

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114959.D
 Acq On : 11 Jun 2019 22:27
 Operator : HP/JU
 Sample : K3271-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:33:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

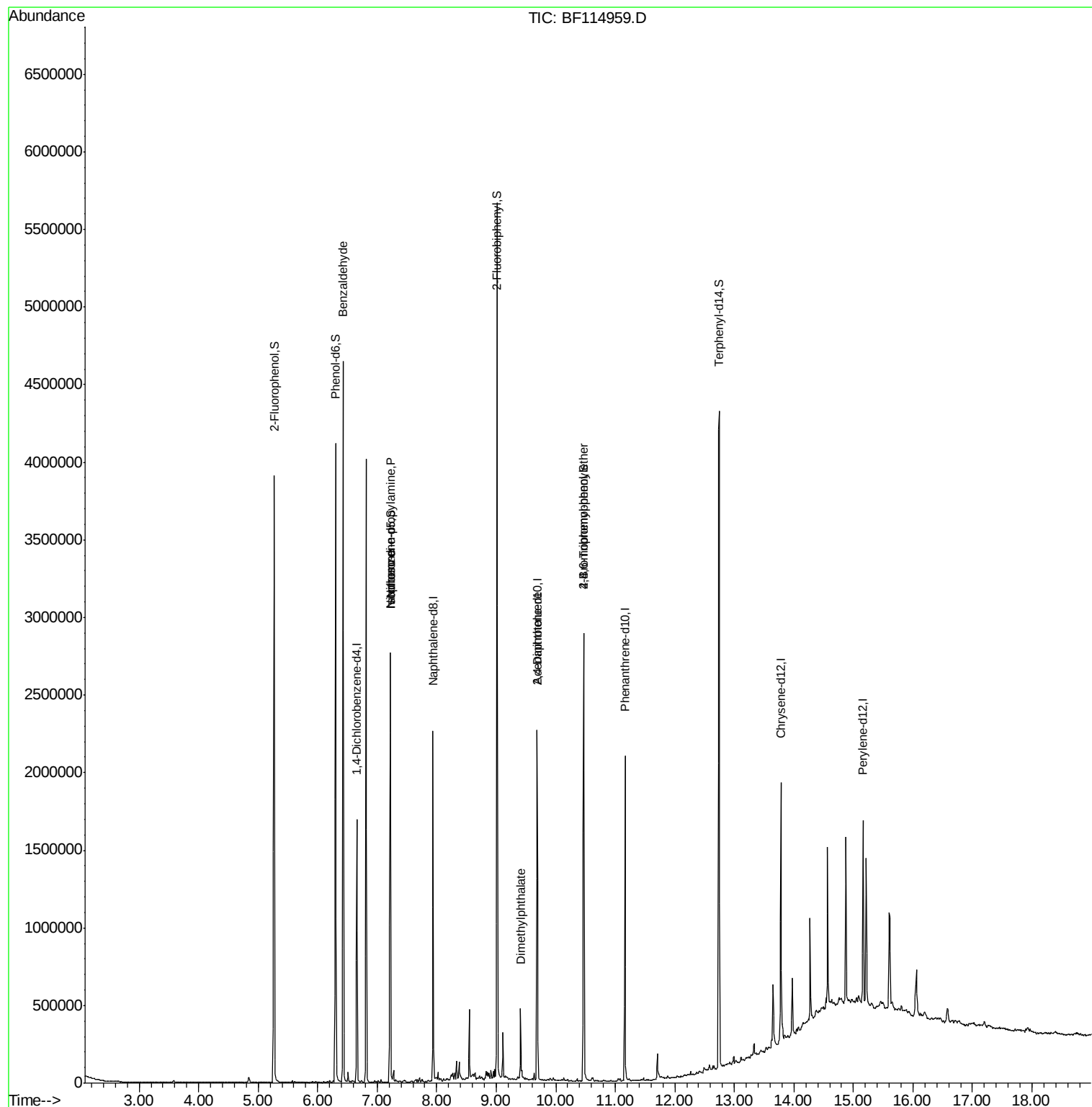
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	233525	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	896806	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	422075	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	755116	20.00	ng	0.00
76) Chrysene-d12	13.78	240	565619	20.00	ng	-0.01
87) Perylene-d12	15.16	264	494410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1179752	85.50	ng	0.00
7) Phenol-d6	6.30	99	1480289	88.94	ng	0.00
23) Nitrobenzene-d5	7.22	82	879597	60.26	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	358325	78.04	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1683243	63.29	ng	0.00
79) Terphenyl-d14	12.74	244	1566080	55.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	26063	2.447	ng	84
19) n-Nitroso-di-n-propylamine	7.22	70	115967	11.143	ng	# 76
25) Isophorone	7.22	82	864611	30.250	ng	# 62
50) Dimethylphthalate	9.41	163	193060	6.086	ng	98
57) 2,4-Dinitrotoluene	9.69	165	54759	5.946	ng	# 26
67) 4-Bromophenyl-phenylether	10.47	248	22957	2.807	ng	# 1

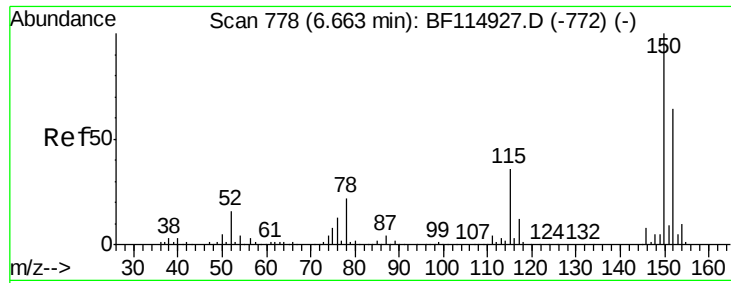
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jun 12 04:33:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



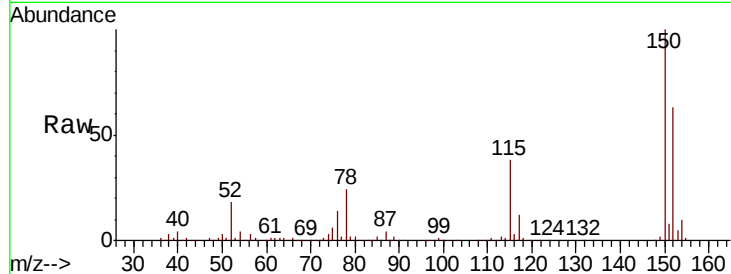


#1

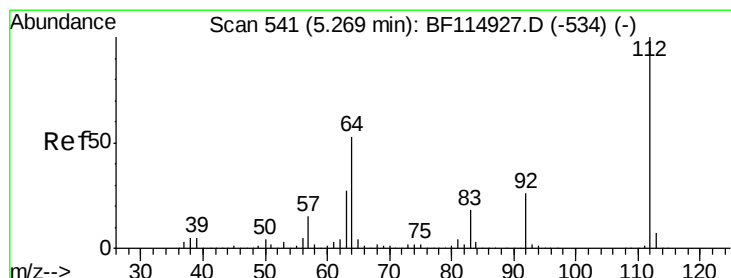
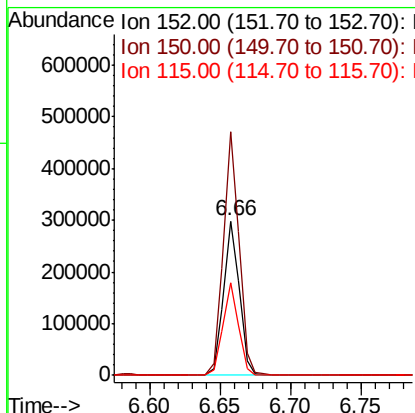
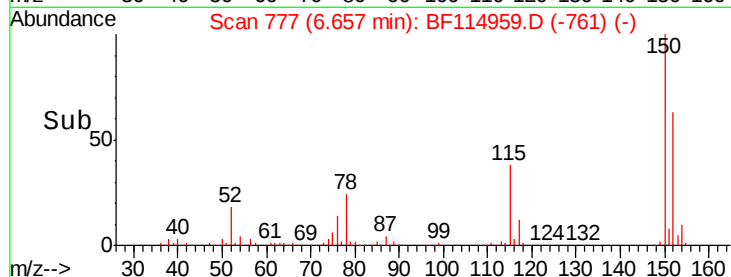
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 233525
Ion Ratio Lower Upper
152 100
150 157.9 125.2 187.8
115 59.9 45.0 67.4



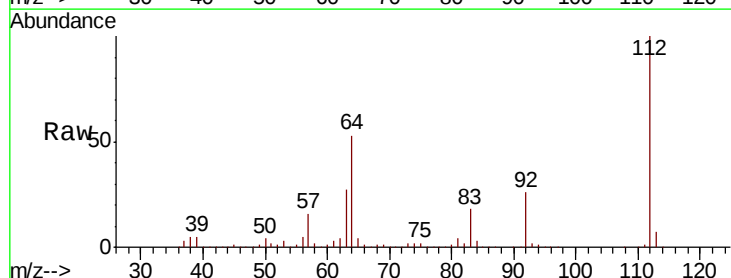
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



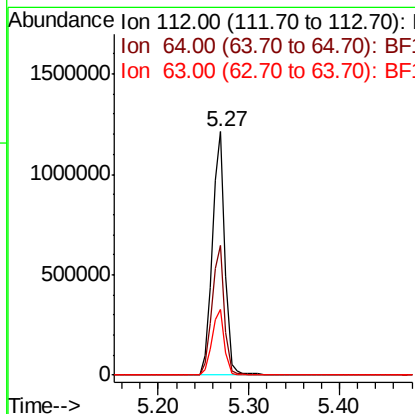
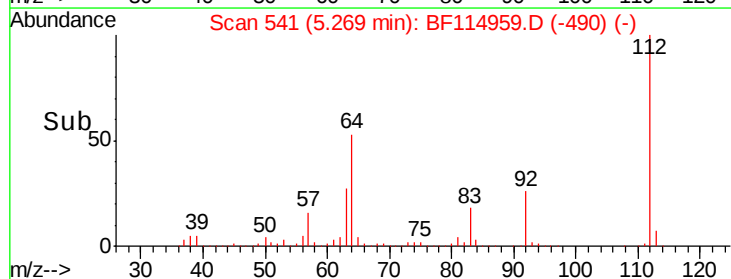
#5

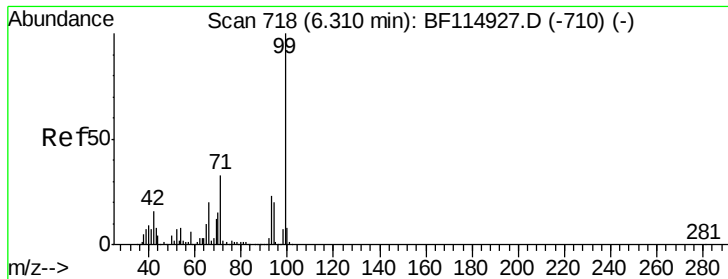
2-Fluorophenol
Concen: 85.500 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Tgt Ion:112 Resp: 1179752
Ion Ratio Lower Upper
112 100
64 53.1 42.1 63.1
63 27.2 21.8 32.8



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: 88.941 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

Instrument :

BNA_F

ClientSampleId :

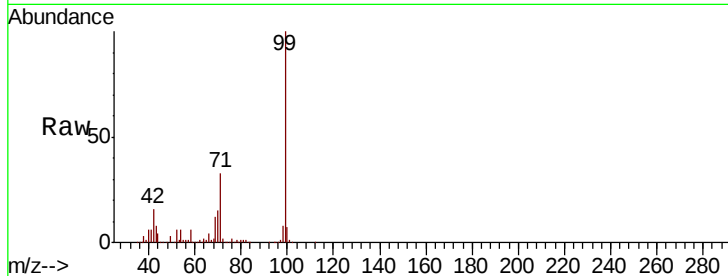
Tot Ion: 99 Resp: 1480289

Ion Ratio Lower Upper

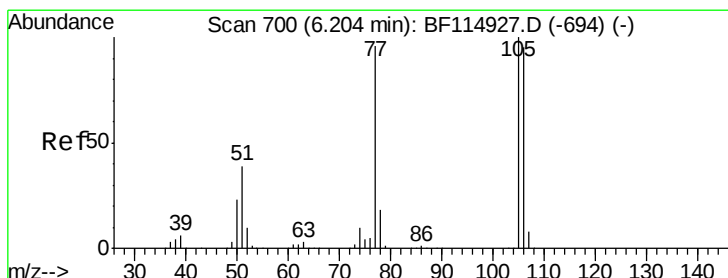
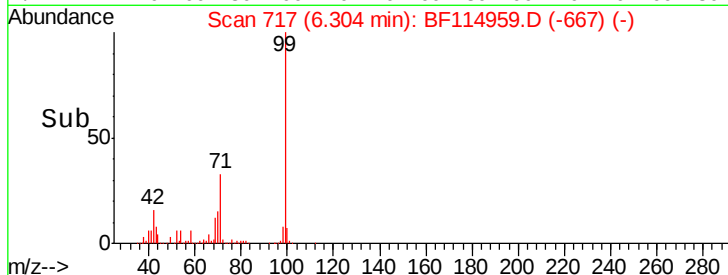
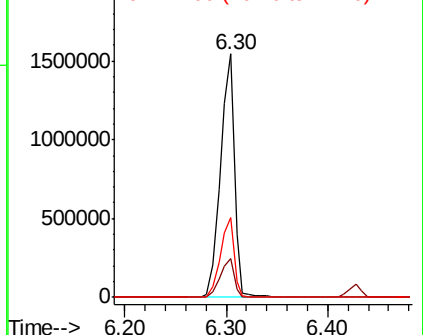
99 100

42 15.9 13.1 19.7

71 32.6 26.8 40.2



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



#9

Benzaldehyde

Concen: 2.447 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.22 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

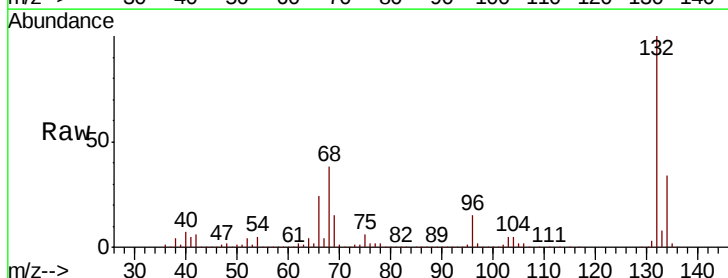
Tgt Ion: 77 Resp: 26063

Ion Ratio Lower Upper

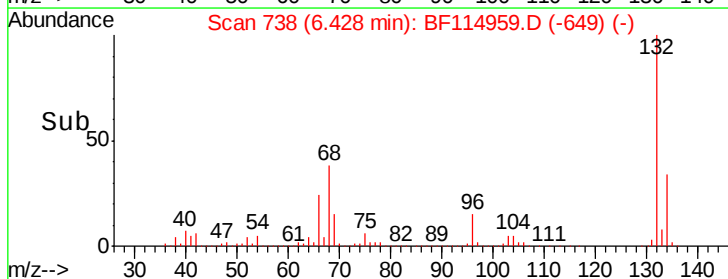
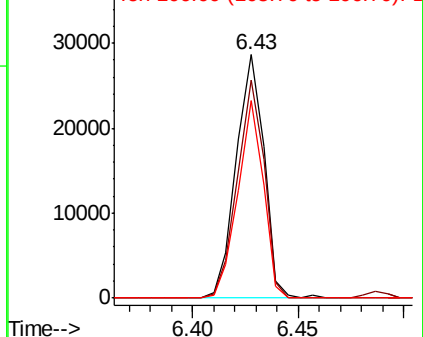
77 100

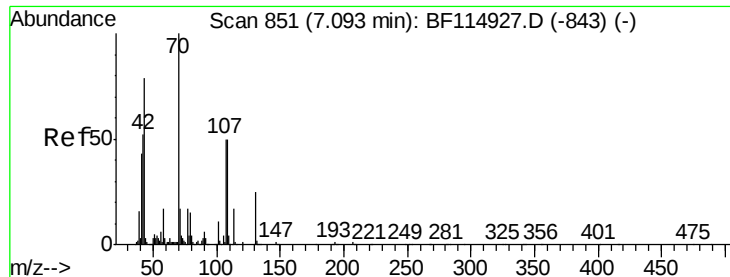
105 89.6 84.5 124.5

106 81.2 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

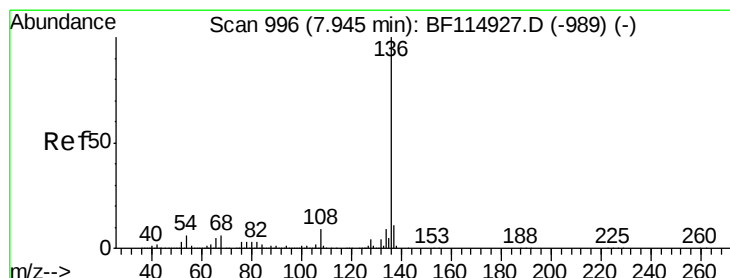
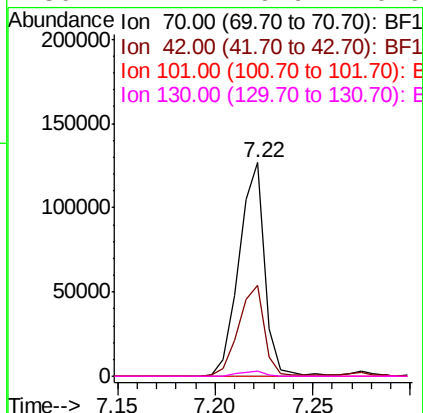
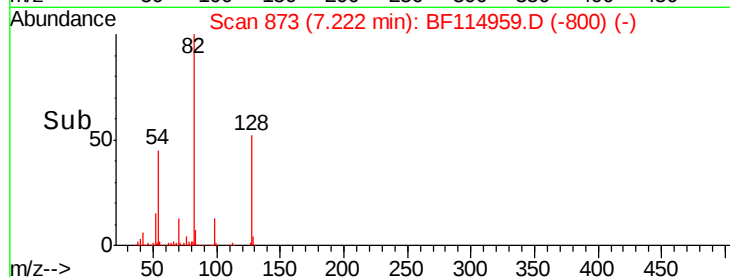
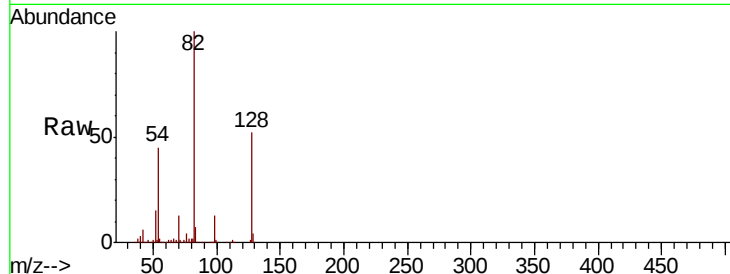




#19
n-Nitroso-di-n-propylamine
Concen: 11.143 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

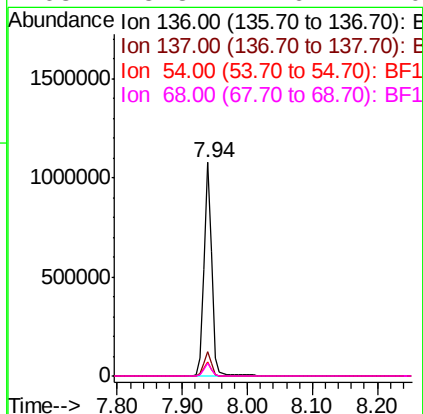
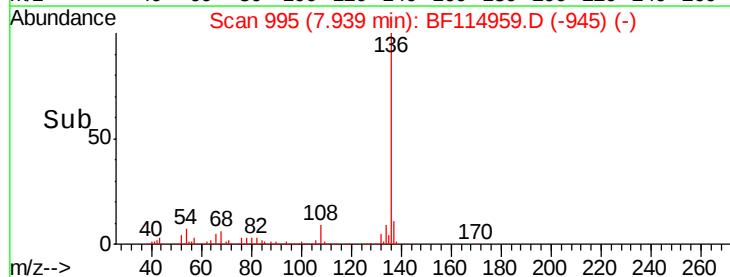
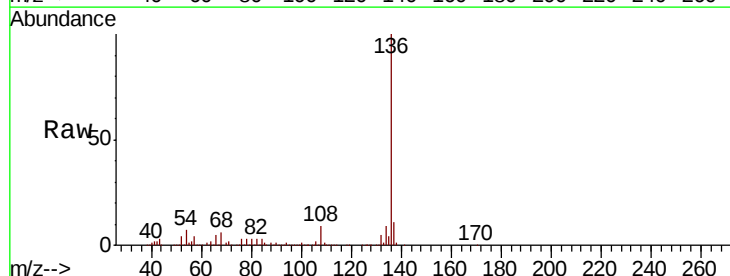
Instrument :
BNA_F
ClientSampleId :

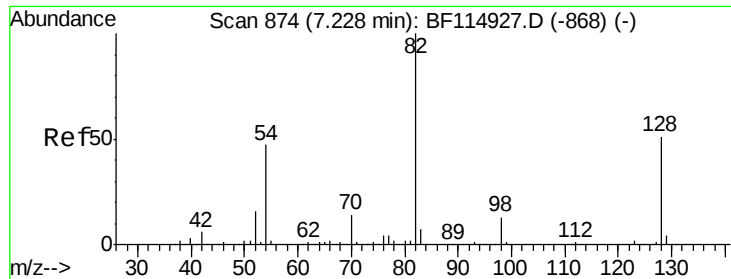
Tot Ion:	70	Resp:	115967
Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.7	62.5
101	0.0	8.4	12.6#
130	2.4	19.9	29.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Tgt Ion:	136	Resp:	896806
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.8	5.2	7.8
68	5.8	4.6	7.0

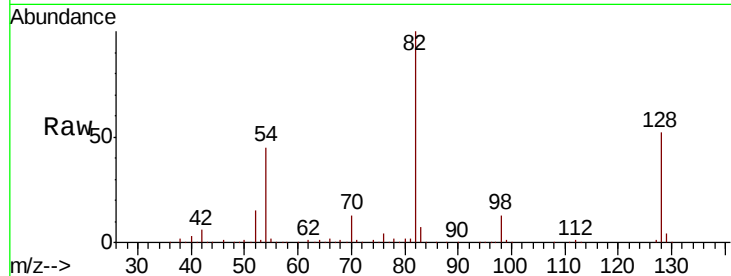




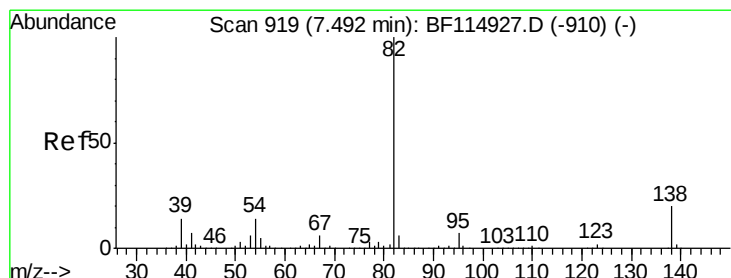
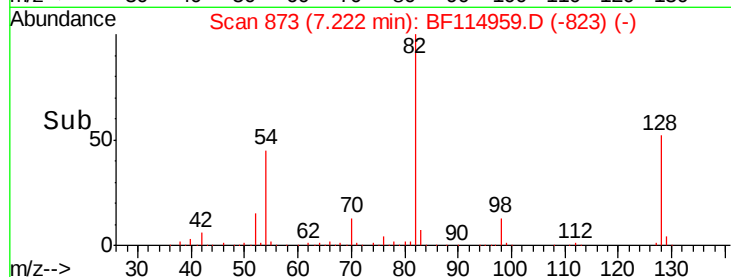
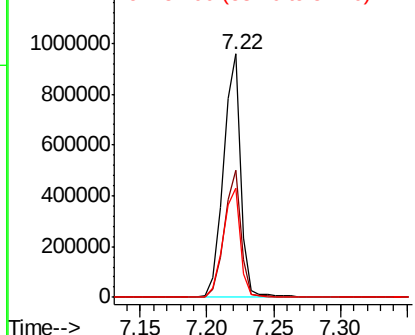
#23
Nitrobenzene-d5
Concen: 60.263 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	879597
Ion Ratio	100	Lower	Upper
128	52.3	40.9	61.3
54	45.1	37.4	56.0

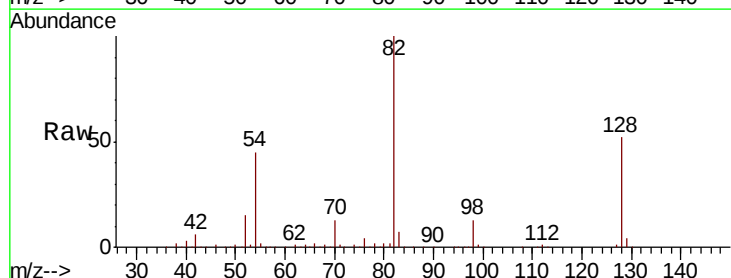


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

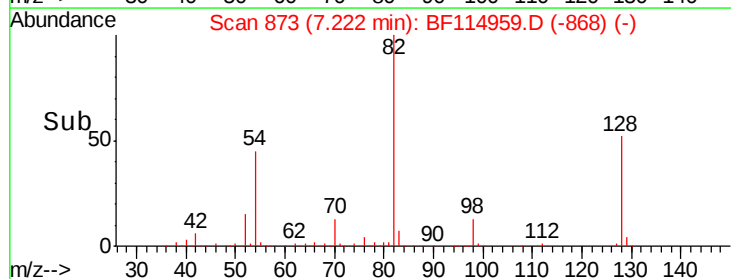
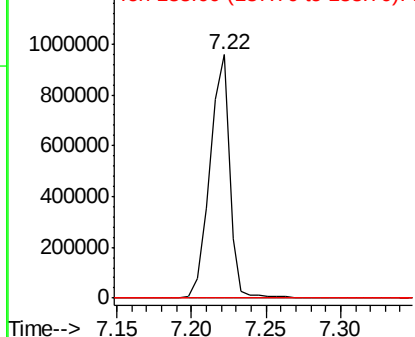


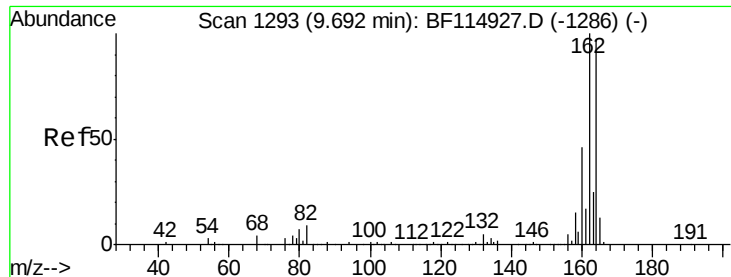
#25
Isophorone
Concen: 30.250 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.27 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Tgt Ion	82	Resp	864611
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	16.4	24.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

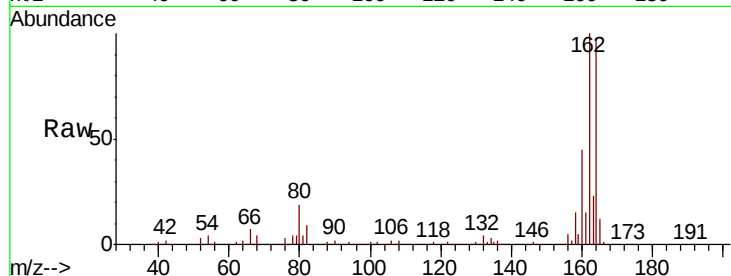




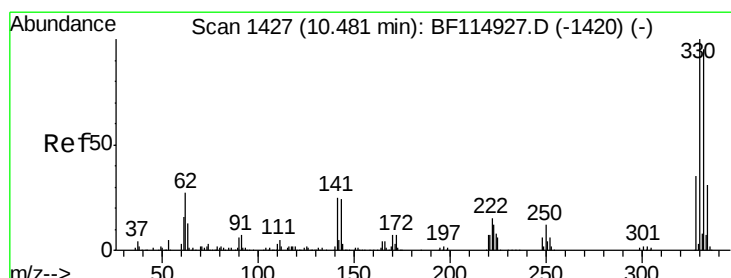
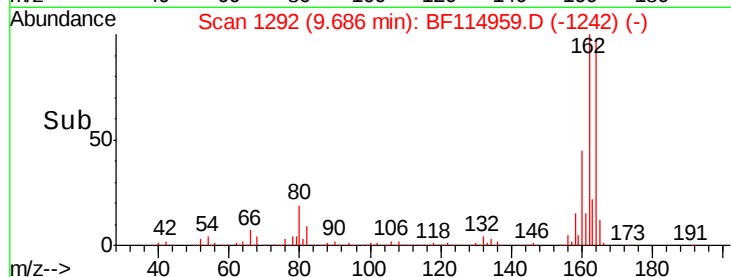
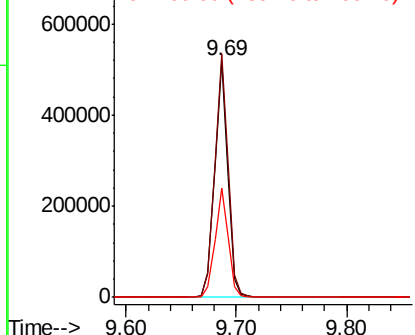
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.0	37.5	56.3

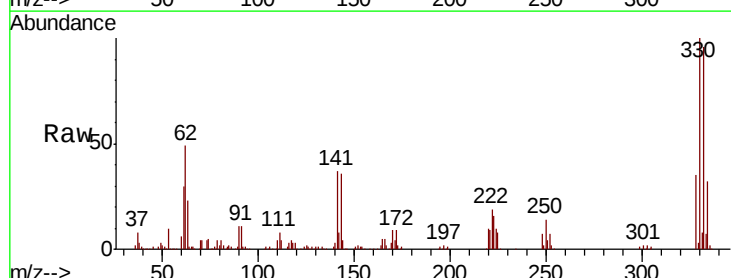


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

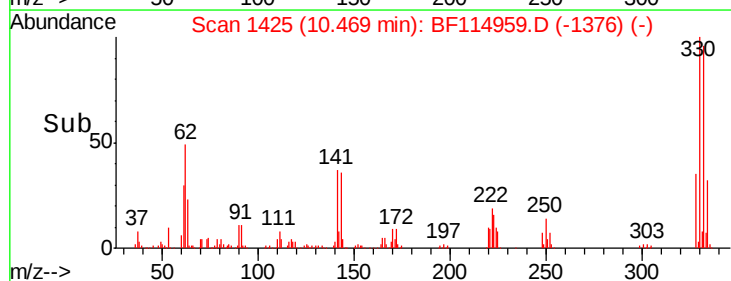
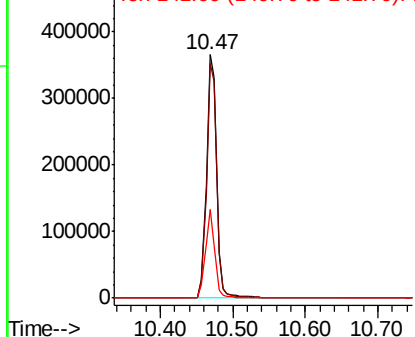


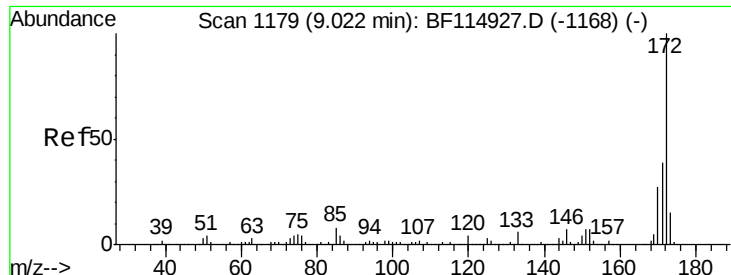
#42
2,4,6-Tribromophenol
Concen: 78.043 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	34.0	26.8	40.2



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

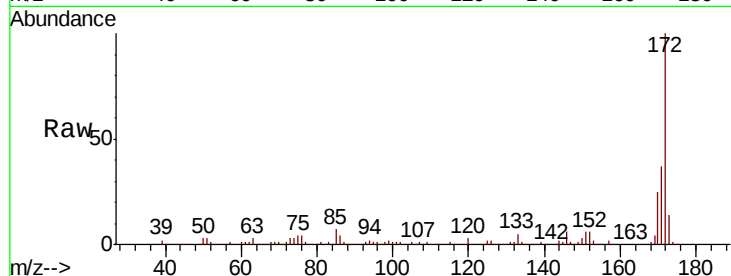




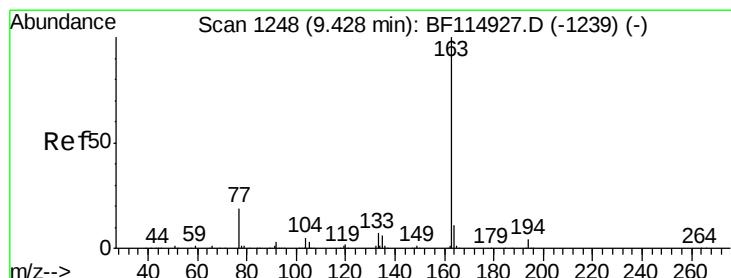
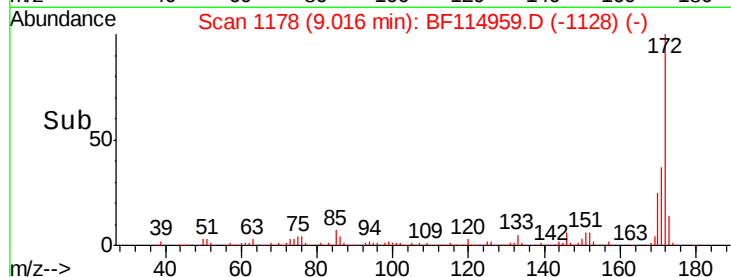
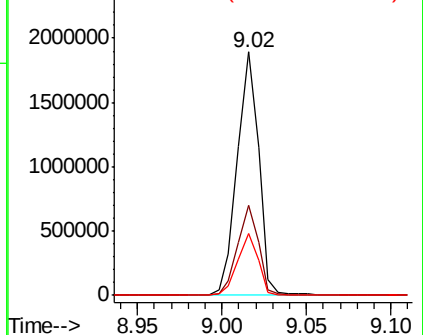
#45
2-Fluorobiphenyl
Concen: 63.293 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1683243
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 25.3 21.4 32.0

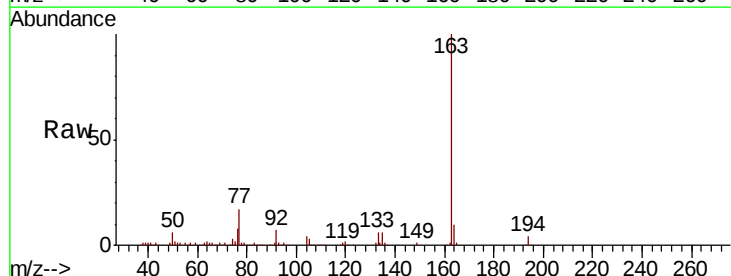


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

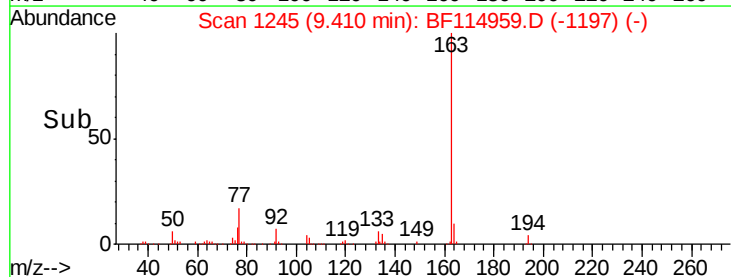
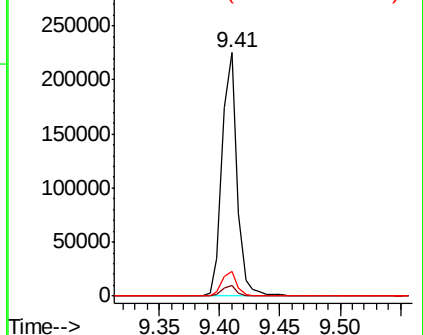


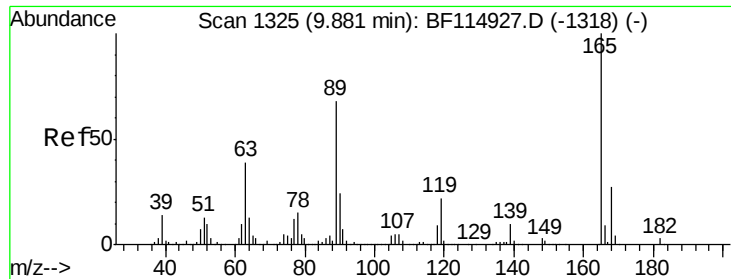
#50
Dimethylphthalate
Concen: 6.086 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114959.D
Acq: 11 Jun 2019 22:27

Tgt Ion:163 Resp: 193060
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

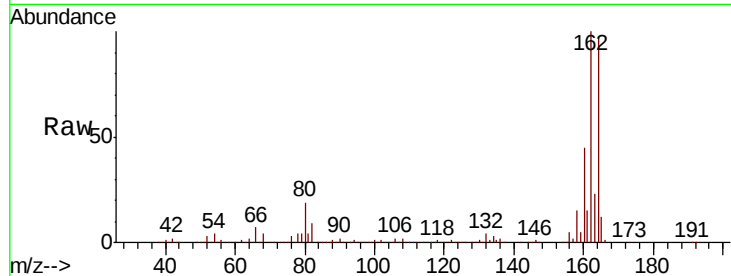




#57
 2,4-Dinitrotoluene
 Concen: 5.946 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.19 min
 Lab File: BF114959.D
 Acq: 11 Jun 2019 22:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.8	47.6#
89	1.3	54.2	81.2#
182	0.0	2.1	3.1#



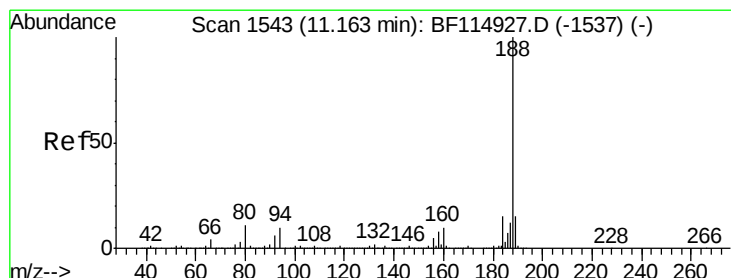
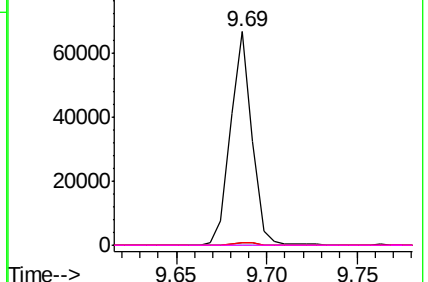
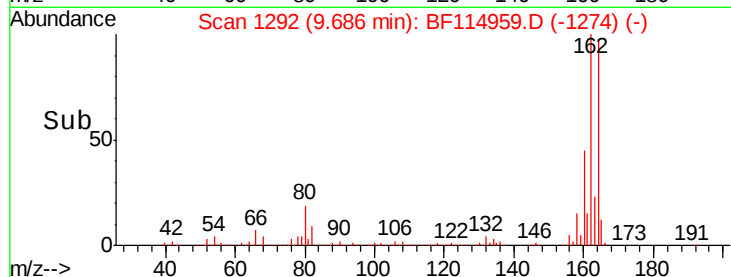
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

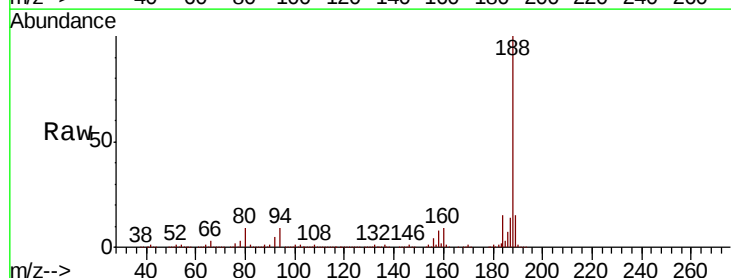
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF114959.D
 Acq: 11 Jun 2019 22:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.1	12.1
80	9.5	8.6	12.8

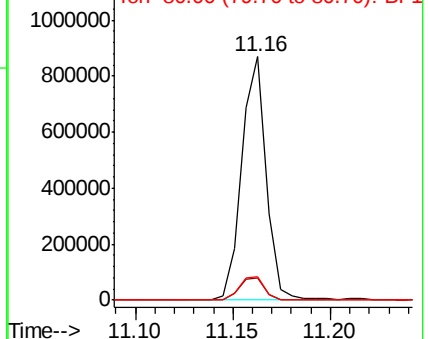
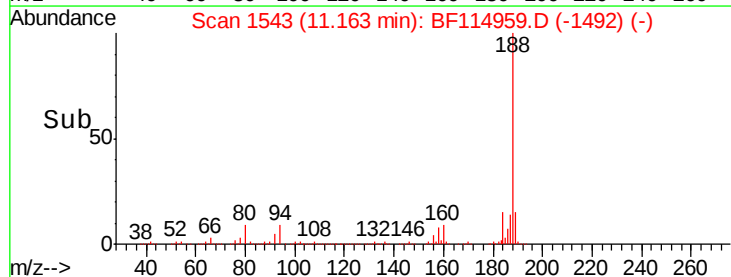


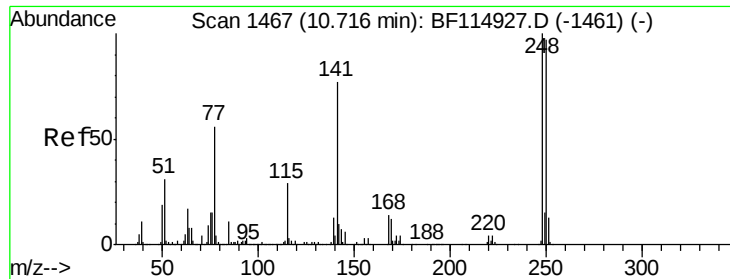
Abundance

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





#67

4-Bromophenyl-phenylether

Concen: 2.807 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.25 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

Instrument :

BNA_F

ClientSampleId :

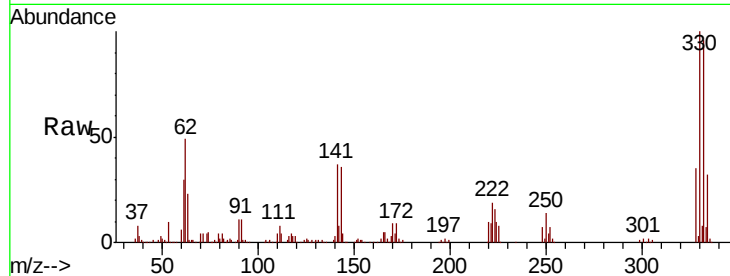
Tot Ion:248 Resp: 22957

Ion Ratio Lower Upper

248 100

250 206.3 77.4 116.0#

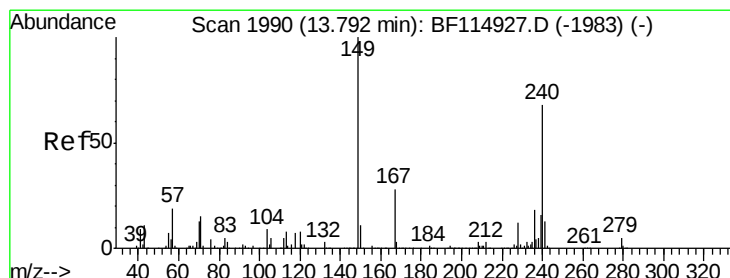
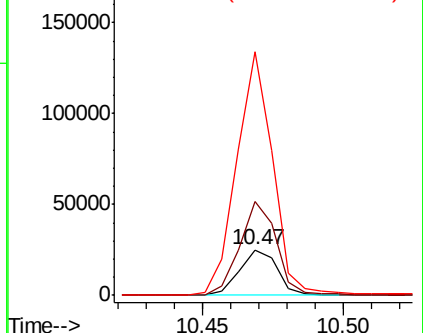
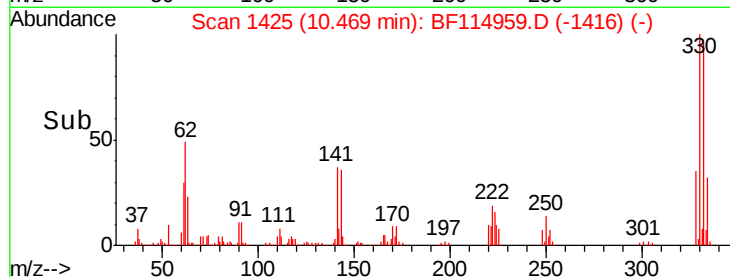
141 533.1 61.8 92.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

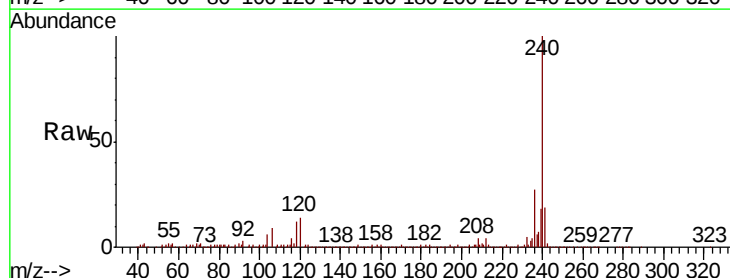
Tgt Ion:240 Resp: 565619

Ion Ratio Lower Upper

240 100

120 14.1 9.2 13.8#

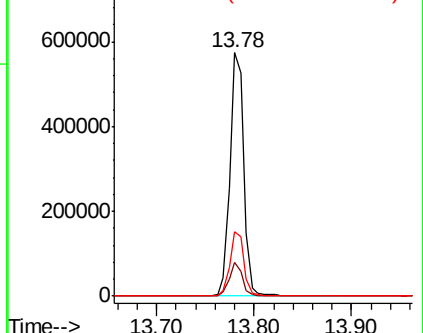
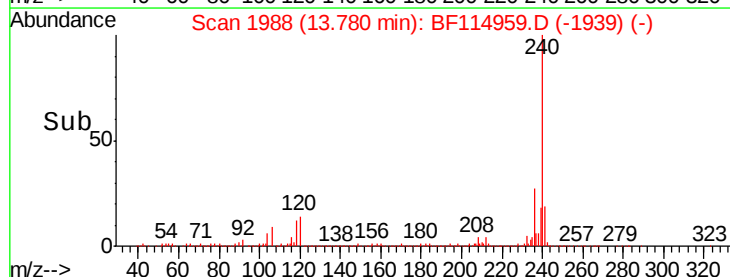
236 26.7 21.7 32.5

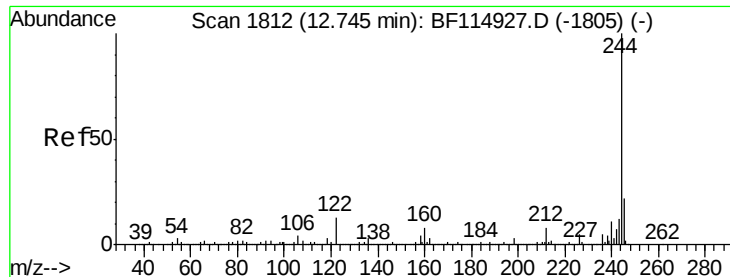


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.063 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

Instrument :

BNA_F

ClientSampleId :

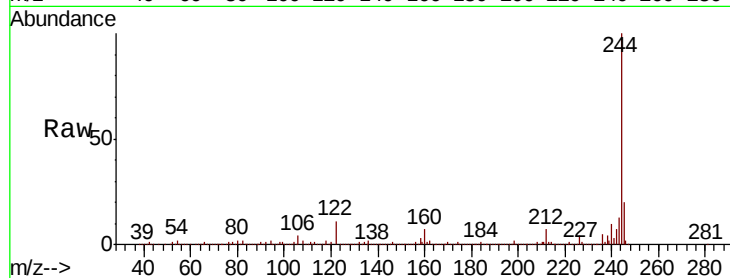
Tot Ion:244 Resp: 1566080

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

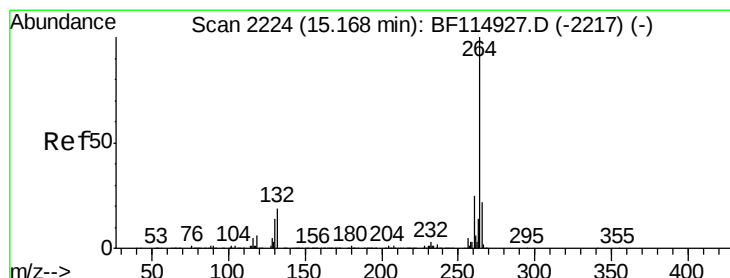
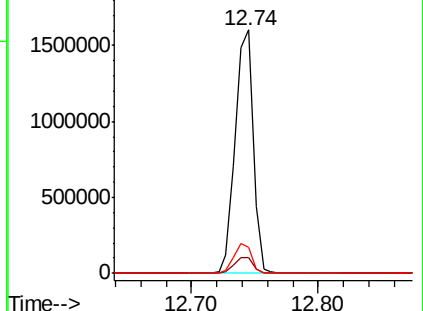
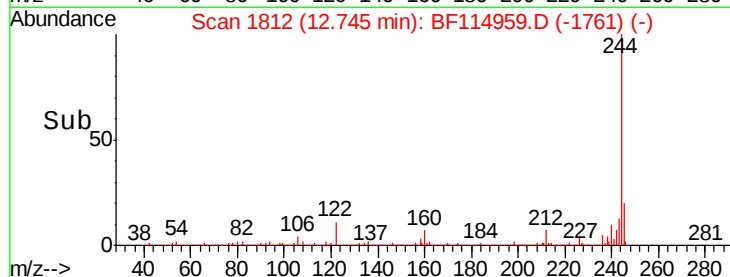
122 10.8 10.2 15.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114959.D

Acq: 11 Jun 2019 22:27

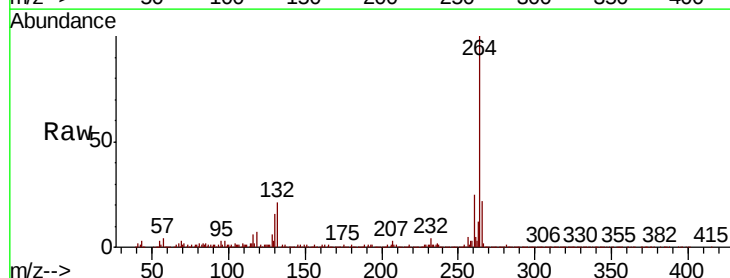
Tgt Ion:264 Resp: 494410

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.4 17.5 26.3



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

