

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114953.D
 Acq On : 11 Jun 2019 19:49
 Operator : HP/JU
 Sample : K3262-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:32:20 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

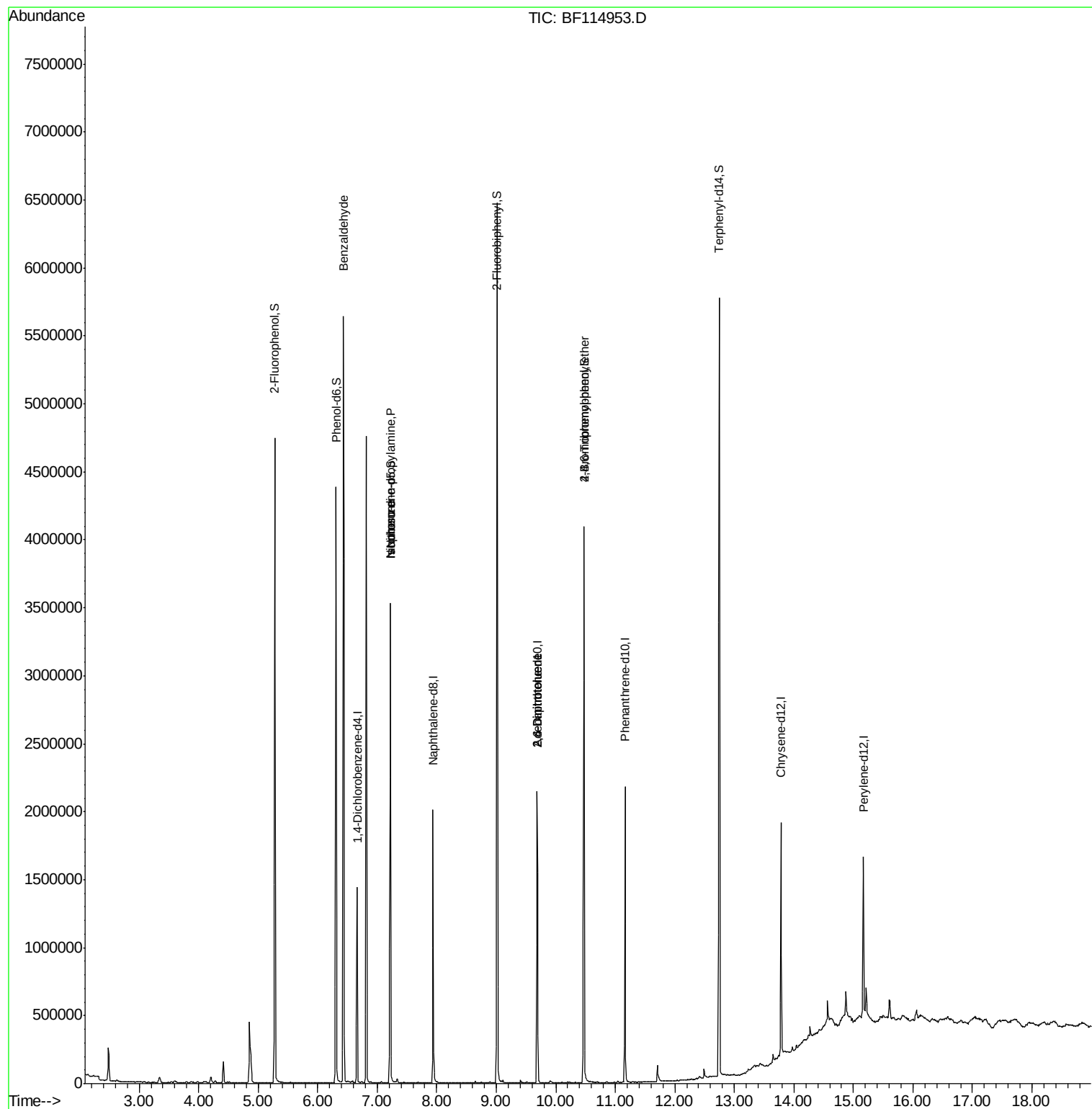
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	232791	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	886243	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	418344	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	754850	20.00	ng	0.00
76) Chrysene-d12	13.79	240	539523	20.00	ng	0.00
87) Perylene-d12	15.17	264	519400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1483676	107.86	ng	0.01
7) Phenol-d6	6.31	99	1627863	98.12	ng	0.00
23) Nitrobenzene-d5	7.22	82	1214379	84.19	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	512097	112.53	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2260972	85.77	ng	0.00
79) Terphenyl-d14	12.74	244	2125791	78.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	34439	3.243	ng	81
19) n-Nitroso-di-n-propylamine	7.22	70	158561	15.283	ng	# 78
25) Isophorone	7.22	82	1200937	42.518	ng	# 62
51) 2,6-Dinitrotoluene	9.69	165	54594	7.560	ng	# 29
57) 2,4-Dinitrotoluene	9.69	165	54594	5.981	ng	# 26
67) 4-Bromophenyl-phenylether	10.47	248	34022	4.161	ng	# 1

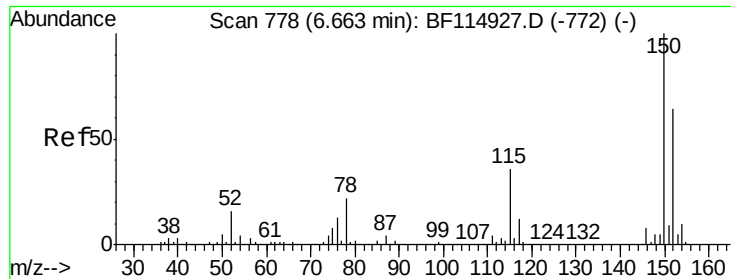
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 04:32:20 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



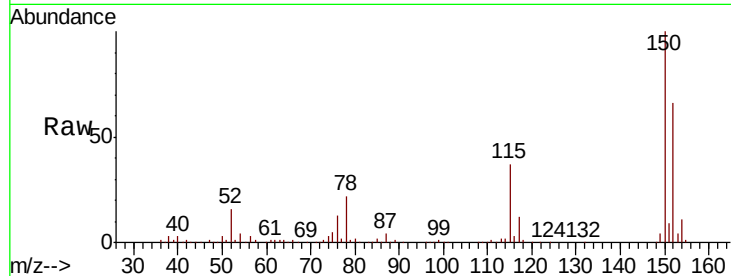


#1

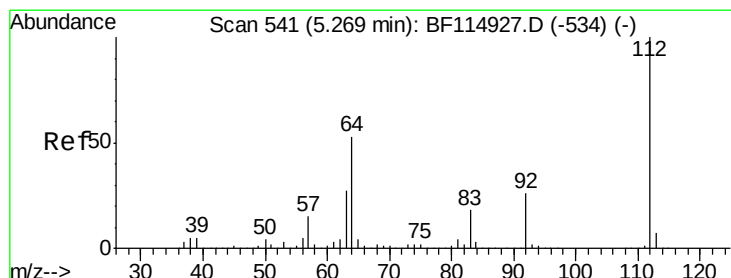
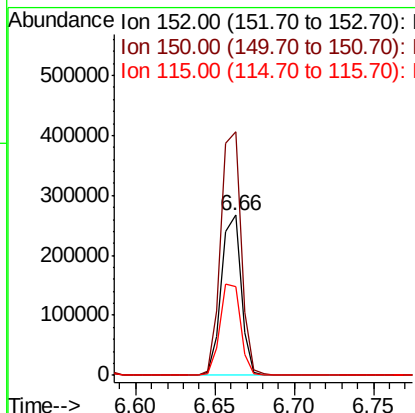
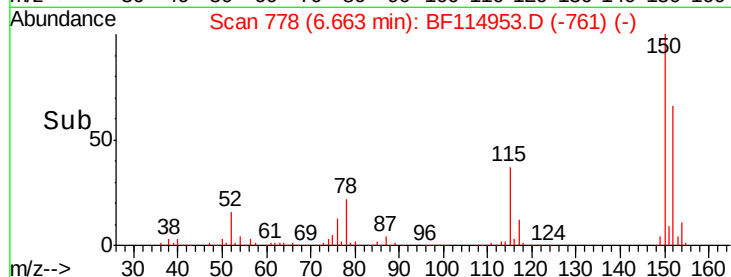
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 232791
Ion Ratio Lower Upper
152 100
150 151.9 125.2 187.8
115 55.7 45.0 67.4



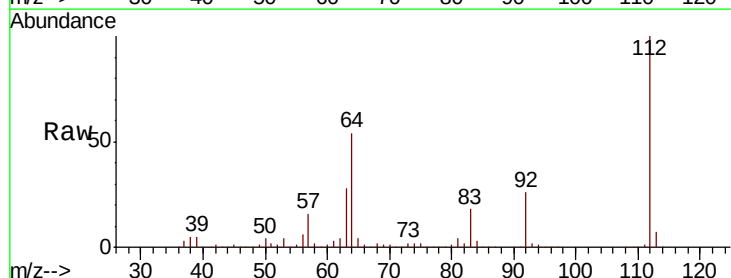
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



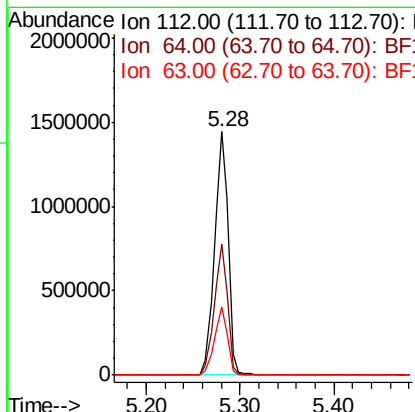
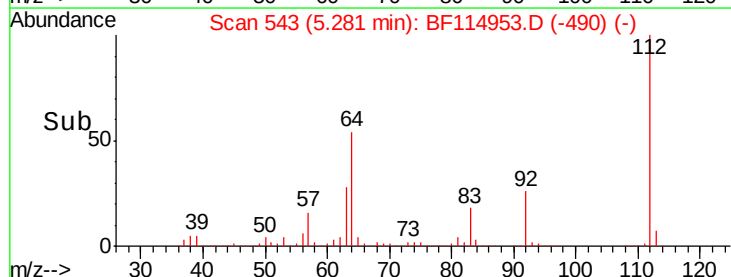
#5

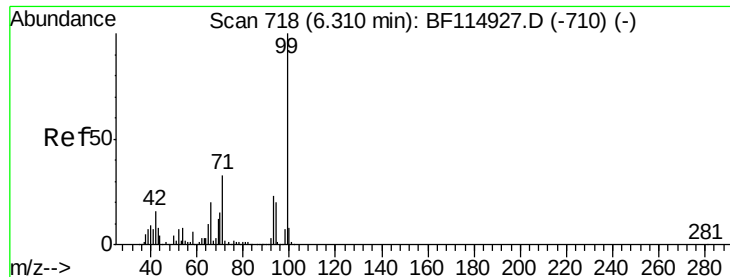
2-Fluorophenol
Concen: 107.865 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion:112 Resp: 1483676
Ion Ratio Lower Upper
112 100
64 53.9 42.1 63.1
63 28.0 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: 98.117 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114953.D

Acq: 11 Jun 2019 19:49

Instrument :

BNA_F

ClientSampleId :

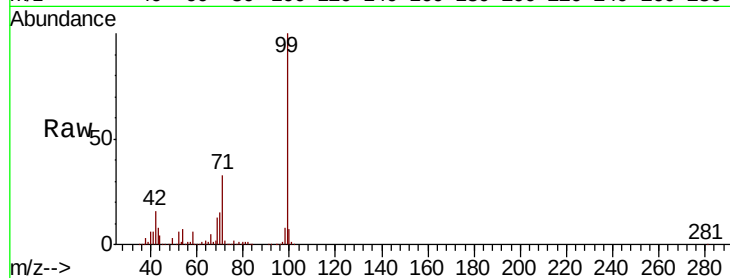
Tot Ion: 99 Resp: 1627863

Ion Ratio Lower Upper

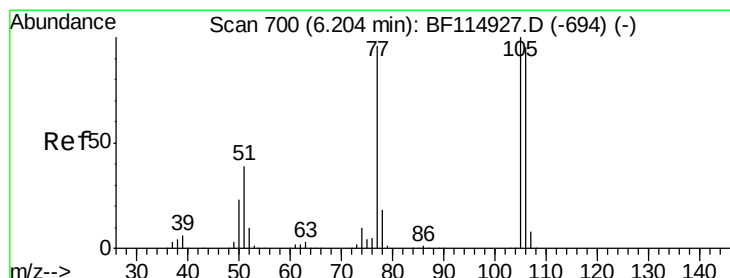
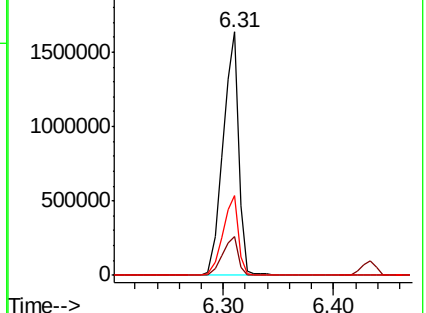
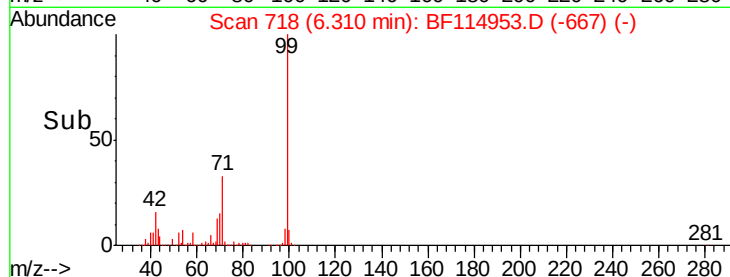
99 100

42 16.1 13.1 19.7

71 32.9 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: 3.243 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.23 min

Lab File: BF114953.D

Acq: 11 Jun 2019 19:49

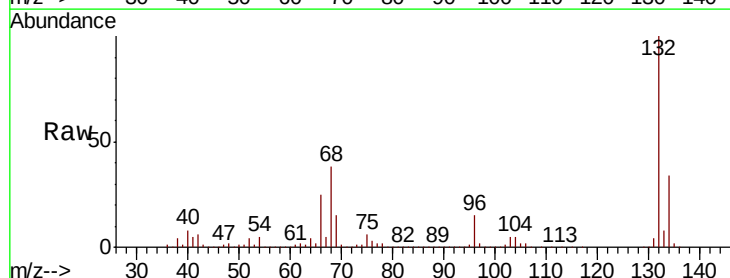
Tgt Ion: 77 Resp: 34439

Ion Ratio Lower Upper

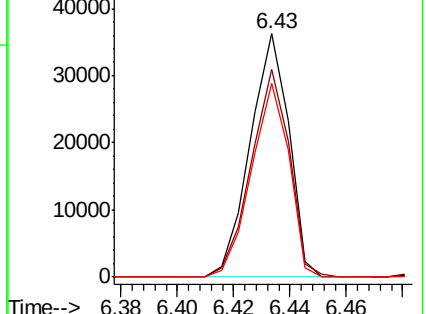
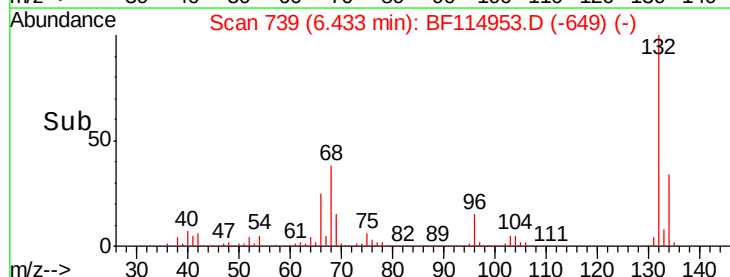
77 100

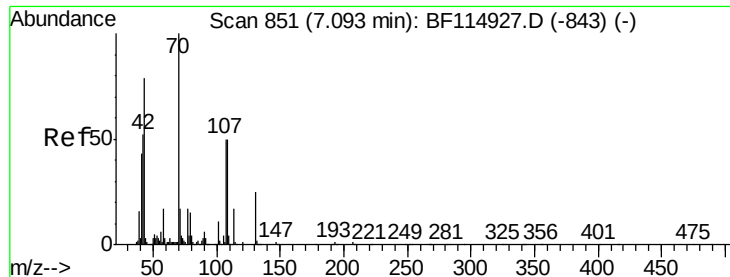
105 85.2 84.5 124.5

106 79.6 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

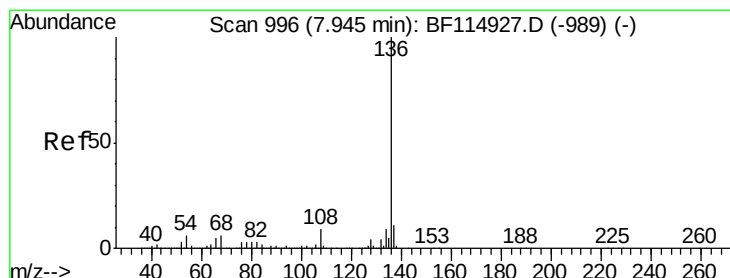
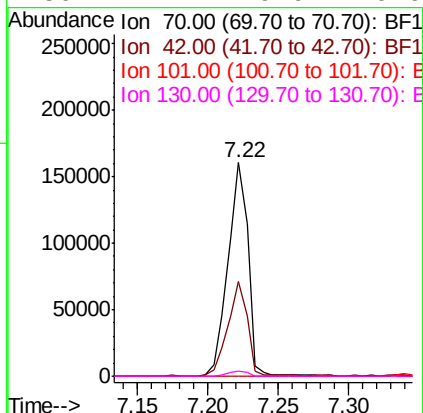
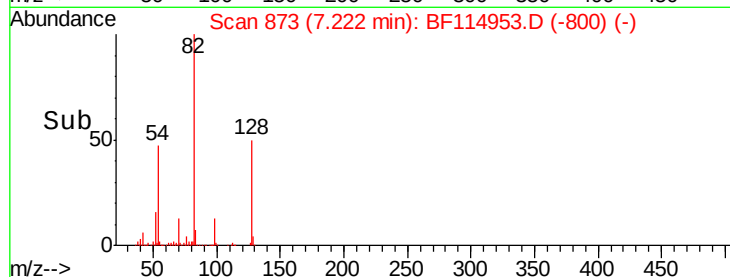
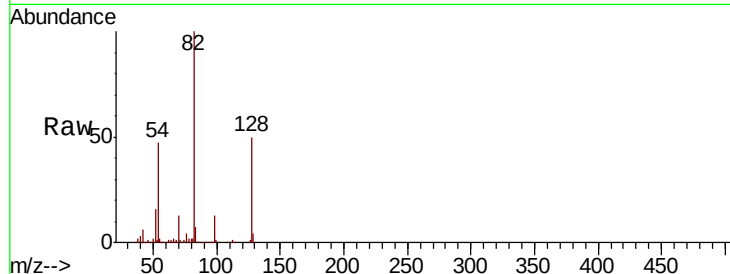




#19
n-Nitroso-di-n-propylamine
Concen: 15.283 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

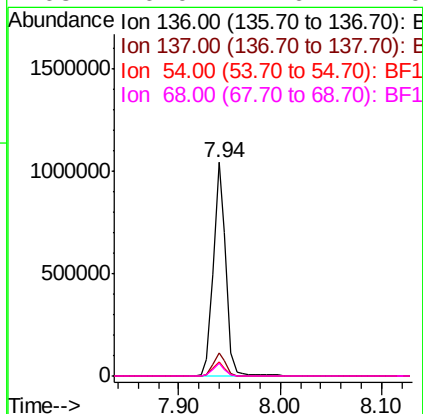
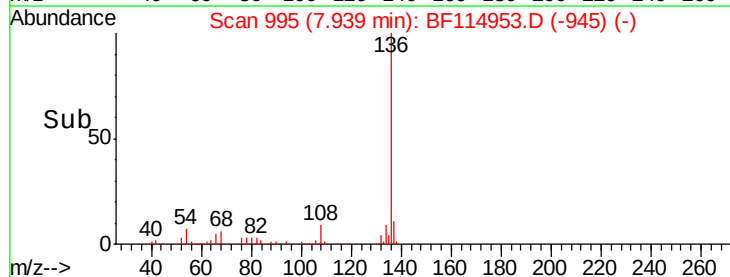
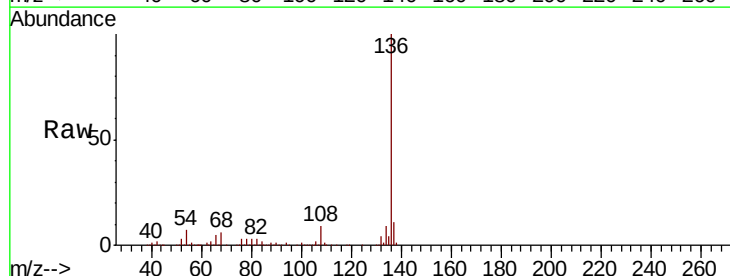
Instrument :
BNA_F
ClientSampled :

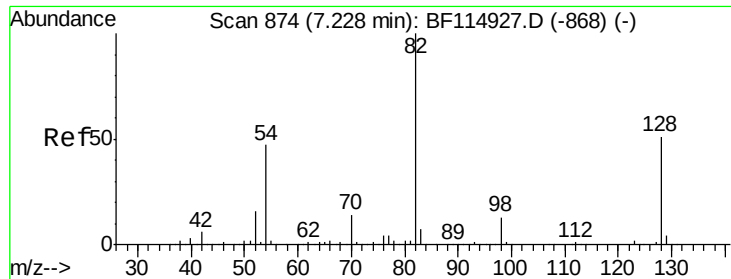
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	41.7	62.5
101	0.0	8.4	12.6#
130	2.7	19.9	29.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.8	5.2	7.8
68	6.0	4.6	7.0

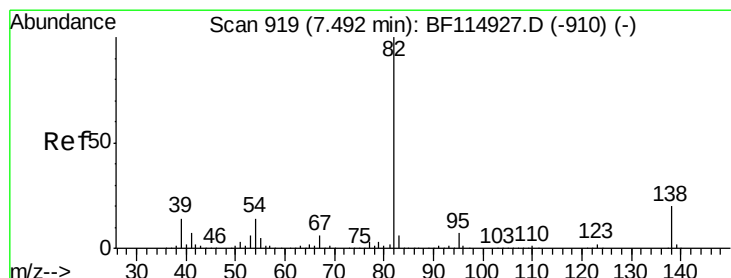
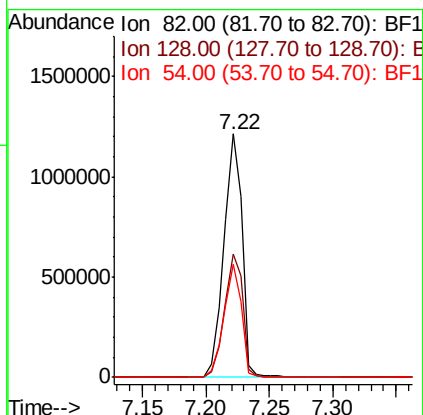
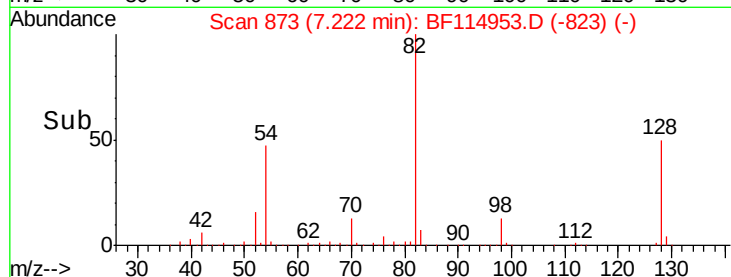
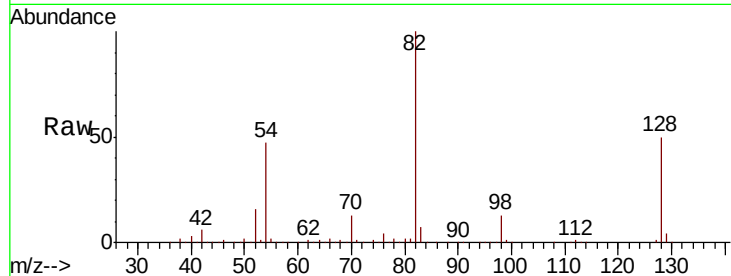




#23
Nitrobenzene-d5
Concen: 84.191 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

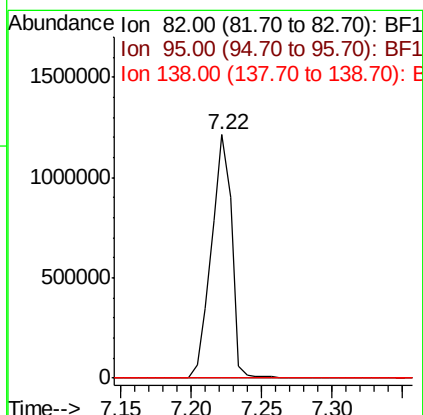
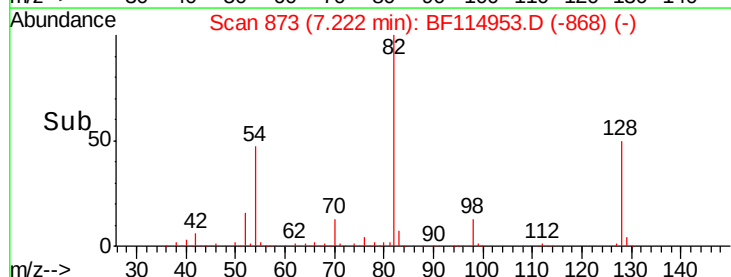
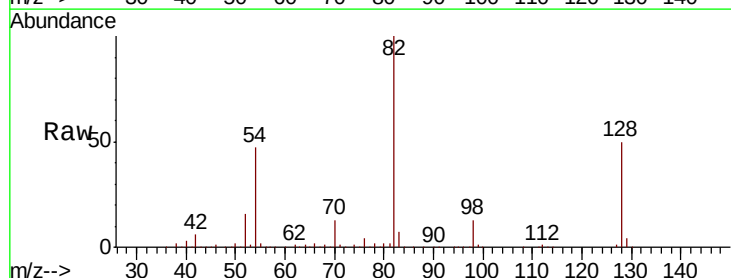
Instrument :
BNA_F
ClientSampleId :

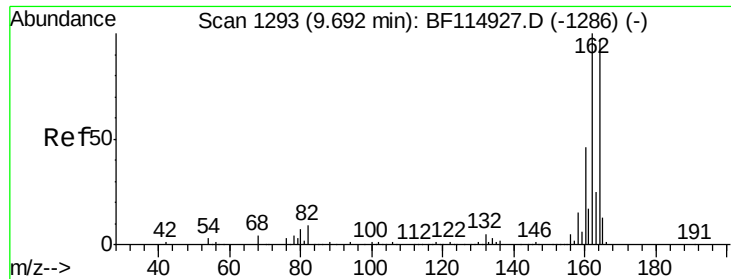
Tot Ion: 82 Resp: 1214379
Ion Ratio Lower Upper
82 100
128 50.4 40.9 61.3
54 46.7 37.4 56.0



#25
Isophorone
Concen: 42.518 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.27 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion: 82 Resp: 1200937
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.4 24.6#

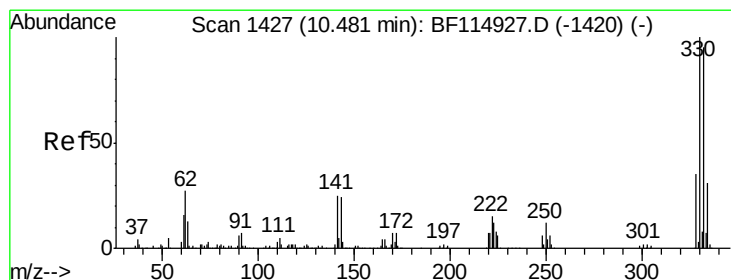
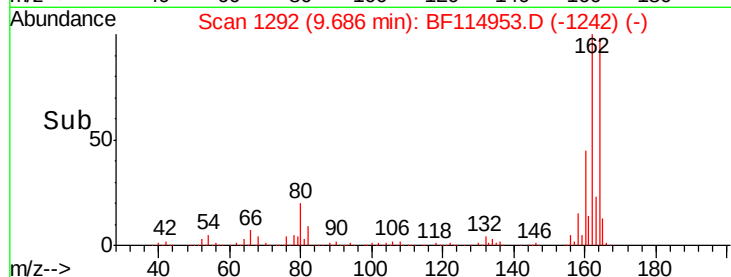
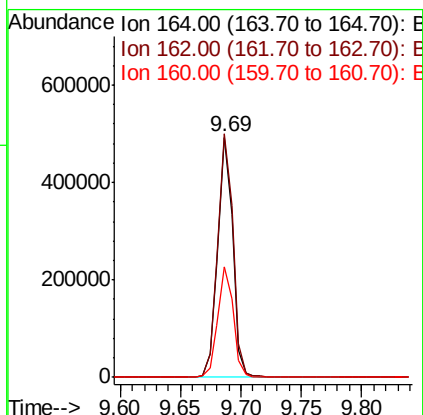
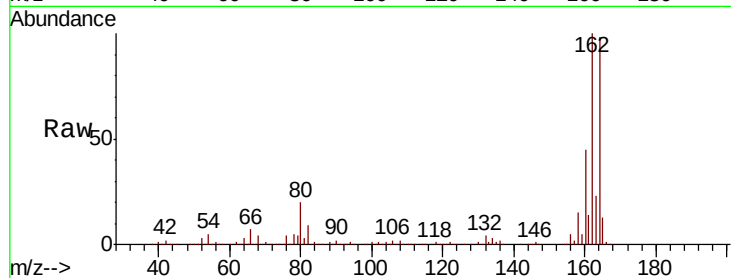




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

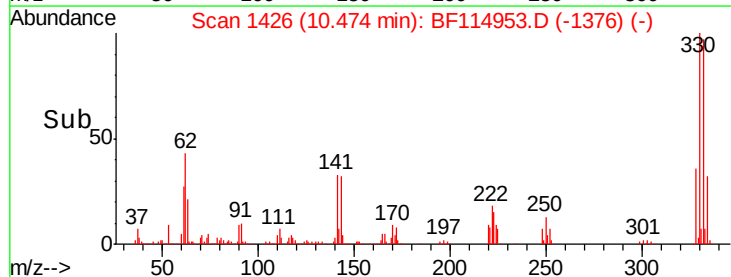
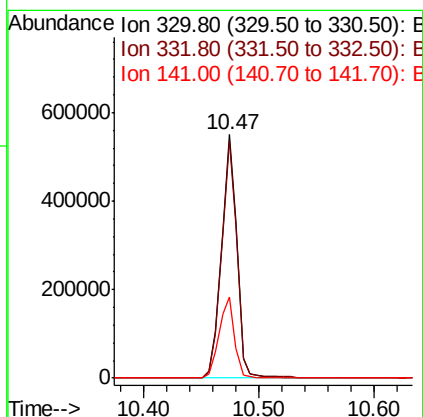
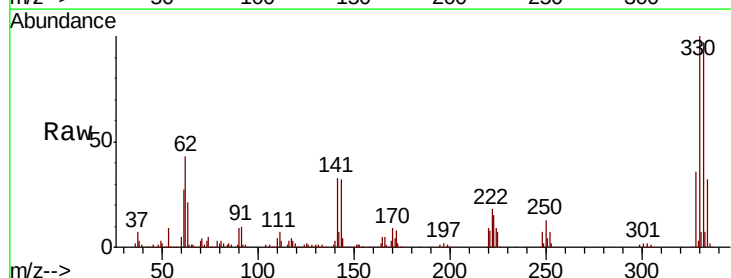
Instrument :
BNA_F
ClientSampleId :

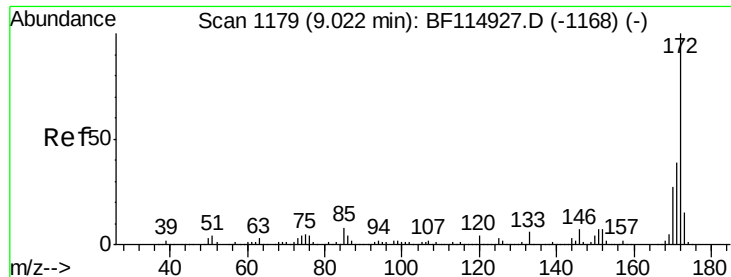
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	45.9	37.5	56.3



#42
2,4,6-Tribromophenol
Concen: 112.529 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	33.7	26.8	40.2

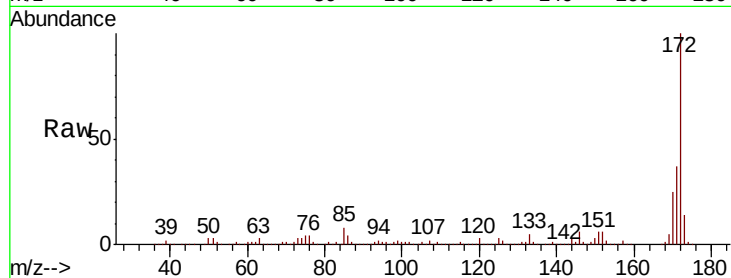




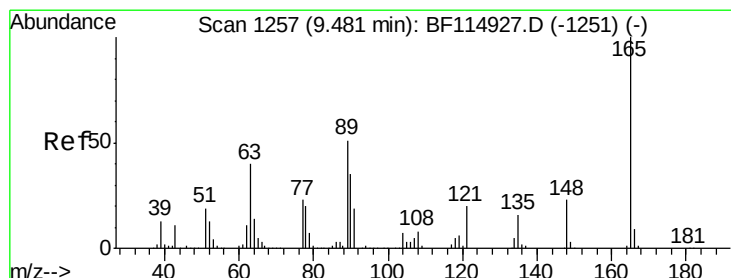
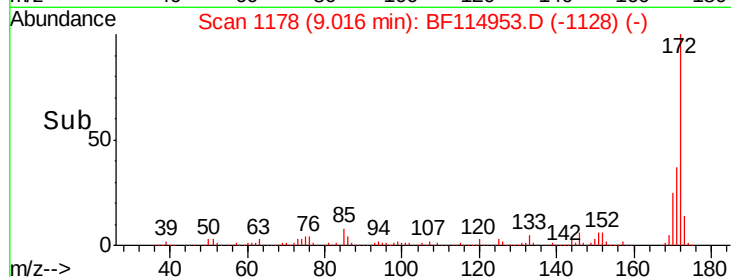
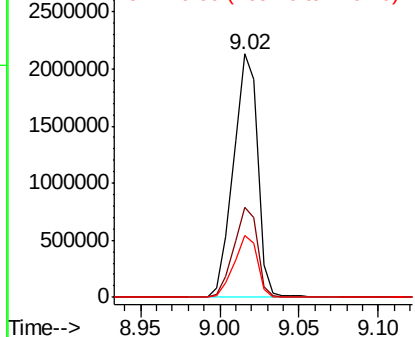
#45
2-Fluorobiphenyl
Concen: 85.774 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2260972
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 25.3 21.4 32.0

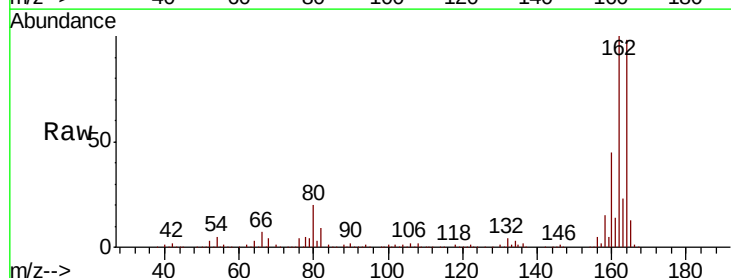


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

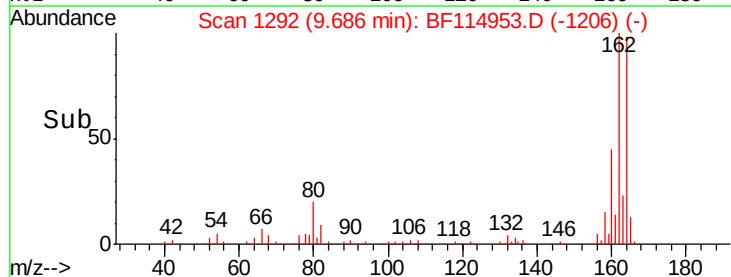
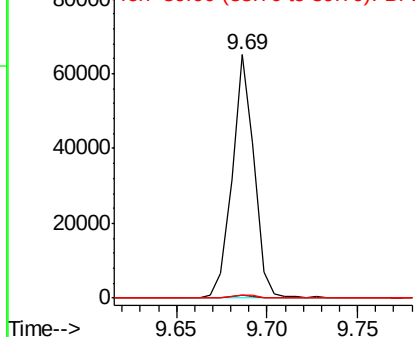


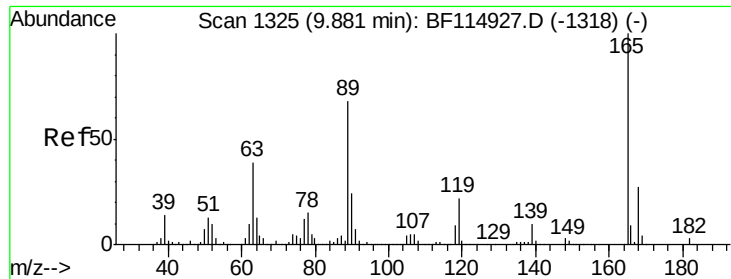
#51
2,6-Dinitrotoluene
Concen: 7.560 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion:165 Resp: 54594
Ion Ratio Lower Upper
165 100
63 1.1 38.3 57.5#
89 1.1 40.8 61.2#



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

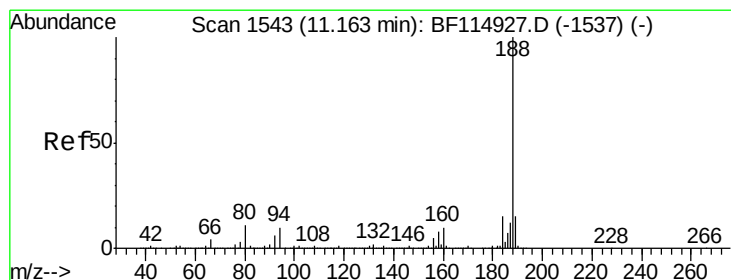
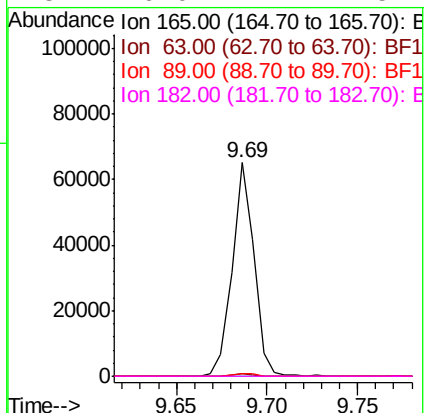
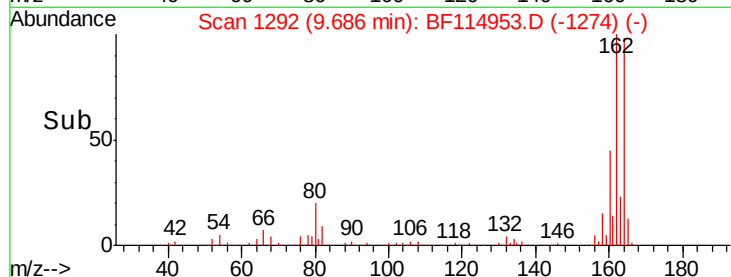
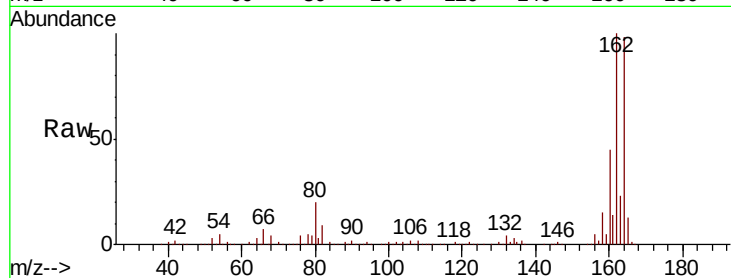




#57
 2,4-Dinitrotoluene
 Concen: 5.981 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.19 min
 Lab File: BF114953.D
 Acq: 11 Jun 2019 19:49

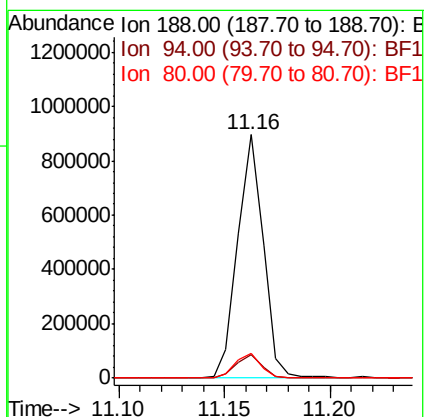
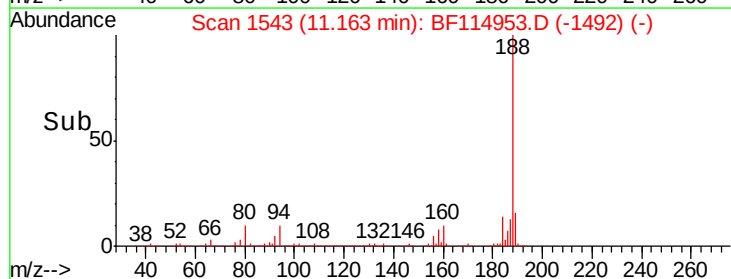
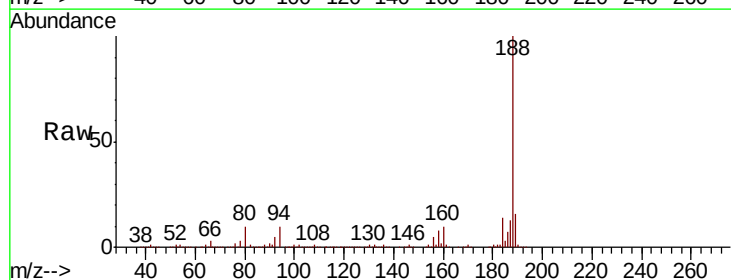
Instrument :
 BNA_F
 ClientSampleId :

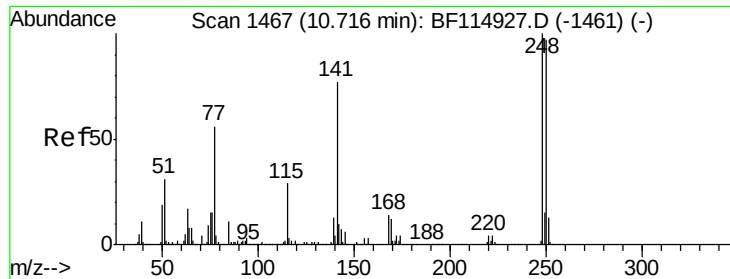
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.8	47.6#
89	1.1	54.2	81.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF114953.D
 Acq: 11 Jun 2019 19:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	9.9	8.6	12.8

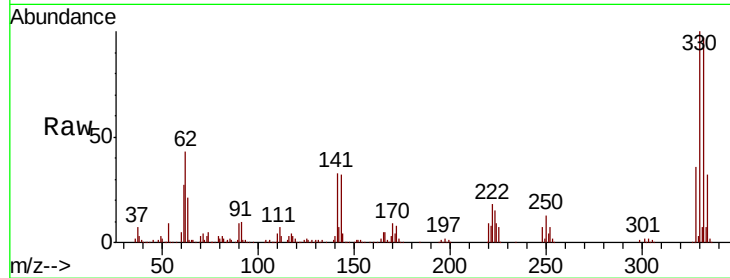




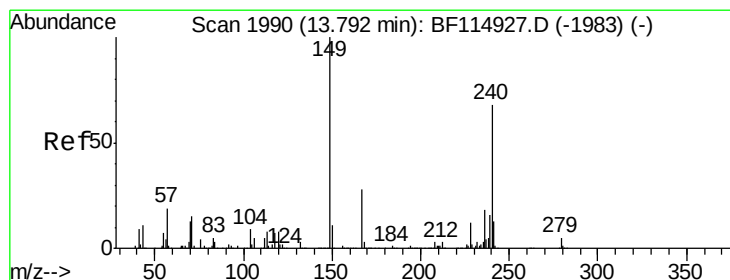
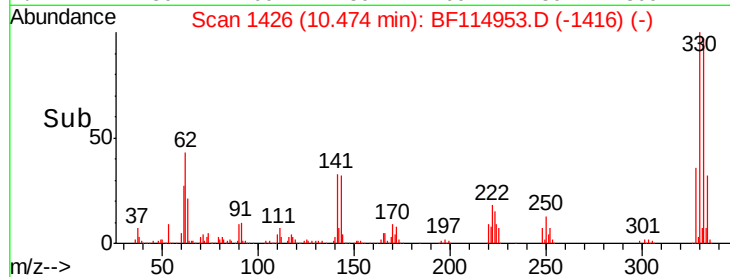
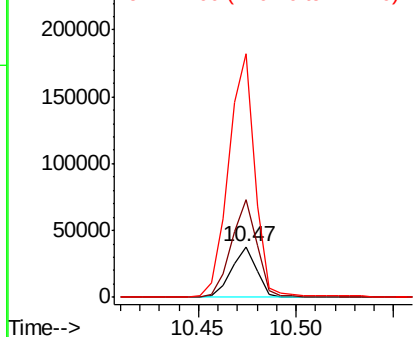
#67
4-Bromophenyl-phenylether
Concen: 4.161 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.24 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 34022
Ion Ratio Lower Upper
248 100
250 191.9 77.4 116.0#
141 479.4 61.8 92.6#

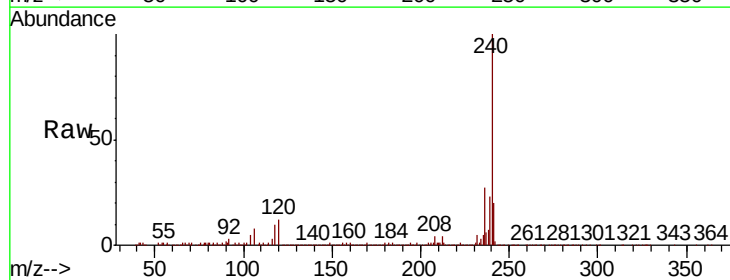


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

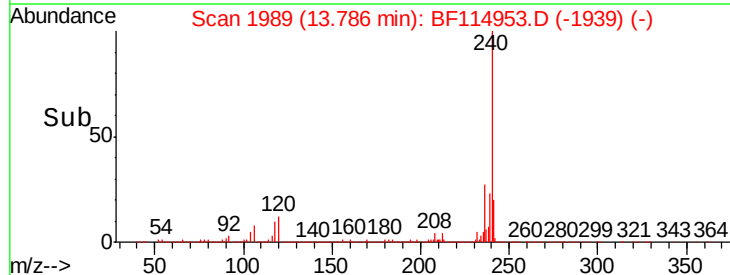
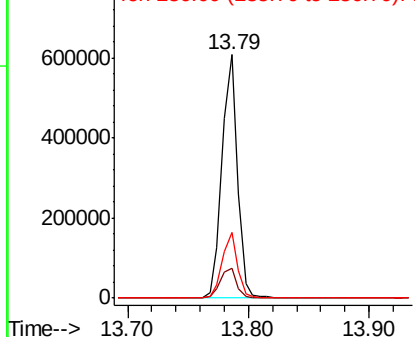


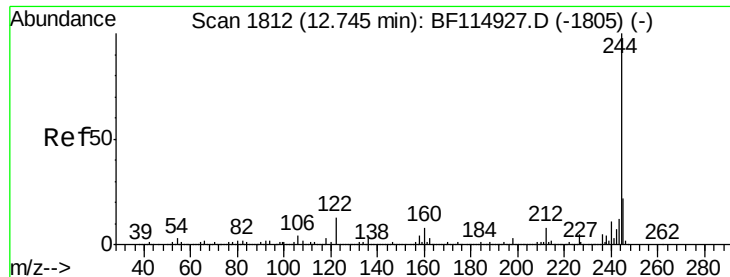
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114953.D
Acq: 11 Jun 2019 19:49

Tgt Ion:240 Resp: 539523
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 27.2 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: 78.358 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF114953.D

Acq: 11 Jun 2019 19:49

Instrument :

BNA_F

ClientSampled :

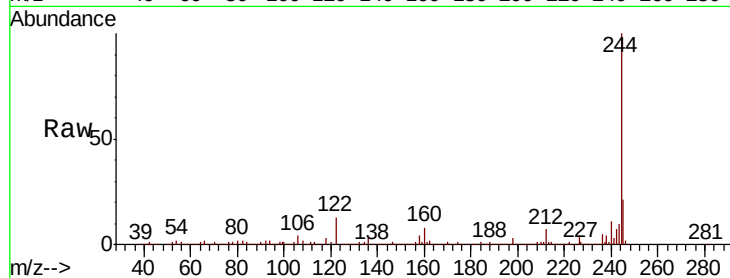
Tot Ion:244 Resp: 2125791

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

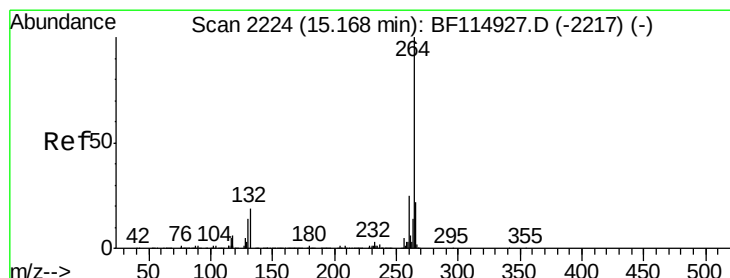
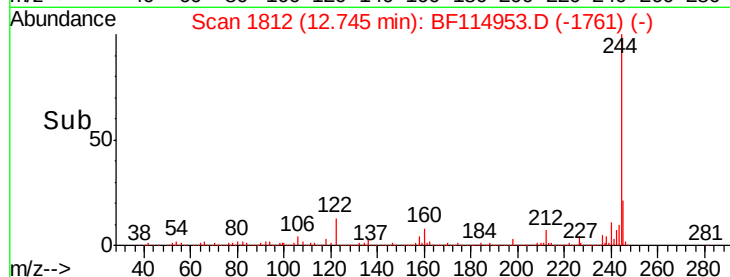
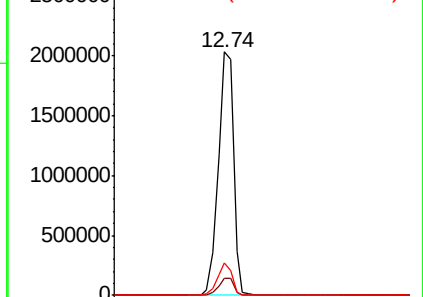
122 13.4 10.2 15.4



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: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF114953.D

Acq: 11 Jun 2019 19:49

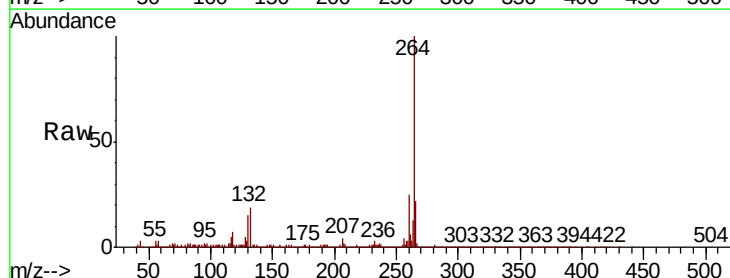
Tgt Ion:264 Resp: 519400

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.6 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

