

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115487.D
 Acq On : 11 Jul 2019 6:40
 Operator : HP/JU
 Sample : K3716-02 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: Jul 11 08:36:49 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

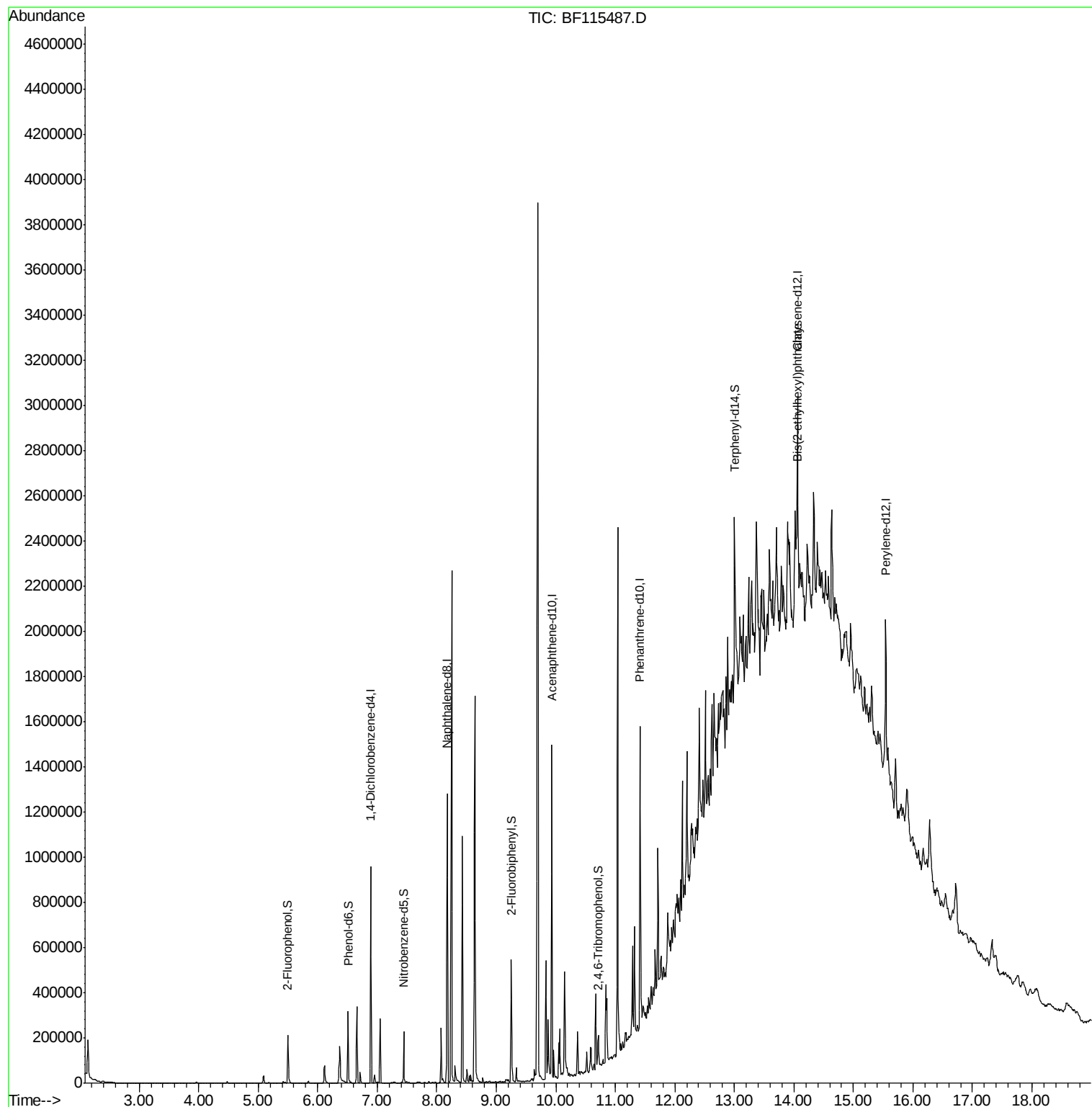
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128584	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	526849	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	258970	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	462350	20.00	ng	0.00
76) Chrysene-d12	14.06	240	303455	20.00	ng	0.00
87) Perylene-d12	15.54	264	355698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	66707	8.02	ng	-0.02
7) Phenol-d6	6.51	99	105265	9.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	61735	6.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	16816	5.87	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	141584	9.59	ng	0.00
79) Terphenyl-d14	13.00	244	121180	8.18	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phthalate	14.04	149	55196	4.323	ng	Qvalue 97

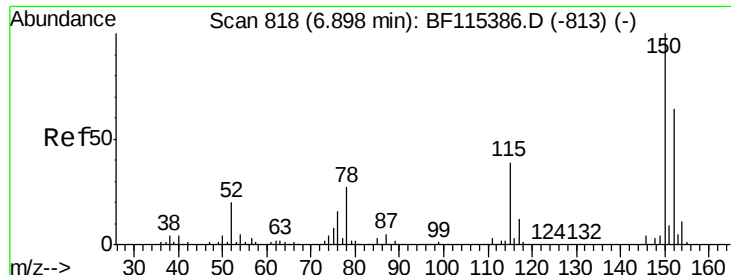
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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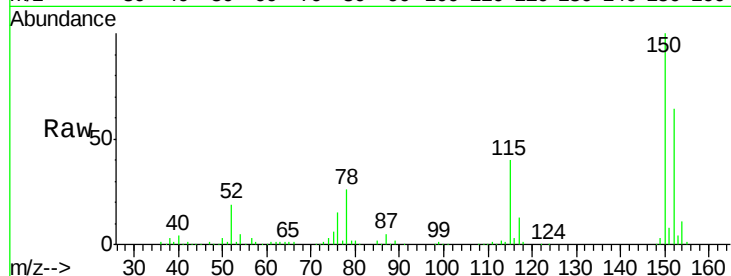


#1

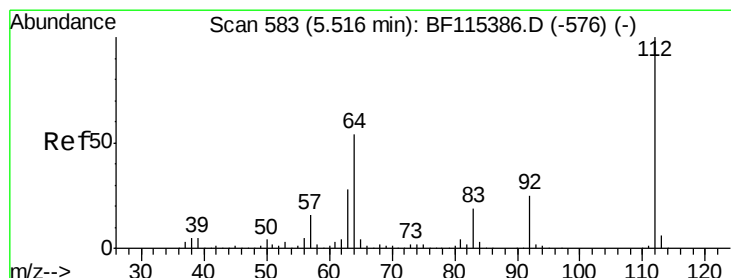
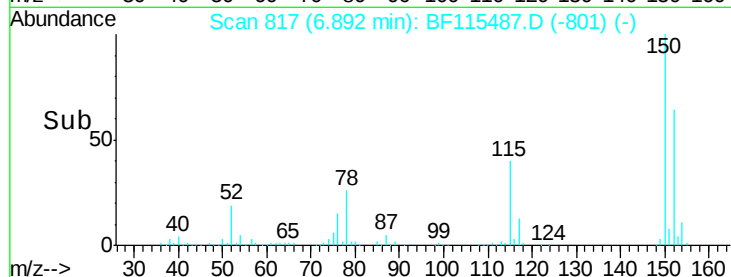
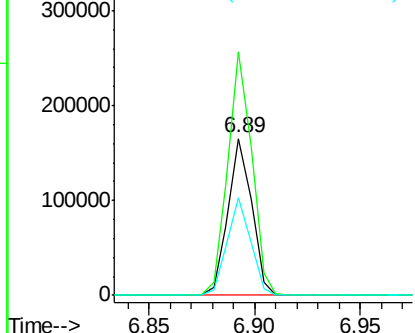
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115487.D
 Acq: 11 Jul 2019 6:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion:152 Resp: 128584
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.2
 115 62.5 46.2 69.4



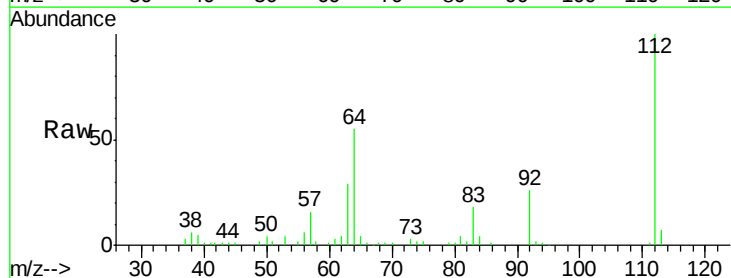
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



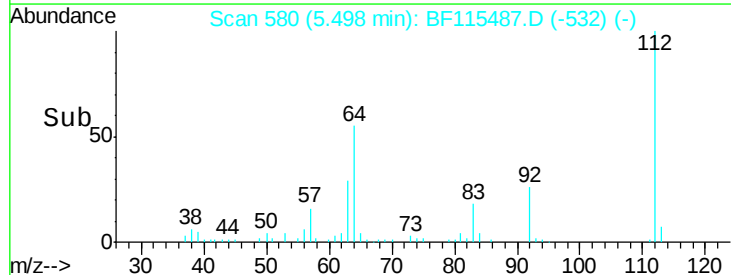
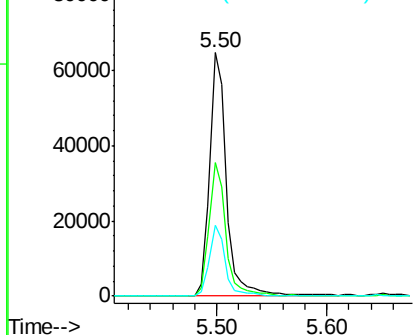
#5

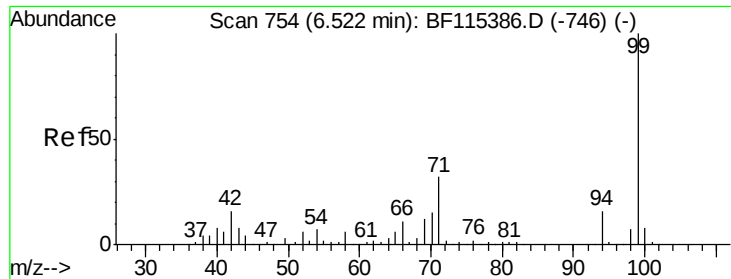
2-Fluorophenol
 Concen: 8.015 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF115487.D
 Acq: 11 Jul 2019 6:40

Tgt Ion:112 Resp: 66707
 Ion Ratio Lower Upper
 112 100
 64 54.8 44.2 66.2
 63 29.2 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: 9.945 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115487.D

Acq: 11 Jul 2019 6:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

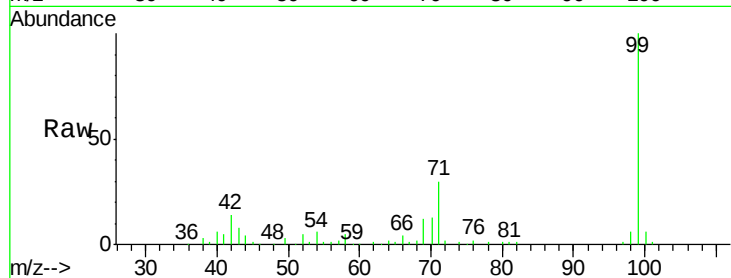
Tgt Ion: 99 Resp: 105265

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

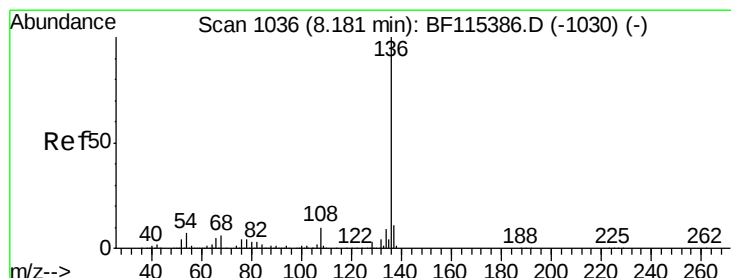
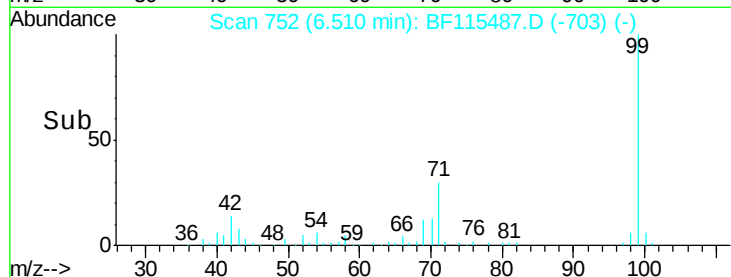
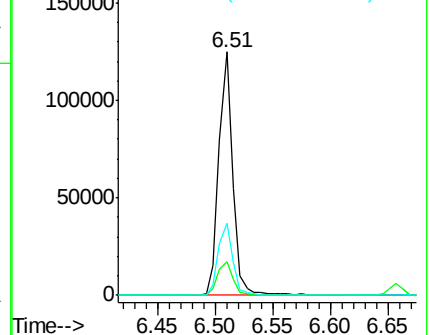
71 29.9 26.5 39.7



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: BF115487.D

Acq: 11 Jul 2019 6:40

Tgt Ion: 136 Resp: 526849

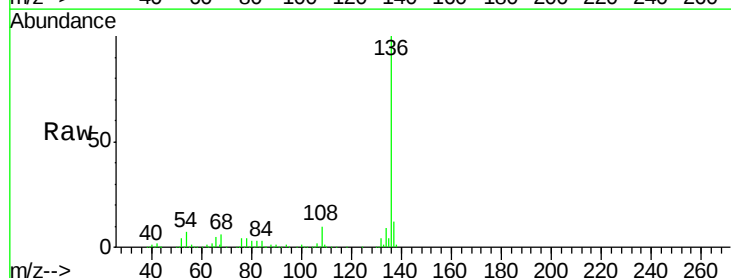
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.9 5.4 8.0

68 6.5 4.8 7.2

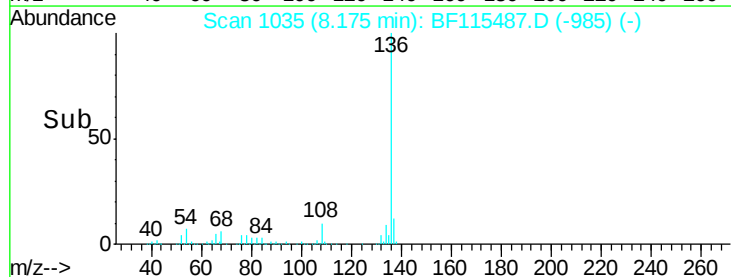
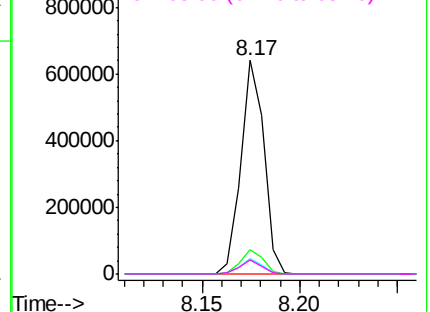


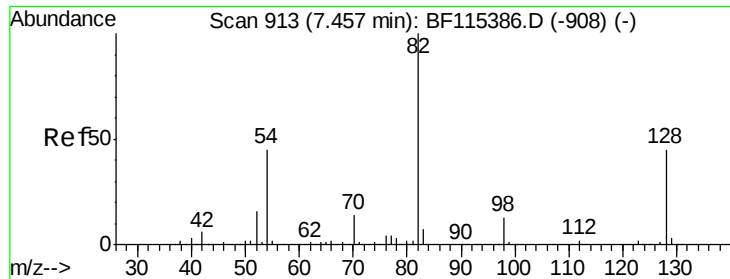
Abundance Ion 136.00 (135.70 to 136.70): E

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

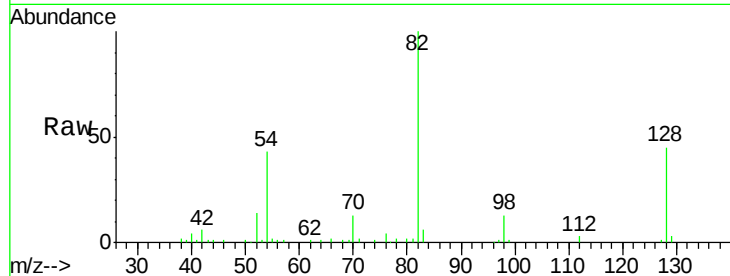




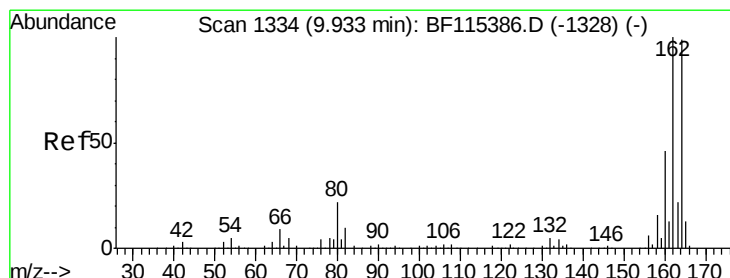
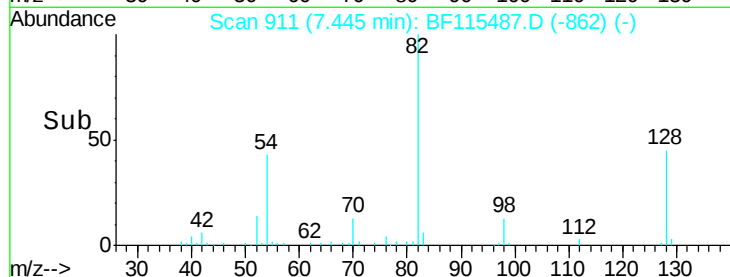
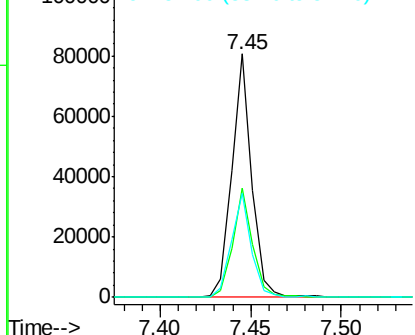
#23
Nitrobenzene-d5
Concen: 6.923 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115487.D
Acq: 11 Jul 2019 6:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion: 82 Resp: 61735
Ion Ratio Lower Upper
82 100
128 44.9 36.7 55.1
54 42.6 35.6 53.4

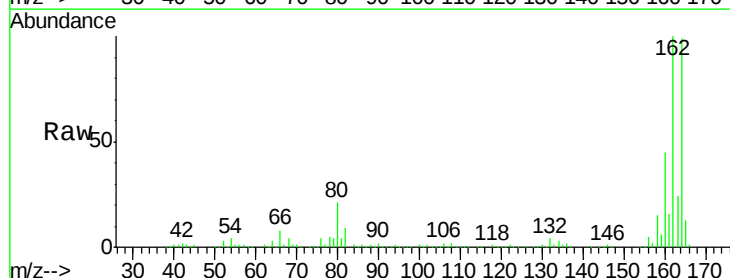


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

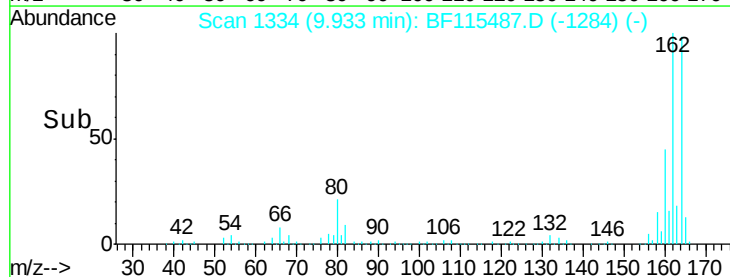
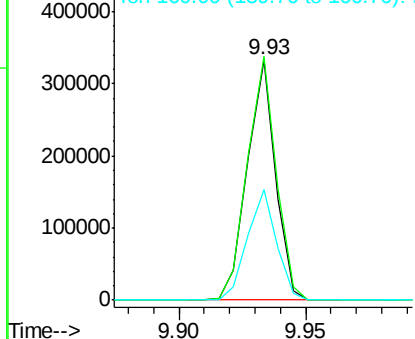


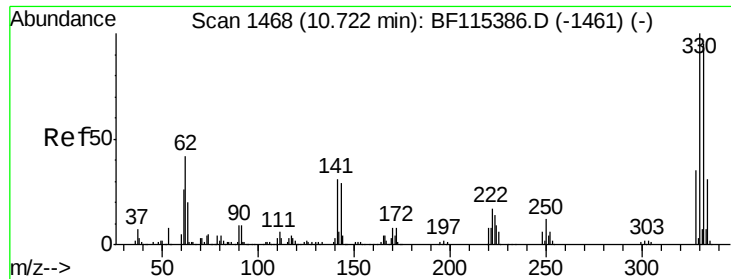
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115487.D
Acq: 11 Jul 2019 6:40

Tgt Ion: 164 Resp: 258970
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 46.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

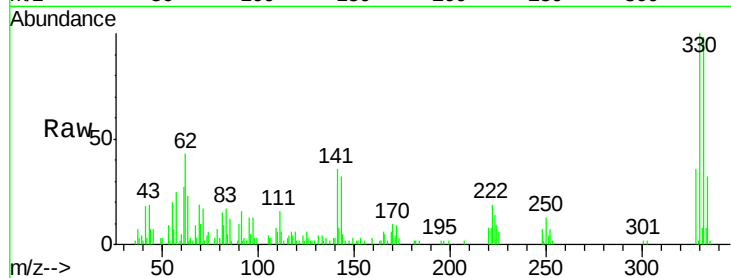




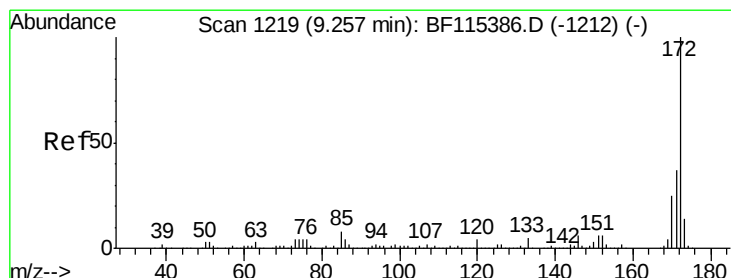
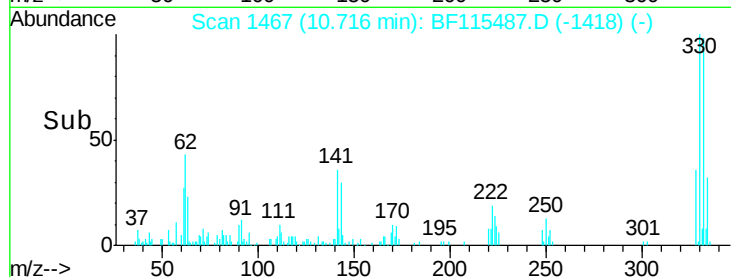
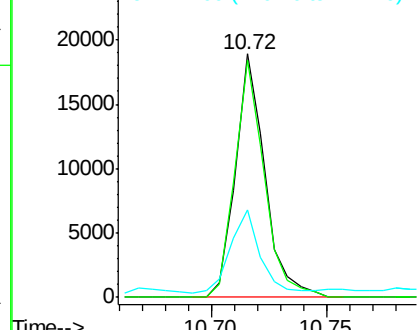
#42
 2,4,6-Tribromophenol
 Concen: 5.873 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115487.D
 Acq: 11 Jul 2019 6:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion: 330 Resp: 16816
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.0
 141 35.4 24.7 37.1

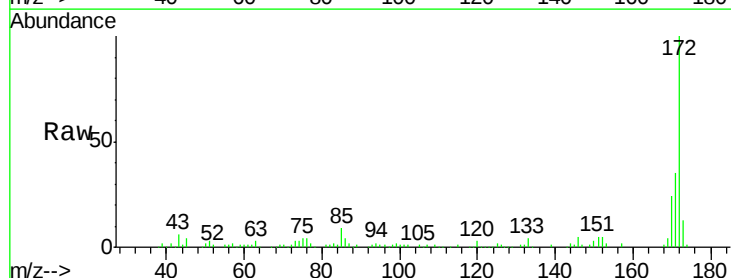


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

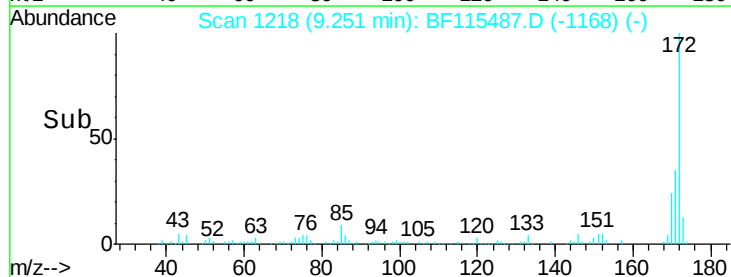
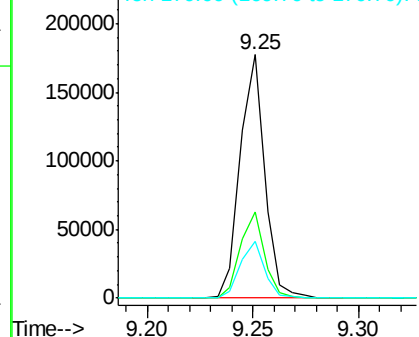


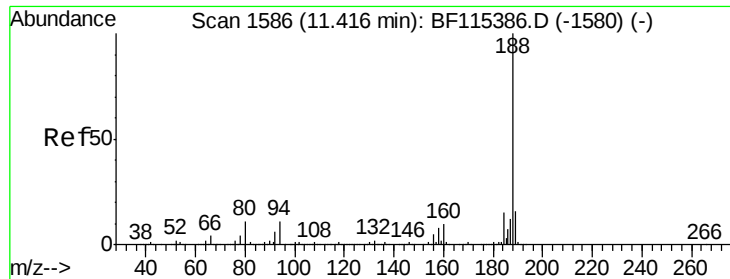
#45
 2-Fluorobiphenyl
 Concen: 9.594 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115487.D
 Acq: 11 Jul 2019 6:40

Tgt Ion: 172 Resp: 141584
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.8
 170 23.5 20.0 30.0



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: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115487.D

Acq: 11 Jul 2019 6:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

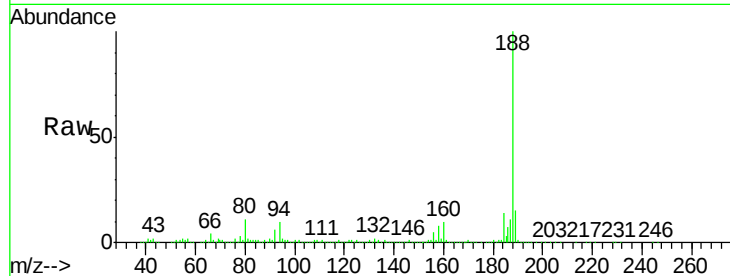
Tgt Ion:188 Resp: 462350

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.8

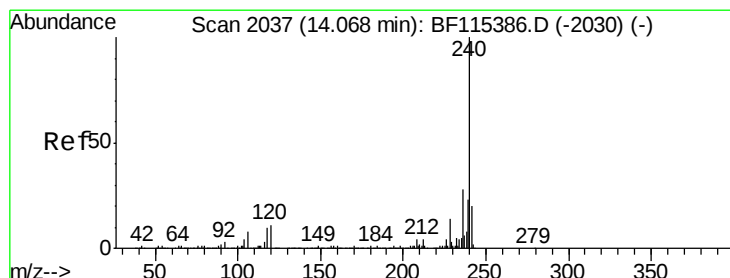
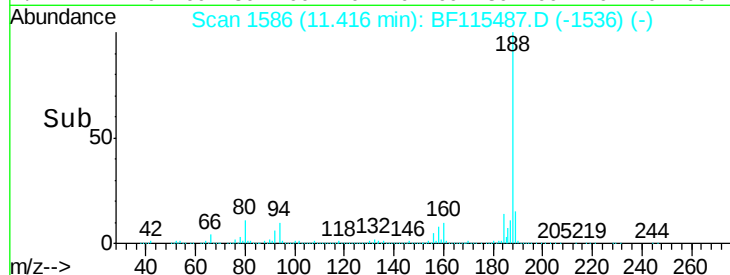
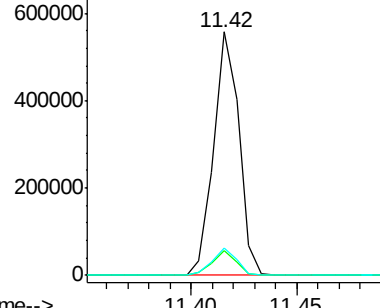
80 11.1 8.4 12.6



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115487.D

Acq: 11 Jul 2019 6:40

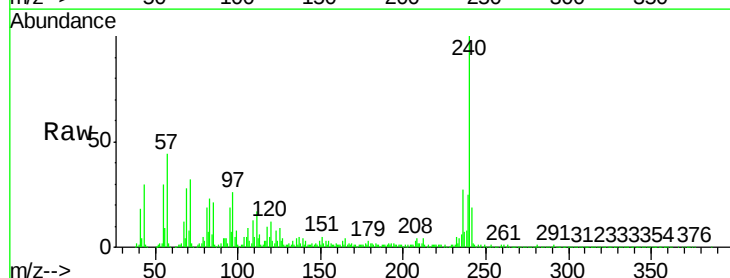
Tgt Ion:240 Resp: 303455

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

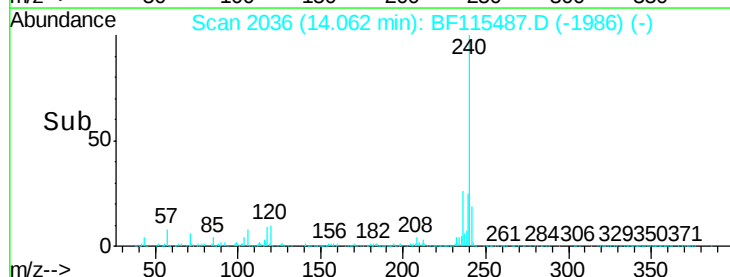
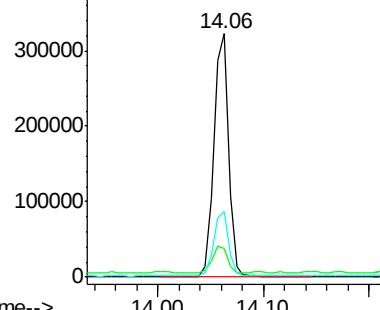
236 26.8 21.1 31.7

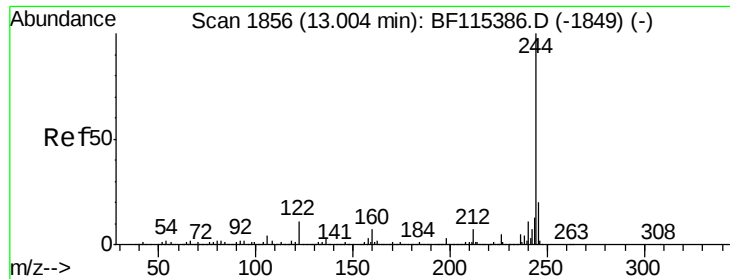


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.176 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115487.D

Acq: 11 Jul 2019 6:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

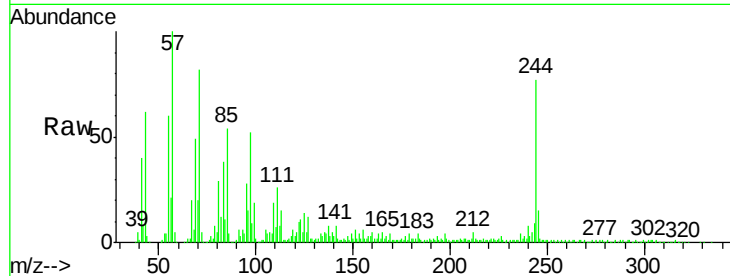
Tgt Ion:244 Resp: 121180

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

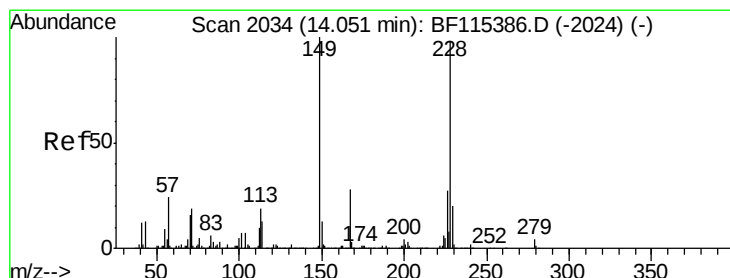
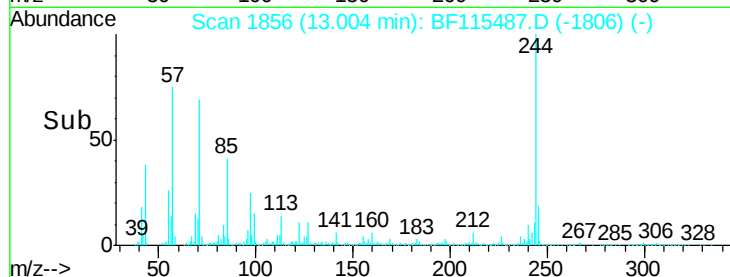
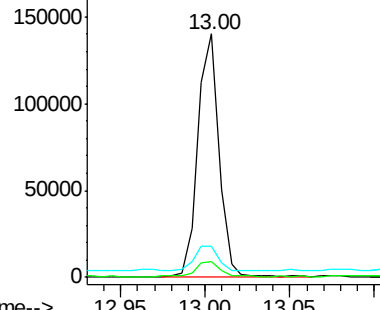
122 13.0 9.1 13.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.323 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115487.D

Acq: 11 Jul 2019 6:40

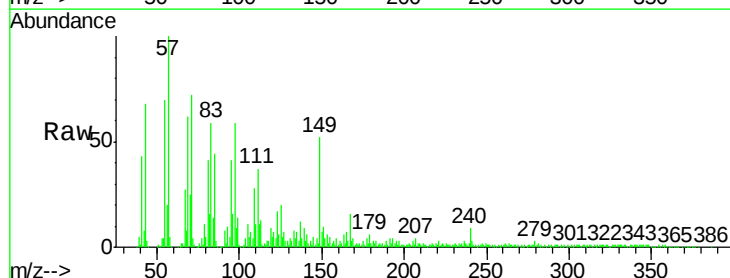
Tgt Ion:149 Resp: 55196

Ion Ratio Lower Upper

149 100

167 30.1 22.6 34.0

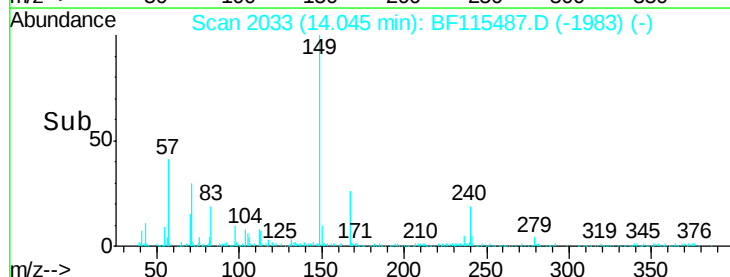
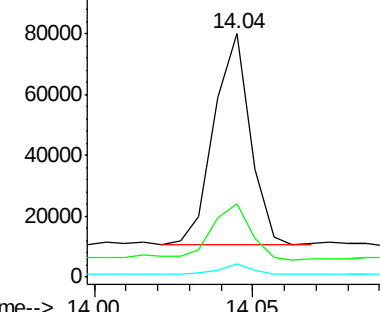
279 5.3 3.8 5.6

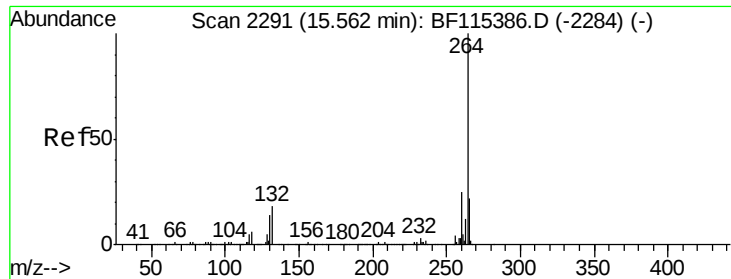


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115487.D
Acq: 11 Jul 2019 6:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion: 264 Resp: 355698
Ion Ratio Lower Upper
264 100
260 25.0 20.1 30.1
265 21.2 17.8 26.6

