

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115420.D
 Acq On : 8 Jul 2019 22:06
 Operator : HP/JU
 Sample : K3624-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-B

Quant Time: Jul 09 03:59:13 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

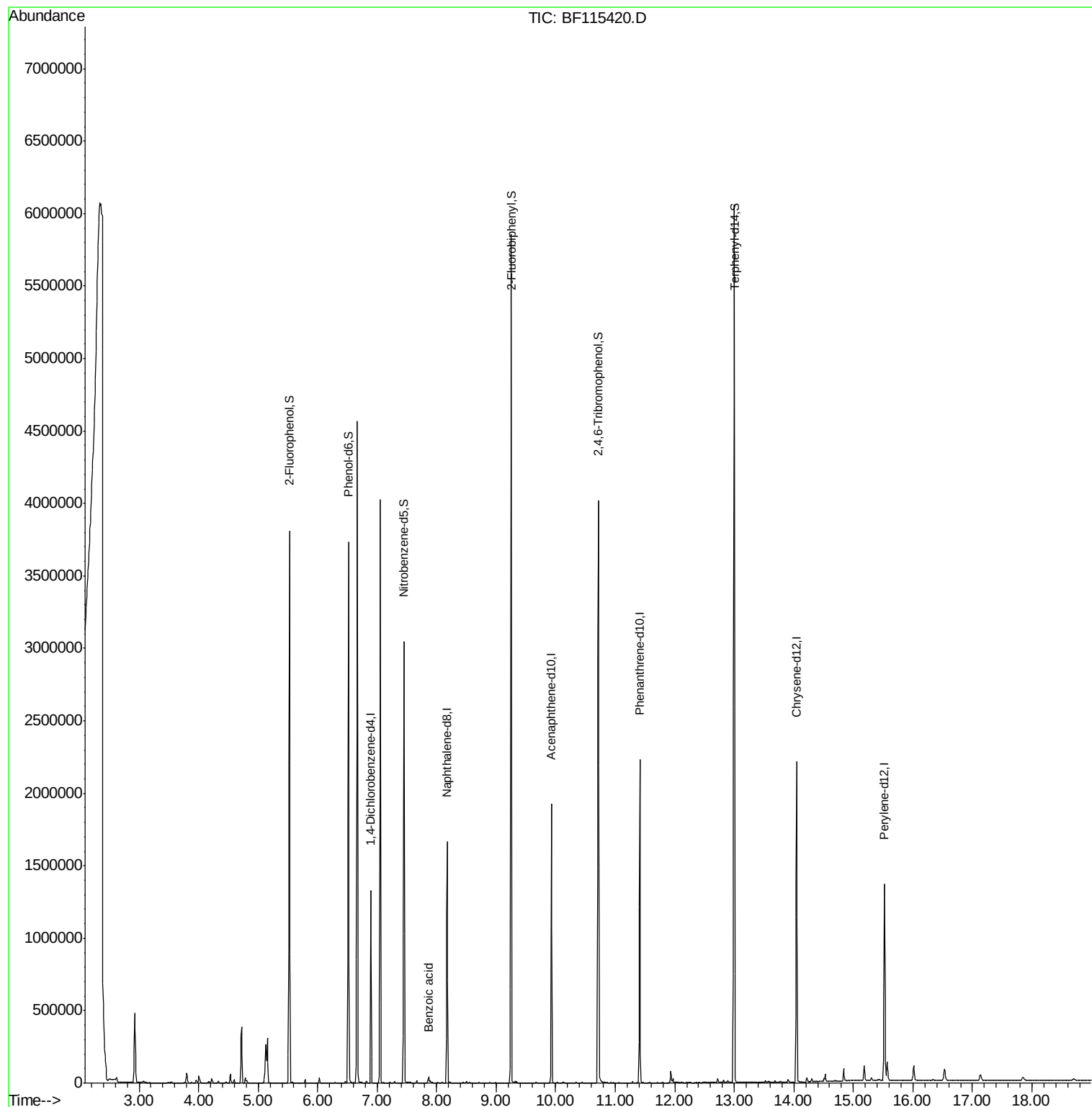
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179582	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	696726	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	358989	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	753080	20.00	ng	0.00
76) Chrysene-d12	14.04	240	659411	20.00	ng	-0.02
87) Perylene-d12	15.52	264	656940	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1203546	103.55	ng	0.01
7) Phenol-d6	6.52	99	1383077	93.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	1134042	96.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	568643	143.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1953510	95.49	ng	0.00
79) Terphenyl-d14	13.00	244	2664466	82.73	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.86	122	12888	7.523	ng	96

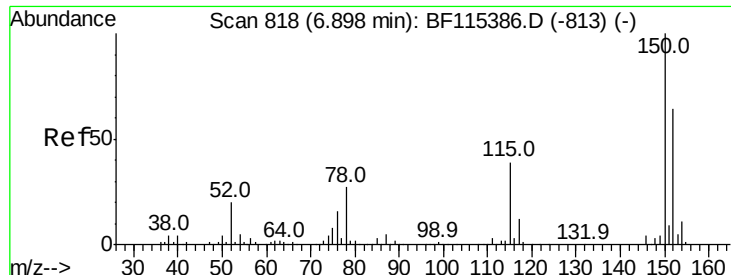
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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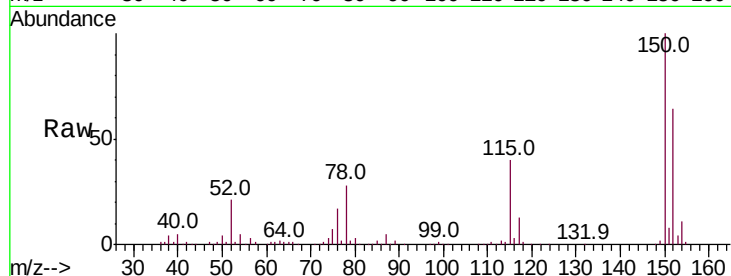


#1

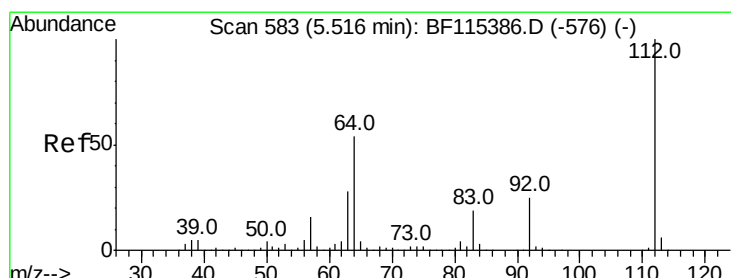
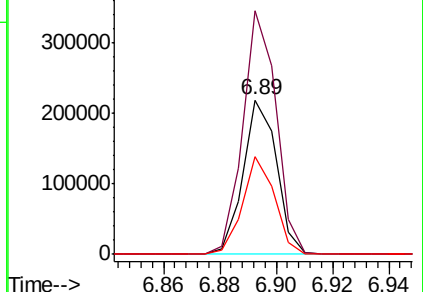
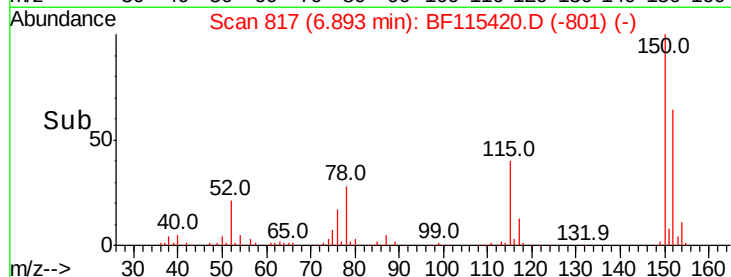
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-B

Tot Ion:152 Resp: 179582
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 63.2 48.1 72.1



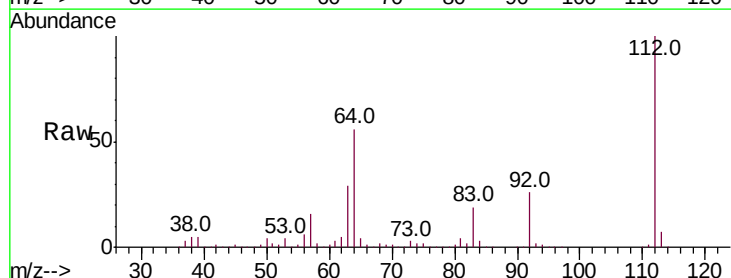
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



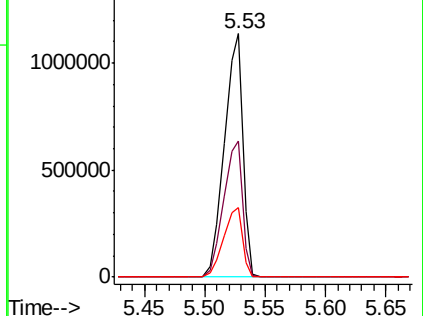
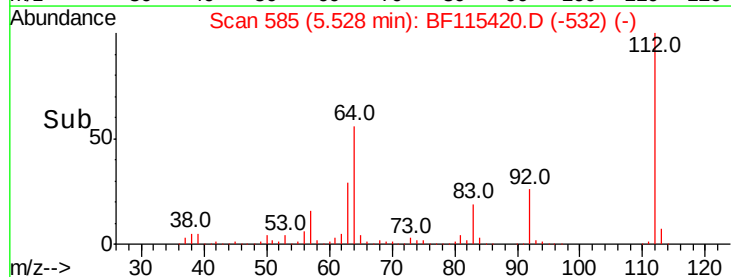
#5

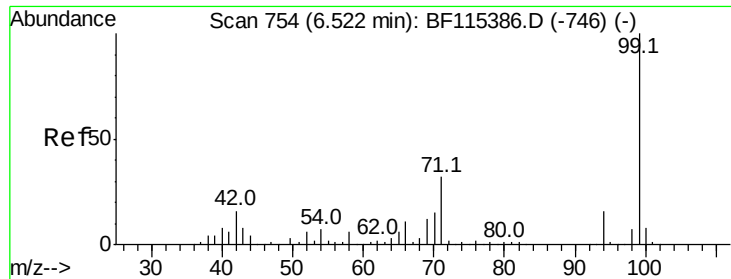
2-Fluorophenol
 Concen: 103.547 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Tgt Ion:112 Resp: 1203546
 Ion Ratio Lower Upper
 112 100
 64 56.0 43.0 64.6
 63 28.7 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: 93.563 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115420.D

Acq: 8 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-B

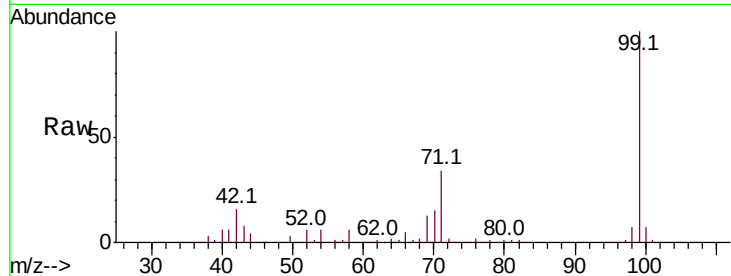
Tot Ion: 99 Resp: 1383077

Ion Ratio Lower Upper

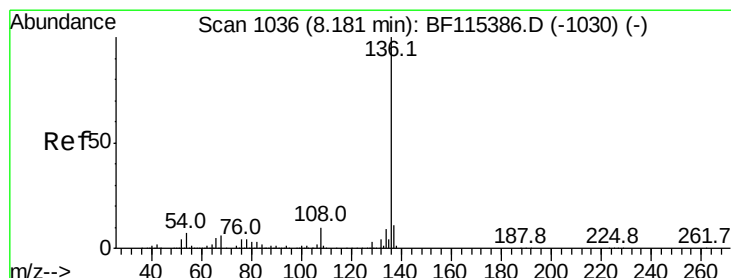
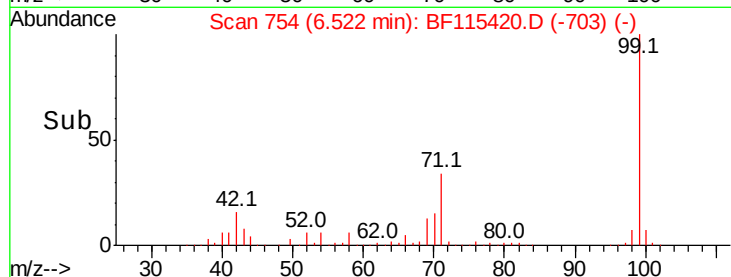
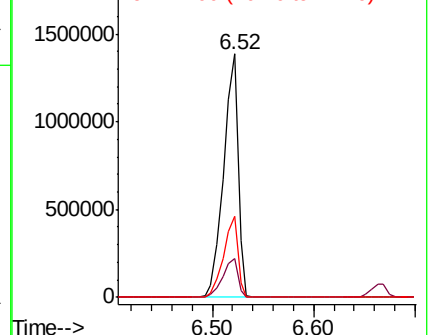
99 100

42 16.1 13.1 19.7

71 33.5 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: BF115420.D

Acq: 8 Jul 2019 22:06

Tgt Ion: 136 Resp: 696726

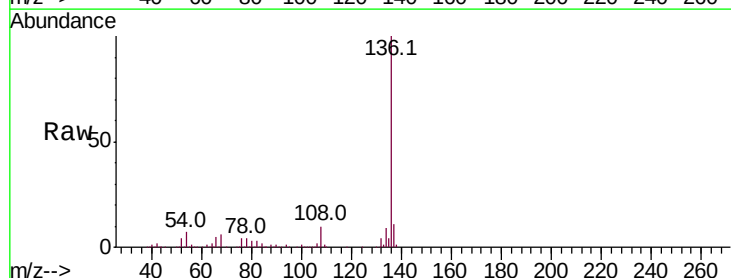
Ion Ratio Lower Upper

136 100

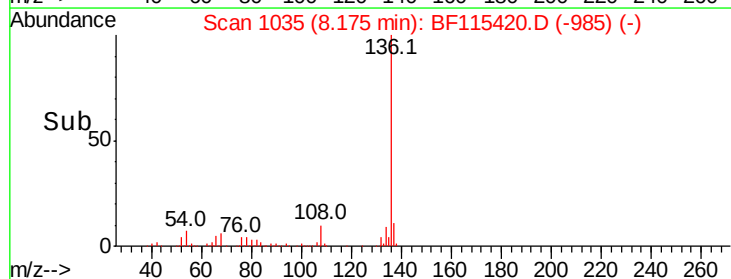
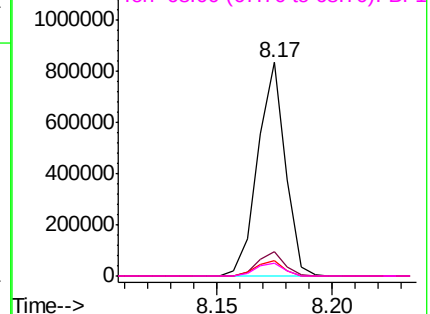
137 11.1 8.9 13.3

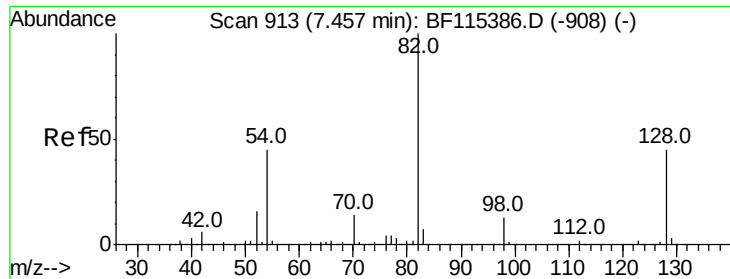
54 7.0 5.6 8.4

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

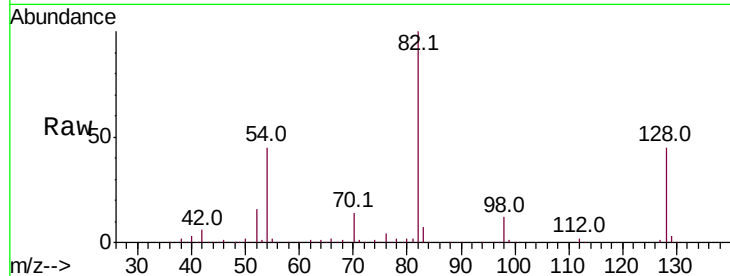




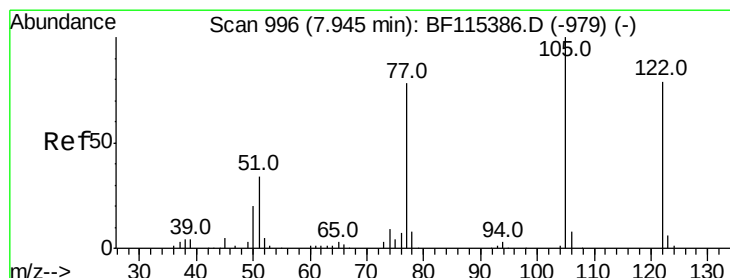
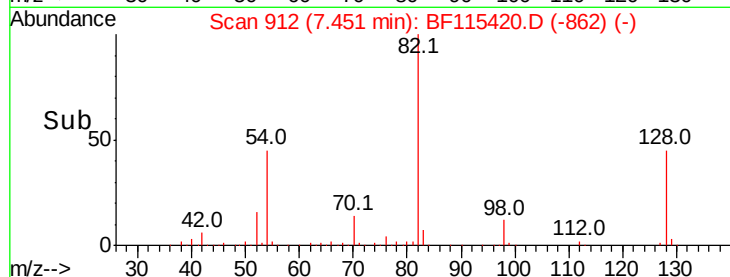
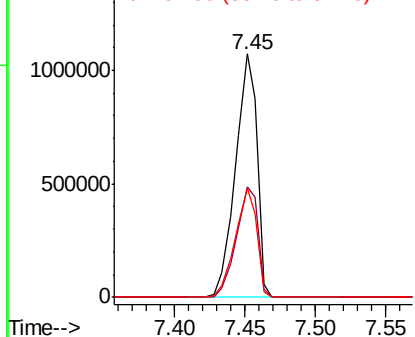
#23
Nitrobenzene-d5
Concen: 96.168 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115420.D
Acq: 8 Jul 2019 22:06

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-B

Tot Ion: 82 Resp: 1134042
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 44.9 36.3 54.5

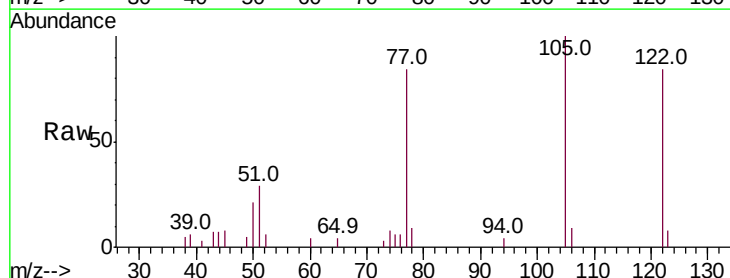


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

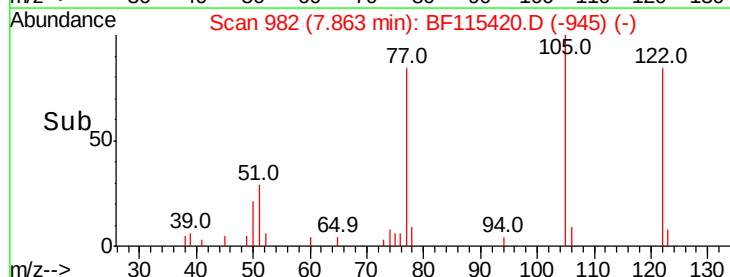
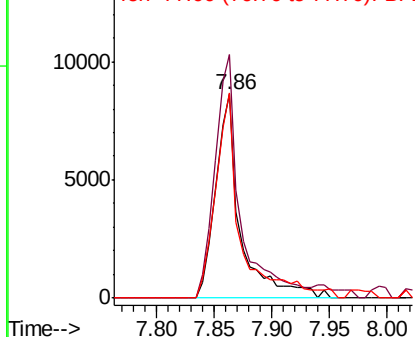


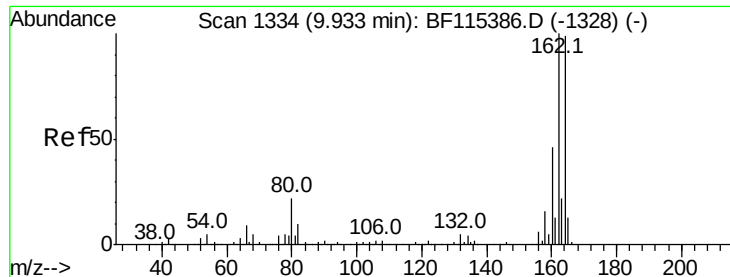
#32
Benzoic acid
Concen: 7.523 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.08 min
Lab File: BF115420.D
Acq: 8 Jul 2019 22:06

Tgt Ion:122 Resp: 12888
Ion Ratio Lower Upper
122 100
105 119.6 105.1 145.1
77 100.8 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

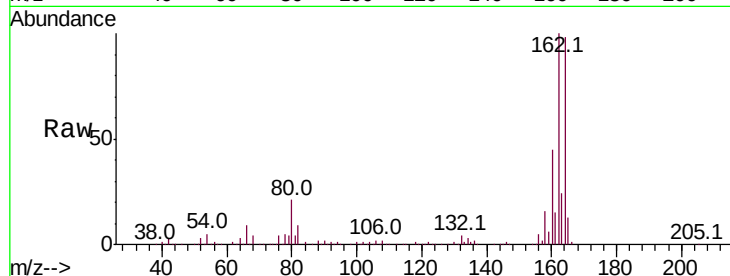




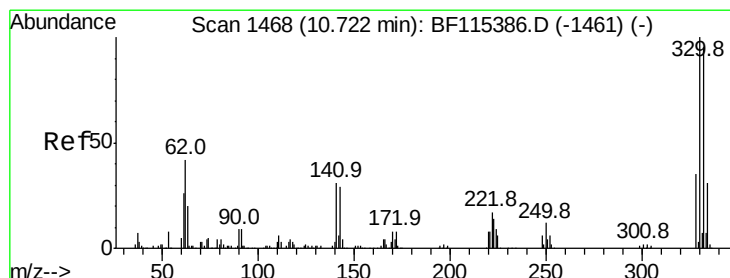
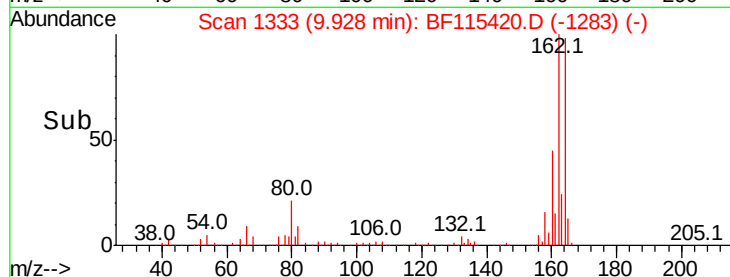
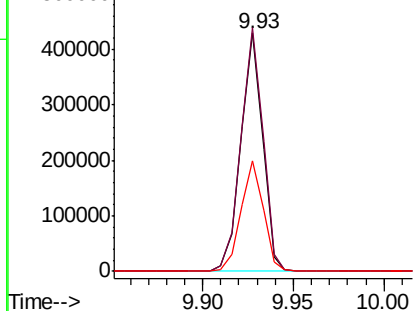
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	121.0
160	46.2	37.0	55.6

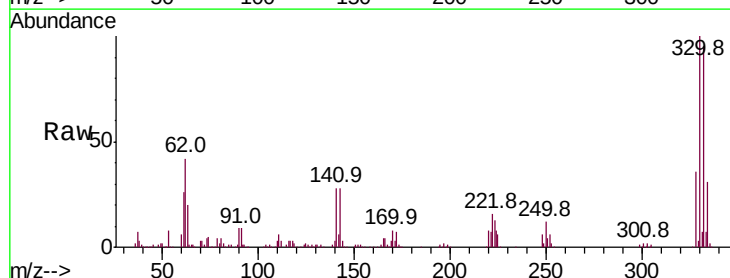


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

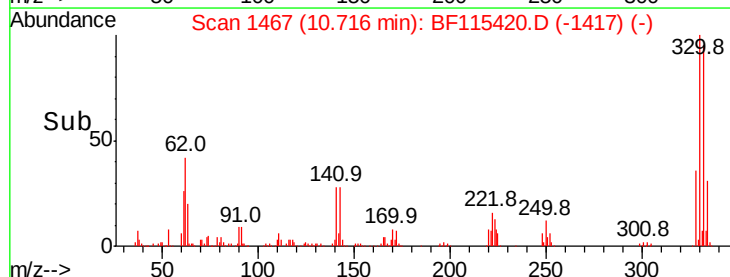
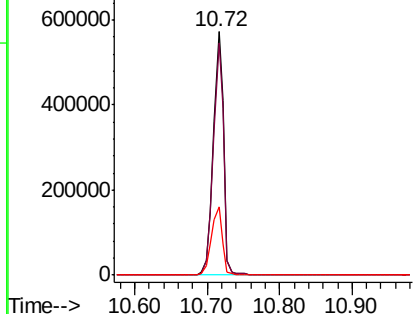


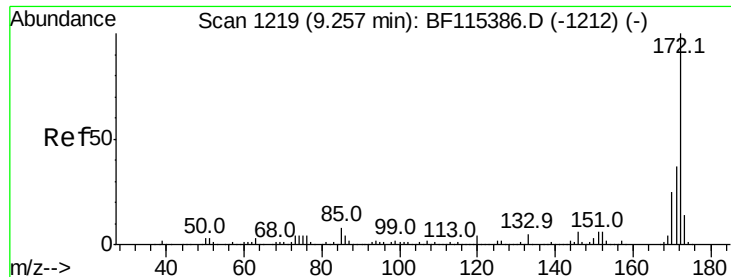
#42
 2,4,6-Tribromophenol
 Concen: 143.263 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.3	114.5
141	29.7	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



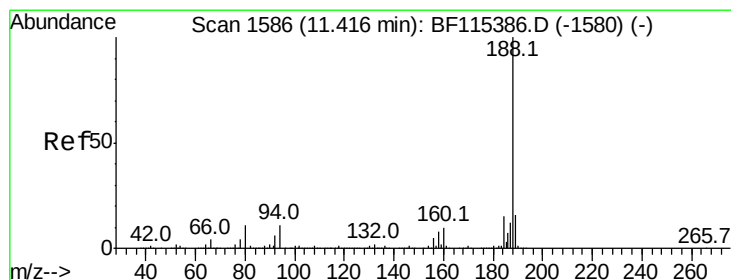
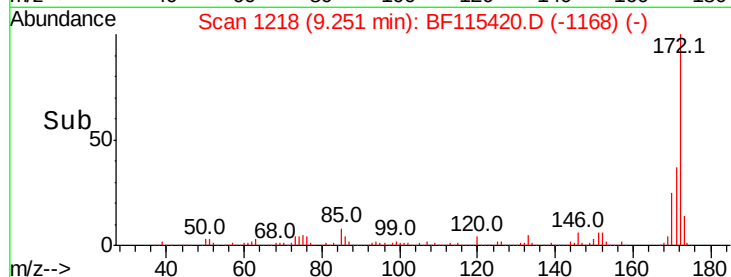
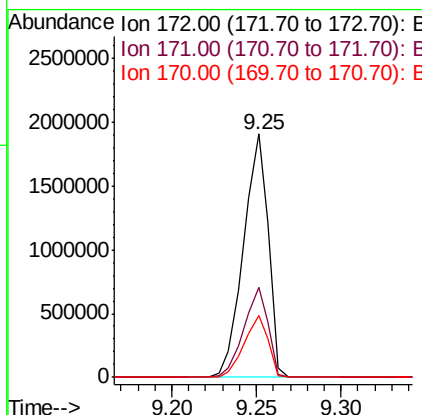
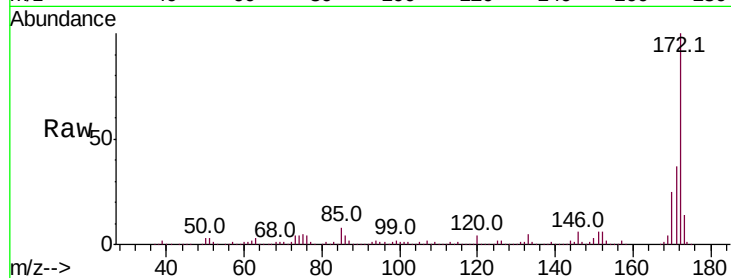


#45
 2-Fluorobiphenyl
 Concen: 95.488 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-B

Tot Ion:172 Resp: 1953510

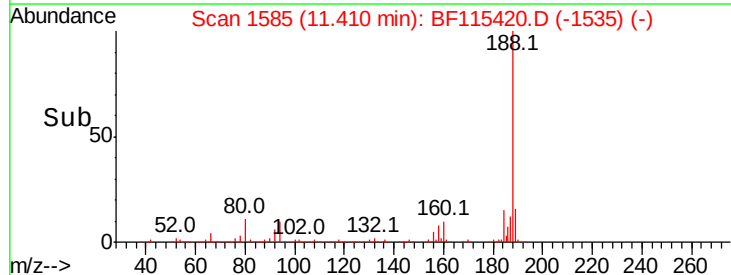
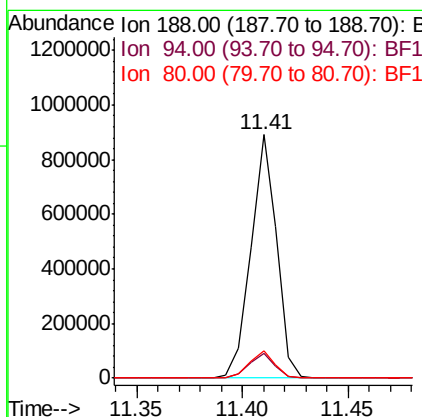
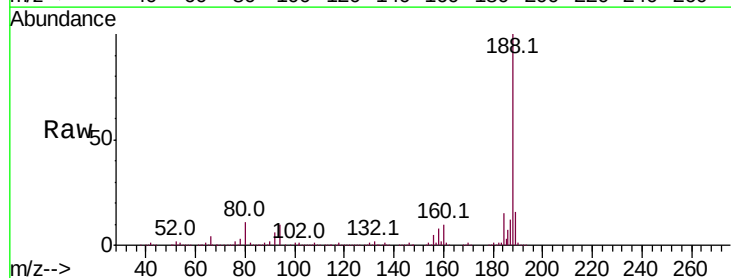
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	25.2	20.2	30.4

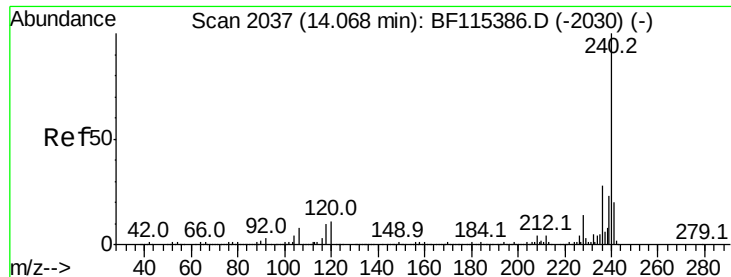


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF115420.D
 Acq: 8 Jul 2019 22:06

Tgt Ion:188 Resp: 753080

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.1	13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF115420.D

Acq: 8 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-B

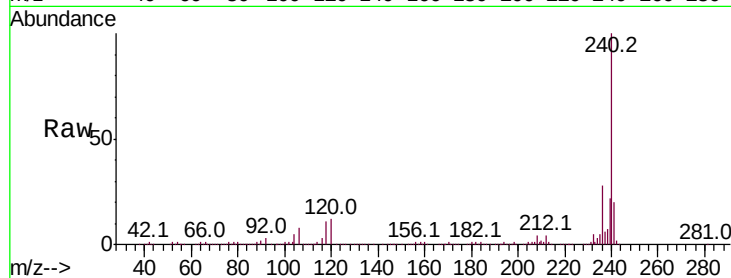
Tot Ion:240 Resp: 659411

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

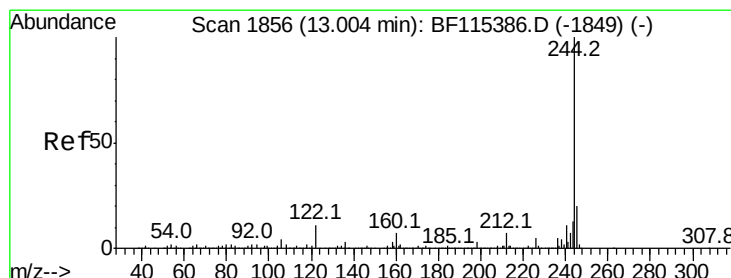
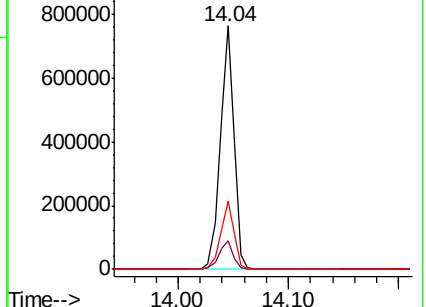
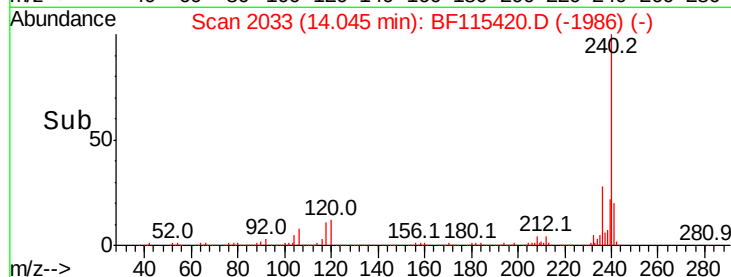
236 28.2 22.5 33.7



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: 82.733 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115420.D

Acq: 8 Jul 2019 22:06

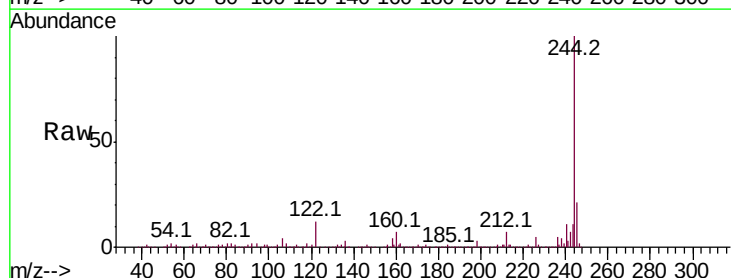
Tgt Ion:244 Resp: 2664466

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

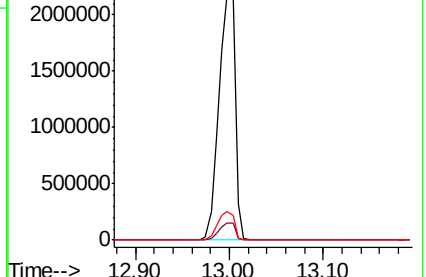
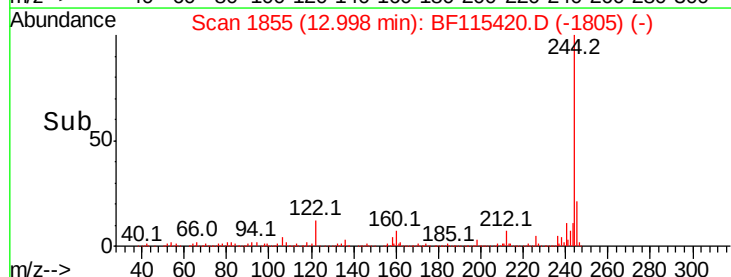
122 11.6 9.1 13.7

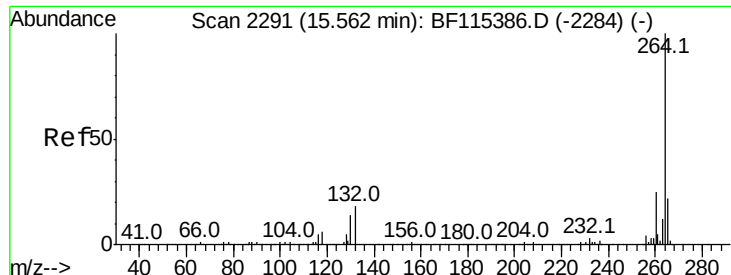


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

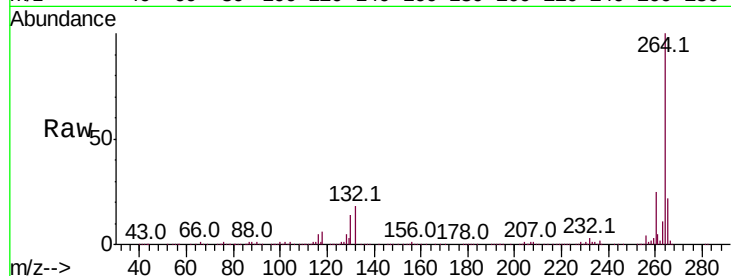




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.04 min
Lab File: BF115420.D
Acq: 8 Jul 2019 22:06

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-B

Tot Ion:	264	Resp:	656940
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.3	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

