

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115418.D
 Acq On : 8 Jul 2019 21:13
 Operator : HP/JU
 Sample : K3622-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 09 03:51:33 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

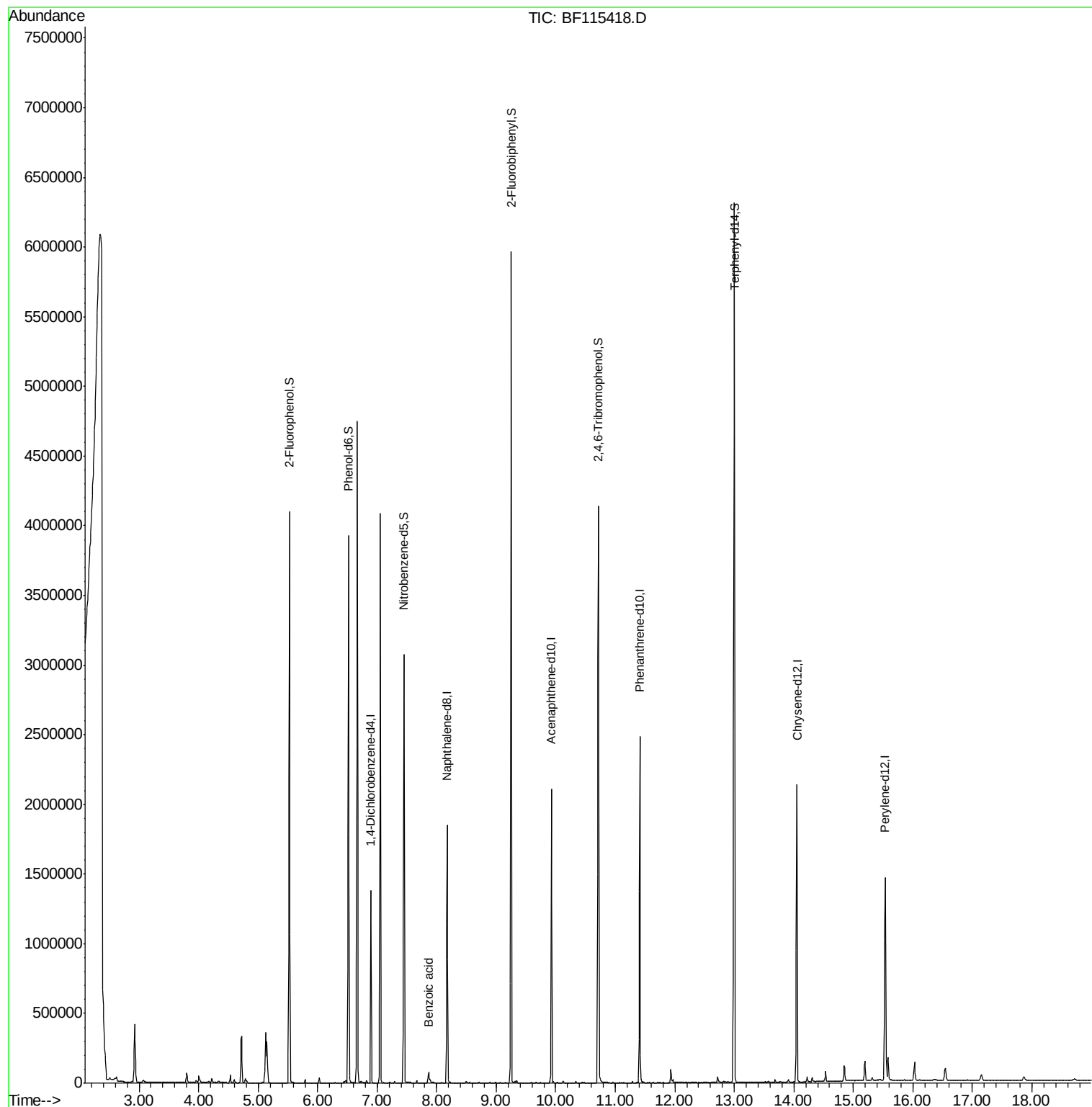
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192905	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	764445	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	395273	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	829756	20.00	ng	0.00
76) Chrysene-d12	14.05	240	733532	20.00	ng	-0.02
87) Perylene-d12	15.53	264	735527	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1273048	101.96	ng	0.01
7) Phenol-d6	6.52	99	1486352	93.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	1201903	92.89	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	611847	140.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2077888	92.24	ng	0.00
79) Terphenyl-d14	13.00	244	2787703	77.81	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	24814	8.641	ng	Qvalue 95

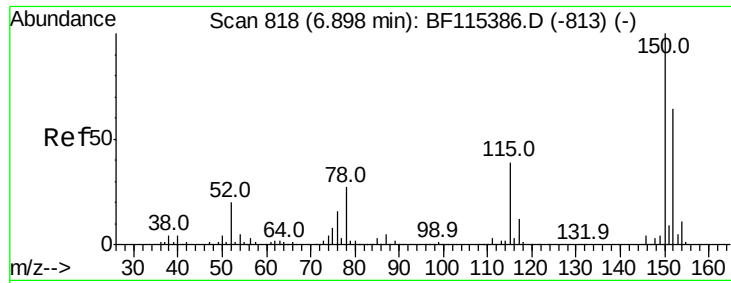
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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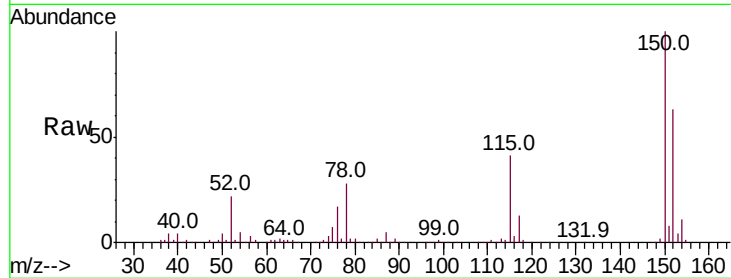


#1

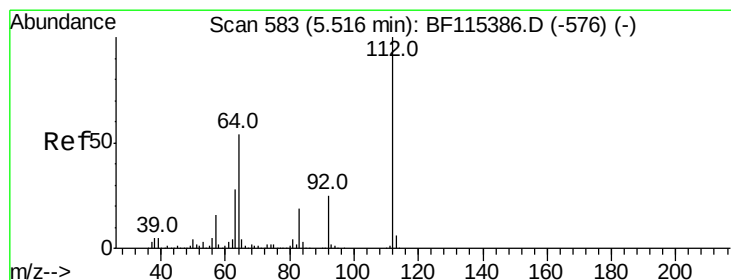
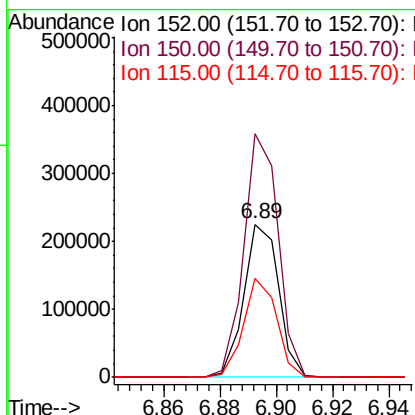
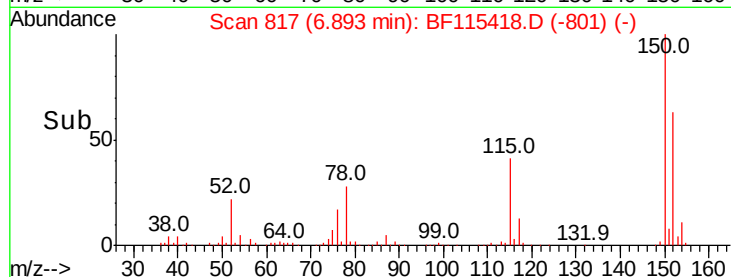
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115418.D
 Acq: 8 Jul 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	64.7	48.1	72.1



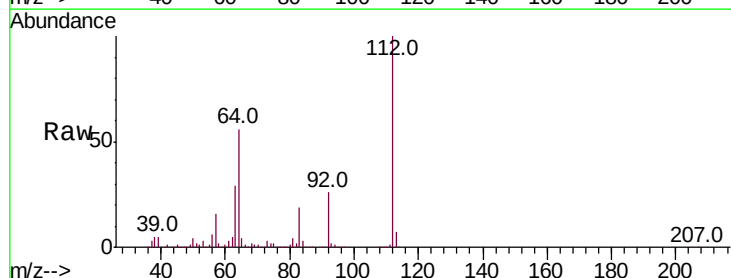
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



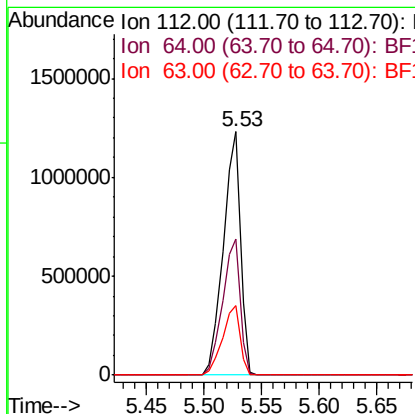
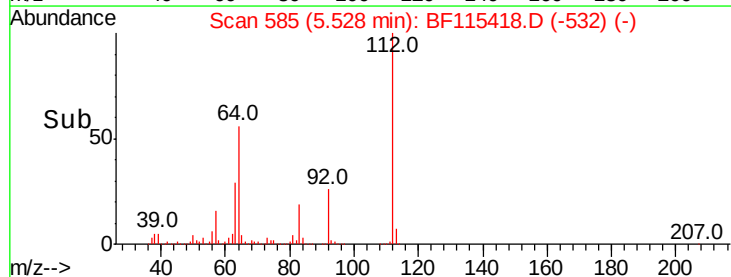
#5

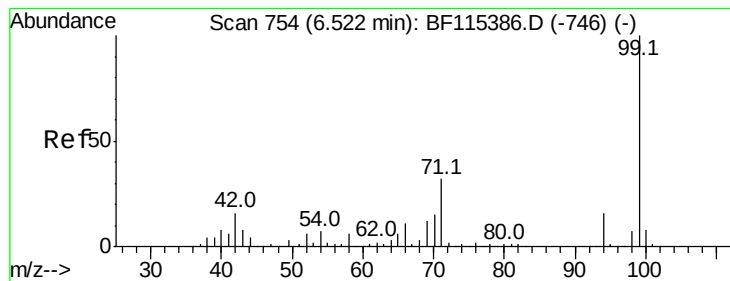
2-Fluorophenol
 Concen: 101.962 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF115418.D
 Acq: 8 Jul 2019 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.0	64.6
63	28.6	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: 93.605 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115418.D

Acq: 8 Jul 2019 21:13

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-B

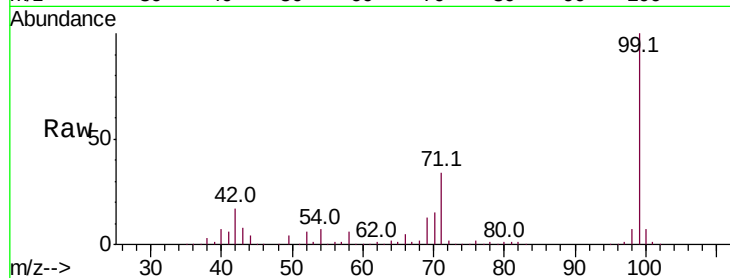
Tot Ion: 99 Resp: 1486352

Ion Ratio Lower Upper

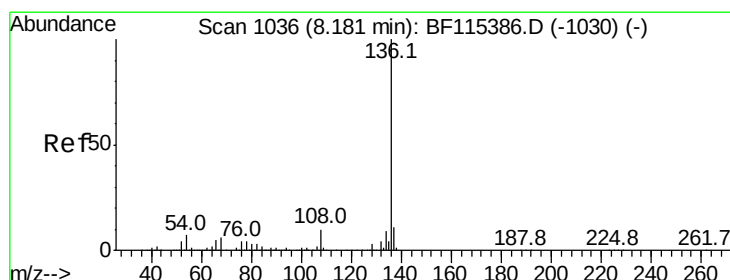
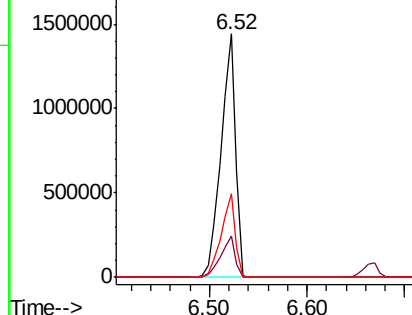
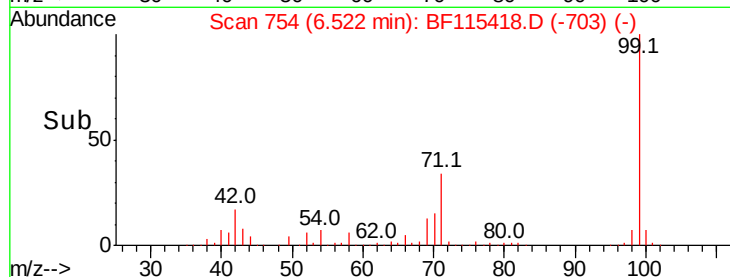
99 100

42 16.7 13.1 19.7

71 34.1 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: BF115418.D

Acq: 8 Jul 2019 21:13

Tgt Ion: 136 Resp: 764445

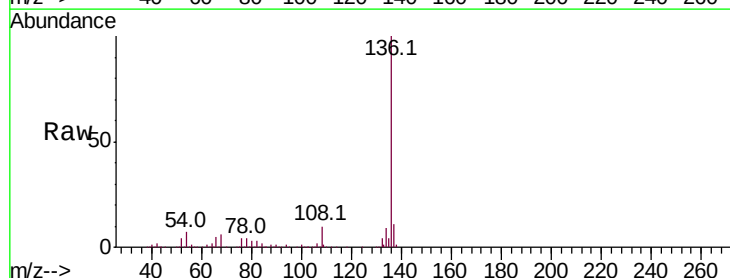
Ion Ratio Lower Upper

136 100

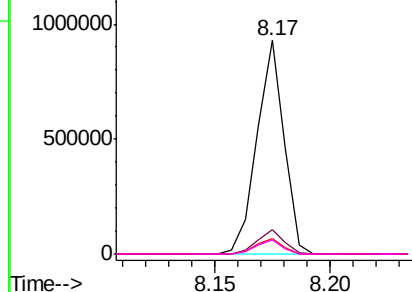
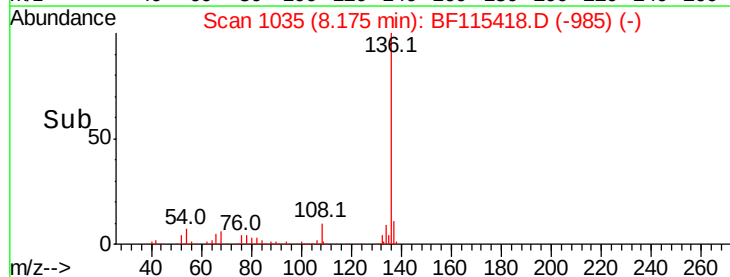
137 11.3 8.9 13.3

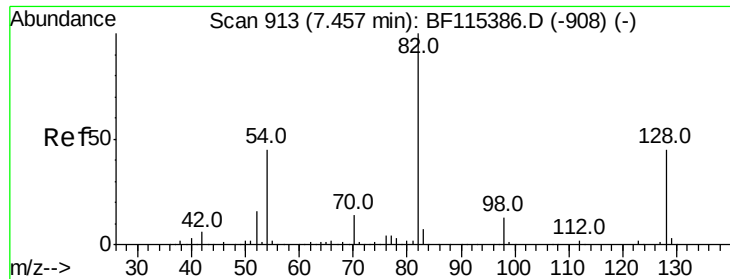
54 7.0 5.6 8.4

68 6.3 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

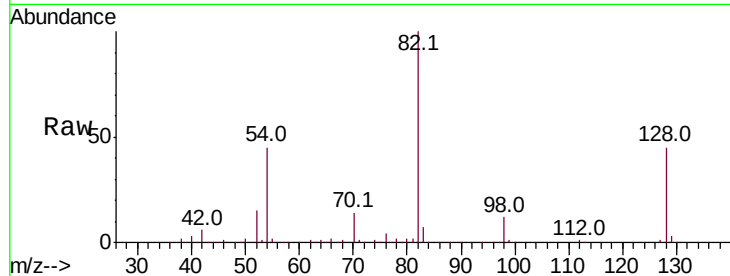




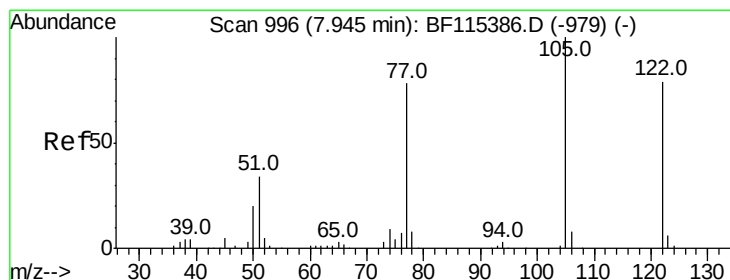
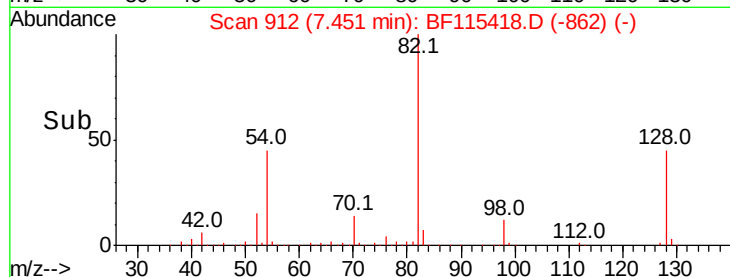
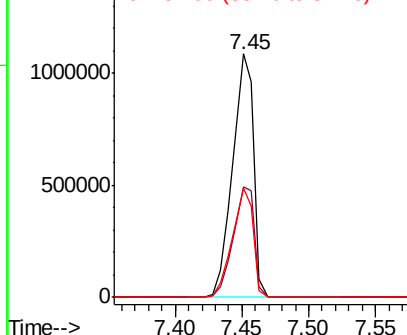
#23
Nitrobenzene-d5
Concen: 92.894 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115418.D
Acq: 8 Jul 2019 21:13

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

Tot Ion: 82 Resp: 1201903
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 44.7 36.3 54.5

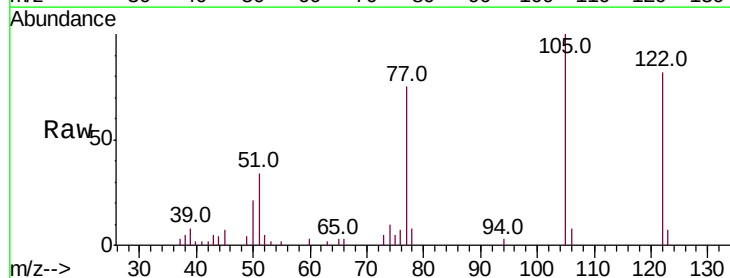


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

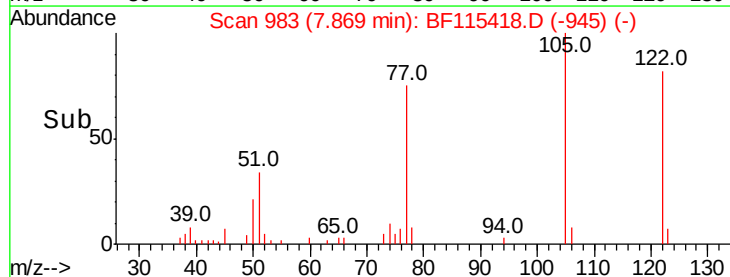
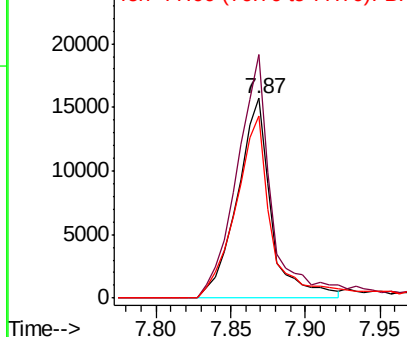


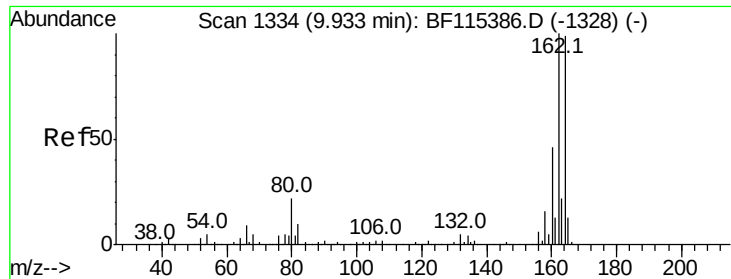
#32
Benzoic acid
Concen: 8.641 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115418.D
Acq: 8 Jul 2019 21:13

Tgt Ion:122 Resp: 24814
Ion Ratio Lower Upper
122 100
105 121.7 105.1 145.1
77 91.4 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

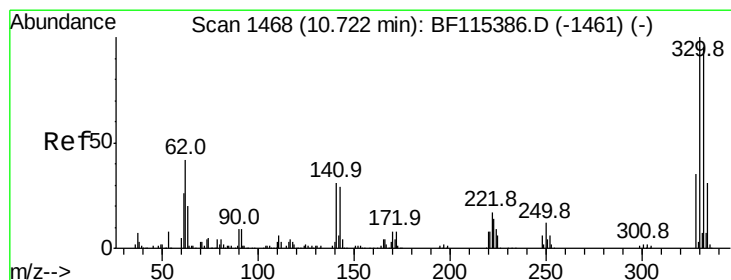
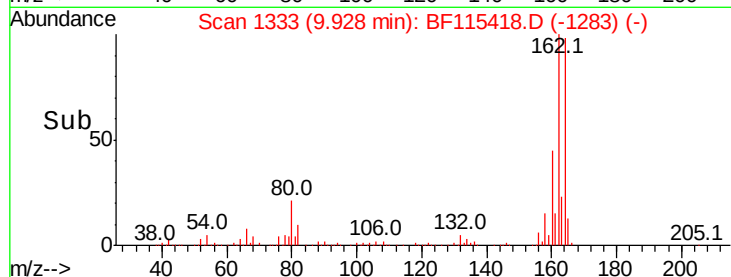
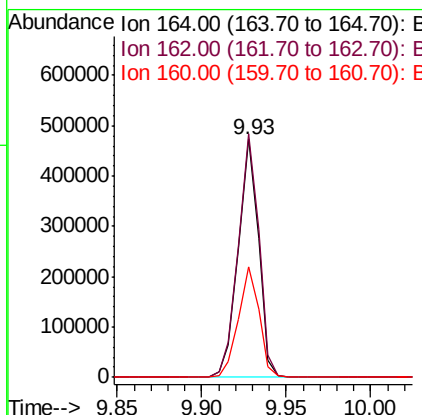
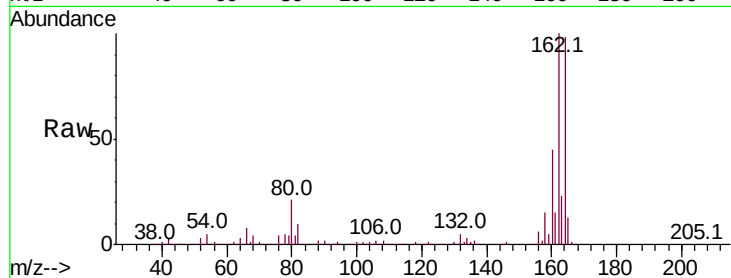




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115418.D
Acq: 8 Jul 2019 21:13

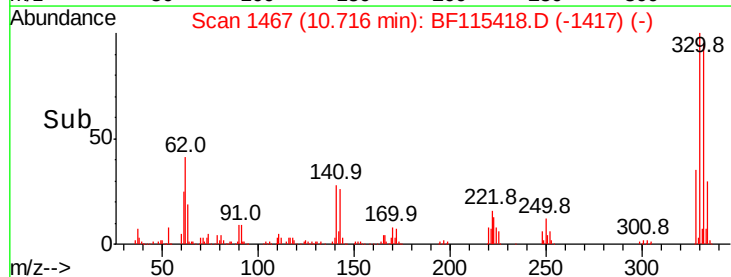
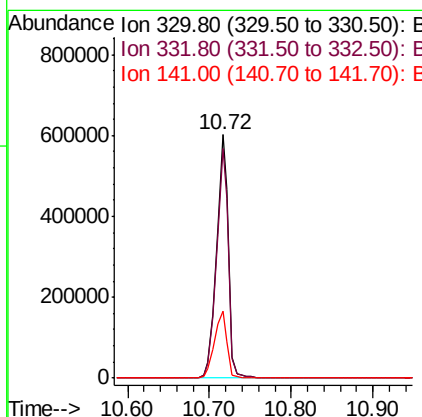
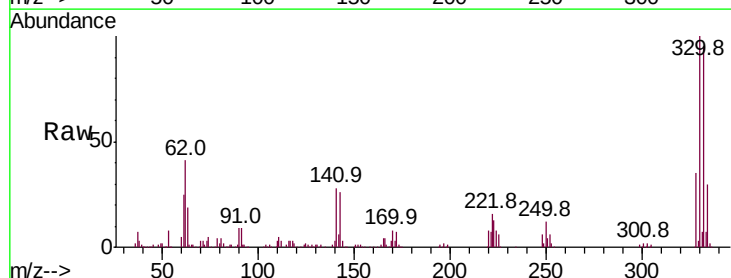
Instrument :
BNA_F
ClientSampleId :
OR-02-070319-B

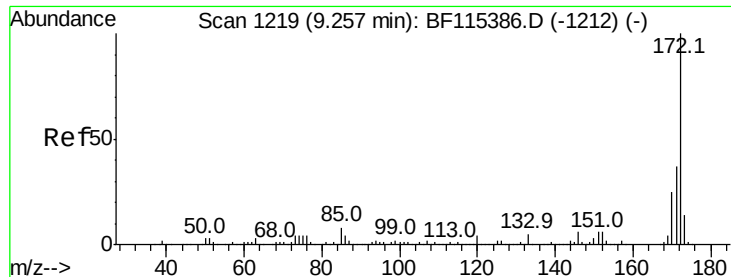
Tot Ion:164 Resp: 395273
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 46.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 139.998 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115418.D
Acq: 8 Jul 2019 21:13

Tgt Ion:330 Resp: 611847
Ion Ratio Lower Upper
330 100
332 95.2 76.3 114.5
141 29.3 27.0 40.4



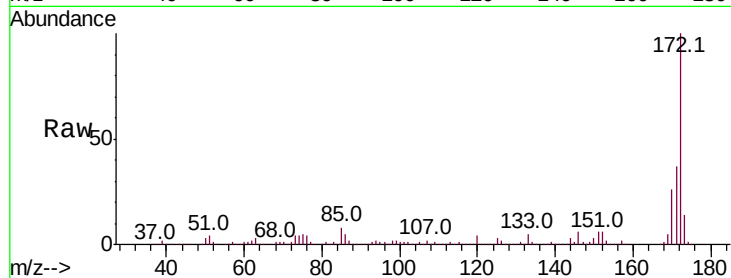


#45
 2-Fluorobiphenyl
 Concen: 92.244 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115418.D
 Acq: 8 Jul 2019 21:13

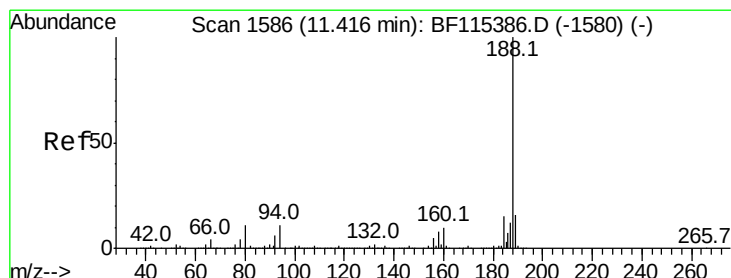
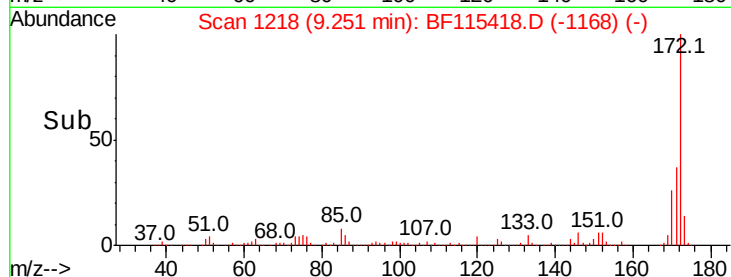
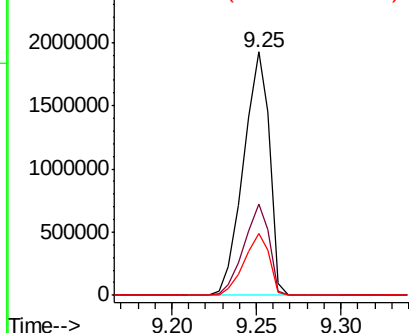
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-B

Tot Ion:172 Resp: 2077888

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.8
170	25.6	20.2	30.4



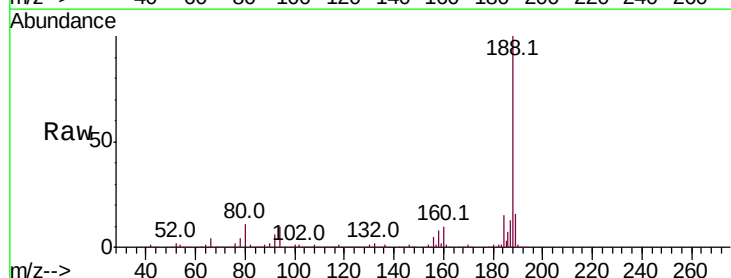
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



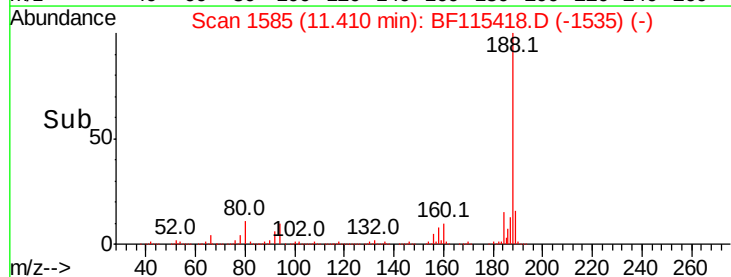
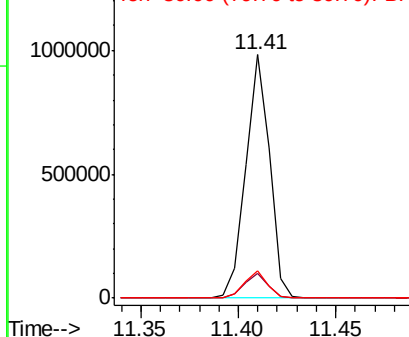
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF115418.D
 Acq: 8 Jul 2019 21:13

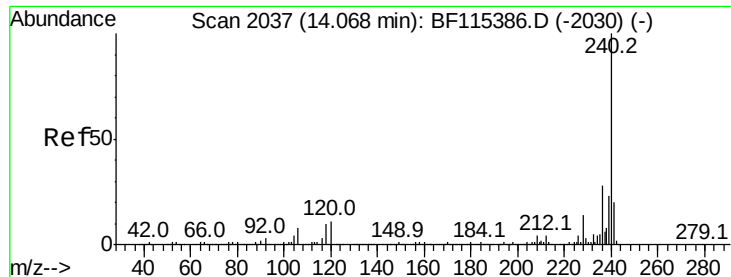
Tgt Ion:188 Resp: 829756

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.5	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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115418.D

Acq: 8 Jul 2019 21:13

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-B

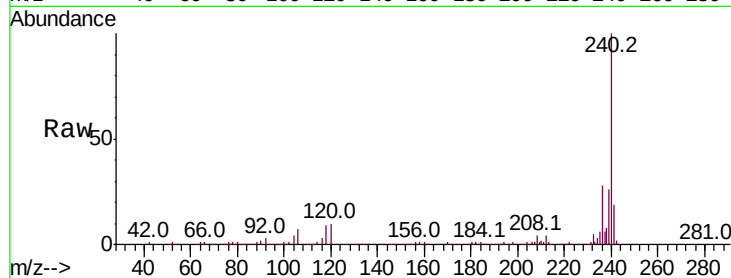
Tot Ion:240 Resp: 733532

Ion Ratio Lower Upper

240 100

120 10.1 9.1 13.7

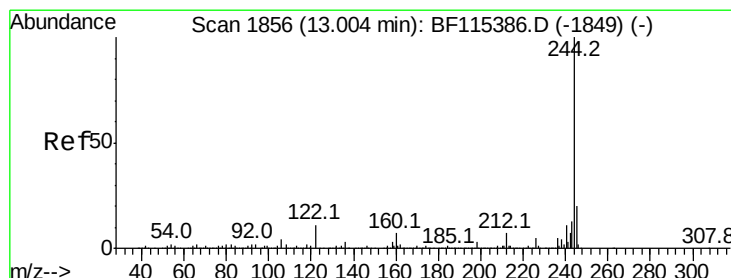
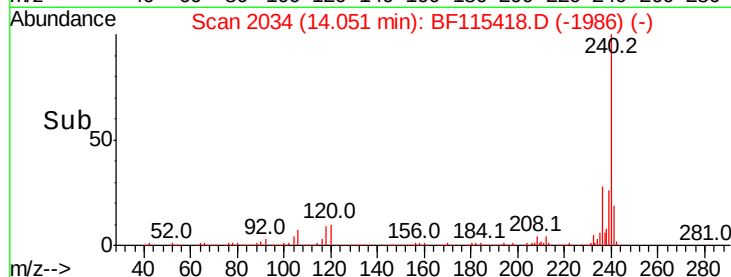
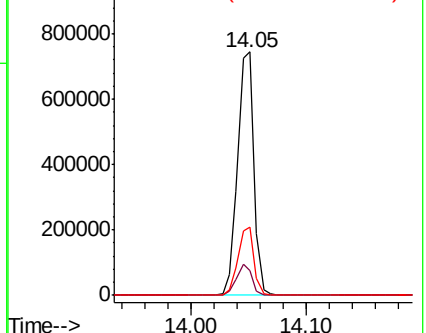
236 27.8 22.5 33.7



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: 77.813 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115418.D

Acq: 8 Jul 2019 21:13

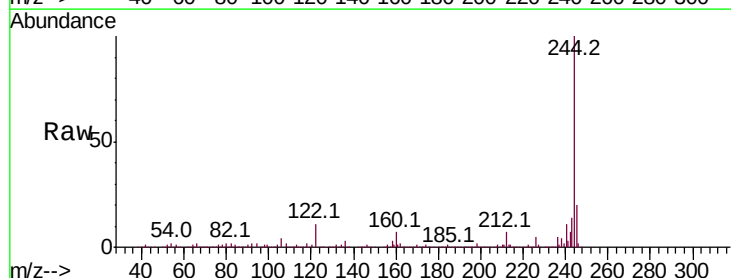
Tgt Ion:244 Resp: 2787703

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

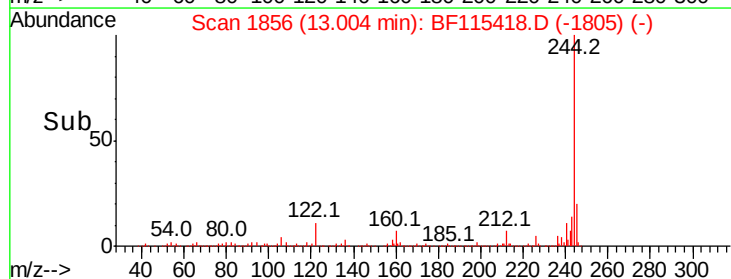
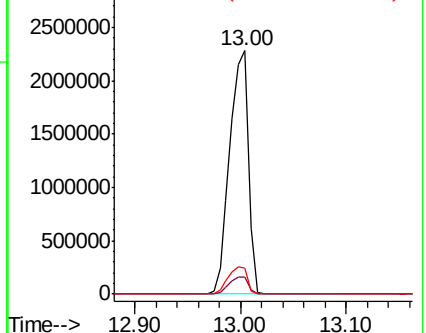
122 10.8 9.1 13.7

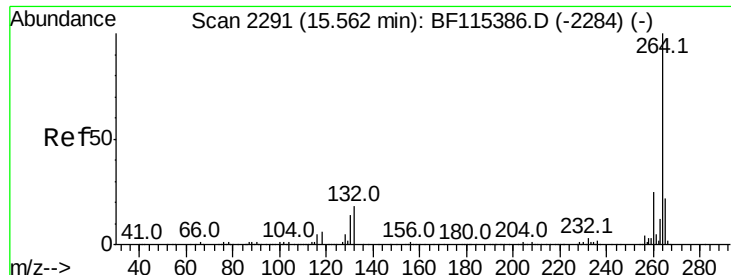


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.03 min
 Lab File: BF115418.D
 Acq: 8 Jul 2019 21:13

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

Tot Ion:	264	Resp:	735527
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.0	17.4	26.2

