

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115422.D
 Acq On : 8 Jul 2019 22:59
 Operator : HP/JU
 Sample : K3624-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 09 04:14:57 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

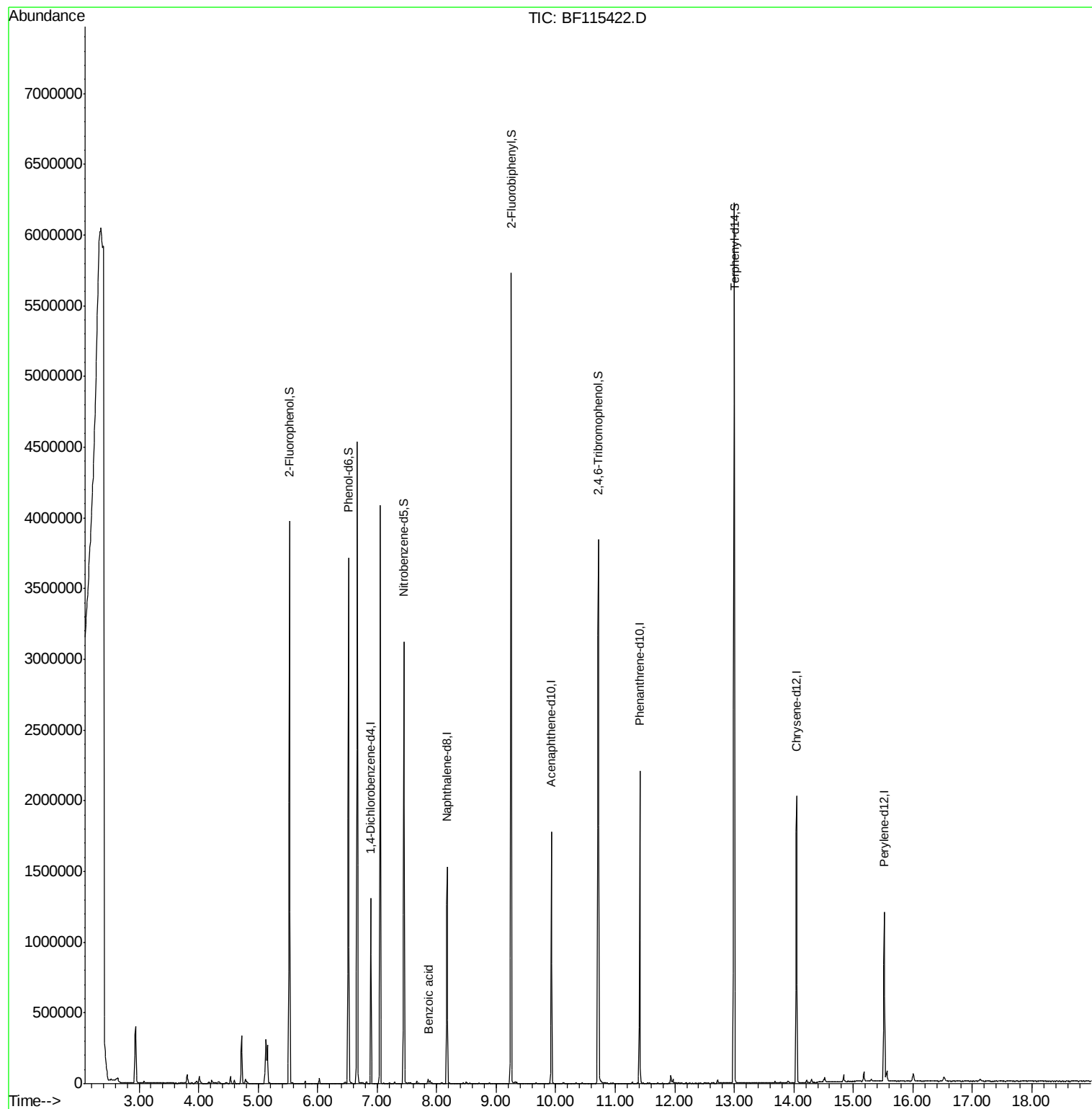
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172695	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	668219	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	347349	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	734138	20.00	ng	0.00
76) Chrysene-d12	14.05	240	648730	20.00	ng	-0.02
87) Perylene-d12	15.52	264	605468	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1198877	107.26	ng	0.01
7) Phenol-d6	6.52	99	1391799	97.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	1115726	98.65	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	572589	149.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1971990	99.62	ng	0.00
79) Terphenyl-d14	13.00	244	2681105	84.62	ng	0.00
Target Compounds						
32) Benzoic acid	7.86	122	8944	7.114	ng	Qvalue 97

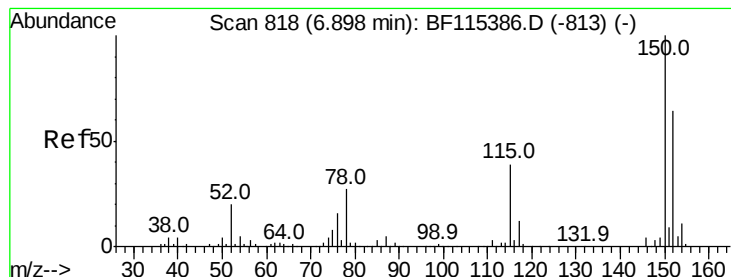
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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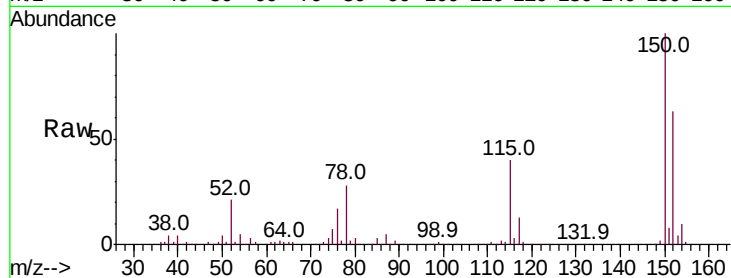


#1

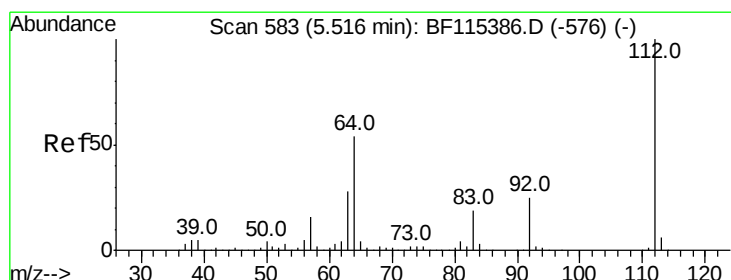
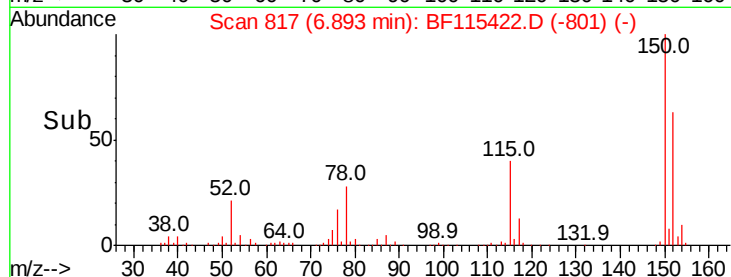
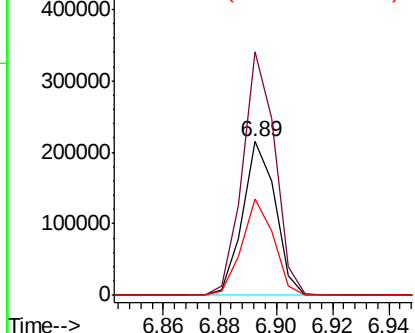
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115422.D
Acq: 8 Jul 2019 22:59

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

Tot Ion:152 Resp: 172695
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 62.9 48.1 72.1



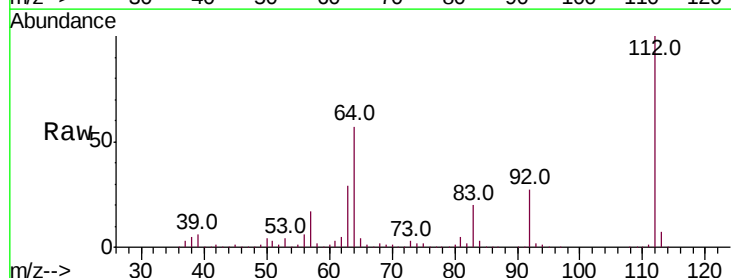
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



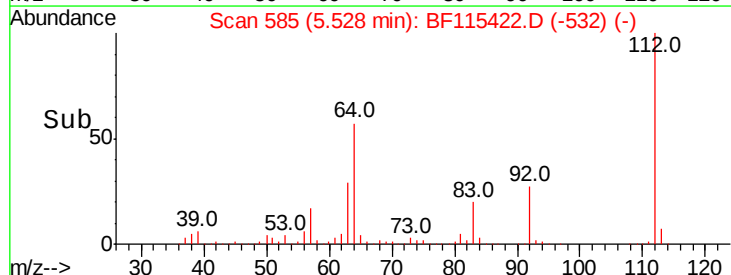
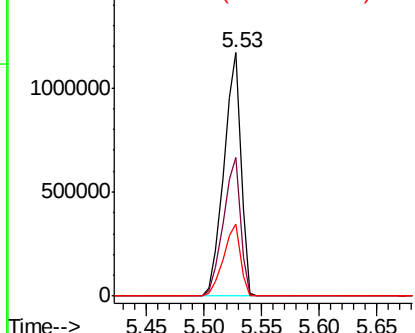
#5

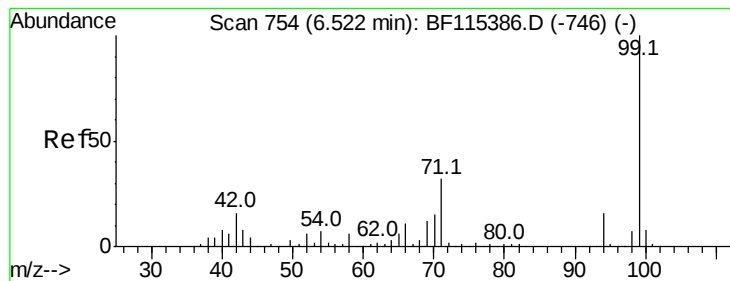
2-Fluorophenol
Concen: 107.259 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115422.D
Acq: 8 Jul 2019 22:59

Tgt Ion:112 Resp: 1198877
Ion Ratio Lower Upper
112 100
64 57.1 43.0 64.6
63 29.4 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: 97.908 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115422.D

Acq: 8 Jul 2019 22:59

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-D

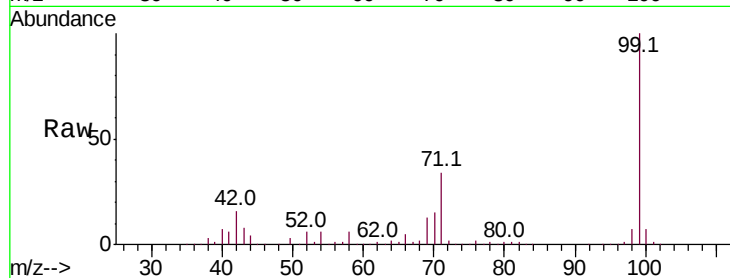
Tot Ion: 99 Resp: 1391799

Ion Ratio Lower Upper

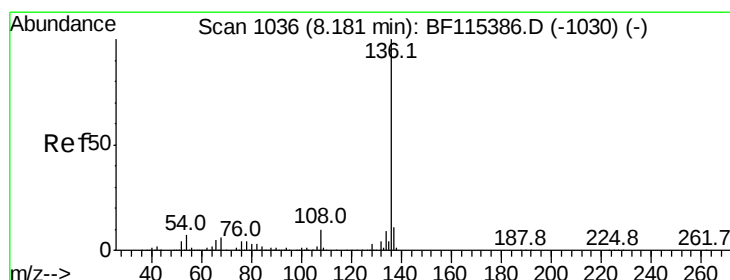
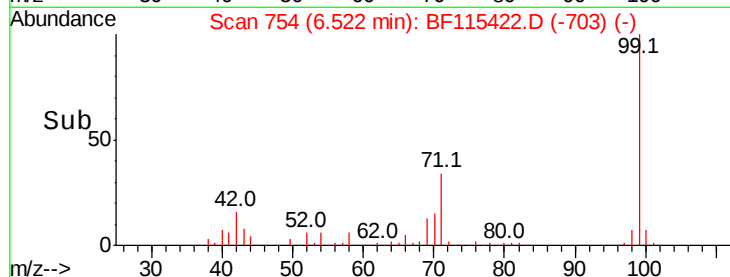
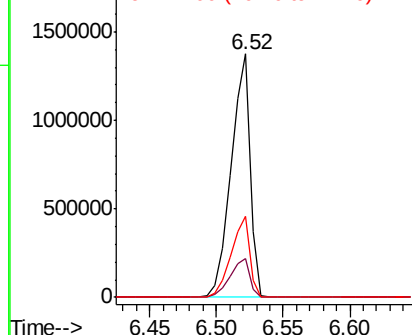
99 100

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: BF115422.D

Acq: 8 Jul 2019 22:59

Tgt Ion: 136 Resp: 668219

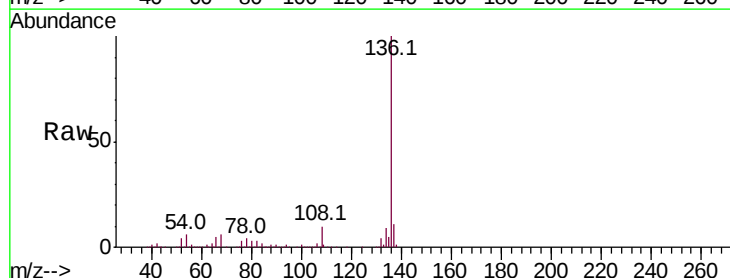
Ion Ratio Lower Upper

136 100

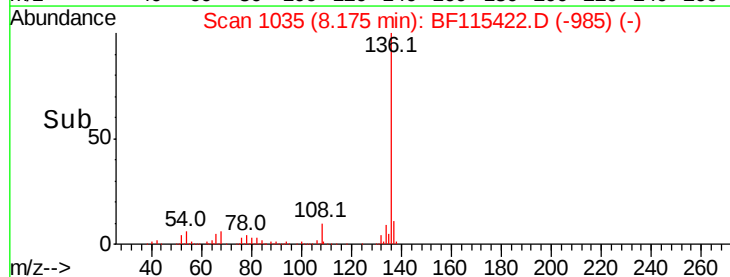
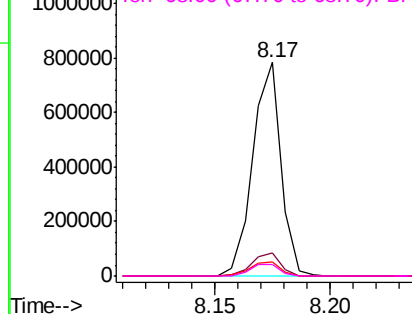
137 10.8 8.9 13.3

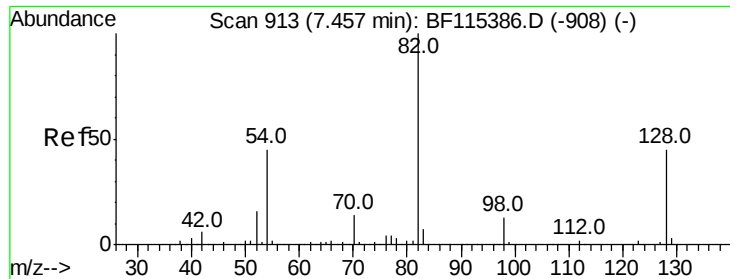
54 6.4 5.6 8.4

68 5.6 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

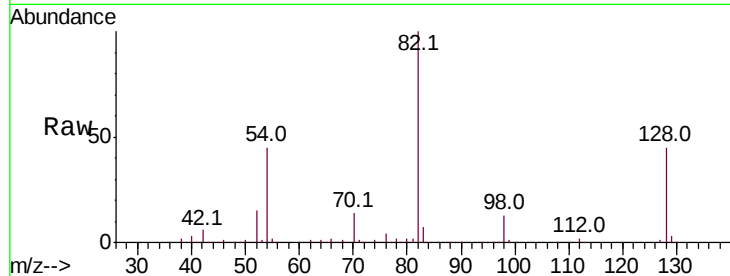




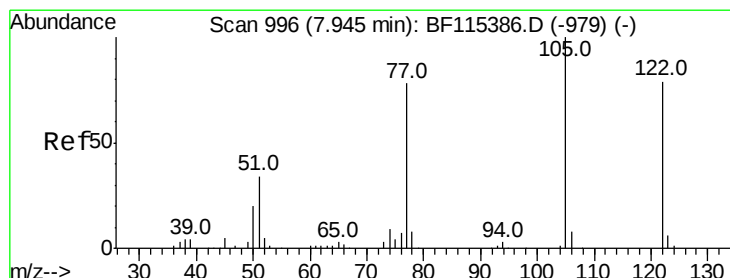
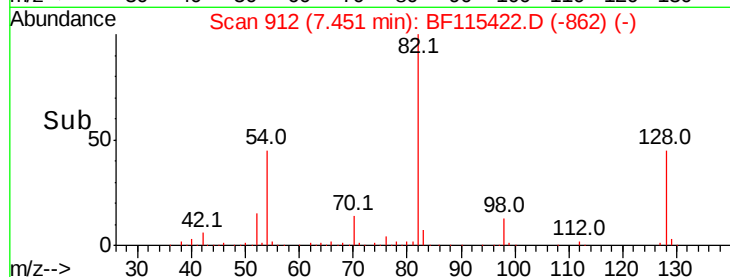
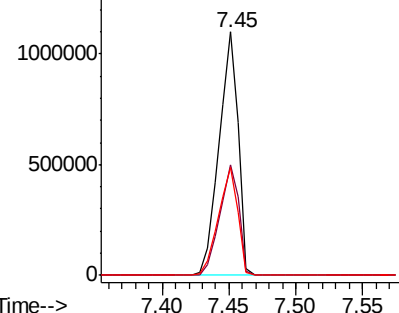
#23
 Nitrobenzene-d5
 Concen: 98.651 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

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

Tot Ion: 82 Resp: 1115726
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.7 53.5
 54 44.5 36.3 54.5

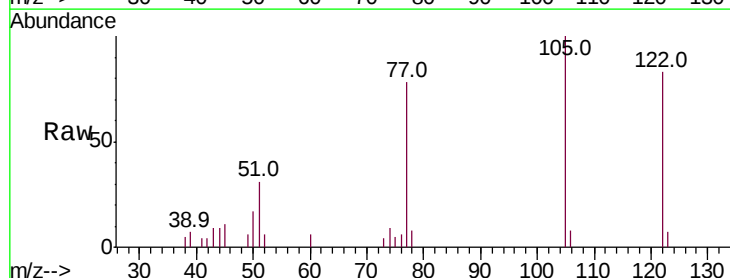


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

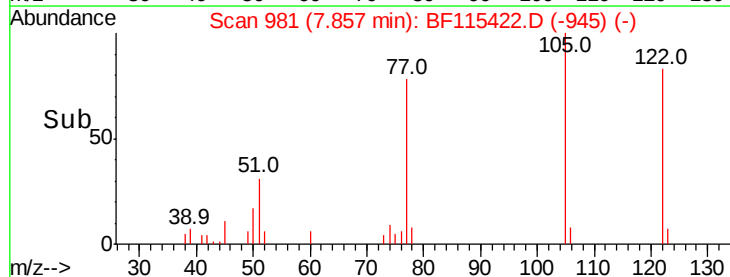
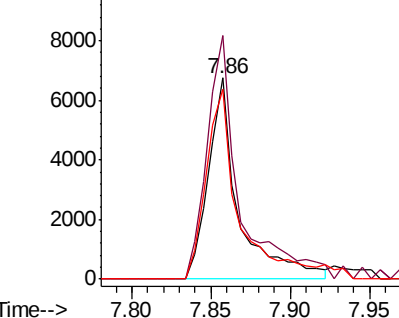


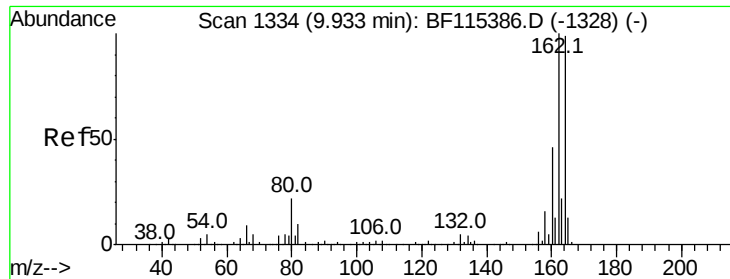
#32
 Benzoic acid
 Concen: 7.114 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.09 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

Tgt Ion:122 Resp: 8944
 Ion Ratio Lower Upper
 122 100
 105 121.2 105.1 145.1
 77 94.4 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 10000
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

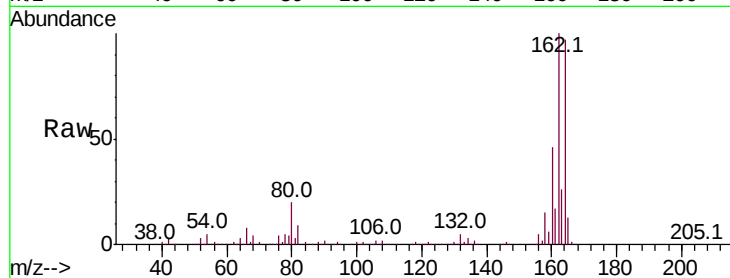




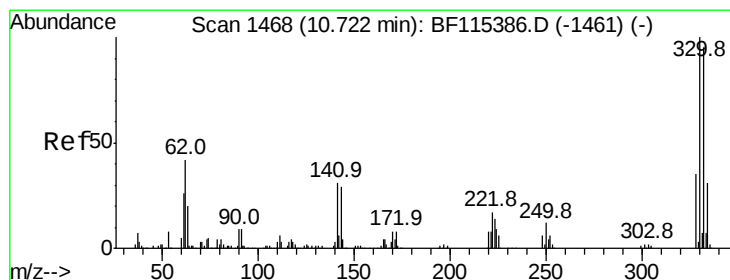
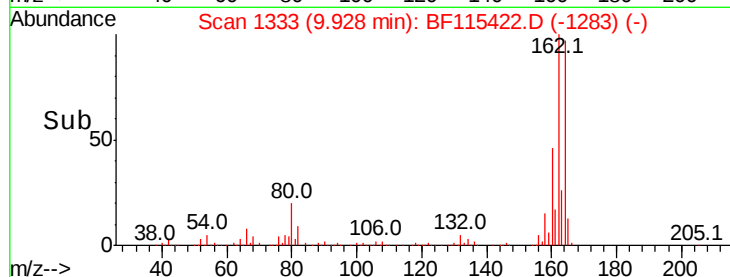
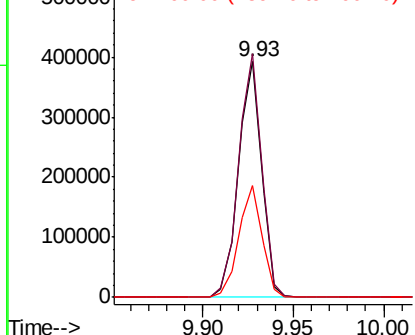
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

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

Tot Ion:164 Resp: 347349
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 121.0
 160 47.6 37.0 55.6

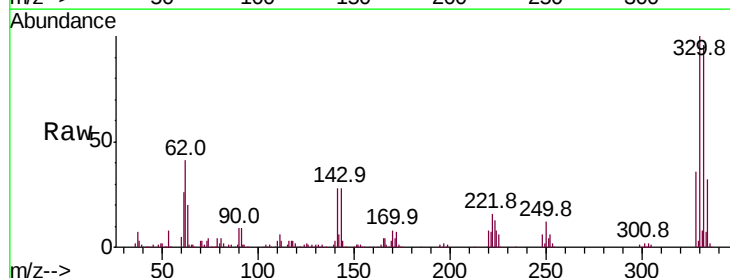


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

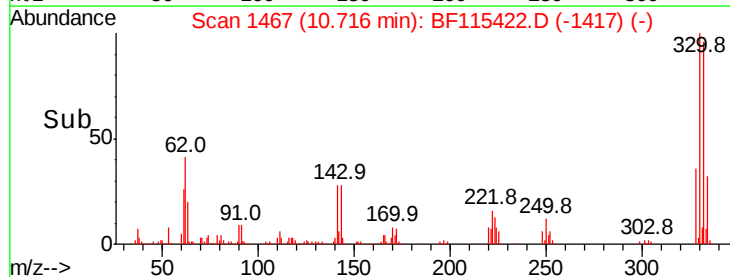
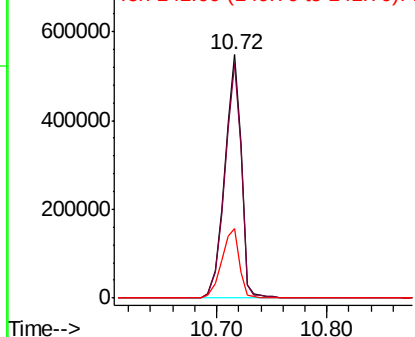


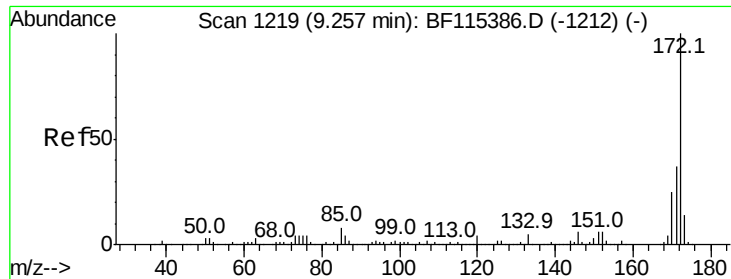
#42
 2,4,6-Tribromophenol
 Concen: 149.091 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

Tgt Ion:330 Resp: 572589
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.3 114.5
 141 30.6 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



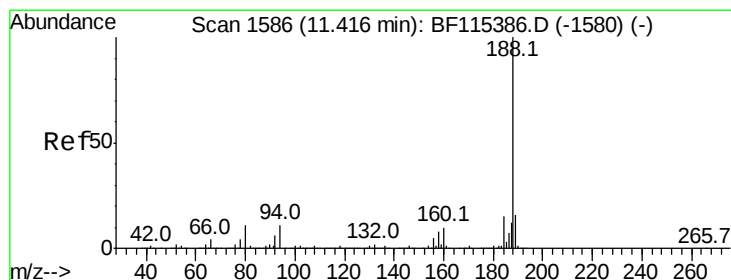
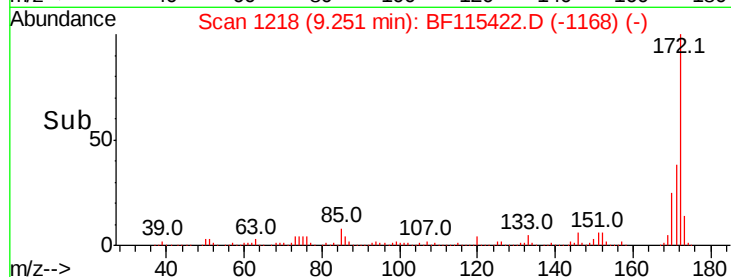
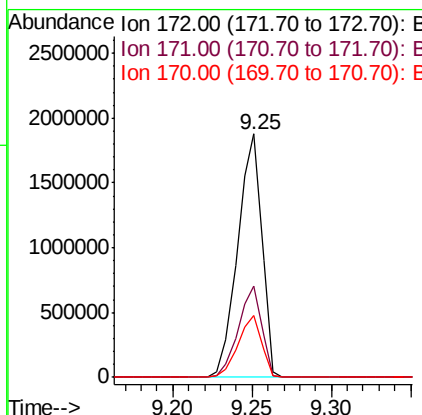
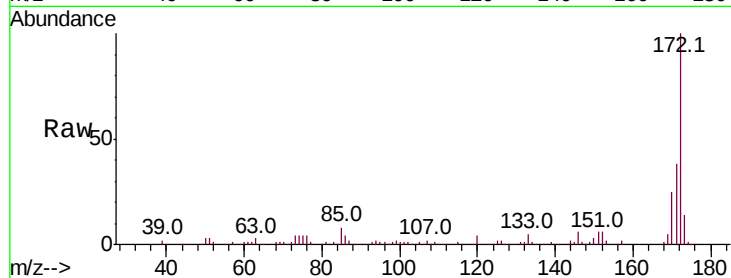


#45
 2-Fluorobiphenyl
 Concen: 99.622 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

Instrument :
 BNA_F
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 PL-01-070319-D

Tot Ion:172 Resp: 1971990

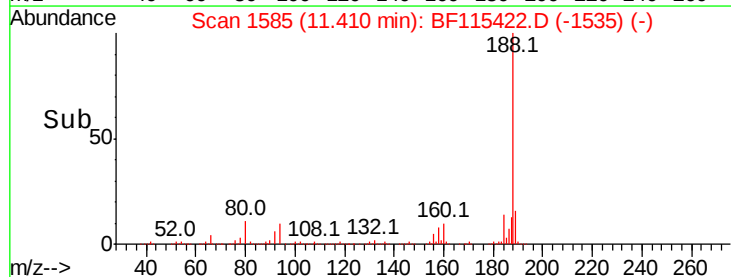
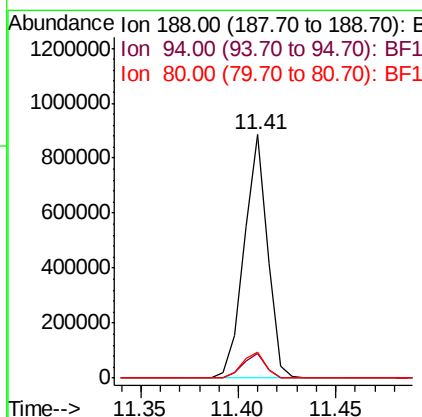
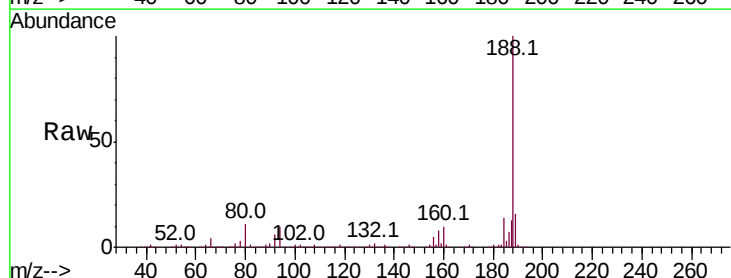
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.8
170	25.3	20.2	30.4

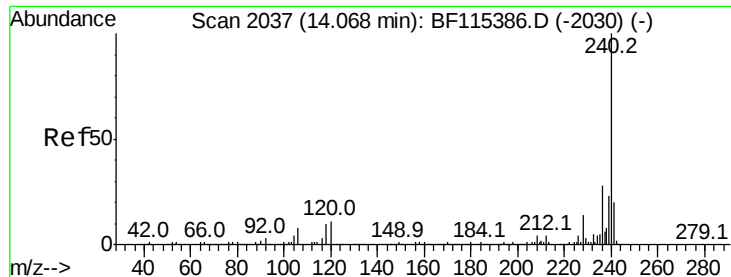


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

Tgt Ion:188 Resp: 734138

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.1	13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF115422.D

Acq: 8 Jul 2019 22:59

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-D

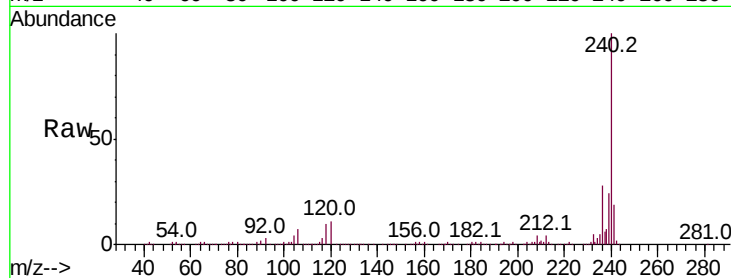
Tot Ion:240 Resp: 648730

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

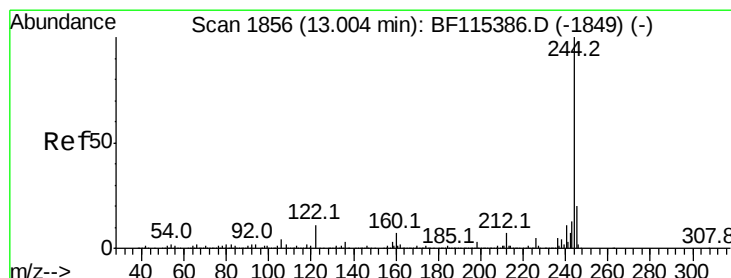
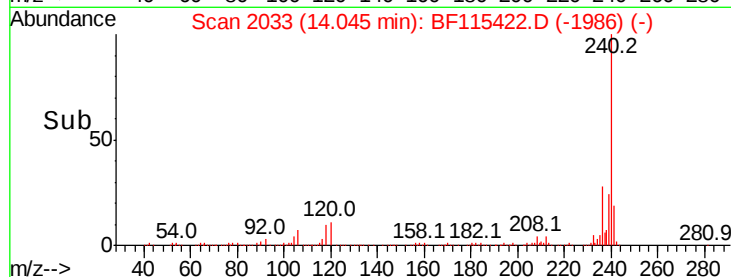
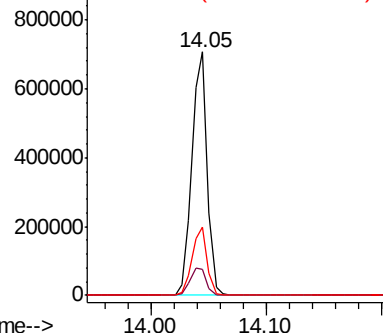
236 27.8 22.5 33.7



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: 84.620 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115422.D

Acq: 8 Jul 2019 22:59

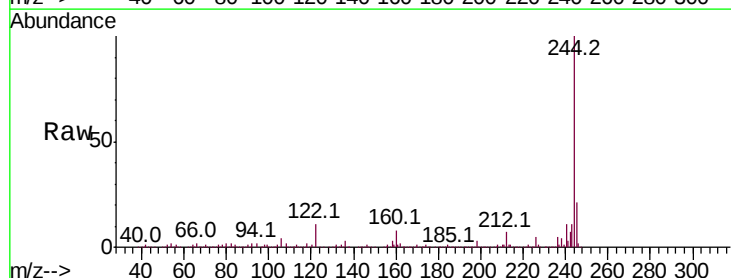
Tgt Ion:244 Resp: 2681105

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

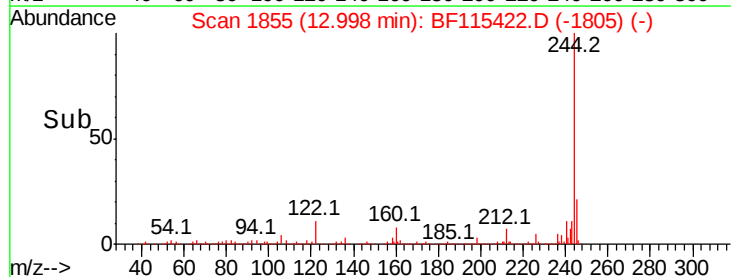
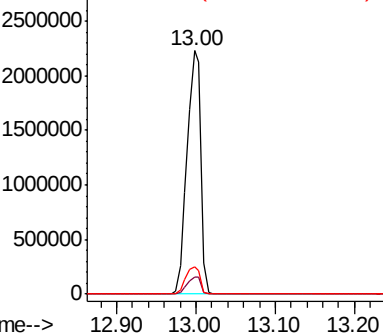
122 11.2 9.1 13.7

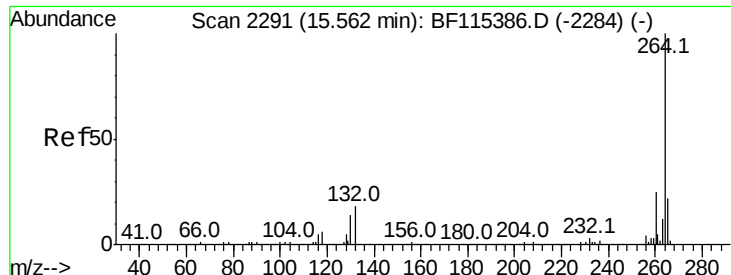


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

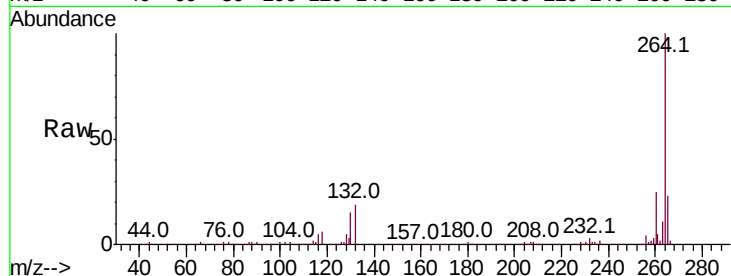




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: BF115422.D
 Acq: 8 Jul 2019 22:59

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

Tot Ion:264 Resp: 605468
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 22.9 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

