

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115476.D
 Acq On : 11 Jul 2019 00:48
 Operator : HP/JU
 Sample : K3687-02RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685RE

Quant Time: Jul 11 07:56:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

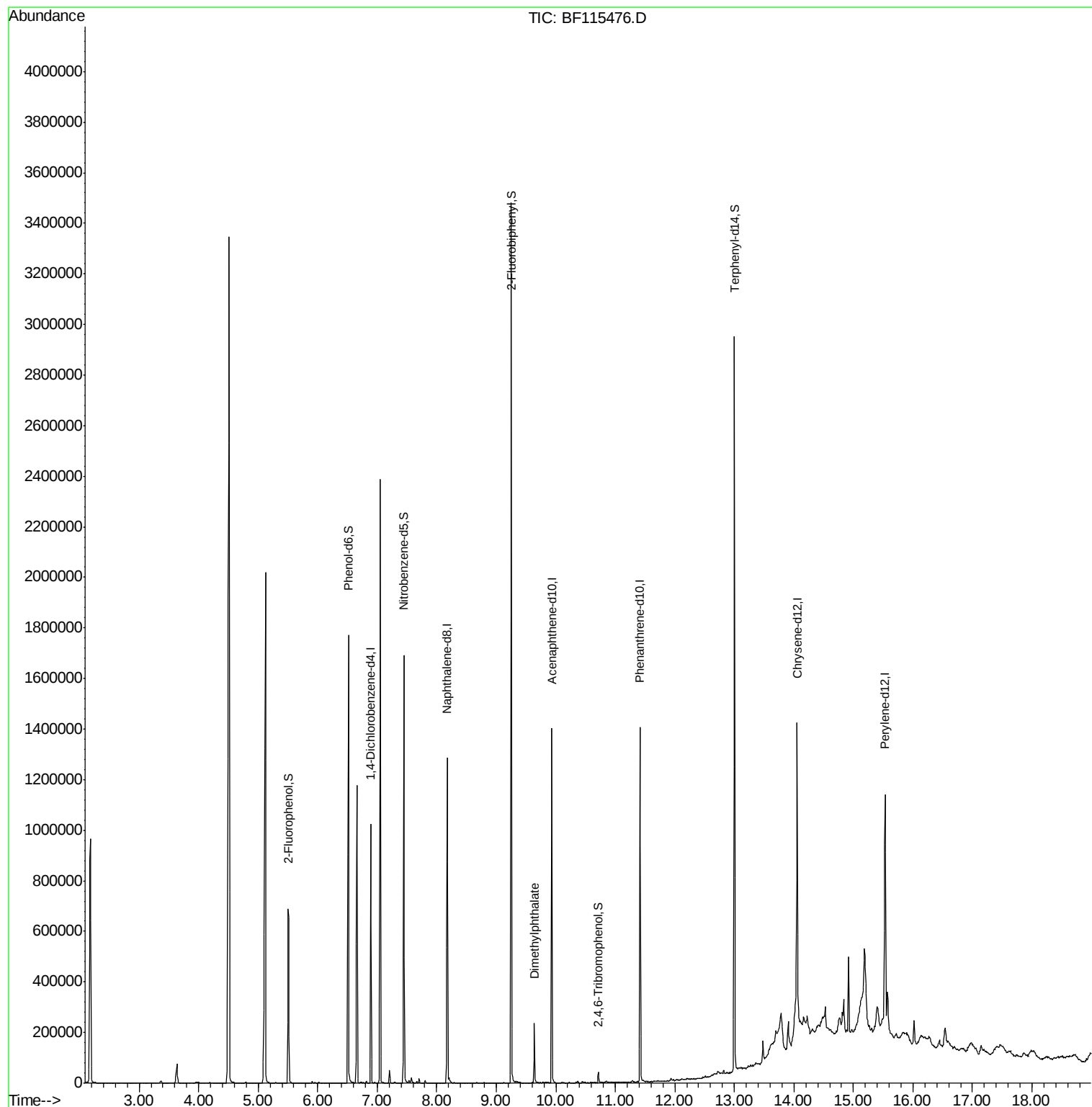
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137269	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	545001	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266019	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	495995	20.00	ng	0.00
76) Chrysene-d12	14.05	240	363646	20.00	ng	-0.02
87) Perylene-d12	15.53	264	424204	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	202431	22.78	ng	0.00
7) Phenol-d6	6.52	99	680346	60.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	519359	56.30	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	5977	2.03	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1005823	66.35	ng	0.00
79) Terphenyl-d14	13.00	244	1043970	58.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	96215	4.819	ng	Qvalue 99

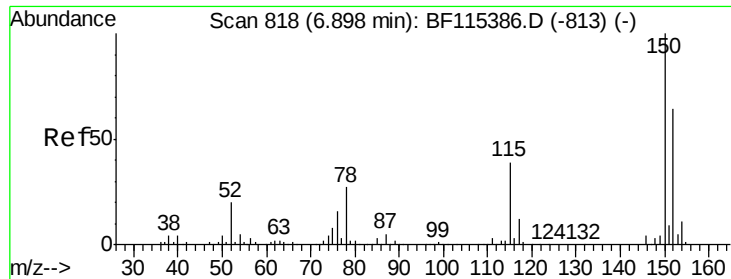
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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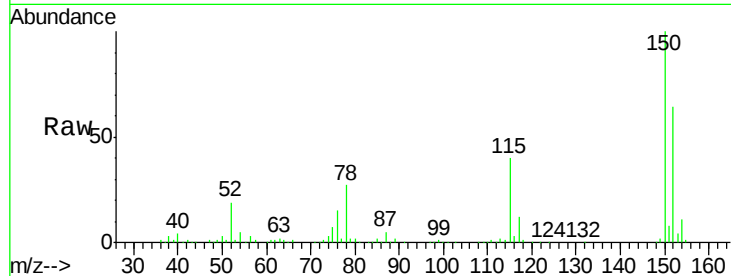




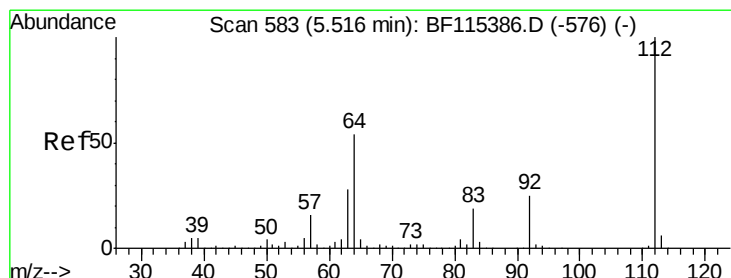
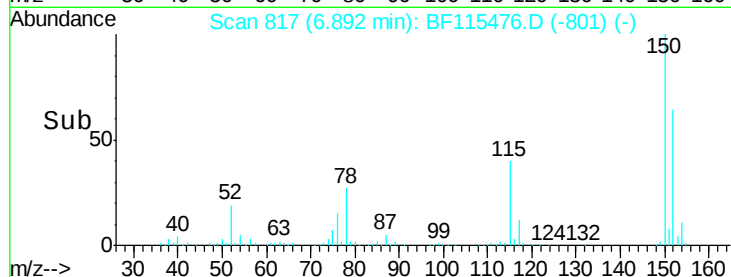
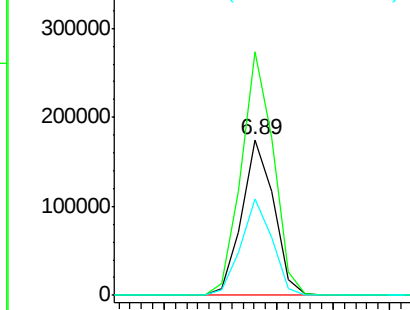
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685RE

Tgt Ion:152 Resp: 137269
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.4 191.2
 115 62.1 46.2 69.4

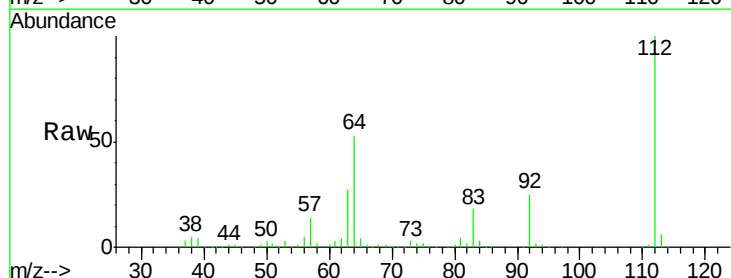


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

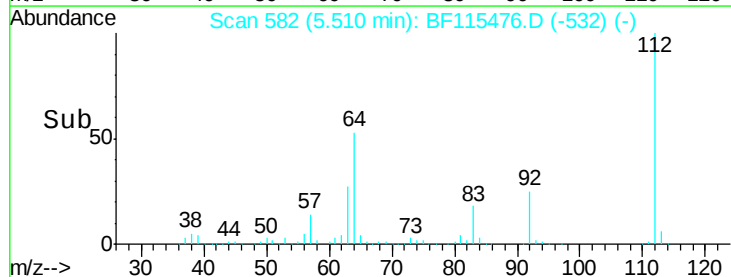
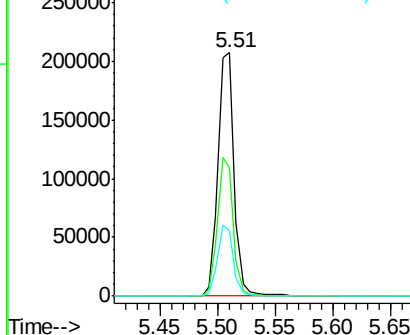


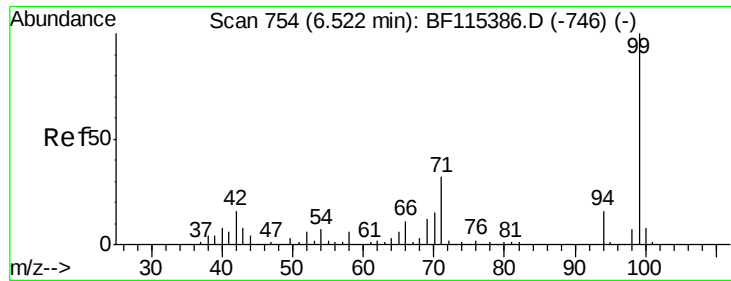
#5
 2-Fluorophenol
 Concen: 22.785 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

Tgt Ion:112 Resp: 202431
 Ion Ratio Lower Upper
 112 100
 64 52.7 44.2 66.2
 63 27.1 22.1 33.1



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: 60.211 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115476.D

Acq: 11 Jul 2019 00:48

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RBR-251685RE

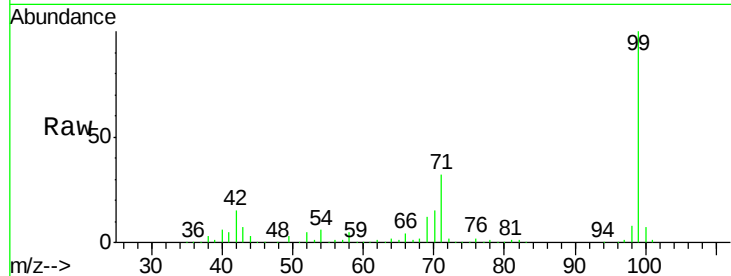
Tgt Ion: 99 Resp: 680346

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

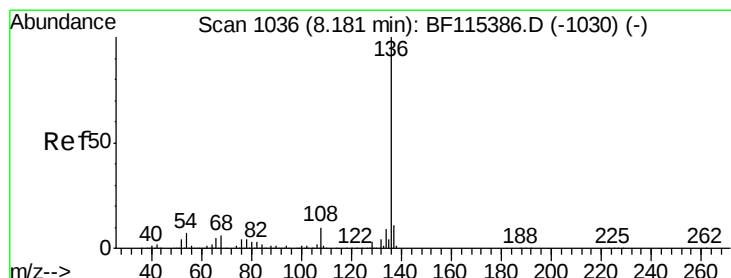
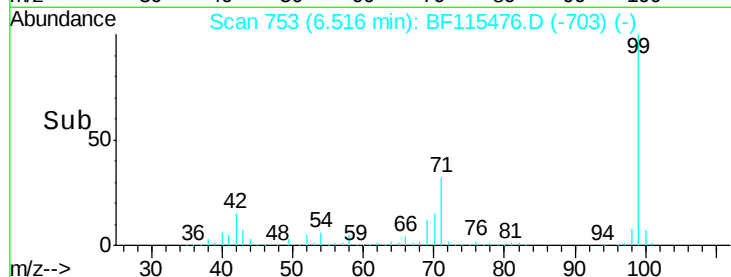
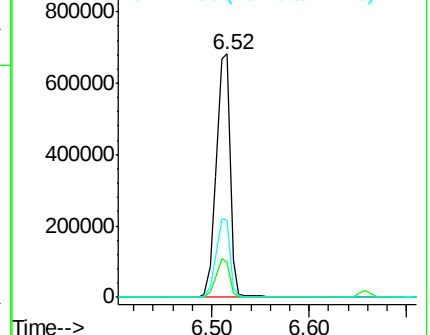
71 31.6 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115476.D

Acq: 11 Jul 2019 00:48

Tgt Ion: 136 Resp: 545001

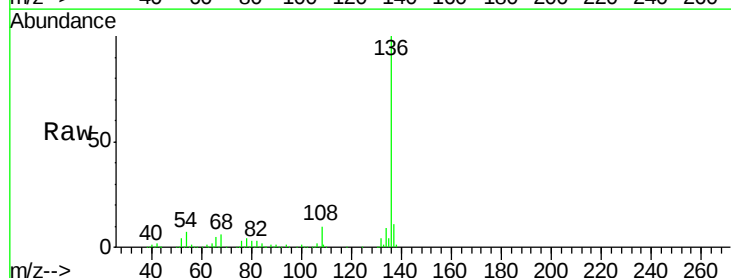
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.0 5.4 8.0

68 6.4 4.8 7.2

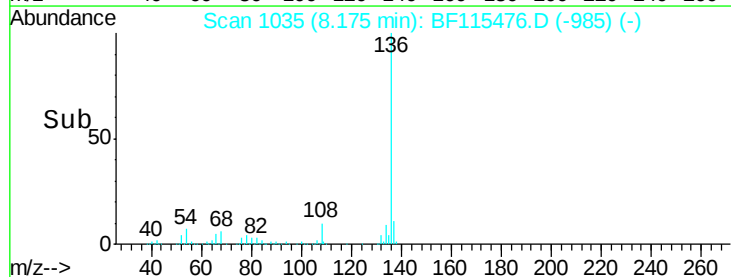
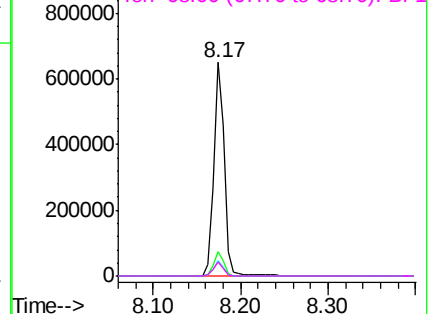


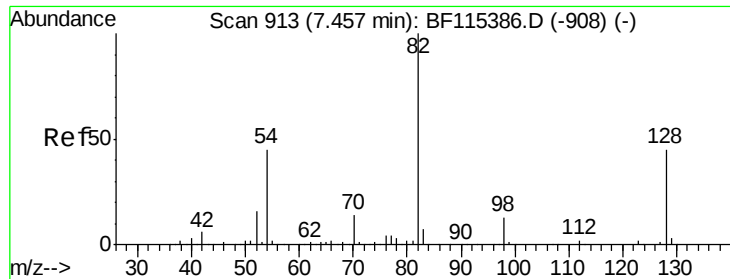
Abundance Ion 136.00 (135.70 to 136.70): E

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

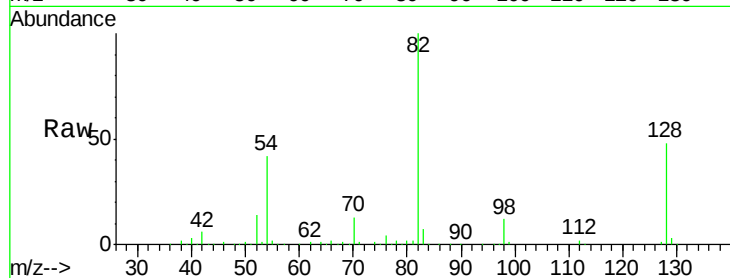




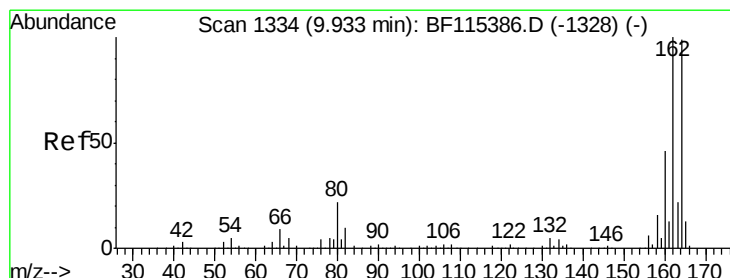
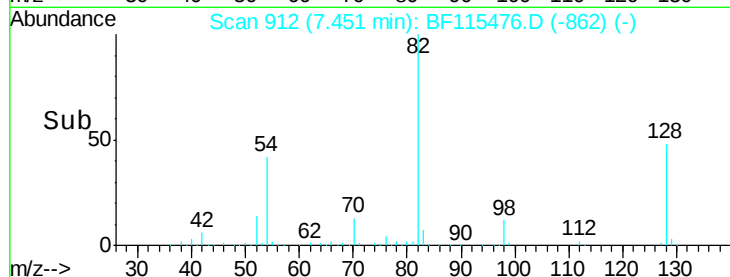
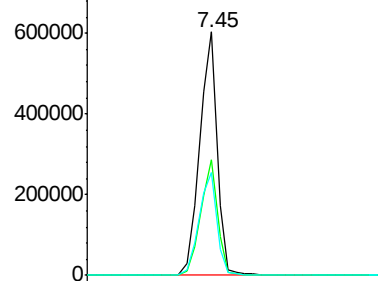
#23
 Nitrobenzene-d5
 Concen: 56.303 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685RE

Tgt Ion: 82 Resp: 519359
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.7 55.1
 54 42.4 35.6 53.4

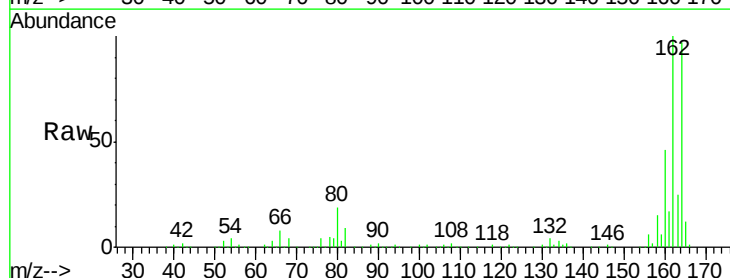


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

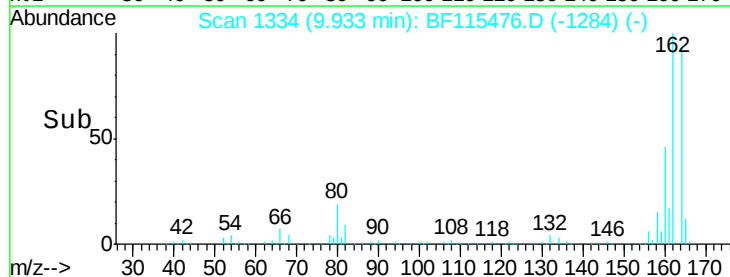
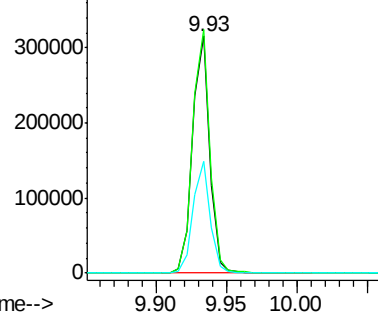


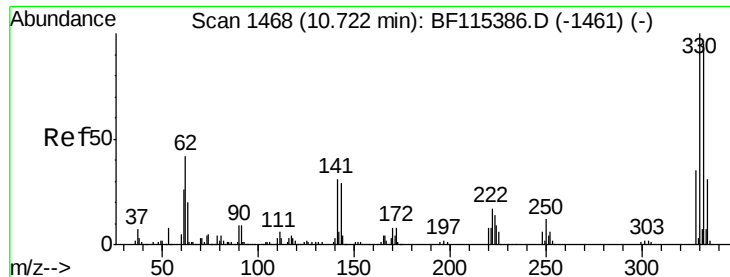
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

Tgt Ion:164 Resp: 266019
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.3 123.5
 160 47.1 37.2 55.8



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

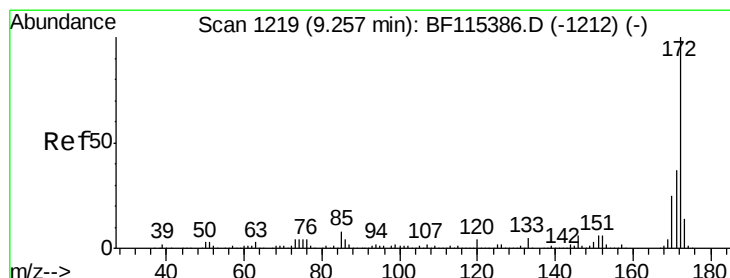
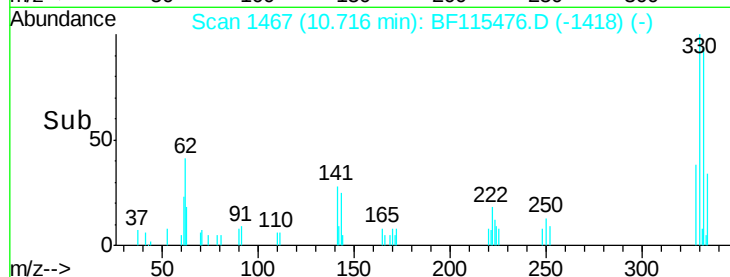
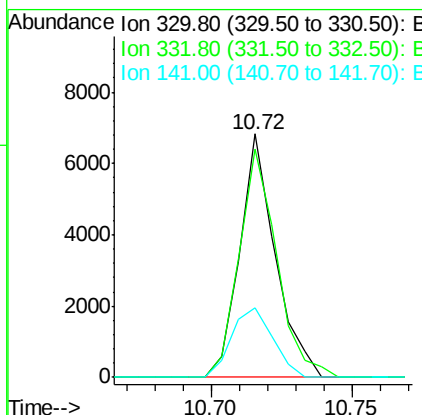
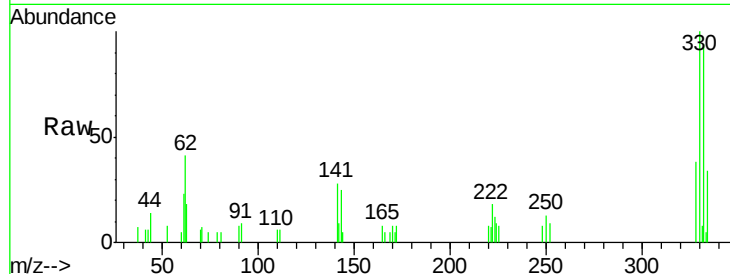




#42
 2,4,6-Tribromophenol
 Concen: 2.032 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

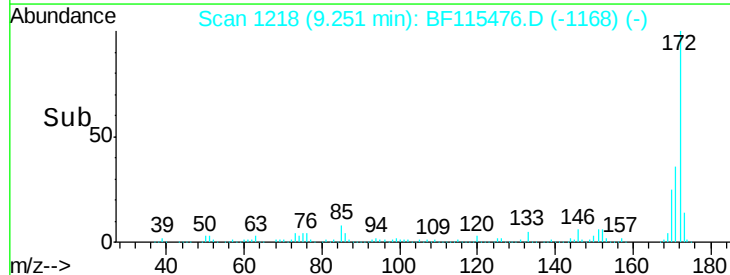
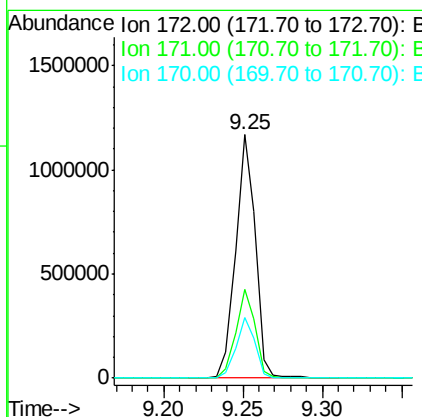
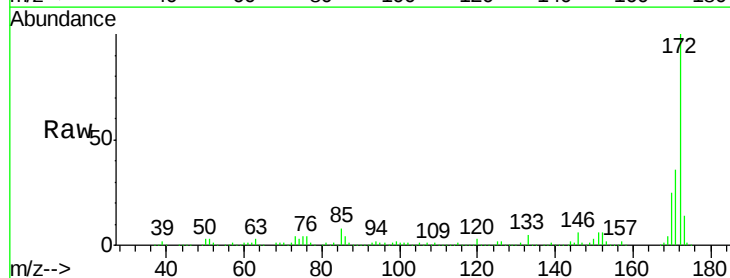
Instrument :
 BNA_F
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 CONCRETE-RBR-251685RE

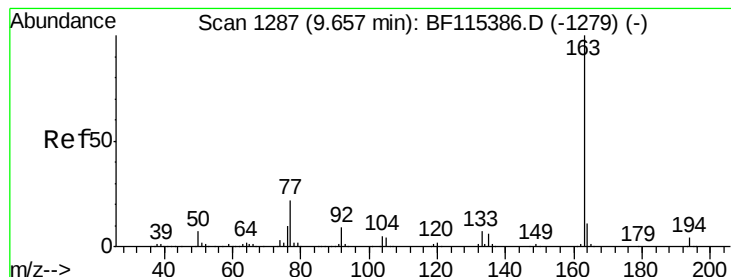
Tgt Ion:330 Resp: 5977
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.0
 141 32.9 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 66.347 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115476.D
 Acq: 11 Jul 2019 00:48

Tgt Ion:172 Resp: 1005823
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.8
 170 24.7 20.0 30.0





#50

Dimethylphthalate

Concen: 4.819 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115476.D

Acq: 11 Jul 2019 00:48

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RBR-251685RE

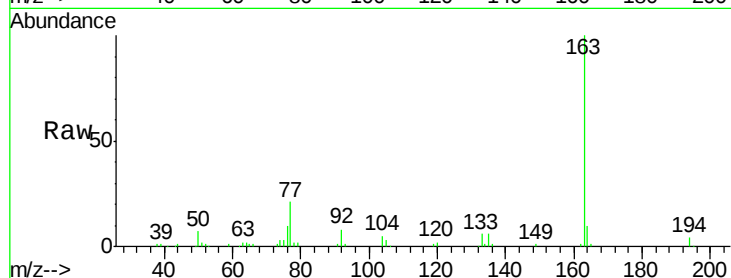
Tgt Ion:163 Resp: 96215

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

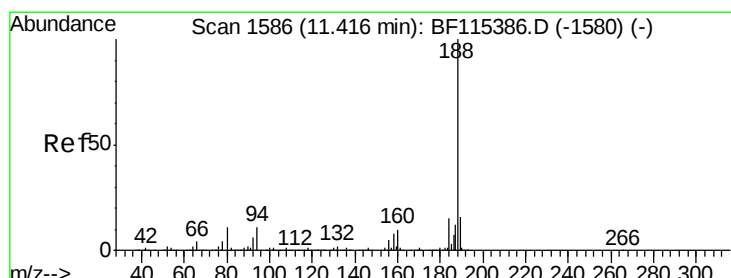
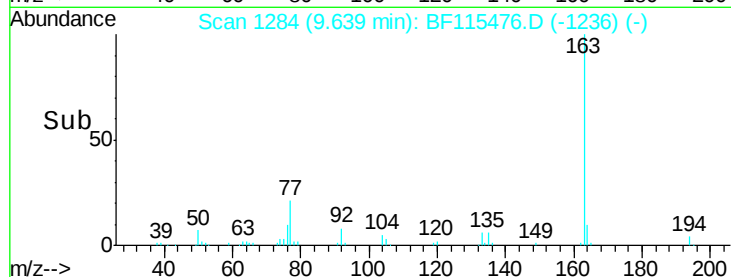
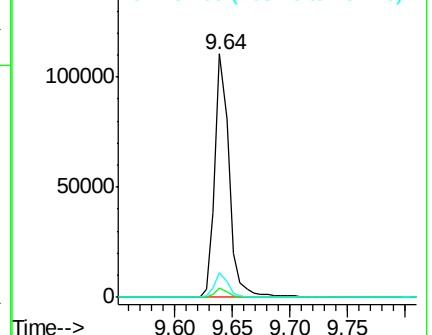
164 10.2 8.6 13.0



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: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115476.D

Acq: 11 Jul 2019 00:48

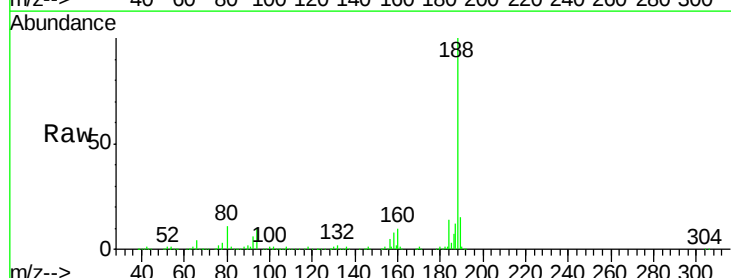
Tgt Ion:188 Resp: 495995

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.8

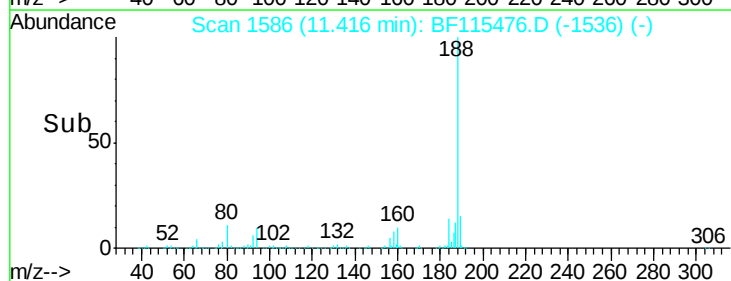
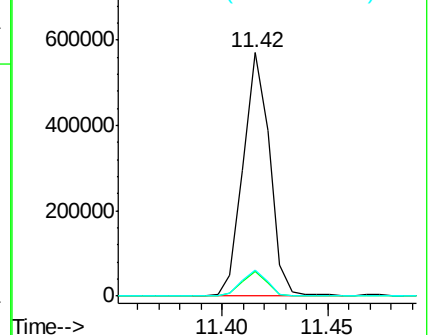
80 10.8 8.4 12.6

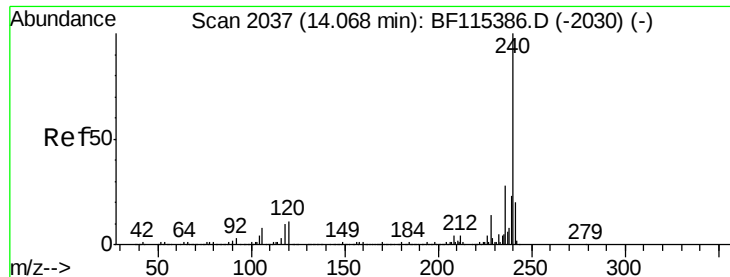


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

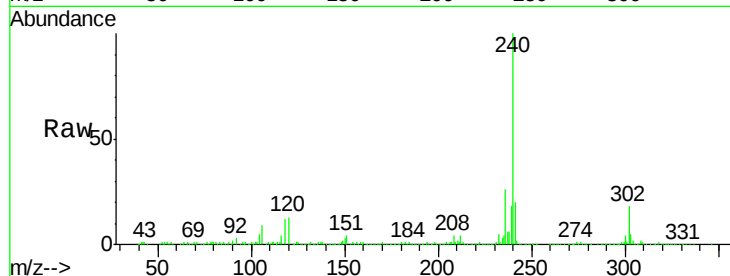




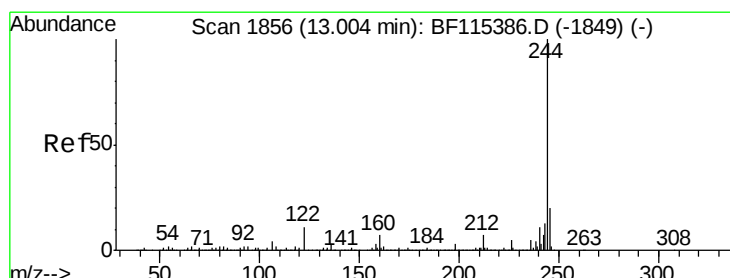
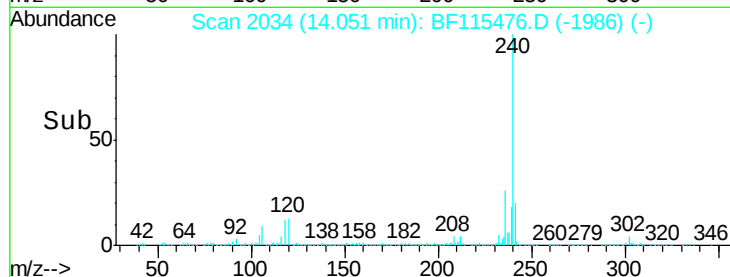
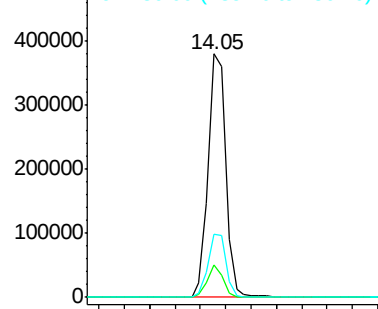
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
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CONCRETE-RBR-251685RE

Tgt Ion:240 Resp: 363646
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 26.0 21.1 31.7

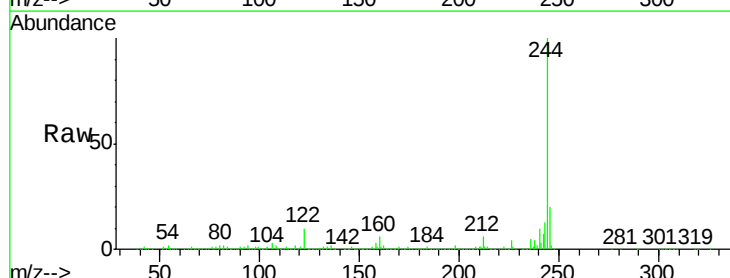


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

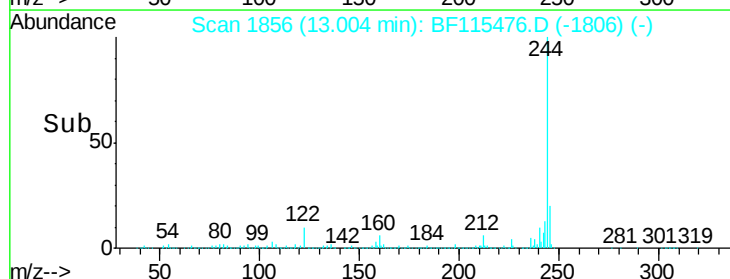
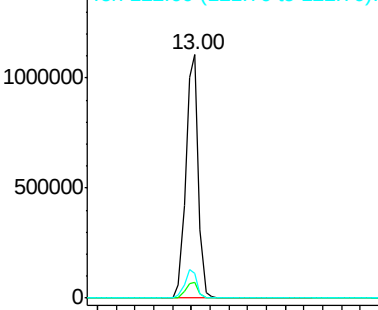


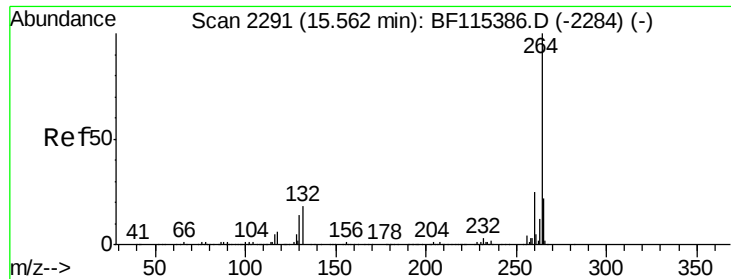
#79
Terphenyl-d14
Concen: 58.781 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Tgt Ion:244 Resp: 1043970
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 10.2 9.1 13.7



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

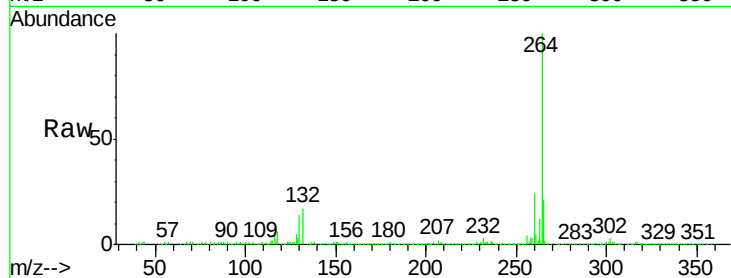




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115476.D
Acq: 11 Jul 2019 00:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685RE

Tgt Ion: 264 Resp: 424204
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 21.4 17.8 26.6



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

