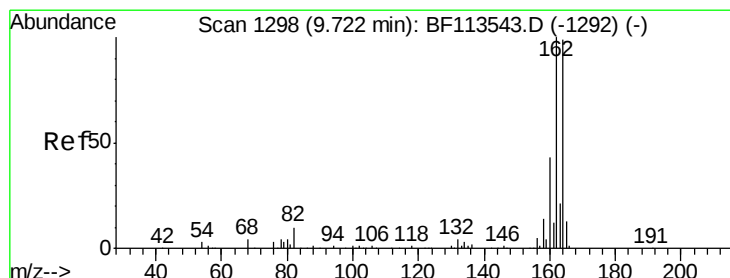
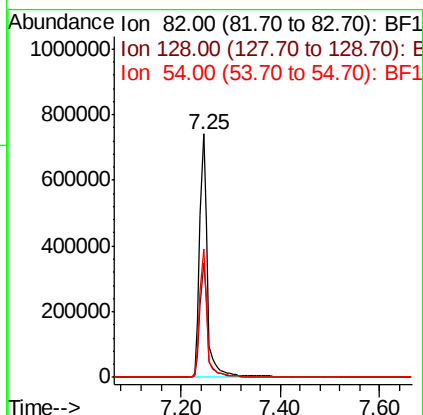
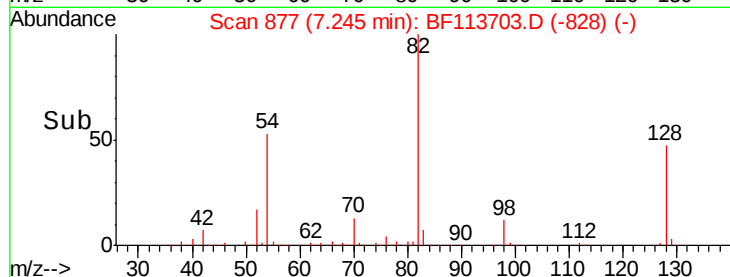
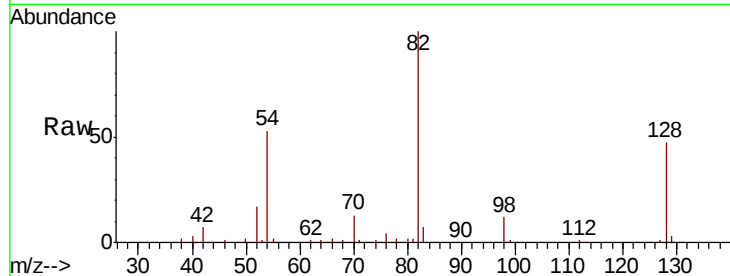




#23
 Nitrobenzene-d5
 Concen: 97.408 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

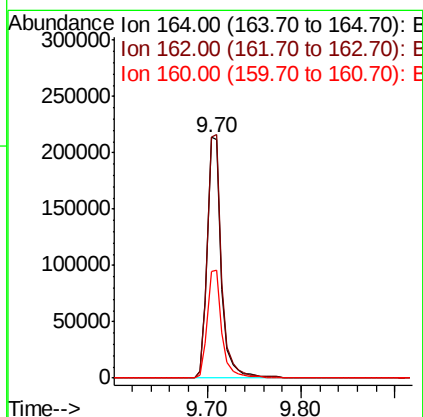
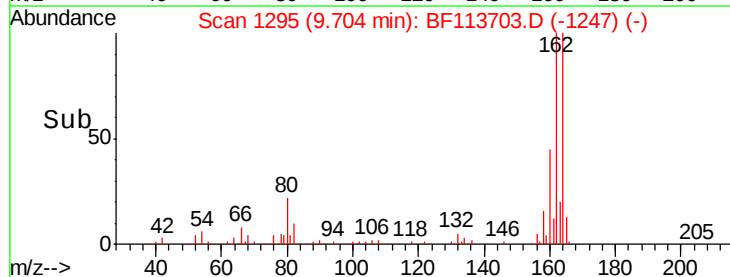
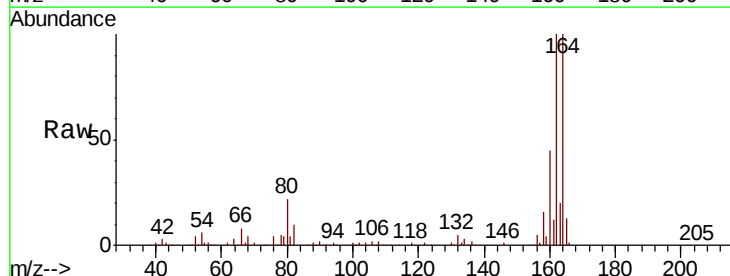
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-B

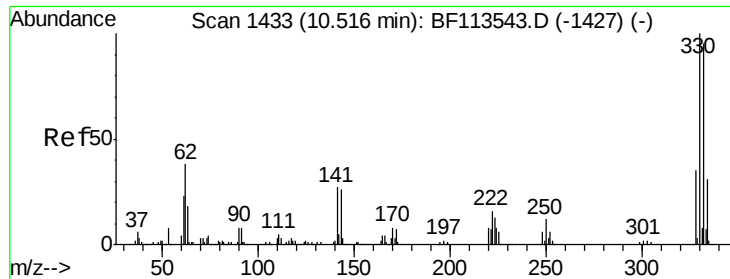
Tot Ion: 82 Resp: 804985
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 52.6 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

Tgt Ion: 164 Resp: 227113
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.8 122.6
 160 44.6 36.4 54.6

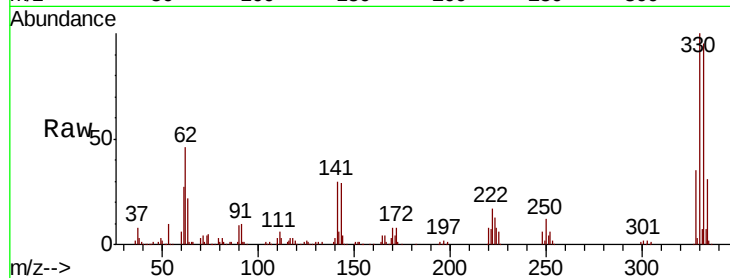




#42
 2,4,6-Tribromophenol
 Concen: 141.424 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-040919-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.6
141	27.4	22.7	34.1

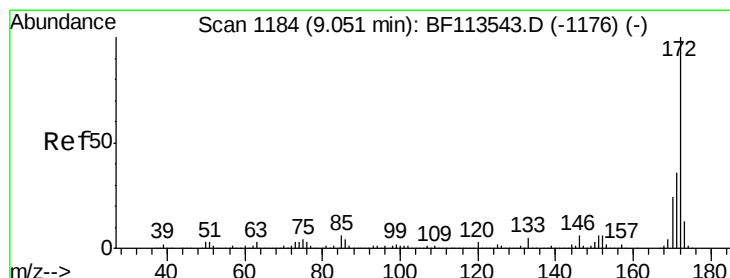
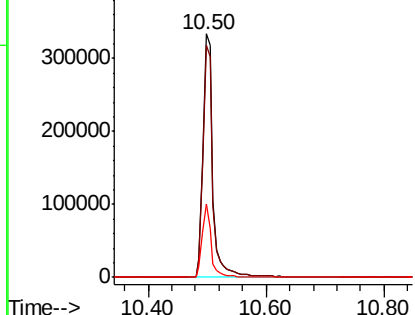
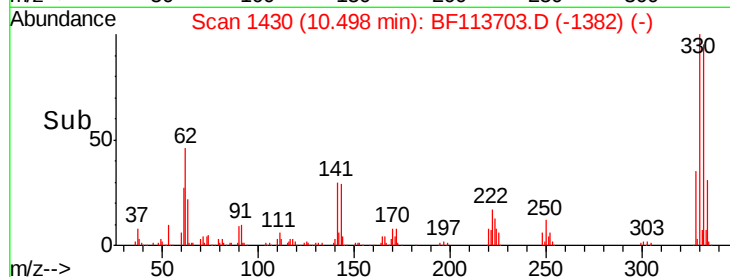


Abundance

Ion 329.80 (329.50 to 330.50): E

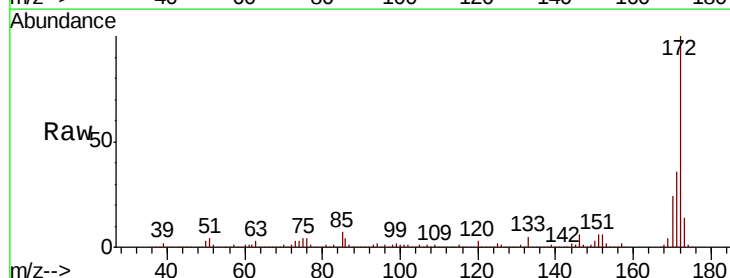
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.830 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113703.D
 Acq: 10 Apr 2019 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.5	29.3

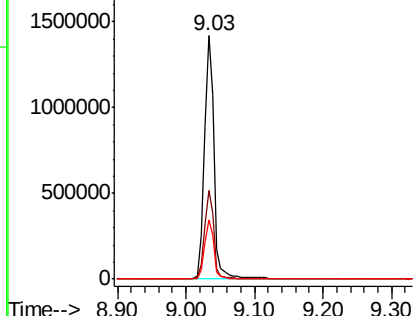
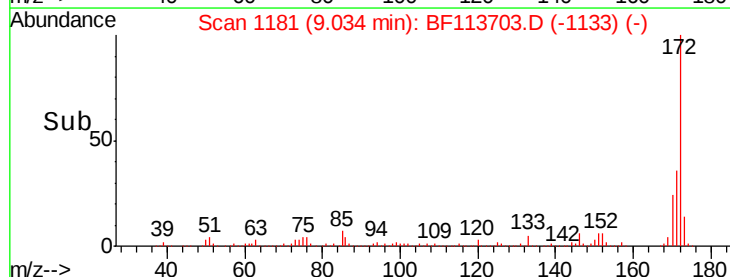


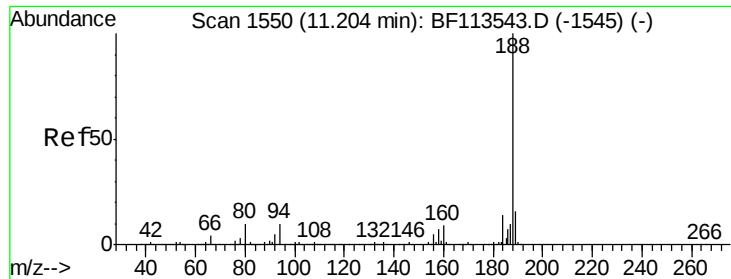
Abundance

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: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

Instrument :

BNA_F

ClientSampleId :

EO-01-040919-B

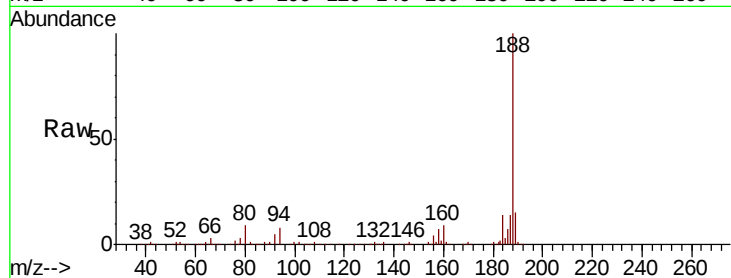
Tot Ion:188 Resp: 420449

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

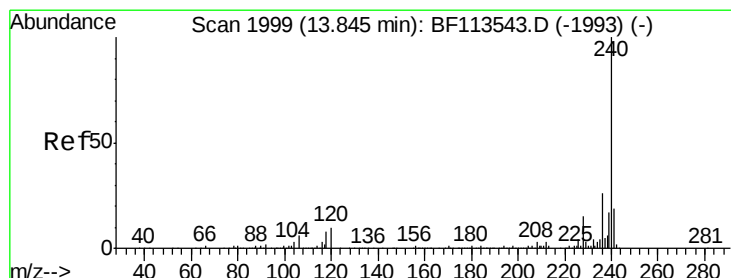
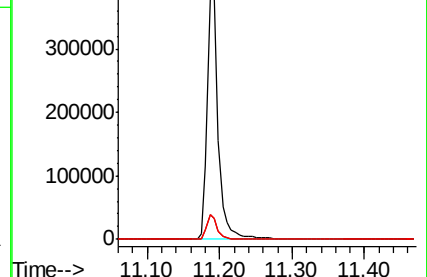
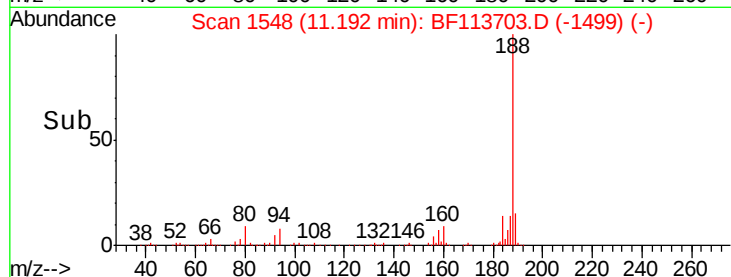
80 8.7 7.7 11.5



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

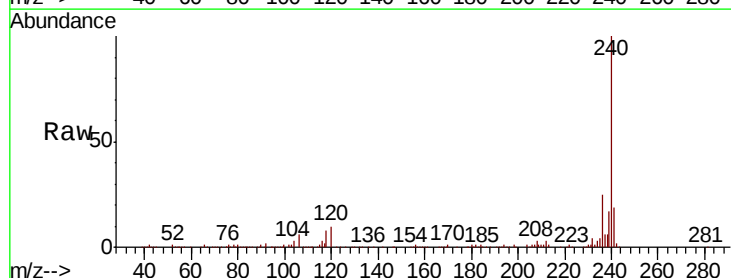
Tgt Ion:240 Resp: 332189

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

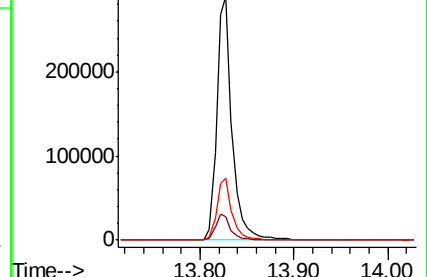
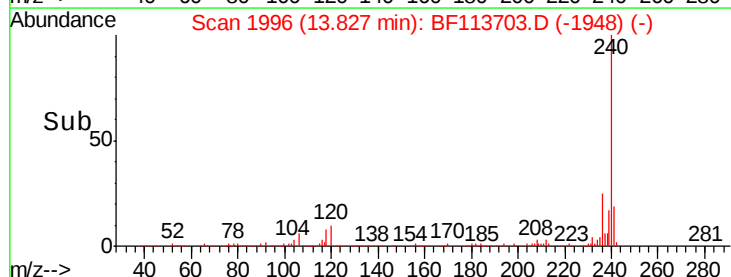
236 25.3 20.9 31.3

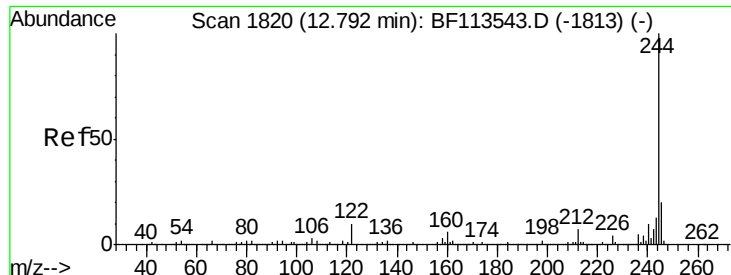


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.164 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

Instrument :

BNA_F

ClientSampleId :

EO-01-040919-B

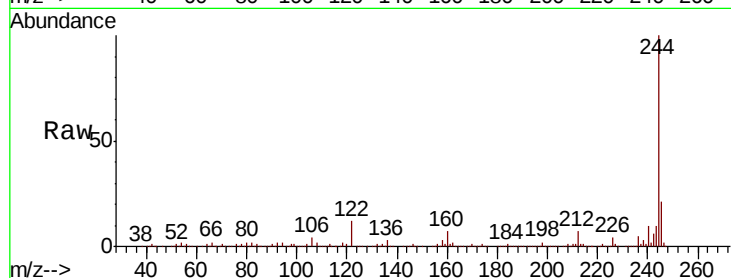
Tot Ion:244 Resp: 1340561

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

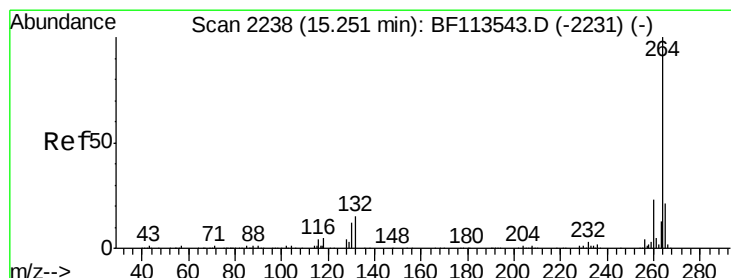
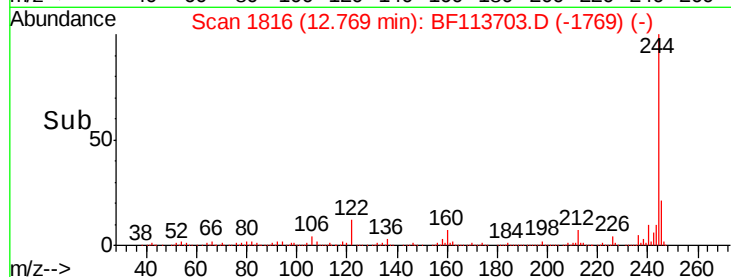
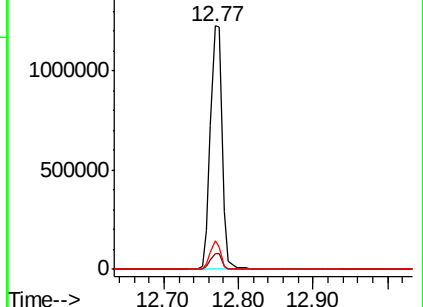
122 11.6 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113703.D

Acq: 10 Apr 2019 18:27

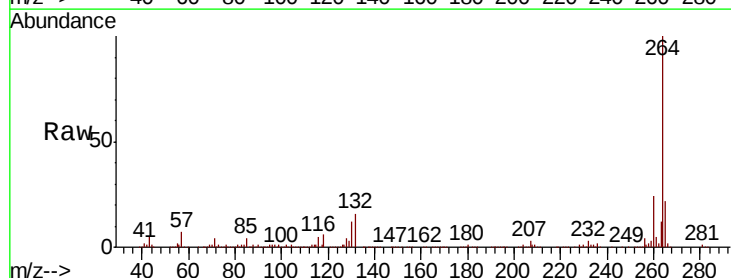
Tgt Ion:264 Resp: 320757

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.8 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

