

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115419.D
 Acq On : 8 Jul 2019 21:39
 Operator : HP/JU
 Sample : K3624-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 09 03:54:49 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

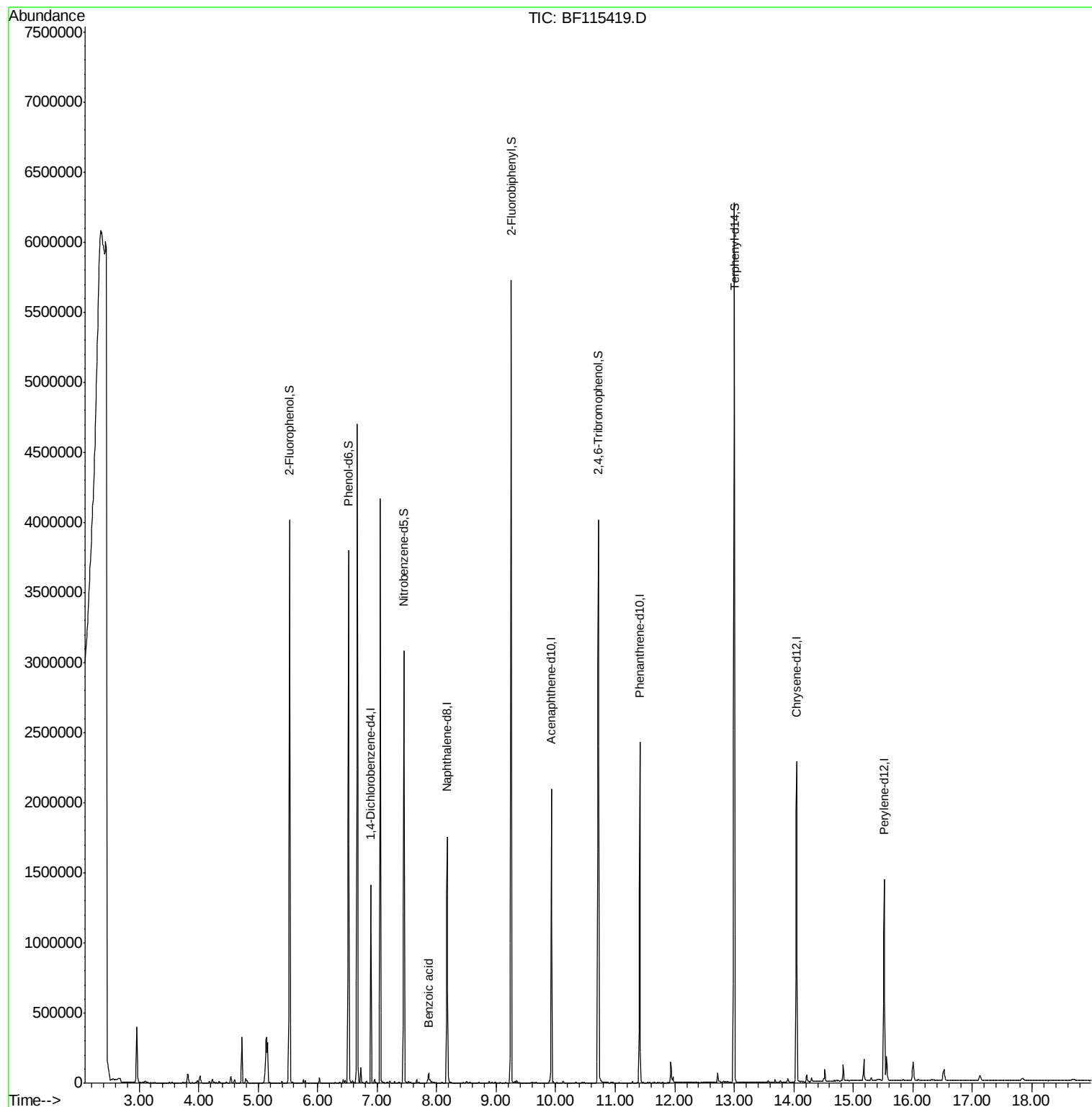
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	193025	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765691	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	401959	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	850649	20.00	ng	0.00
76) Chrysene-d12	14.05	240	732096	20.00	ng	-0.02
87) Perylene-d12	15.52	264	714842	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1265709	101.31	ng	0.01
7) Phenol-d6	6.52	99	1487564	93.62	ng	0.00
23) Nitrobenzene-d5	7.45	82	1175462	90.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	605643	136.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2064988	90.15	ng	0.00
79) Terphenyl-d14	13.00	244	2747467	76.84	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	24415	8.595	ng	Qvalue 98

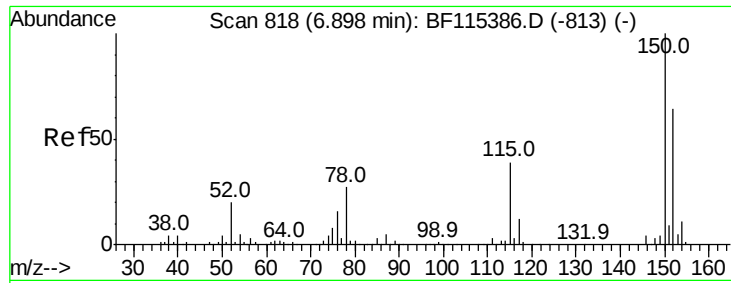
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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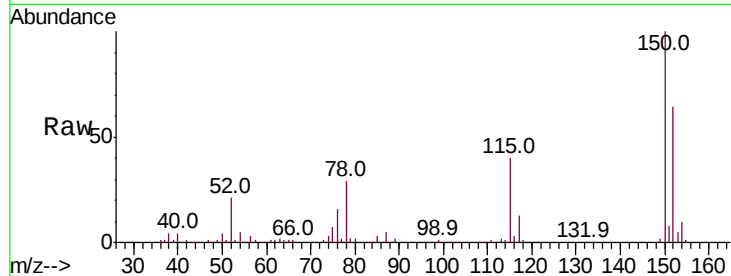


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115419.D
Acq: 8 Jul 2019 21:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	63.2	48.1	72.1

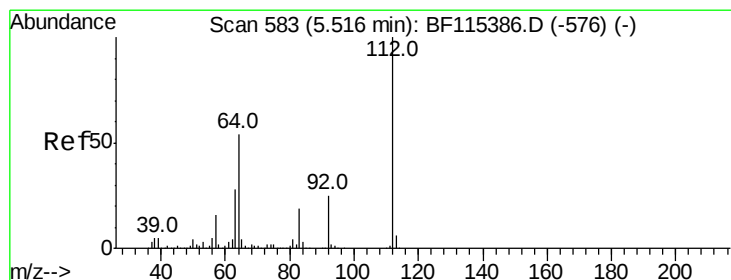
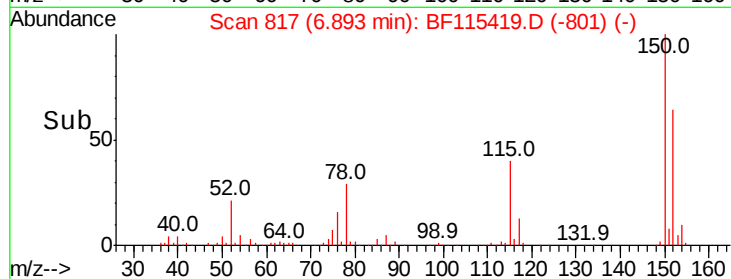
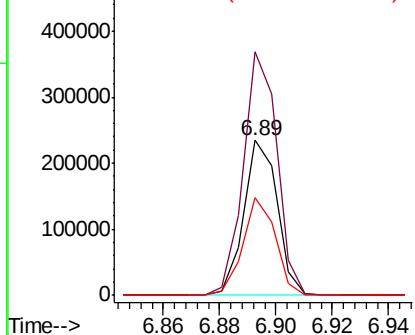


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

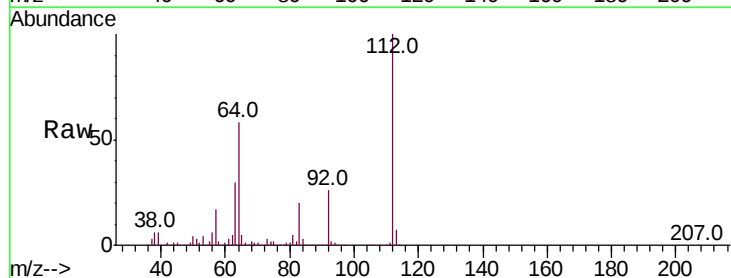
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.311 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115419.D
Acq: 8 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	43.0	64.6
63	29.8	22.2	33.2

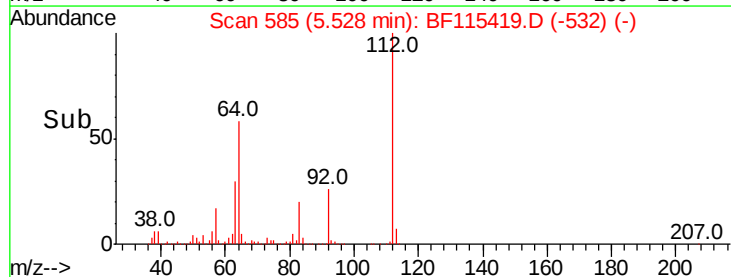
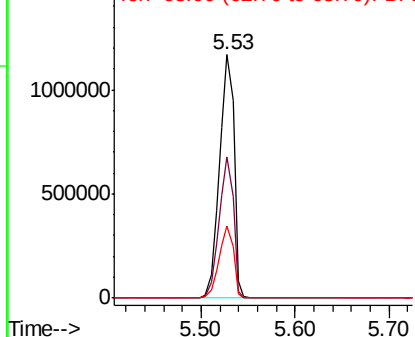


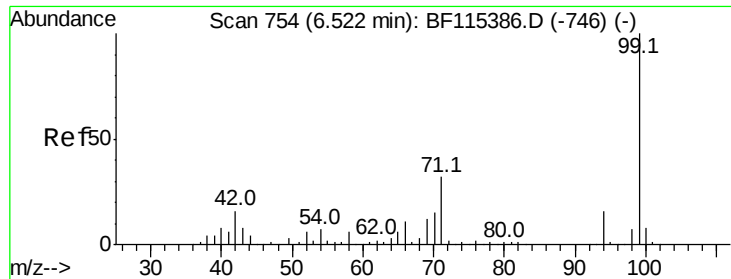
Abundance

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: 93.623 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115419.D

Acq: 8 Jul 2019 21:39

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-A

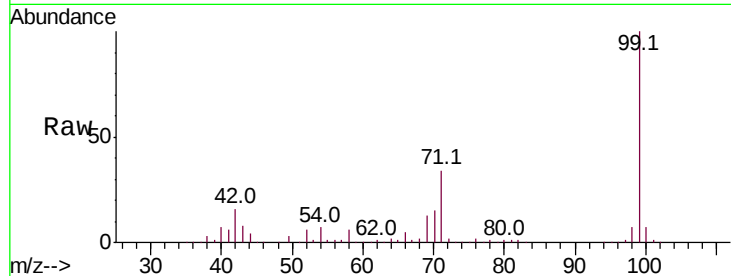
Tot Ion: 99 Resp: 1487564

Ion Ratio Lower Upper

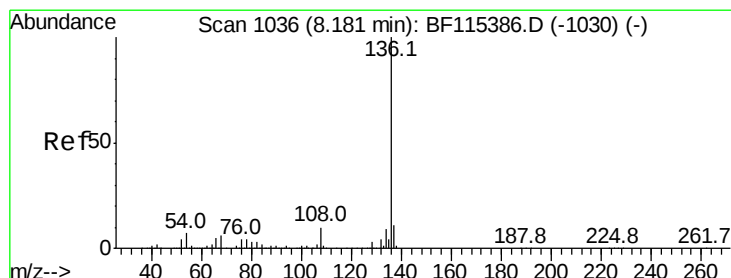
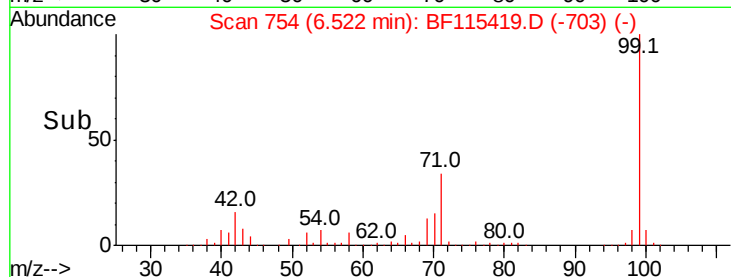
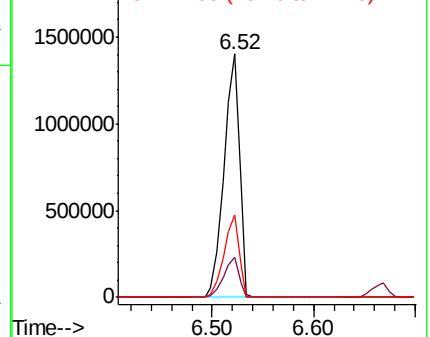
99 100

42 16.4 13.1 19.7

71 33.7 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: BF115419.D

Acq: 8 Jul 2019 21:39

Tgt Ion: 136 Resp: 765691

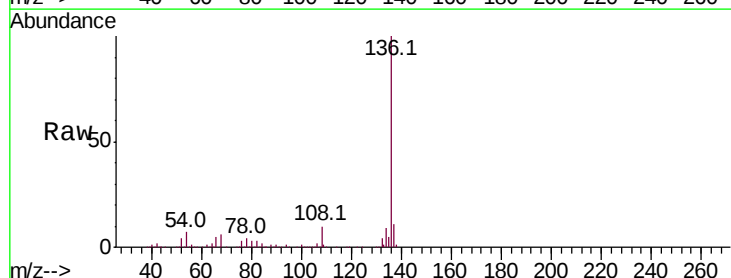
Ion Ratio Lower Upper

136 100

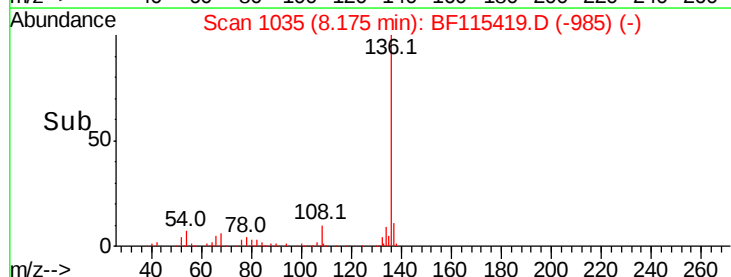
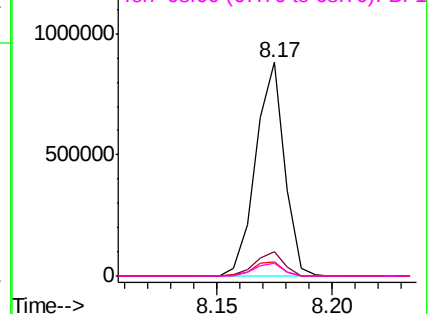
137 11.1 8.9 13.3

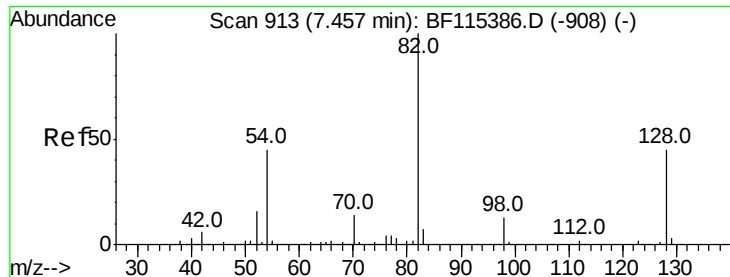
54 6.8 5.6 8.4

68 6.2 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

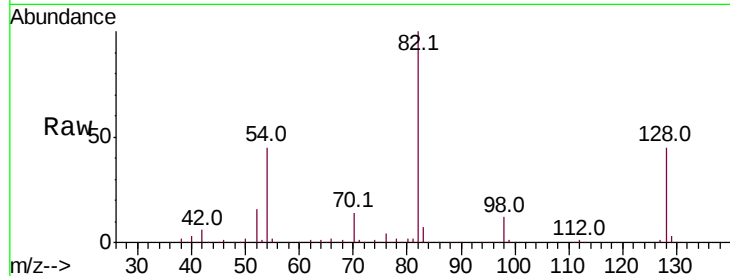




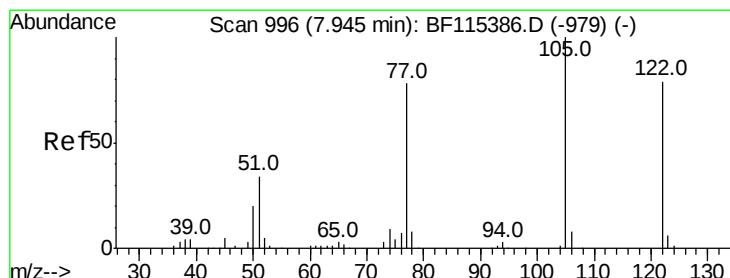
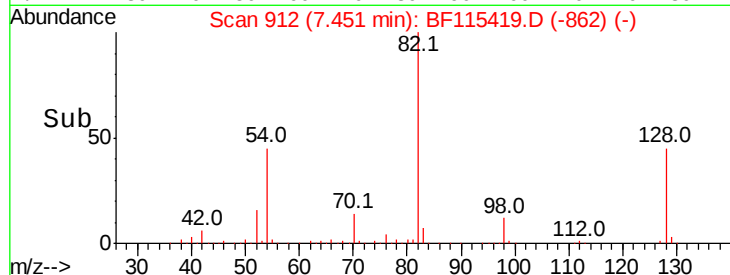
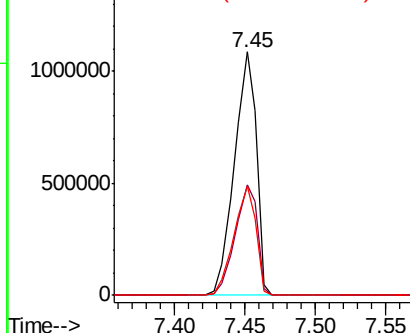
#23
Nitrobenzene-d5
Concen: 90.702 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115419.D
Acq: 8 Jul 2019 21:39

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

Tot Ion: 82 Resp: 1175462
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 45.0 36.3 54.5

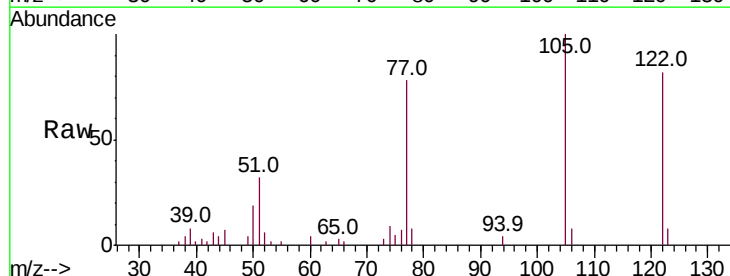


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

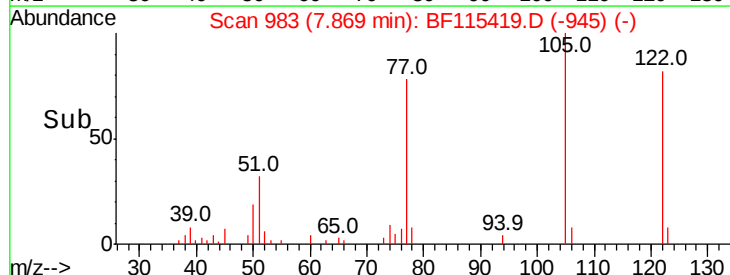
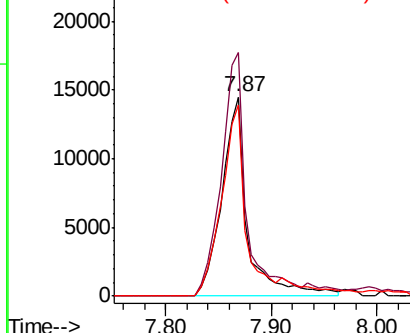


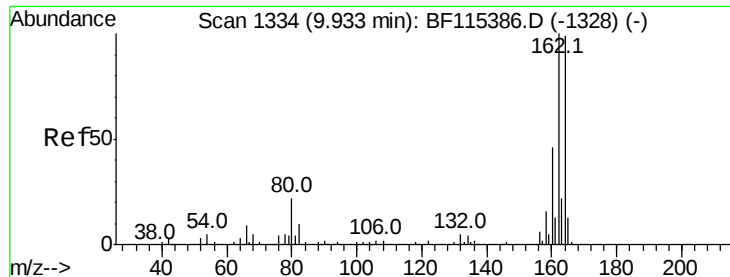
#32
Benzoic acid
Concen: 8.595 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115419.D
Acq: 8 Jul 2019 21:39

Tgt Ion:122 Resp: 24415
Ion Ratio Lower Upper
122 100
105 122.2 105.1 145.1
77 95.7 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

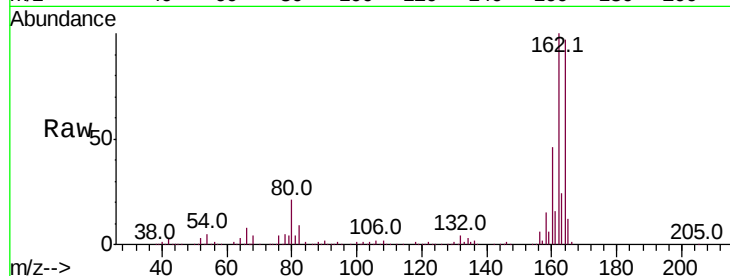




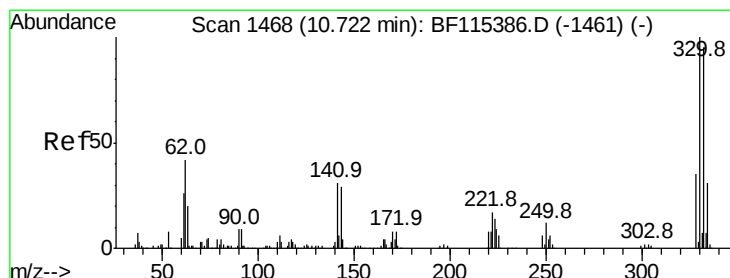
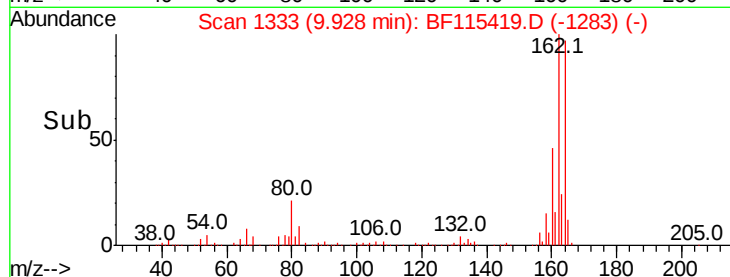
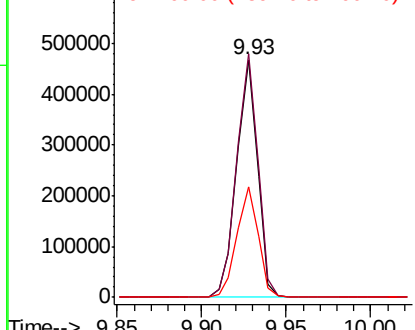
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115419.D
 Acq: 8 Jul 2019 21:39

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

Tot Ion:164 Resp: 401959
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 121.0
 160 46.8 37.0 55.6

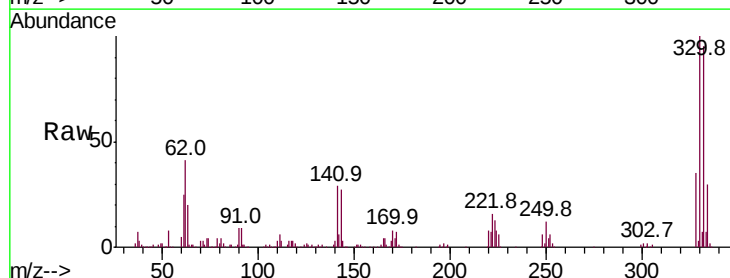


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

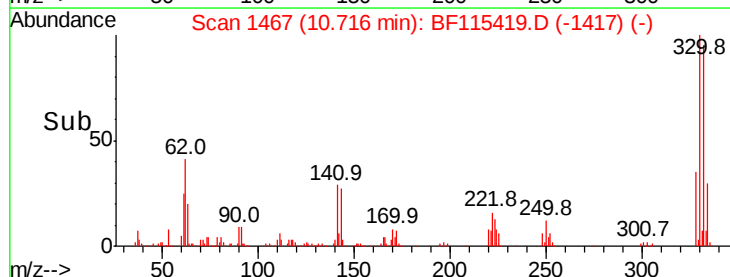
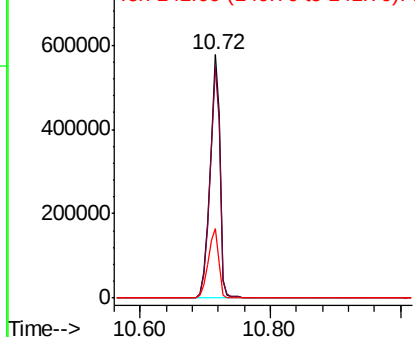


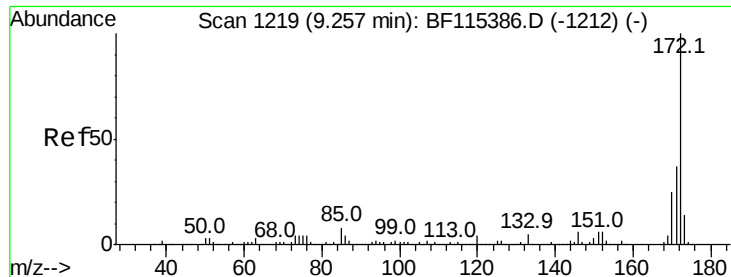
#42
 2,4,6-Tribromophenol
 Concen: 136.273 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115419.D
 Acq: 8 Jul 2019 21:39

Tgt Ion:330 Resp: 605643
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.3 114.5
 141 30.3 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



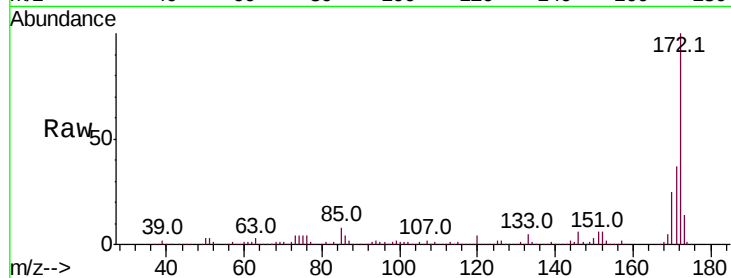


#45
 2-Fluorobiphenyl
 Concen: 90.147 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115419.D
 Acq: 8 Jul 2019 21:39

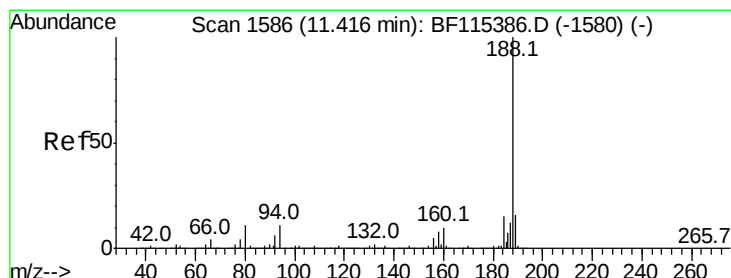
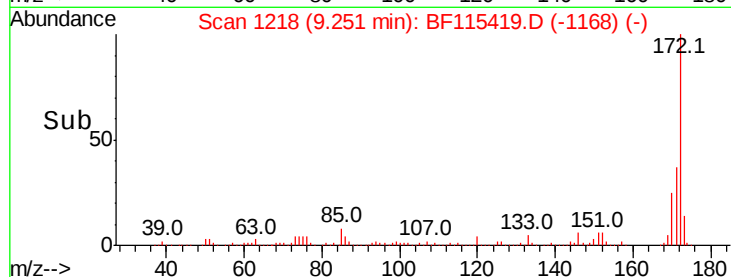
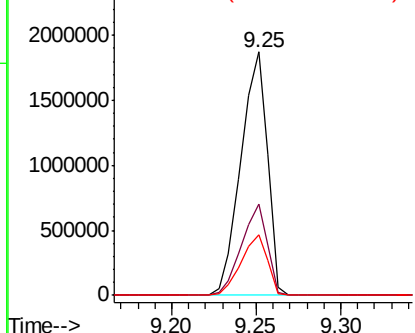
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-A

Tot Ion:172 Resp: 2064988

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.8
170	25.1	20.2	30.4



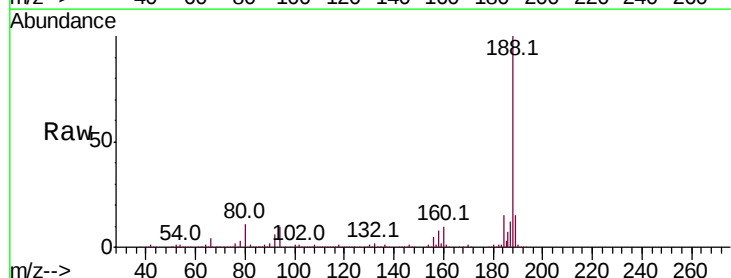
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



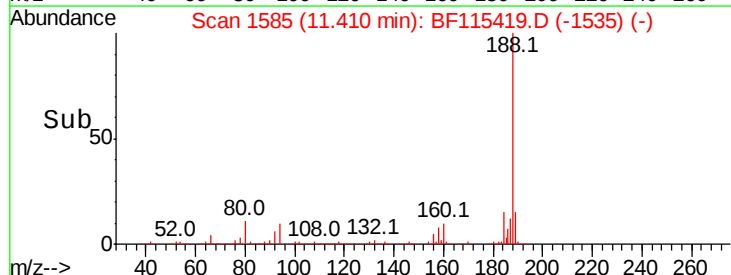
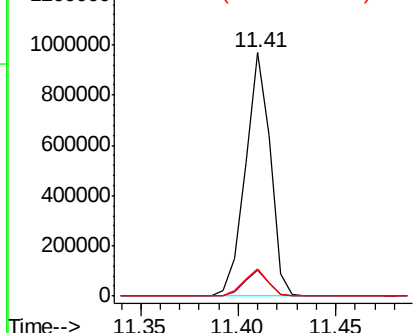
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF115419.D
 Acq: 8 Jul 2019 21:39

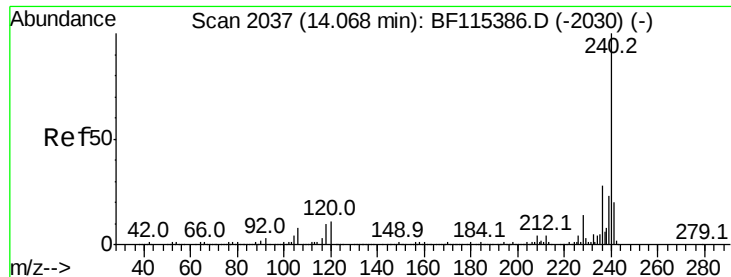
Tgt Ion:188 Resp: 850649

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	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# 2033

Delta R.T. -0.02 min

Lab File: BF115419.D

Acq: 8 Jul 2019 21:39

Instrument :

BNA_F

ClientSampleId :

PL-01-070319-A

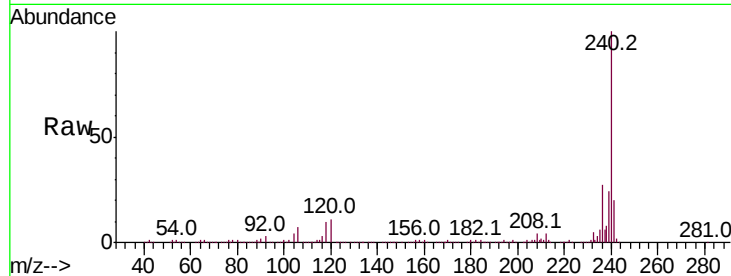
Tot Ion:240 Resp: 732096

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

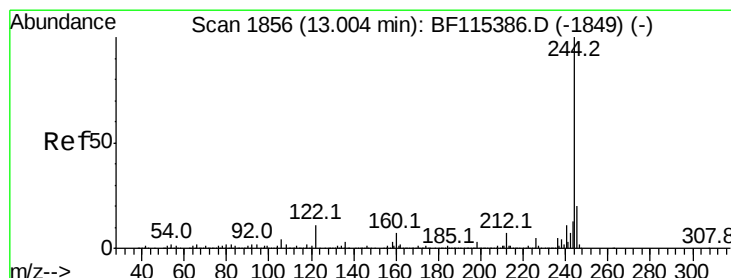
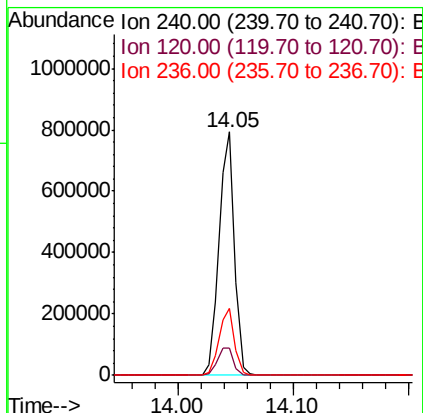
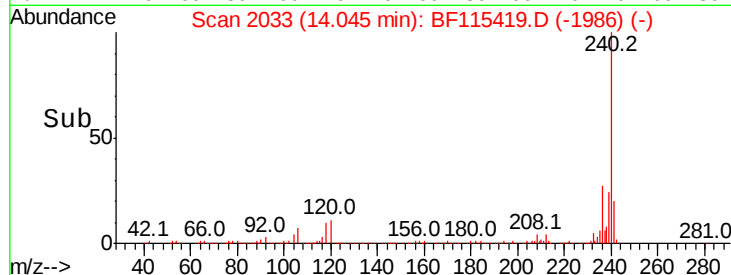
236 27.4 22.5 33.7



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: 76.840 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115419.D

Acq: 8 Jul 2019 21:39

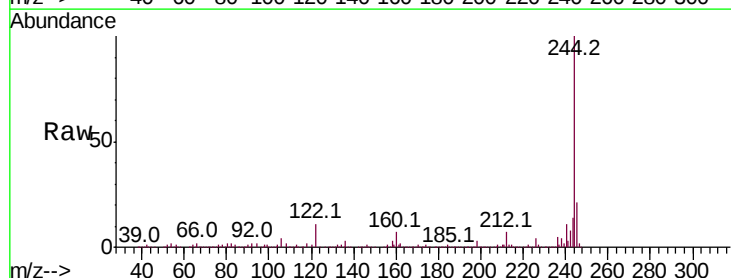
Tgt Ion:244 Resp: 2747467

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

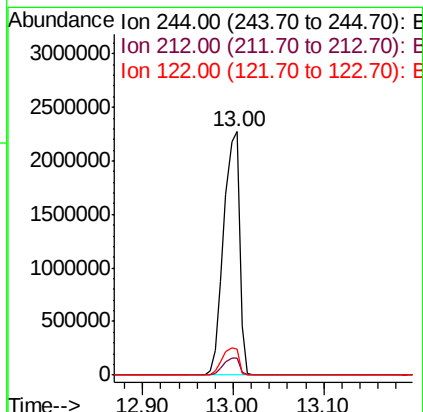
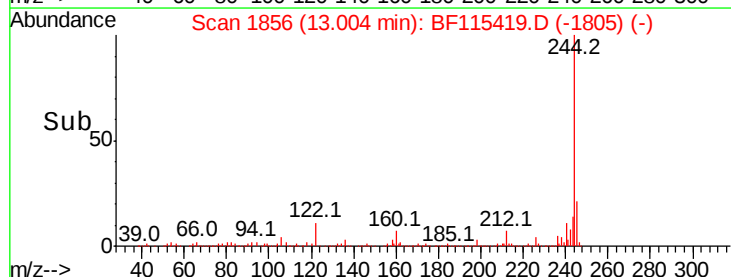
122 10.7 9.1 13.7

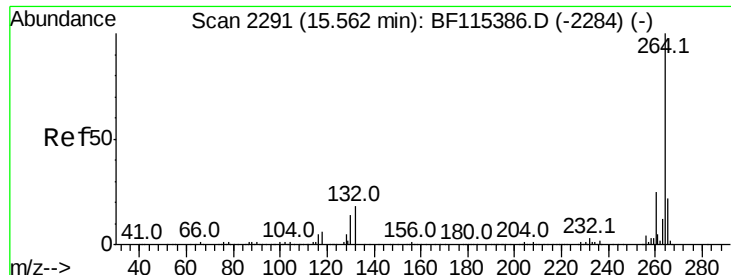


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115419.D
Acq: 8 Jul 2019 21:39

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

Tot Ion:	264	Resp:	714842
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.1	17.4	26.2

