

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115440.D
 Acq On : 9 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3687-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RBR-251685

Quant Time: Jul 10 03:06:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

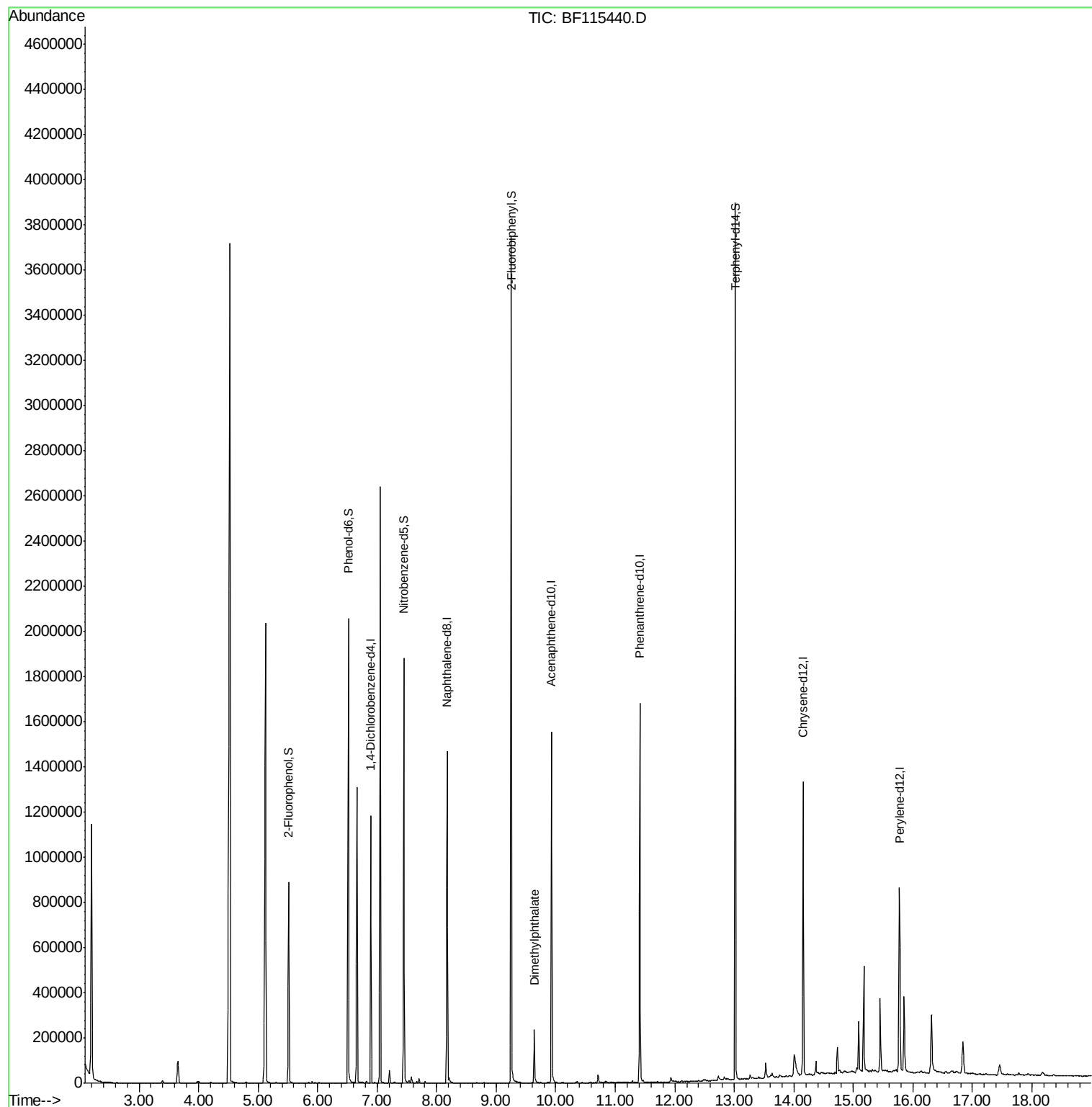
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156389	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	601257	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	312722	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	619036	20.00	ng	0.00
76) Chrysene-d12	14.16	240	448594	20.00	ng	-0.06
87) Perylene-d12	15.77	264	397697	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	234685	23.19	ng	0.00
7) Phenol-d6	6.52	99	781826	60.73	ng	-0.01
23) Nitrobenzene-d5	7.45	82	606075	59.56	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	5769	1.67	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1142608	64.11	ng	0.00
79) Terphenyl-d14	13.02	244	1436197	65.55	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.64	163	110662	4.715	ng	Qvalue 98

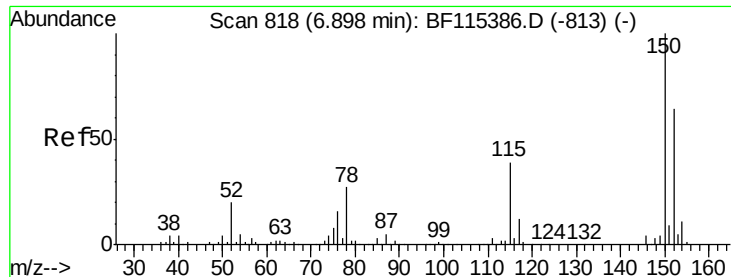
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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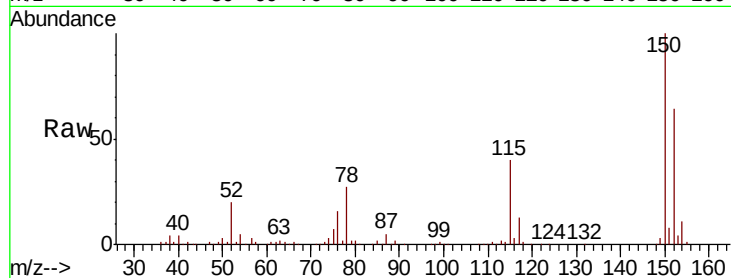


#1

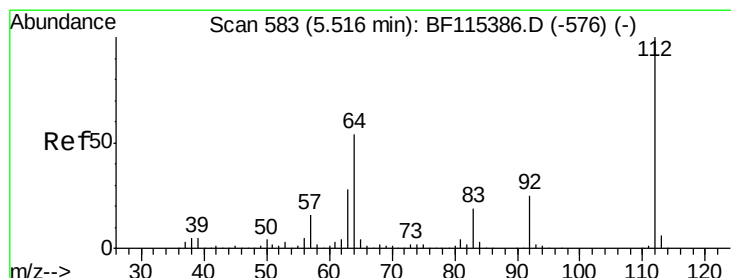
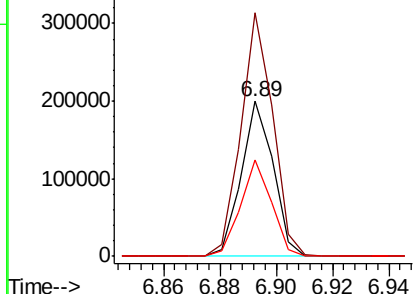
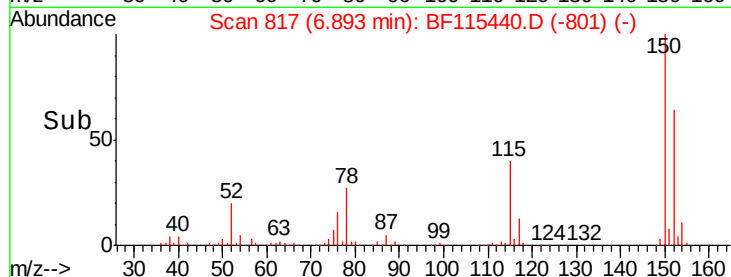
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685

Tot Ion:152 Resp: 156389
Ion Ratio Lower Upper
152 100
150 156.8 126.5 189.7
115 62.3 48.6 73.0



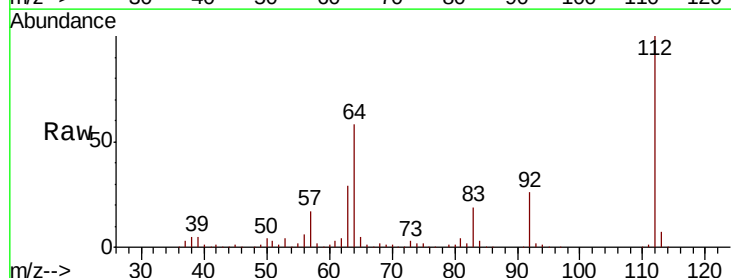
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



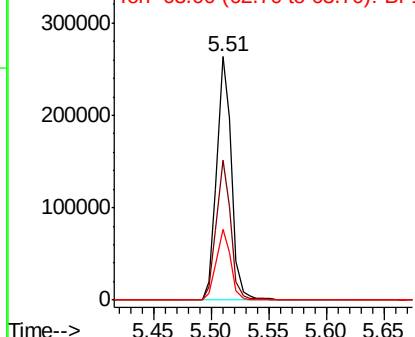
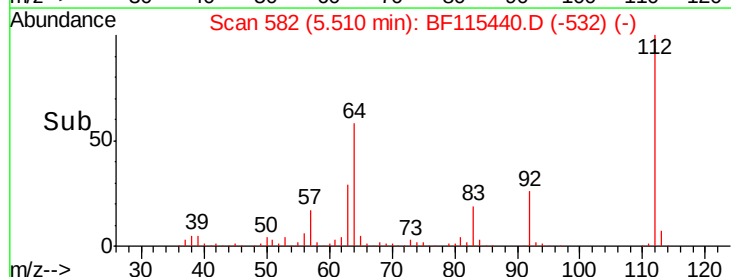
#5

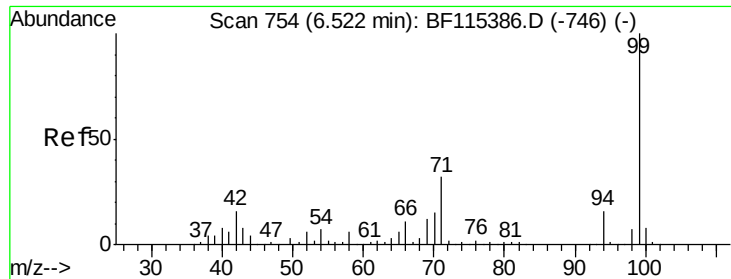
2-Fluorophenol
Concen: 23.185 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Tgt Ion:112 Resp: 234685
Ion Ratio Lower Upper
112 100
64 57.6 47.0 70.4
63 28.9 23.7 35.5



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: 60.733 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RBR-251685

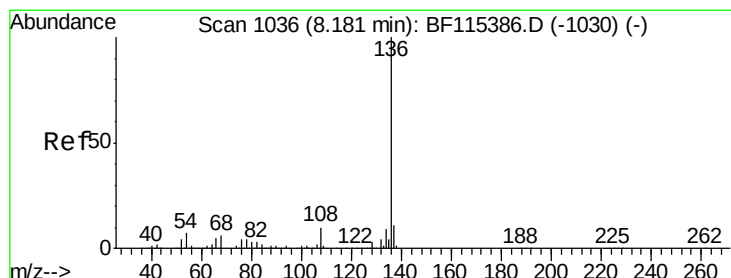
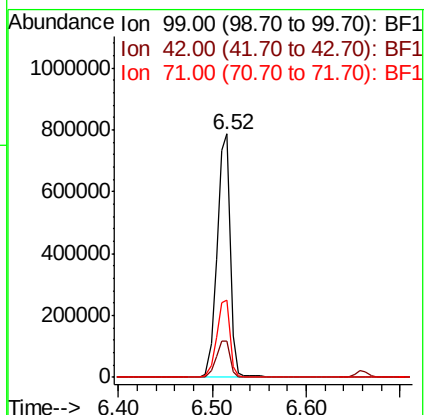
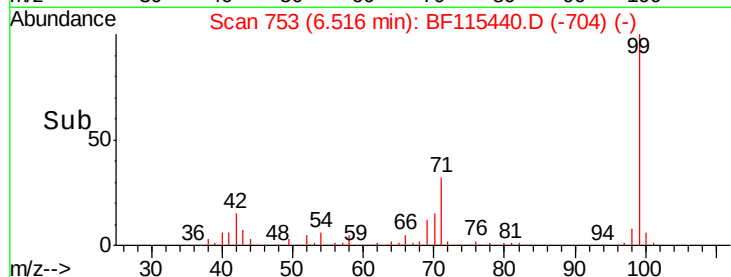
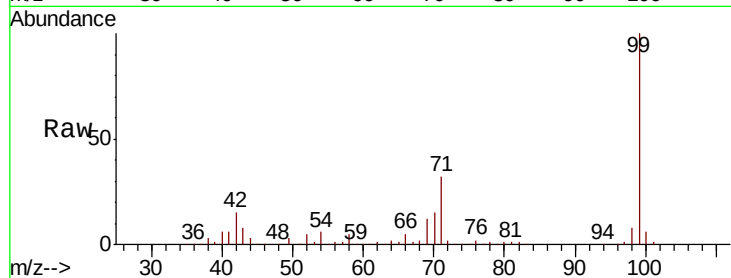
Tot Ion: 99 Resp: 781826

Ion Ratio Lower Upper

99 100

42 15.0 12.7 19.1

71 31.5 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

Tgt Ion: 136 Resp: 601257

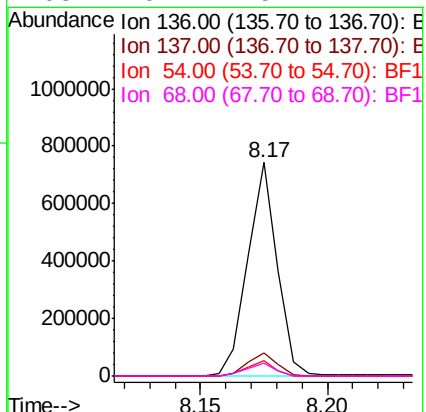
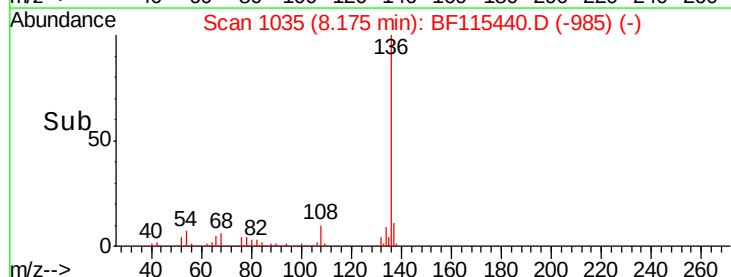
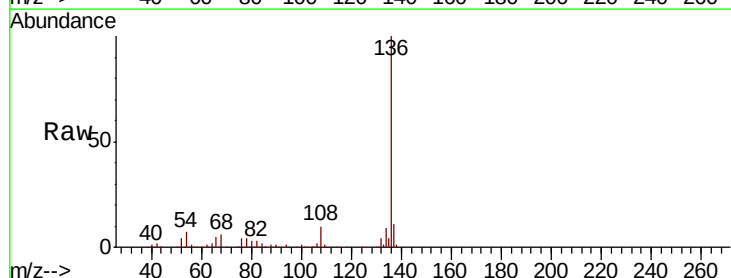
Ion Ratio Lower Upper

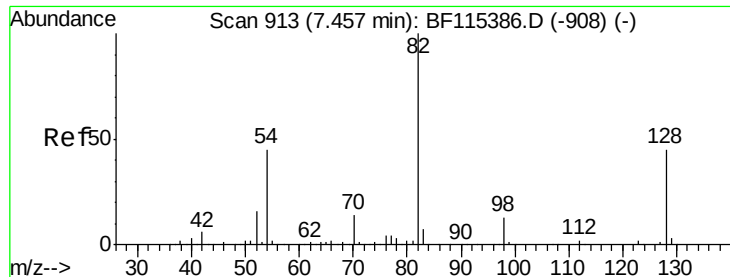
136 100

137 10.9 8.9 13.3

54 7.0 5.5 8.3

68 6.1 5.1 7.7

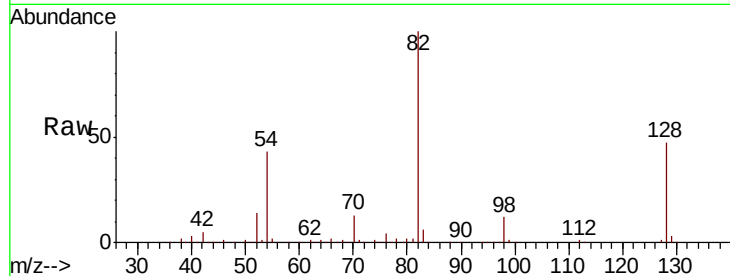




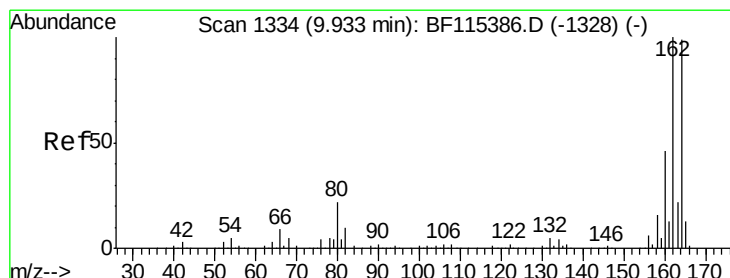
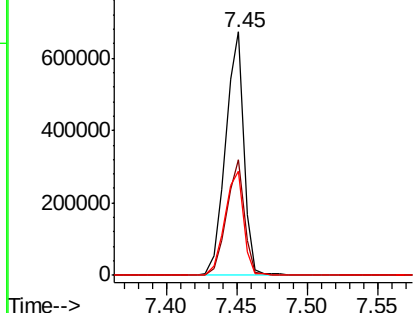
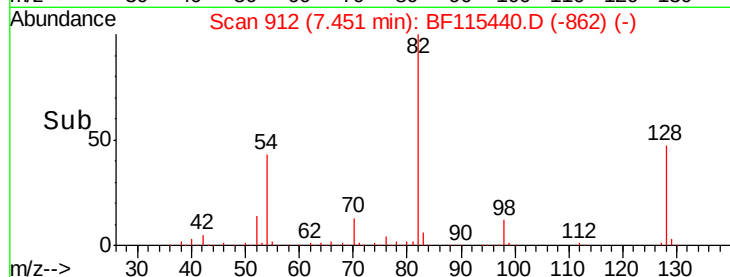
#23
Nitrobenzene-d5
Concen: 59.557 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685

Tot Ion: 82 Resp: 606075
Ion Ratio Lower Upper
82 100
128 47.2 36.2 54.4
54 42.6 35.4 53.0

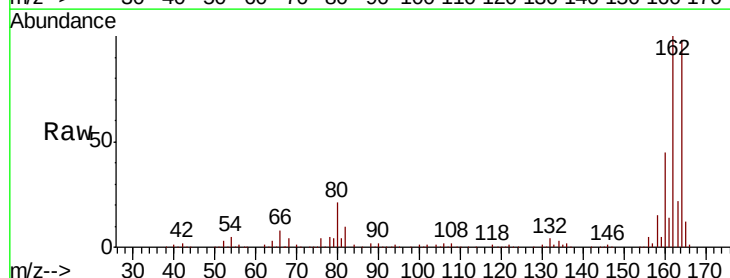


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

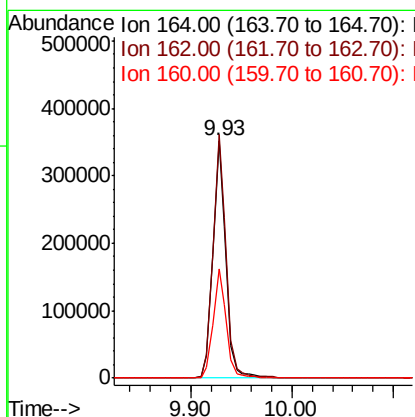
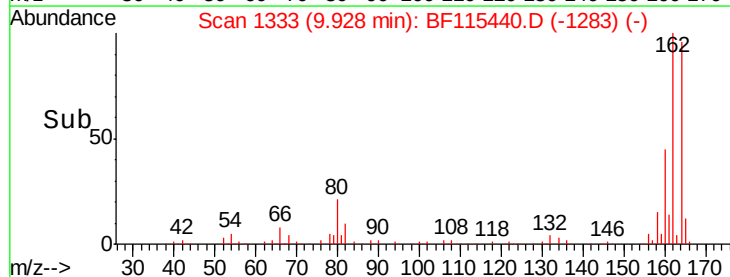


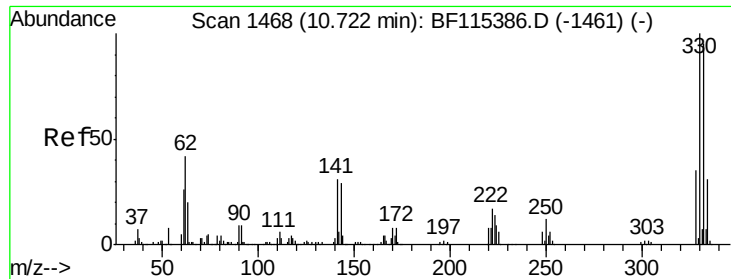
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Tgt Ion:164 Resp: 312722
Ion Ratio Lower Upper
164 100
162 102.5 81.5 122.3
160 46.0 36.6 55.0



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: 1.668 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RBR-251685

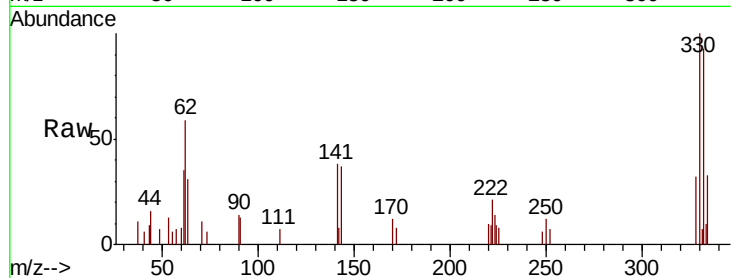
Tot Ion:330 Resp: 5769

Ion Ratio Lower Upper

330 100

332 93.8 76.6 115.0

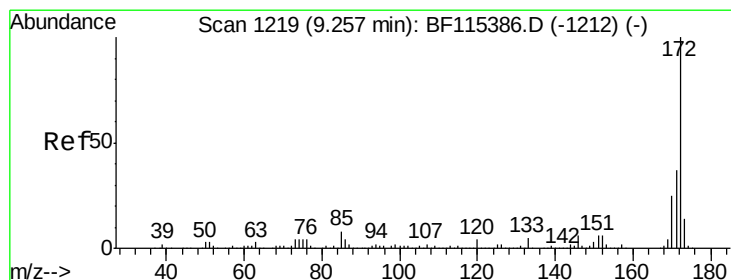
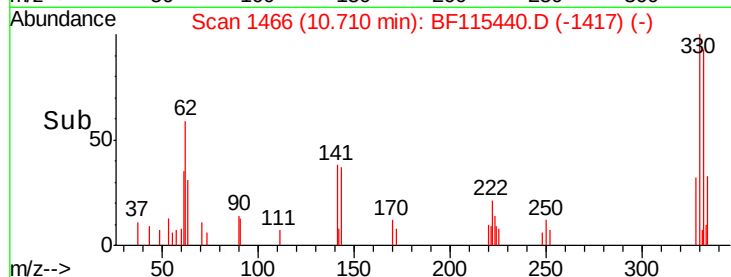
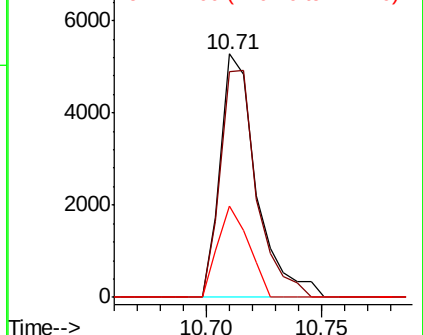
141 31.9 25.1 37.7



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: 64.114 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

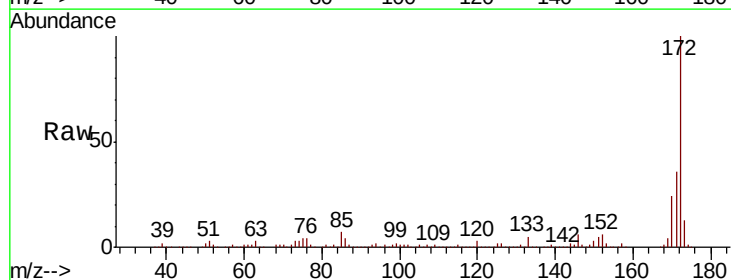
Tgt Ion:172 Resp: 1142608

Ion Ratio Lower Upper

172 100

171 35.7 29.8 44.8

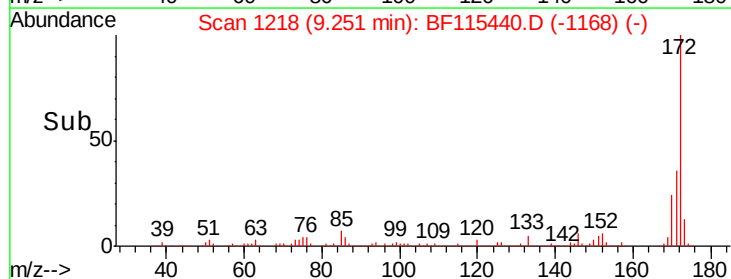
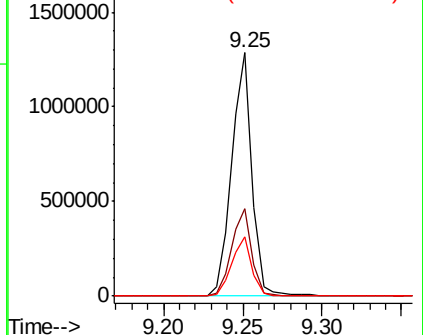
170 24.1 19.8 29.6

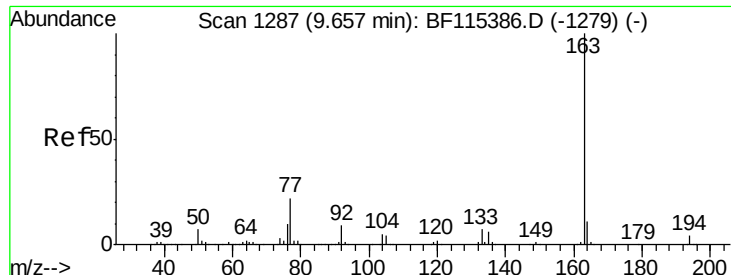


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.715 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RBR-251685

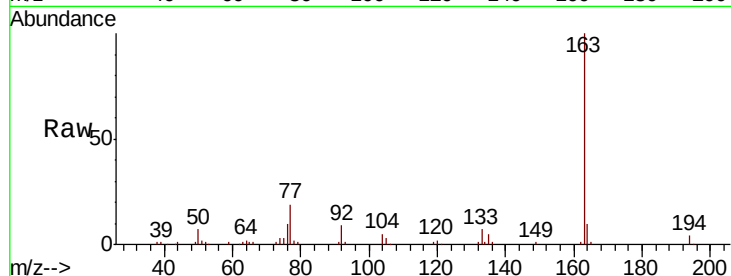
Tot Ion:163 Resp: 110662

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

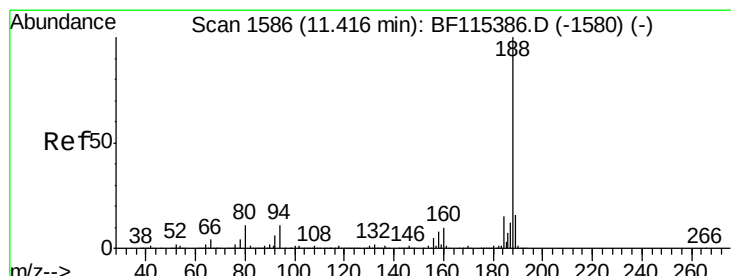
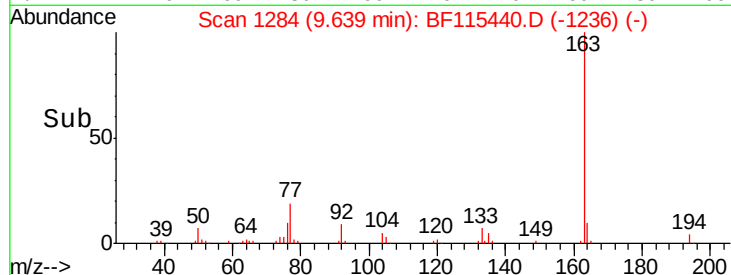
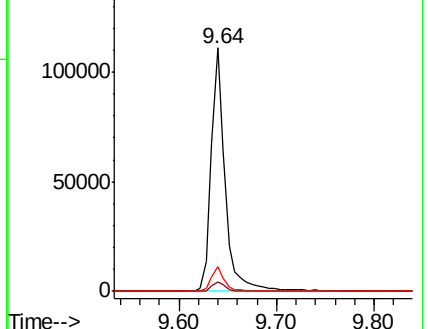
164 9.9 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115440.D

Acq: 9 Jul 2019 18:35

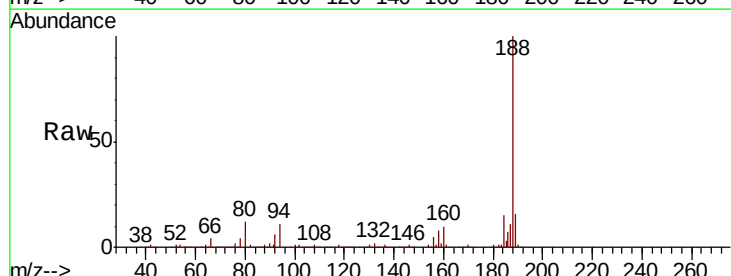
Tgt Ion:188 Resp: 619036

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

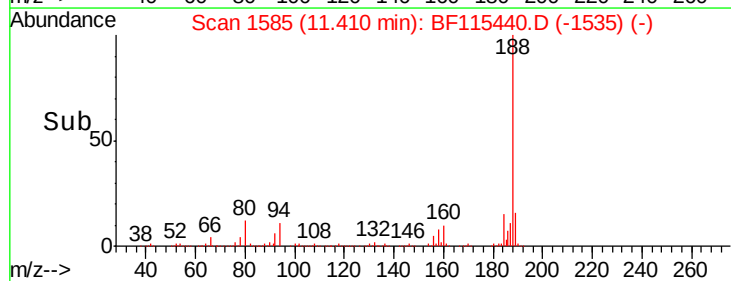
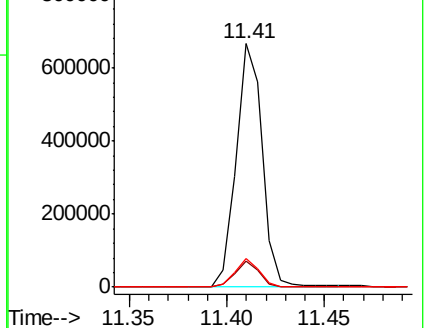
80 11.8 8.6 13.0

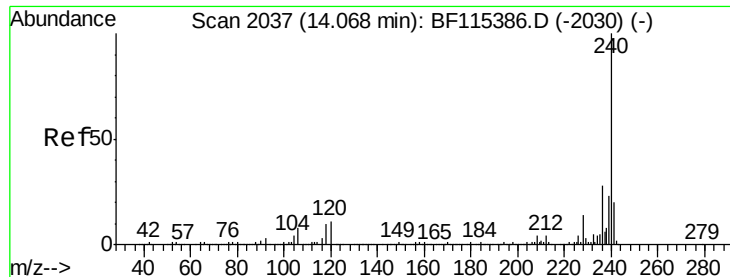


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

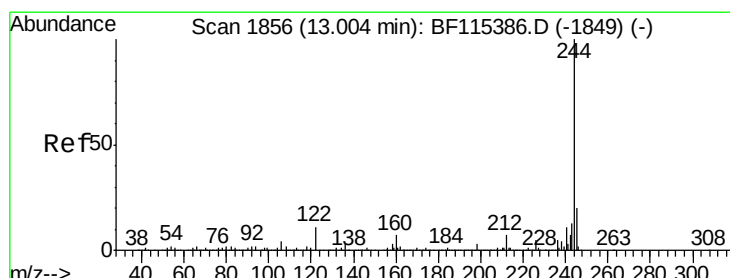
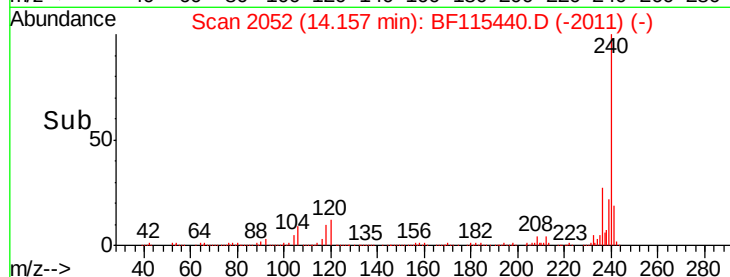
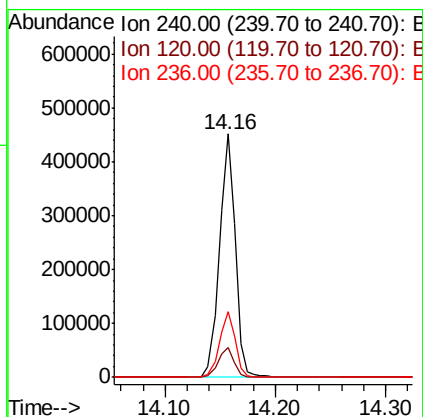
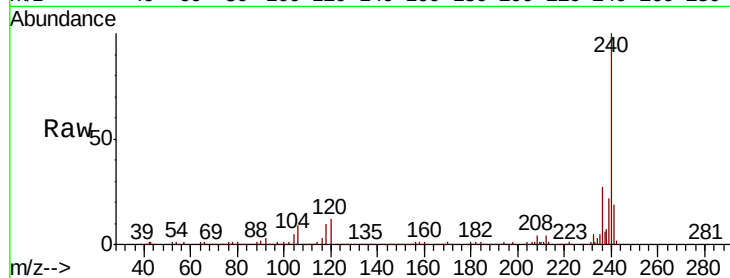




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.06 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

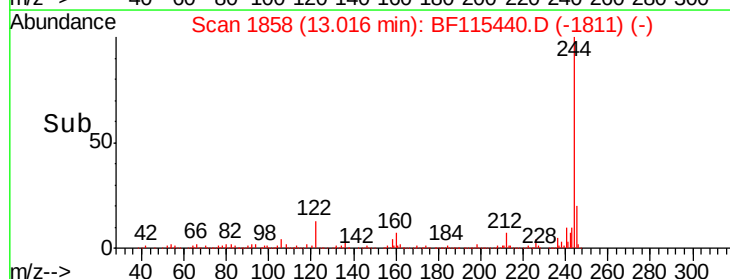
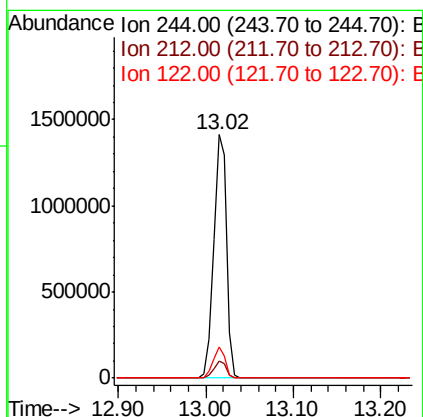
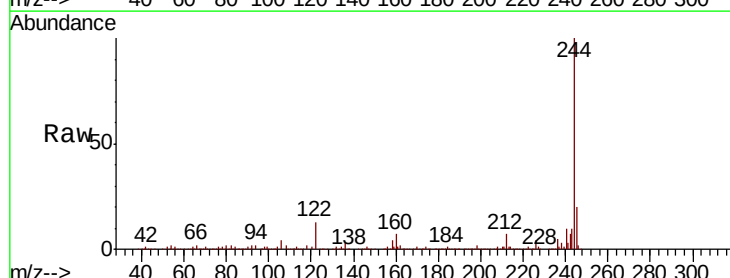
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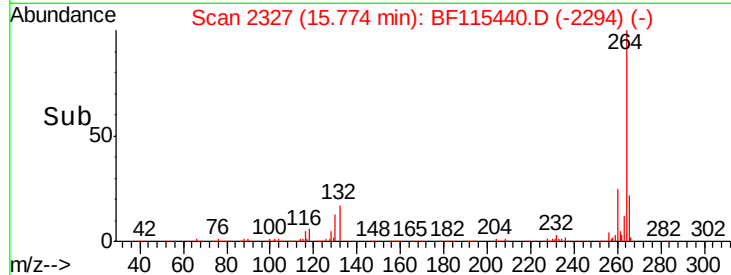
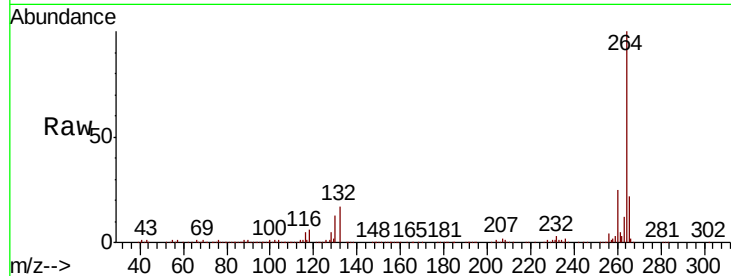
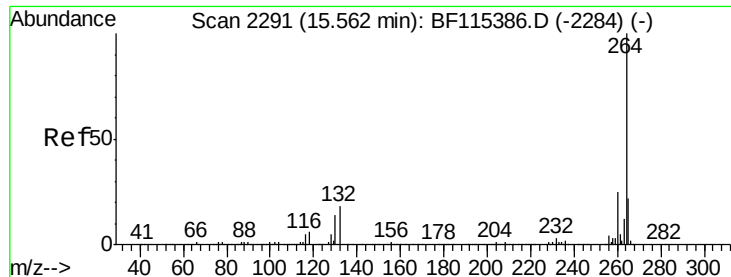
Tot Ion:240 Resp: 448594
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 27.2 21.6 32.4



#79
Terphenyl-d14
Concen: 65.552 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Tgt Ion:244 Resp: 1436197
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.6 9.3 13.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.11 min
Lab File: BF115440.D
Acq: 9 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RBR-251685

Tot Ion:	264	Resp:	397697
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.7	17.2	25.8

