

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115415.D
 Acq On : 8 Jul 2019 19:53
 Operator : HP/JU
 Sample : K3622-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-A

Quant Time: Jul 09 07:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

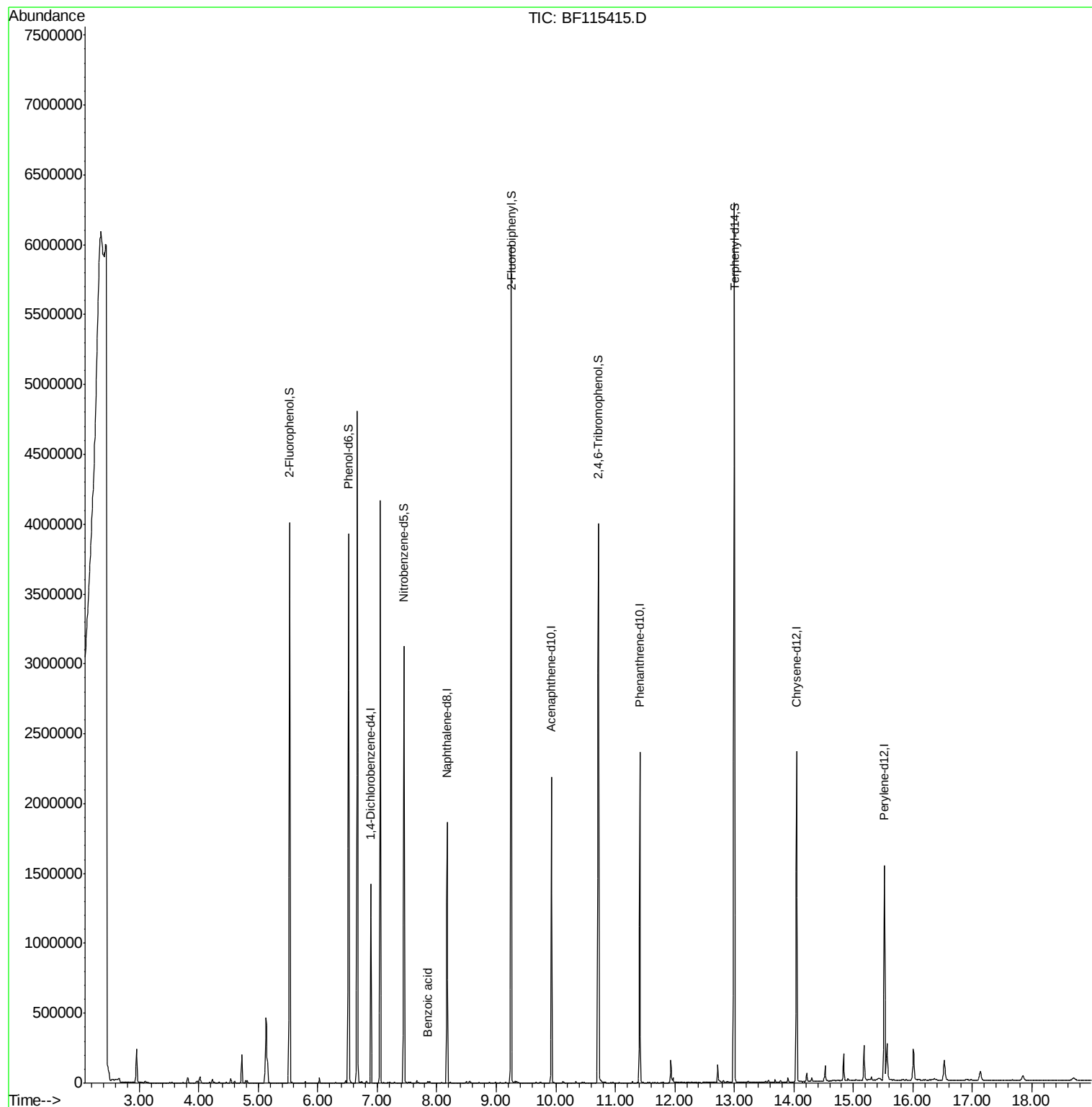
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	195926	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	779674	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	407643	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	857590	20.00	ng	0.00
76) Chrysene-d12	14.04	240	718891	20.00	ng	-0.02
87) Perylene-d12	15.52	264	759022	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1309898	103.30	ng	0.01
7) Phenol-d6	6.52	99	1607730	99.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	1179953	89.42	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	601588	133.47	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2067037	88.98	ng	0.00
79) Terphenyl-d14	13.00	244	2678967	76.30	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	3580	6.410	ng	Qvalue 95

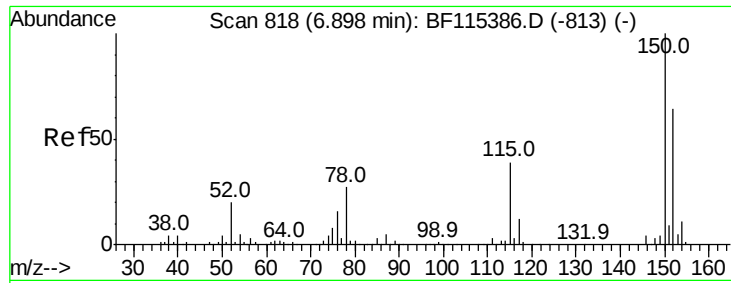
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115415.D
Acq On : 8 Jul 2019 19:53
Operator : HP/JU
Sample : K3622-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-A

Quant Time: Jul 09 07:26:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration



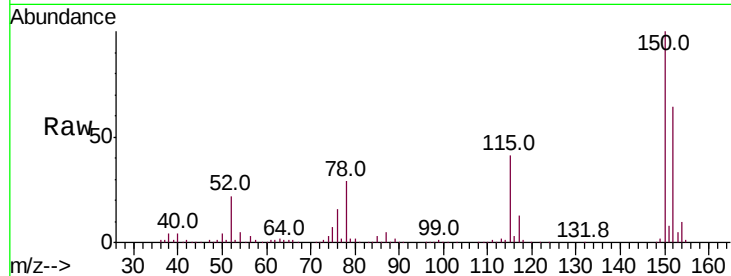


#1

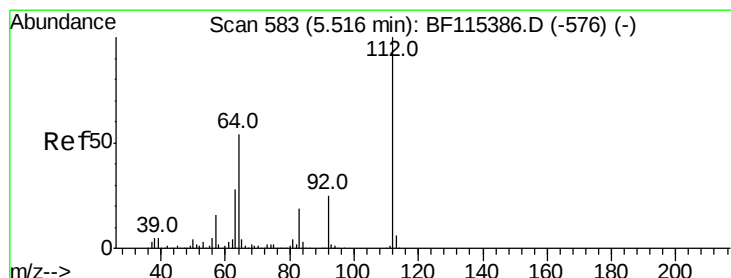
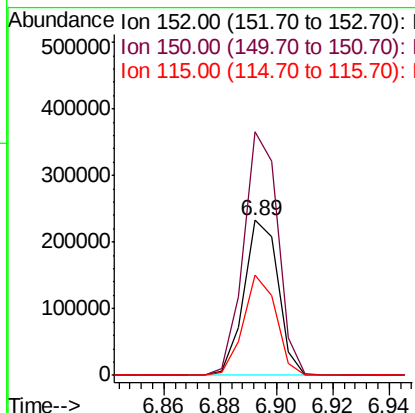
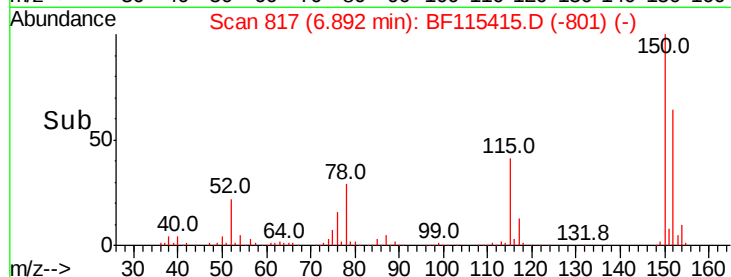
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115415.D
Acq: 8 Jul 2019 19:53

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-A

Tot Ion:152 Resp: 195926
Ion Ratio Lower Upper
152 100
150 157.2 124.7 187.1
115 64.6 48.1 72.1



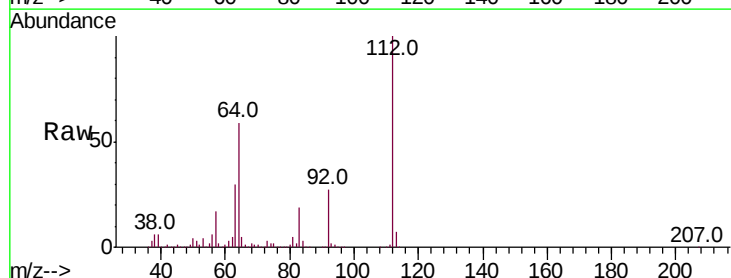
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



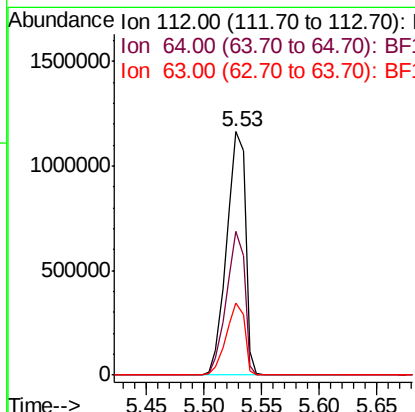
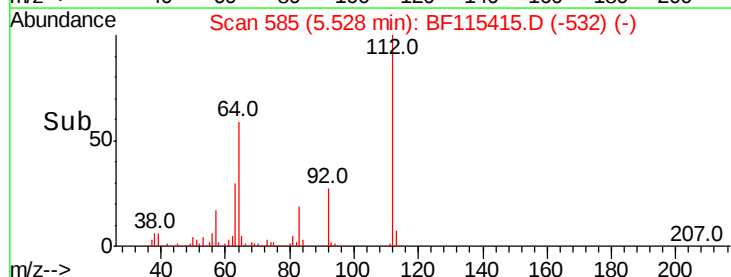
#5

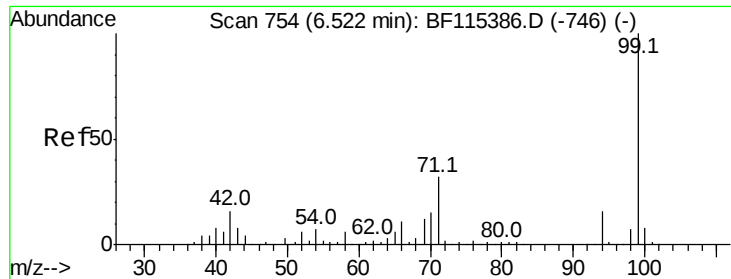
2-Fluorophenol
Concen: 103.296 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115415.D
Acq: 8 Jul 2019 19:53

Tgt Ion:112 Resp: 1309898
Ion Ratio Lower Upper
112 100
64 58.8 43.0 64.6
63 29.8 22.2 33.2



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: 99.688 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-A

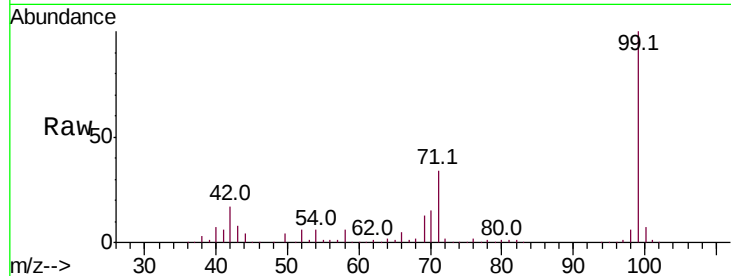
Tot Ion: 99 Resp: 1607730

Ion Ratio Lower Upper

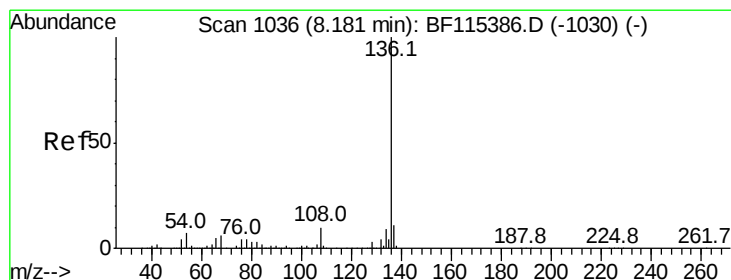
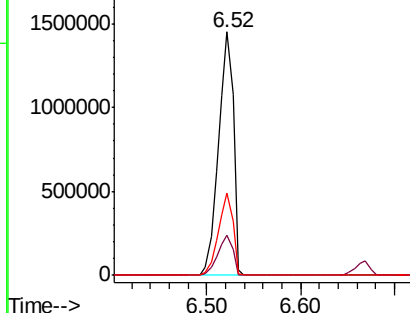
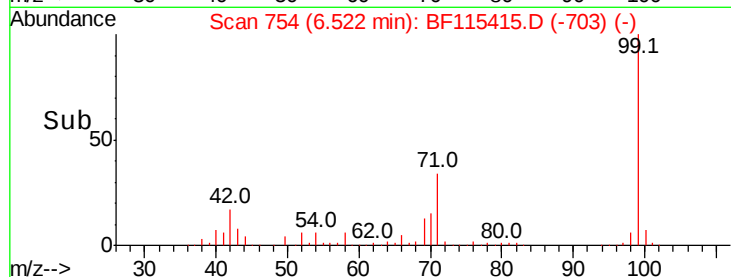
99 100

42 16.5 13.1 19.7

71 33.8 25.9 38.9



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: BF115415.D

Acq: 8 Jul 2019 19:53

Tgt Ion: 136 Resp: 779674

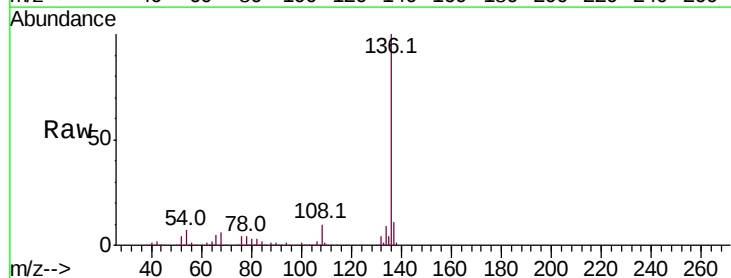
Ion Ratio Lower Upper

136 100

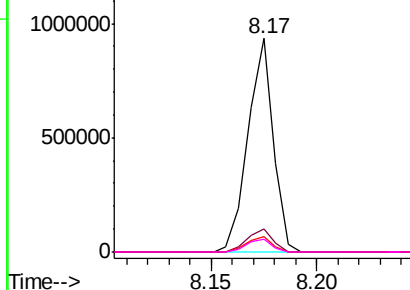
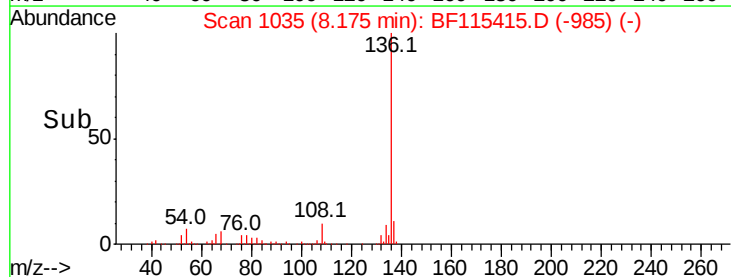
137 11.0 8.9 13.3

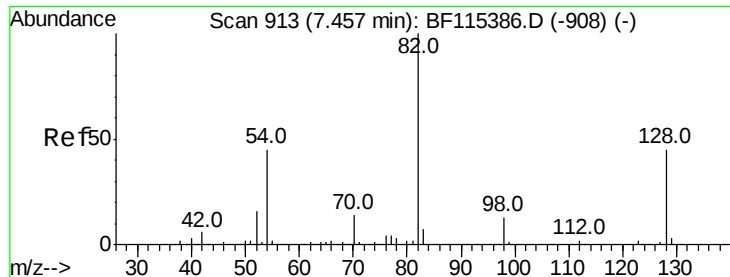
54 7.0 5.6 8.4

68 6.1 4.9 7.3



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: 89.416 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-A

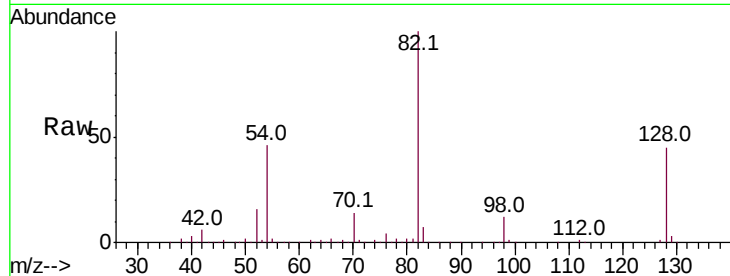
Tot Ion: 82 Resp: 1179953

Ion Ratio Lower Upper

82 100

128 45.4 35.7 53.5

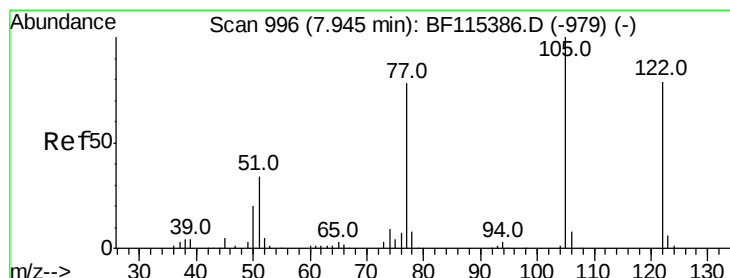
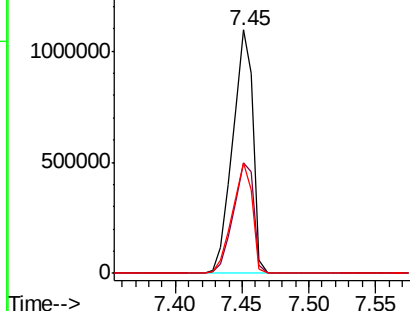
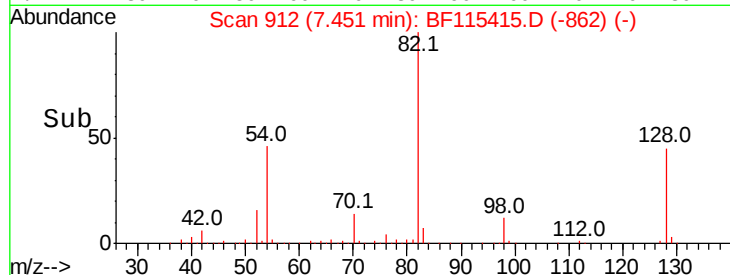
54 45.5 36.3 54.5



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



#32

Benzoic acid

Concen: 6.410 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.09 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

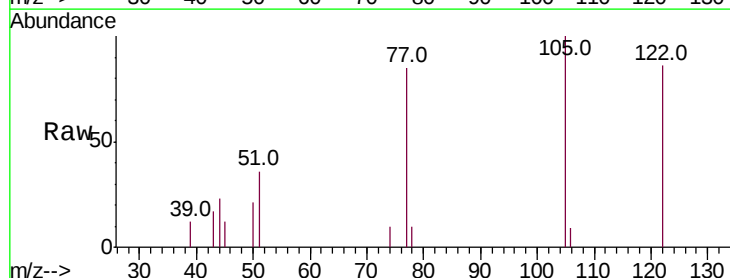
Tgt Ion:122 Resp: 3580

Ion Ratio Lower Upper

122 100

105 116.0 105.1 145.1

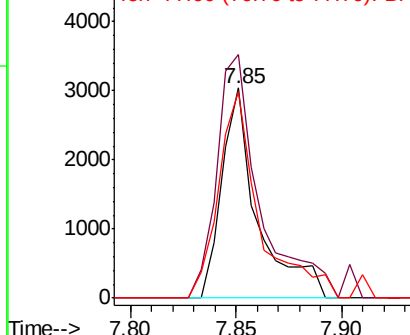
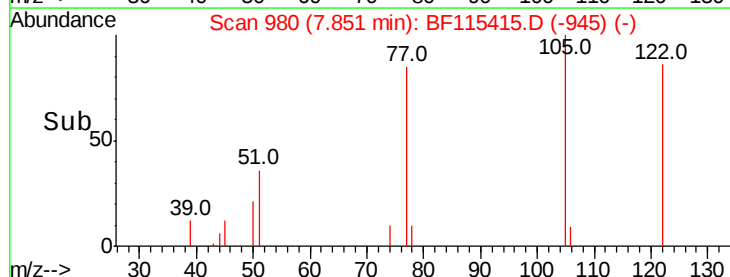
77 98.7 77.8 117.8

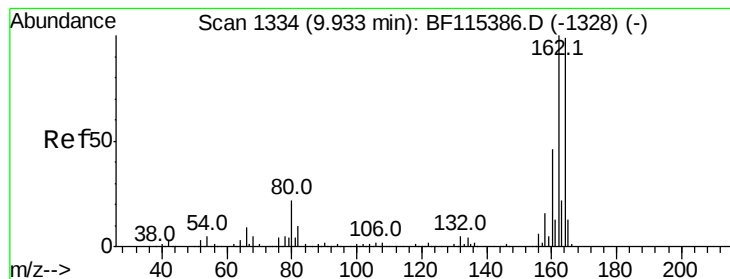


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-A

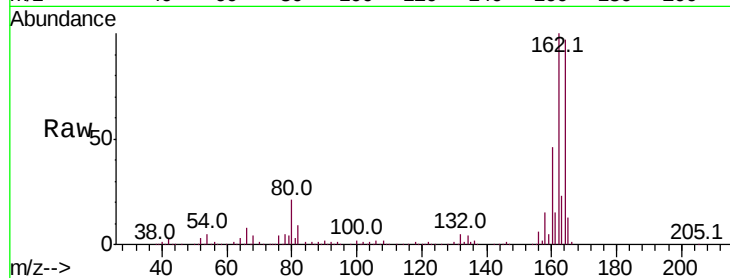
Tot Ion:164 Resp: 407643

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

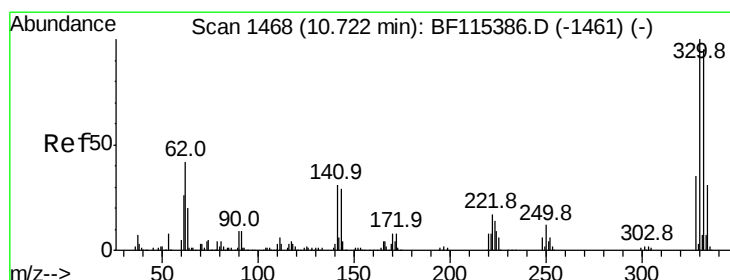
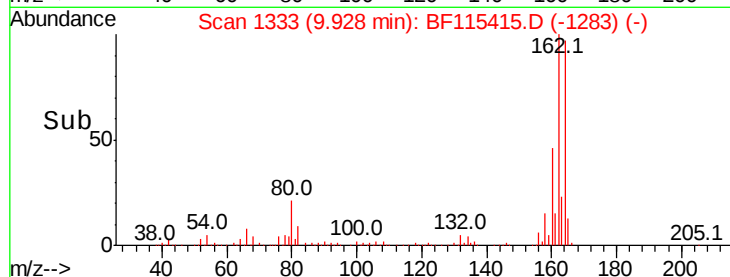
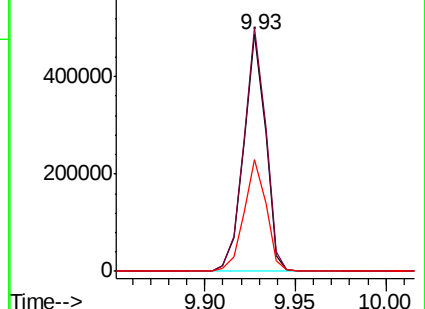
160 47.1 37.0 55.6



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: 133.473 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

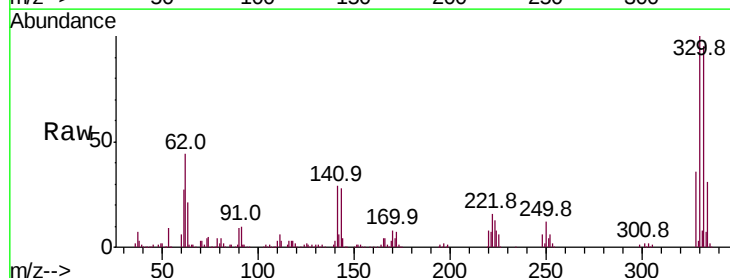
Tgt Ion:330 Resp: 601588

Ion Ratio Lower Upper

330 100

332 96.5 76.3 114.5

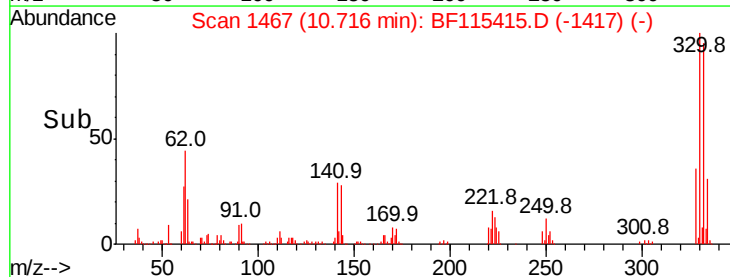
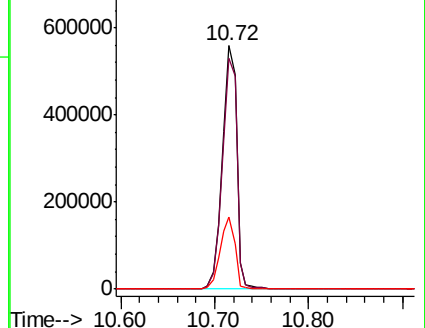
141 30.4 27.0 40.4

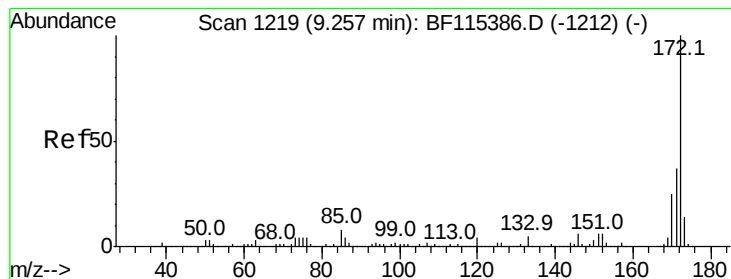


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 88.978 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Instrument :

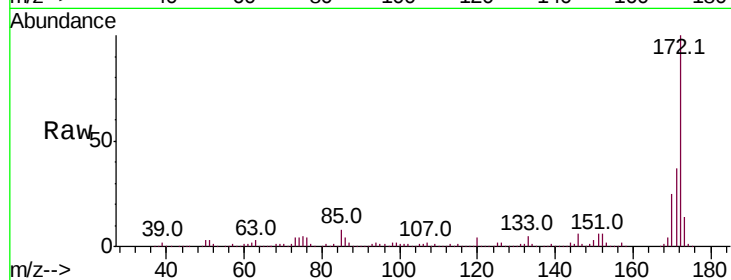
BNA_F

ClientSampleId :

OR-02-070319-A

Tot Ion:172 Resp: 2067037

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	25.0	20.2	30.4

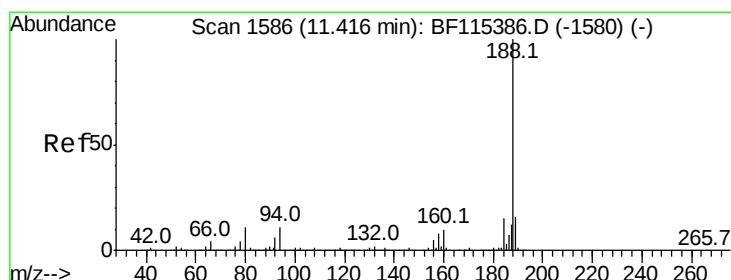
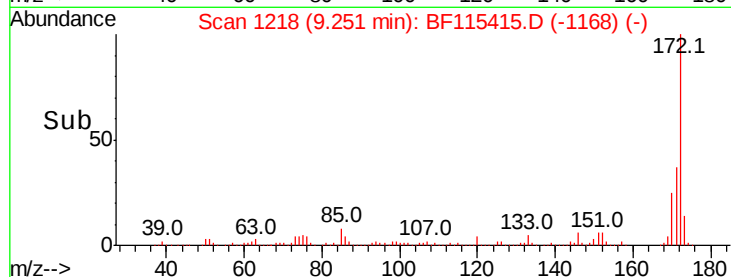
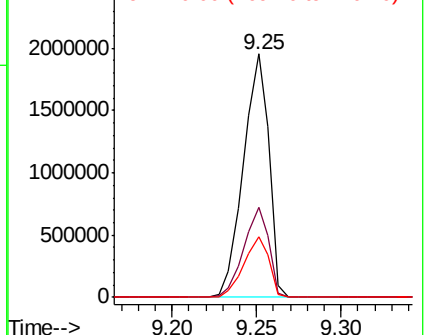


Abundance

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: 11.41 min Scan# 1585

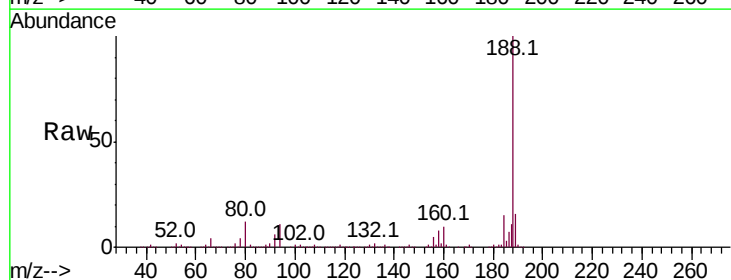
Delta R.T. -0.01 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Tgt Ion:188 Resp: 857590

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.1	13.7

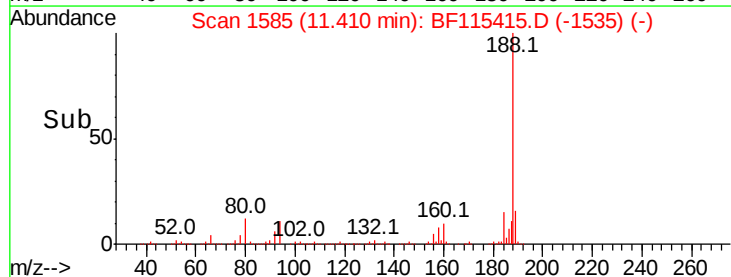
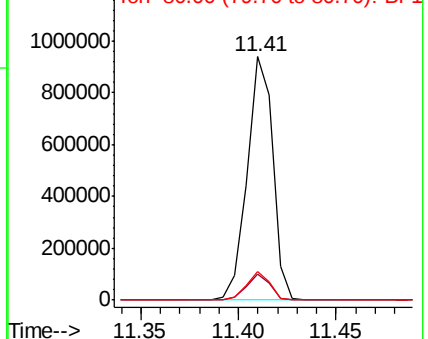


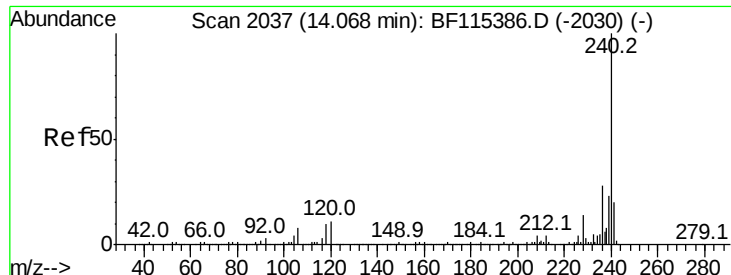
Abundance

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: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-A

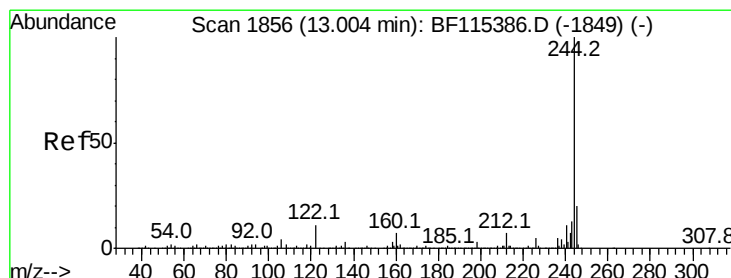
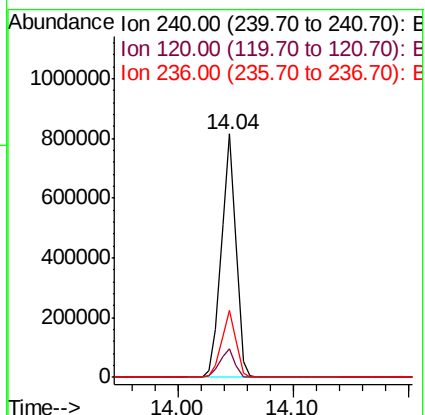
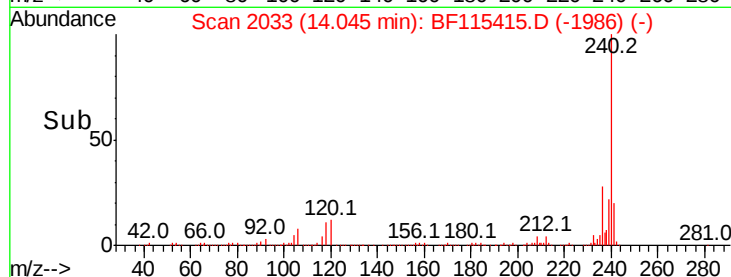
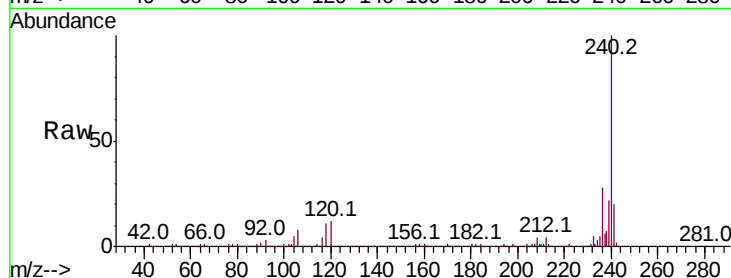
Tot Ion:240 Resp: 718891

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

236 27.7 22.5 33.7



#79

Terphenyl-d14

Concen: 76.301 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115415.D

Acq: 8 Jul 2019 19:53

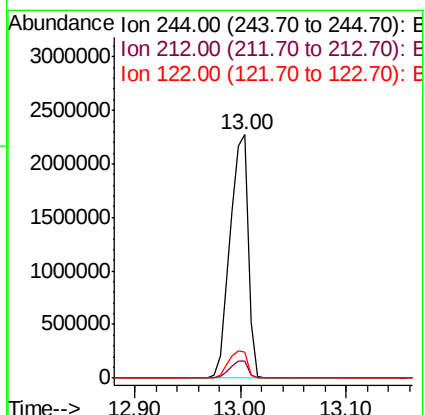
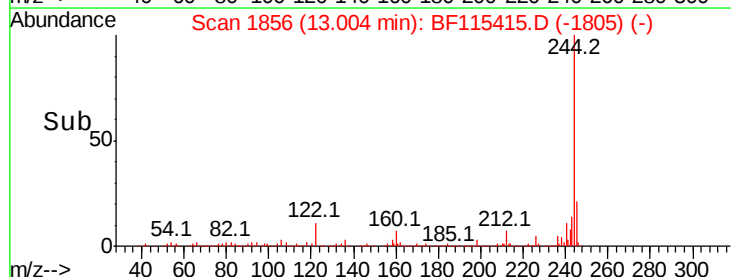
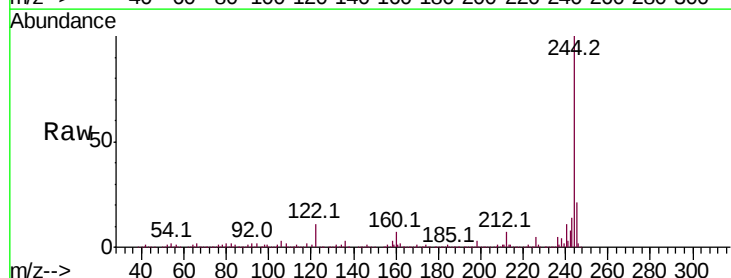
Tgt Ion:244 Resp: 2678967

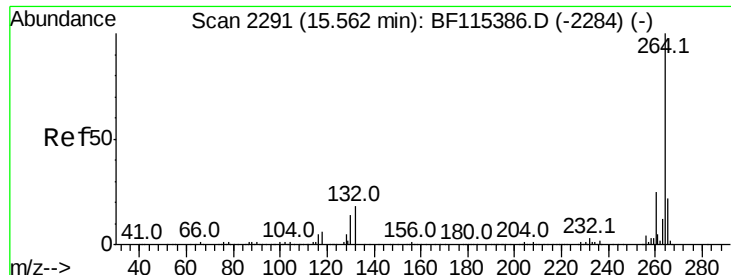
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.8 9.1 13.7

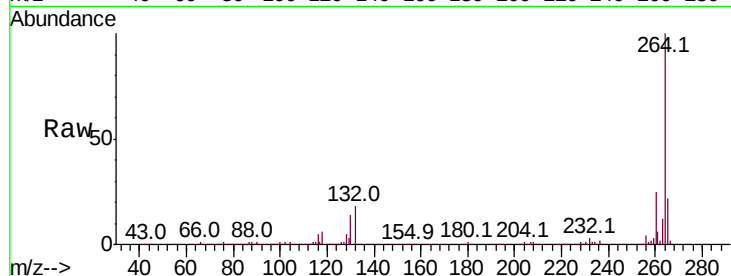




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.04 min
 Lab File: BF115415.D
 Acq: 8 Jul 2019 19:53

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-A

Tot Ion:	264	Resp:	759022
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.9	29.9
265	22.0	17.4	26.2



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

