

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114722.D
 Acq On : 31 May 2019 22:21
 Operator : HP/JU
 Sample : K3037-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190523

Quant Time: Jun 01 00:27:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	417597	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1576813	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	784450	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1429404	20.00	ng	0.00
76) Chrysene-d12	13.81	240	959097	20.00	ng	0.00
87) Perylene-d12	15.20	264	836891	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1434193	60.30	ng	0.01
7) Phenol-d6	6.32	99	1132817	39.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	2229560	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	979566	131.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3780243	91.80	ng	0.00
79) Terphenyl-d14	12.78	244	3741903	73.35	ng	0.00

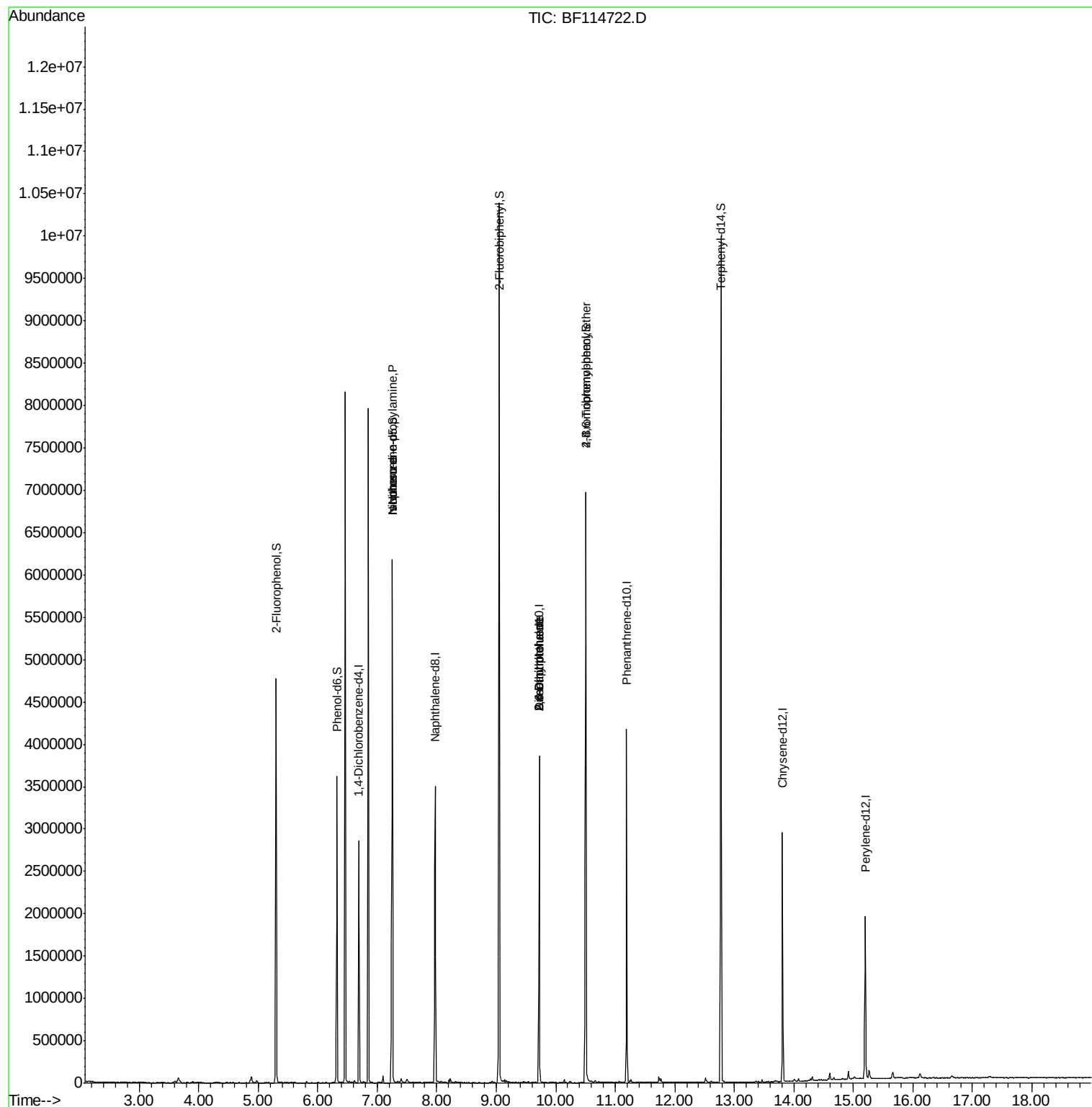
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1894	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	307330	15.534	ng	# 75
25) Isophorone	7.26	82	2152591	42.439	ng	# 63
50) Dimethylphthalate	9.72	163	222785	4.076	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	100679	7.927	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	100679	6.176	ng	# 23
58) Fluorene	10.50	166	41712	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.50	248	63518	4.144	ng	# 1
74) Di-n-butylphthalate	11.76	149	16944	Below Cal		97

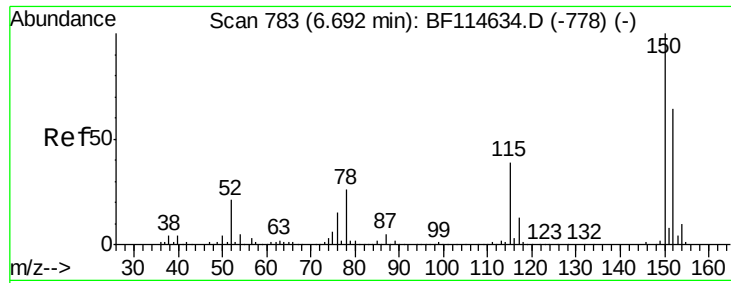
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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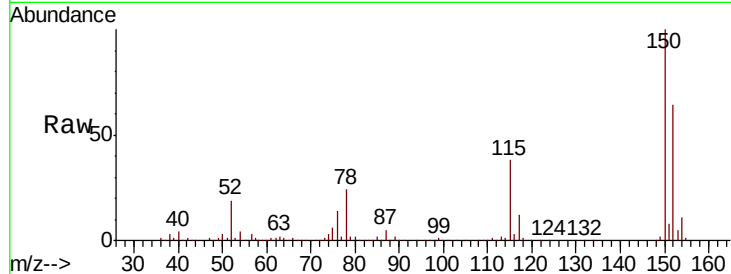


#1

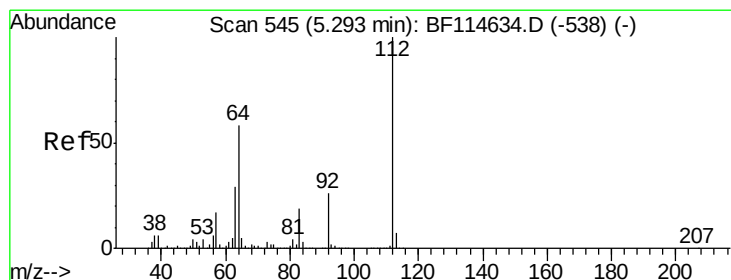
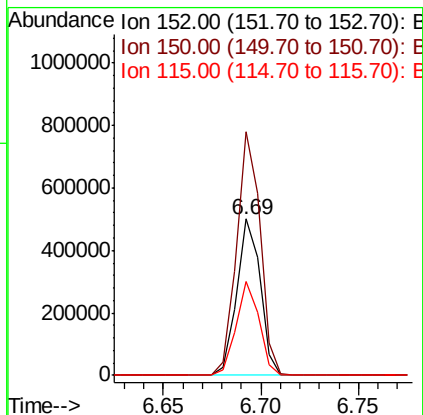
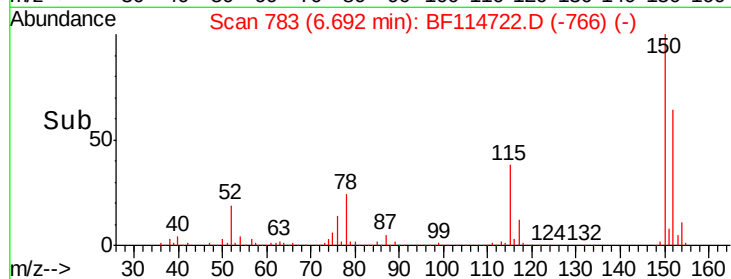
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:152 Resp: 417597
Ion Ratio Lower Upper
152 100
150 156.1 124.4 186.6
115 59.9 48.7 73.1



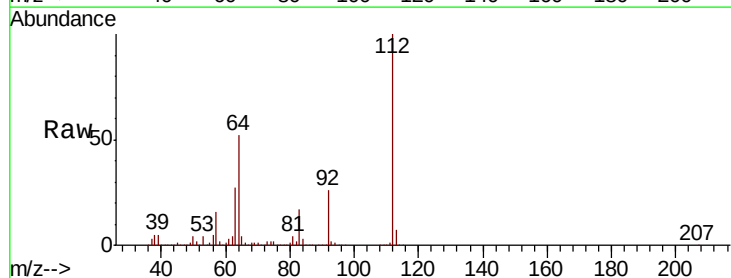
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



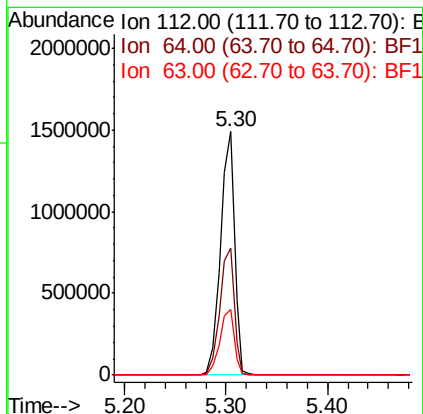
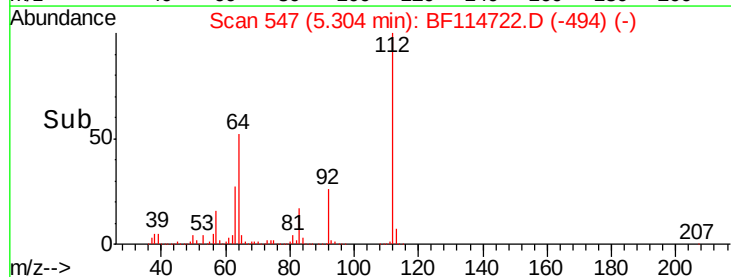
#5

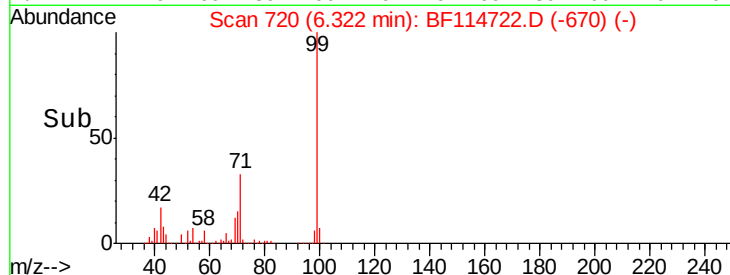
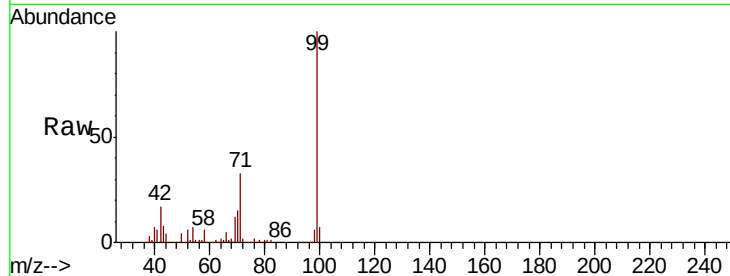
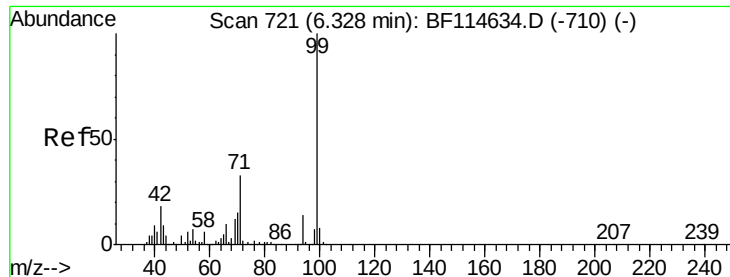
2-Fluorophenol
Concen: 60.298 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:112 Resp: 1434193
Ion Ratio Lower Upper
112 100
64 52.1 46.1 69.1
63 26.8 23.4 35.2



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: 39.523 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

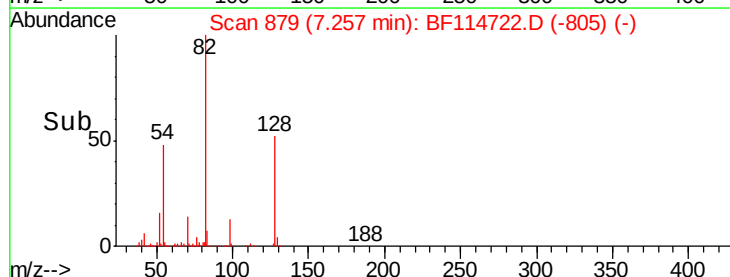
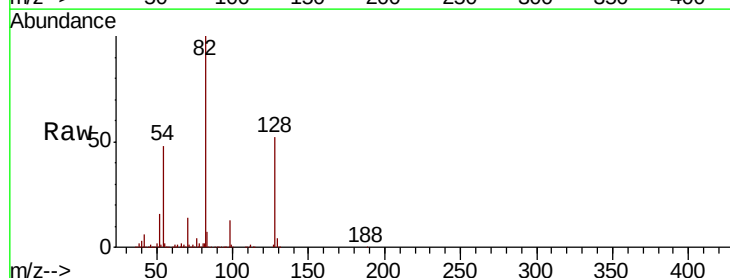
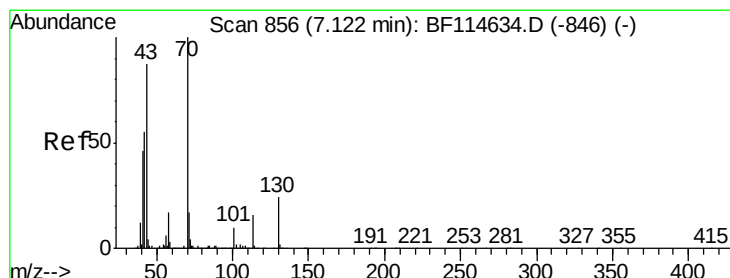
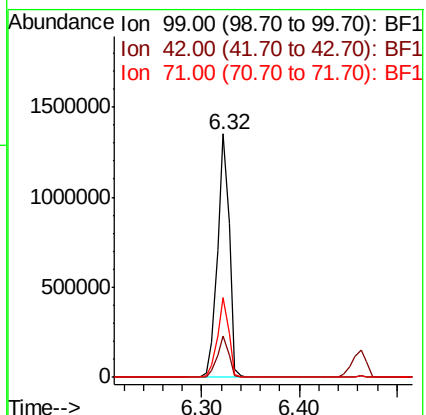
Tgt Ion: 99 Resp: 1132817

Ion Ratio Lower Upper

99 100

42 16.8 14.7 22.1

71 32.8 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.534 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Tgt Ion: 70 Resp: 307330

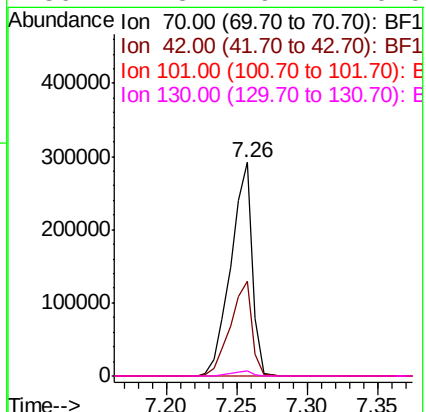
Ion Ratio Lower Upper

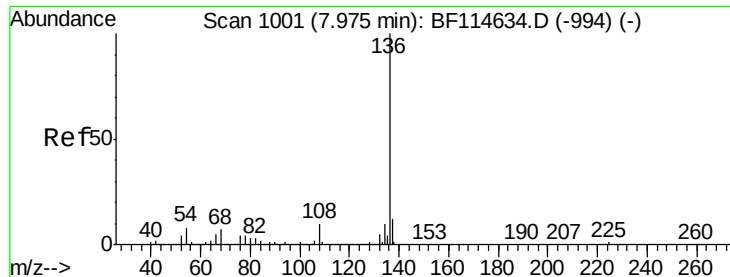
70 100

42 44.1 44.4 66.6#

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#

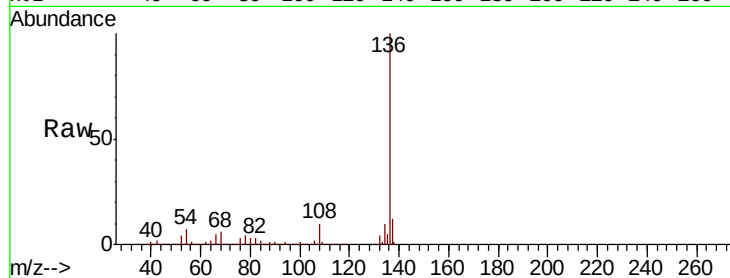




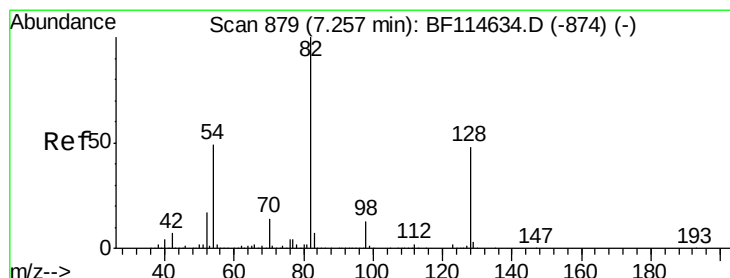
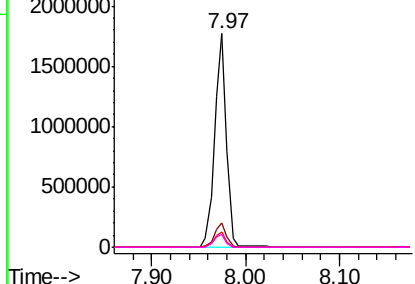
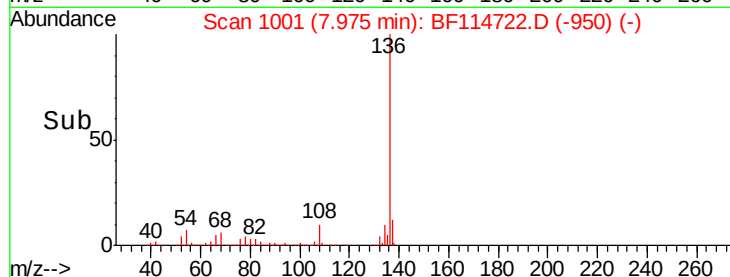
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tgt Ion:	136	Resp:	1576813
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.0	6.3	9.5
68	5.9	5.4	8.0

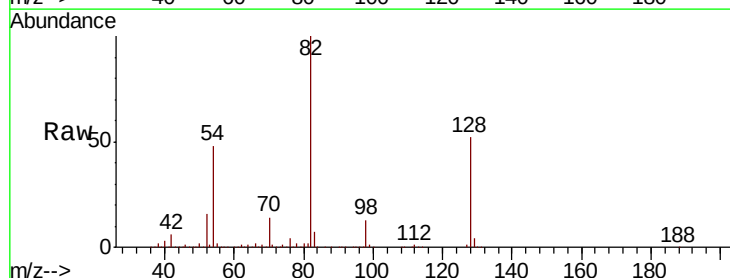


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

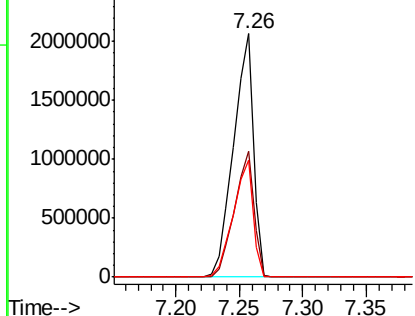
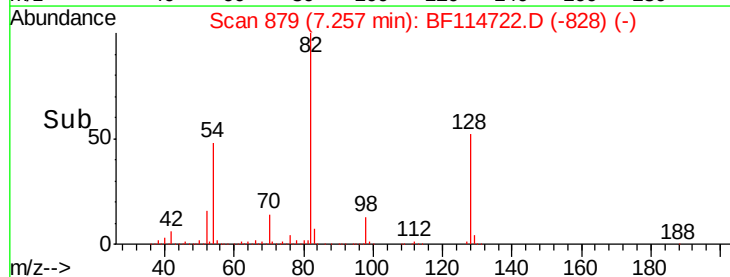


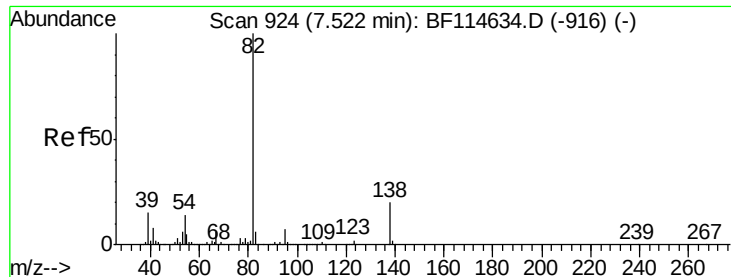
#23
Nitrobenzene-d5
Concen: 88.216 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:	82	Resp:	2229560
Ion	Ratio	Lower	Upper
82	100		
128	51.8	38.5	57.7
54	48.3	39.1	58.7



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





#25

Isophorone

Concen: 42.439 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

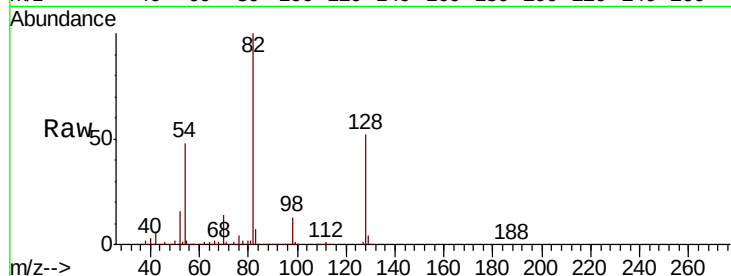
Tgt Ion: 82 Resp: 2152591

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

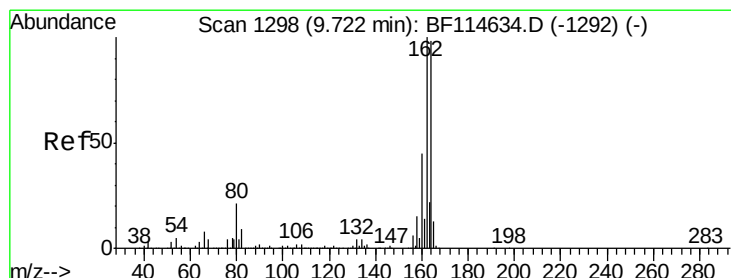
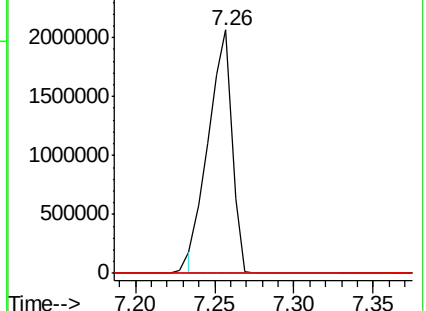
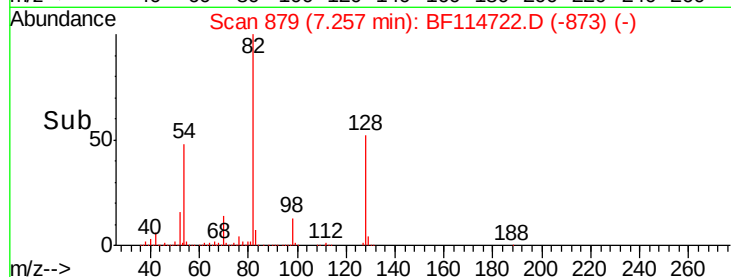
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

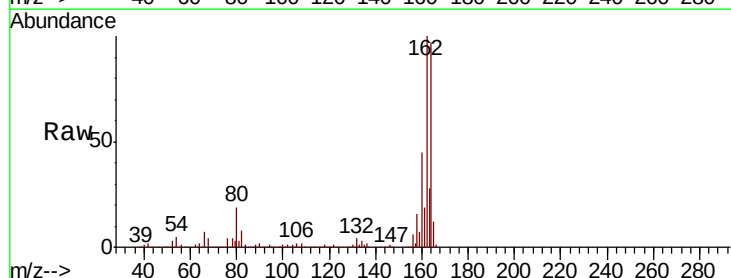
Tgt Ion: 164 Resp: 784450

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

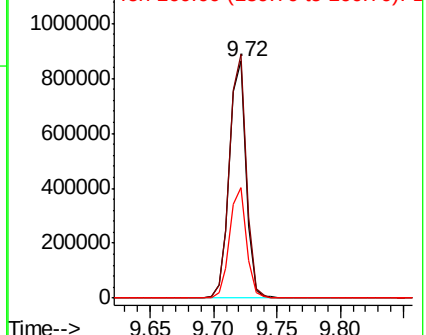
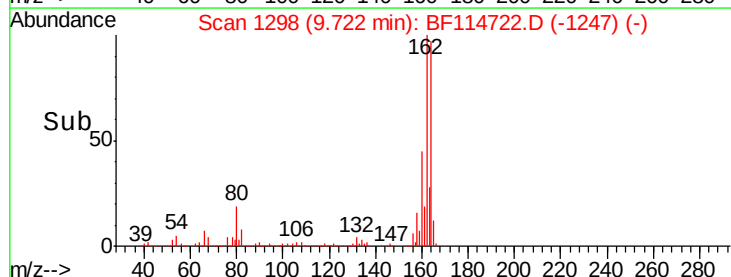
160 46.7 36.6 54.8

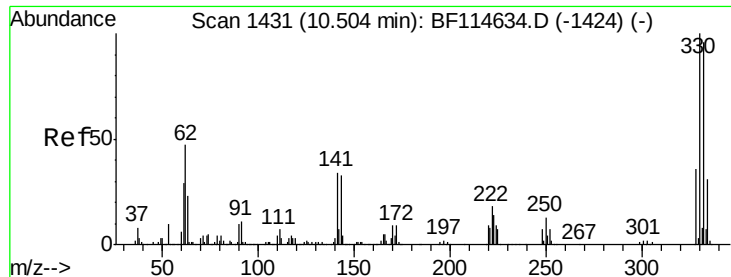


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

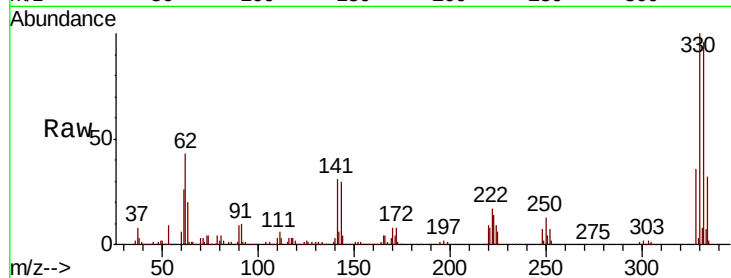




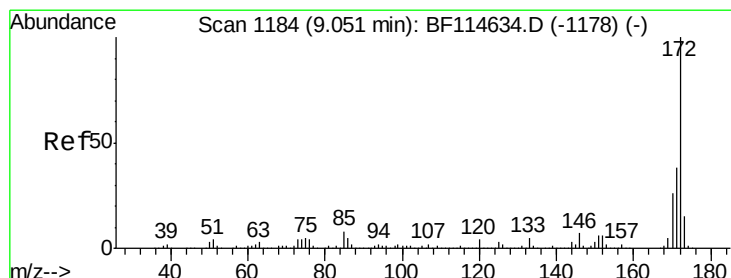
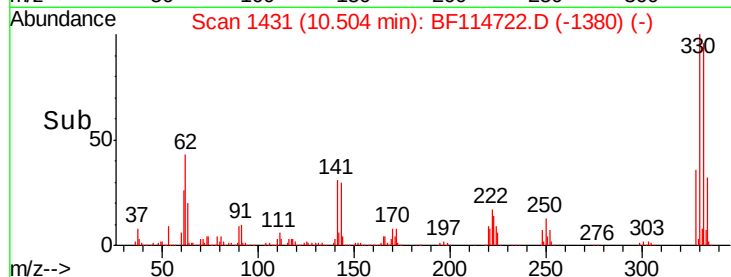
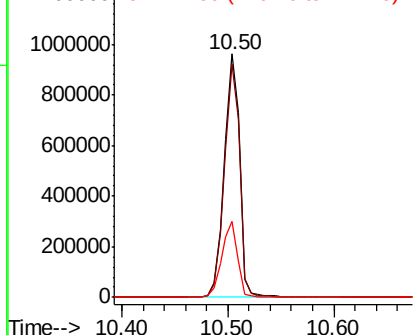
#42
 2,4,6-Tribromophenol
 Concen: 131.053 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190523

Tgt Ion:330 Resp: 979566
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.8
 141 31.8 27.8 41.8

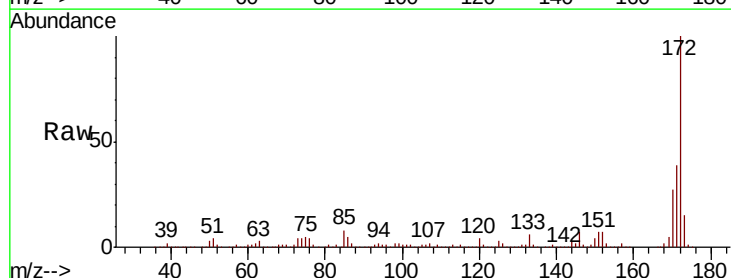


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

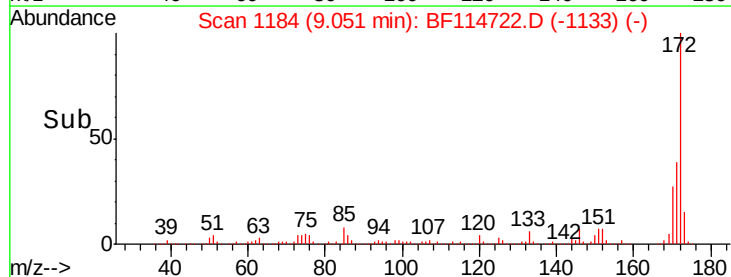
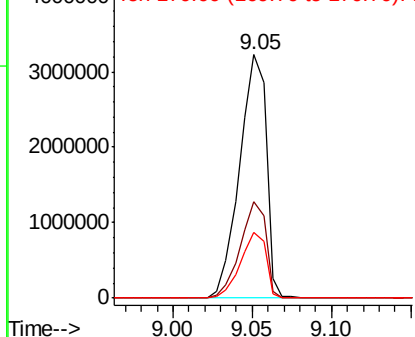


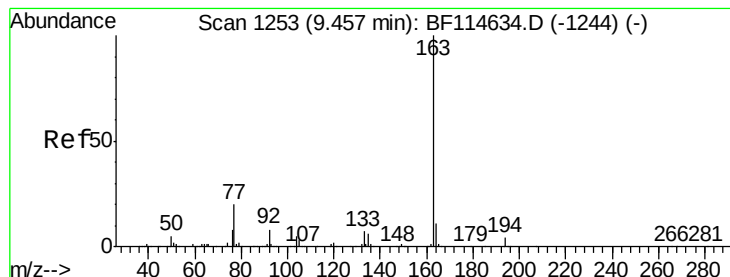
#45
 2-Fluorobiphenyl
 Concen: 91.805 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

Tgt Ion:172 Resp: 3780243
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.6 45.8
 170 27.1 20.7 31.1



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: 4.076 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

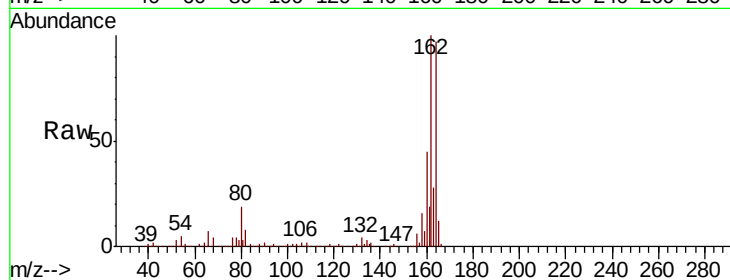
Tgt Ion:163 Resp: 222785

Ion Ratio Lower Upper

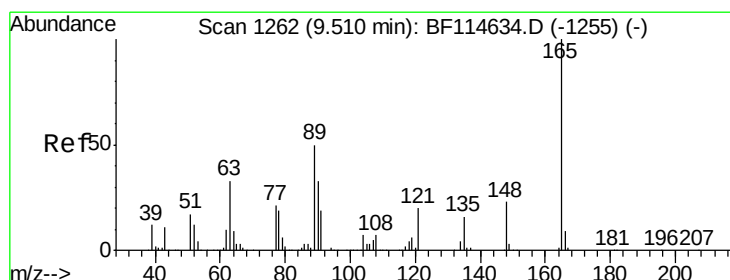
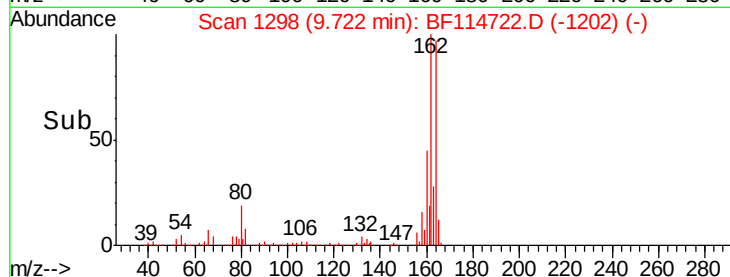
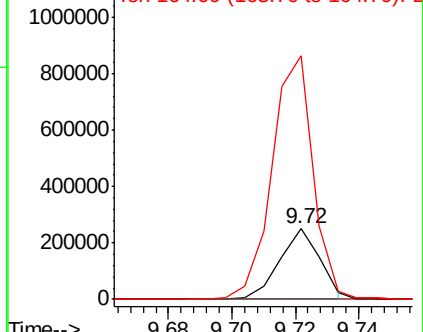
163 100

194 0.0 3.4 5.0#

164 344.8 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.927 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

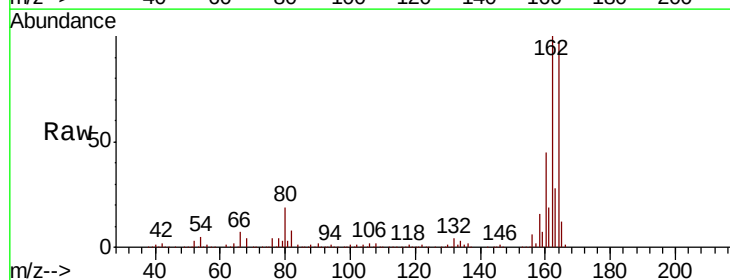
Tgt Ion:165 Resp: 100679

Ion Ratio Lower Upper

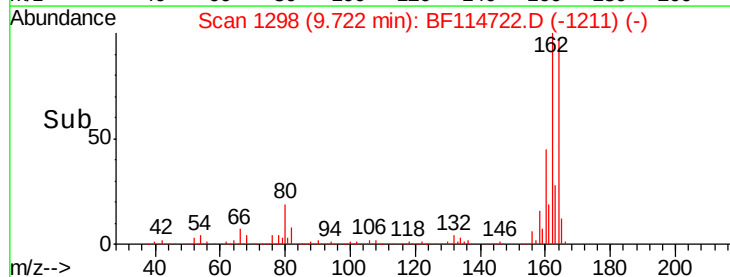
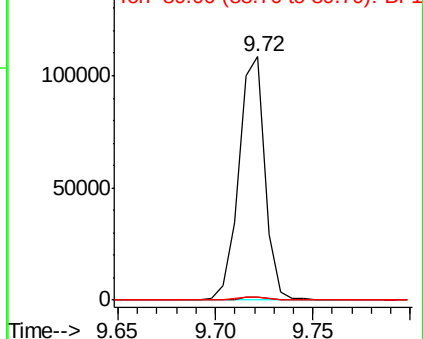
165 100

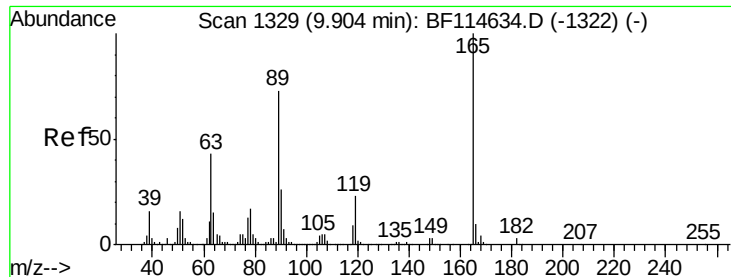
63 1.1 36.6 54.8#

89 1.4 40.2 60.4#



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

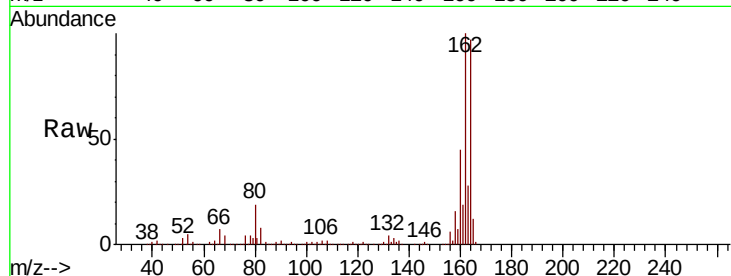




#57
 2,4-Dinitrotoluene
 Concen: 6.176 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190523

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#

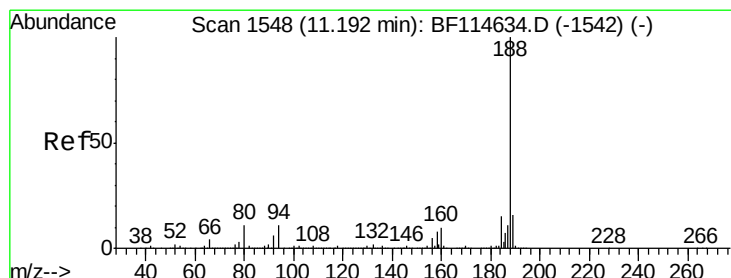
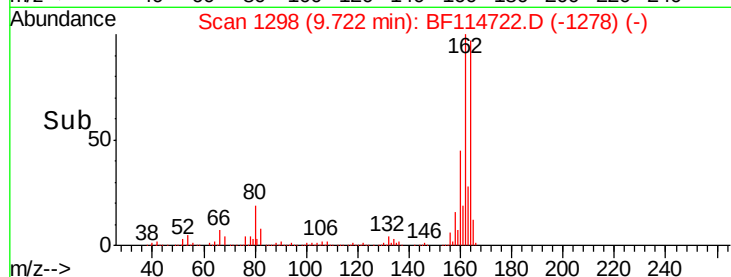
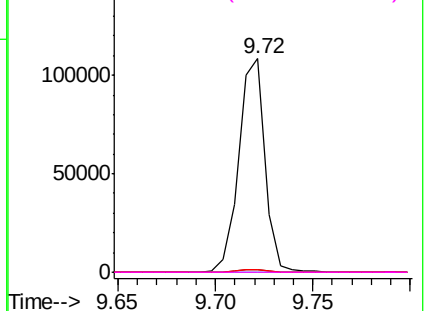


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

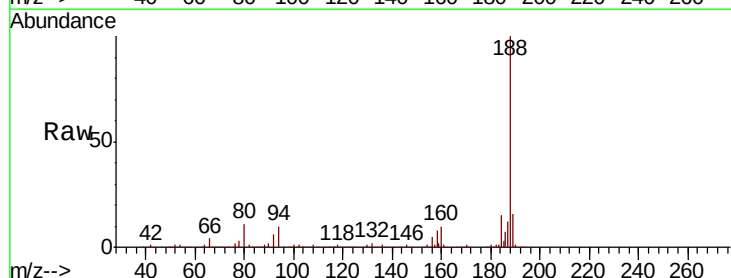
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

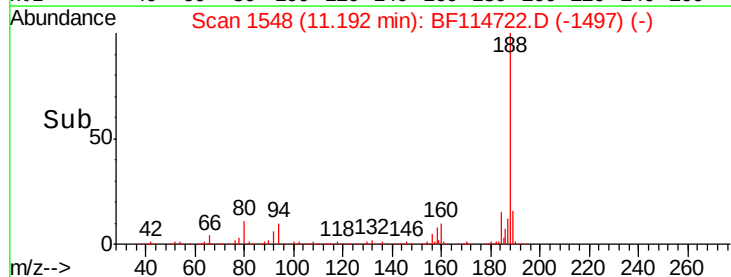
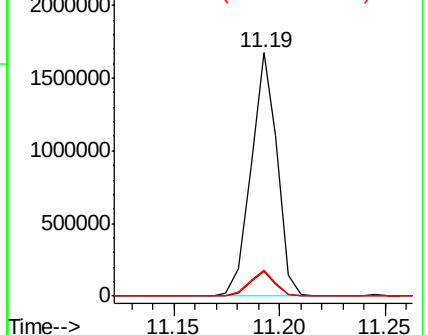
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.7	9.0	13.6

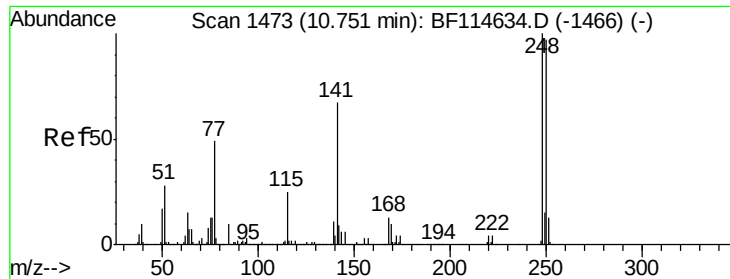


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 4.144 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

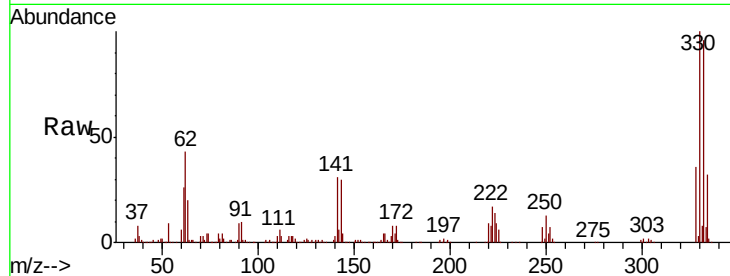
Tgt Ion:248 Resp: 63518

Ion Ratio Lower Upper

248 100

250 200.1 78.0 117.0#

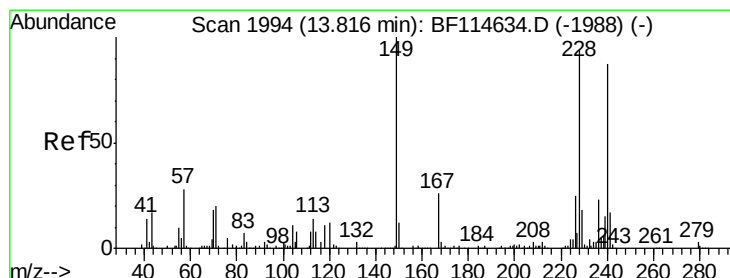
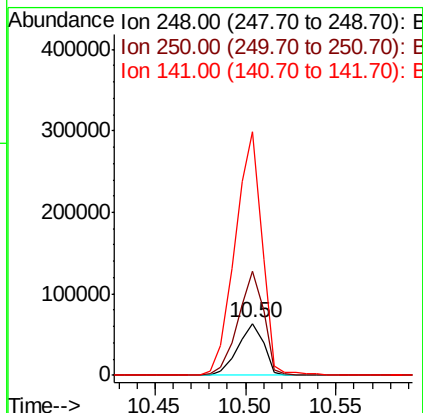
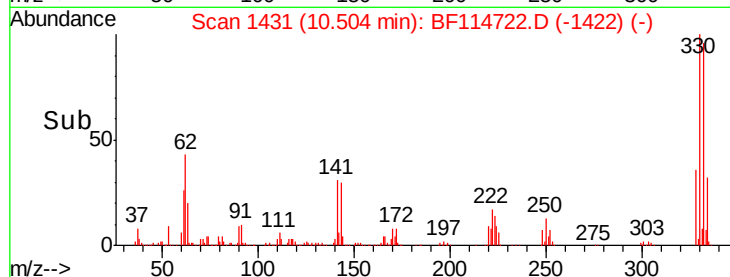
141 469.8 53.8 80.8#



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

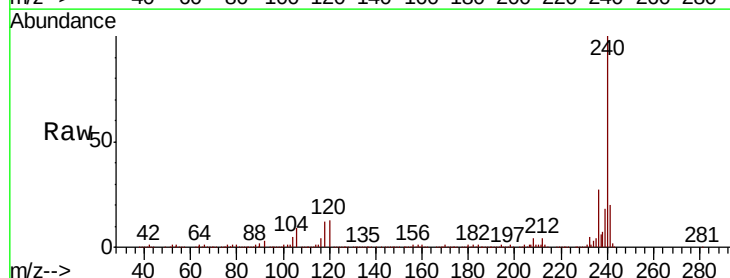
Tgt Ion:240 Resp: 959097

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

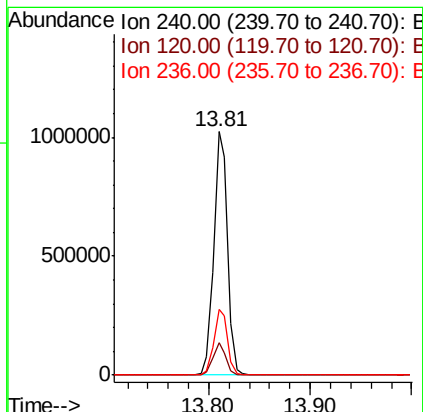
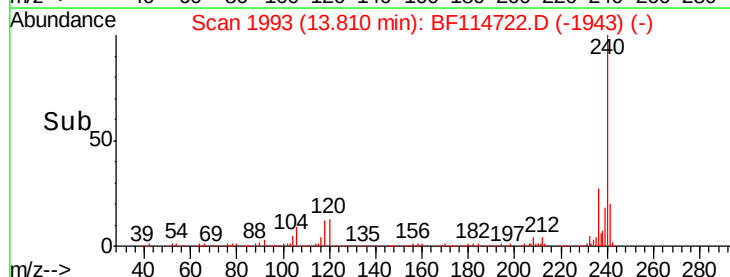
236 27.1 21.2 31.8

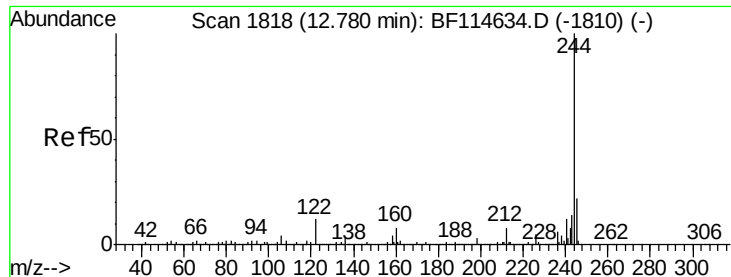


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.354 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

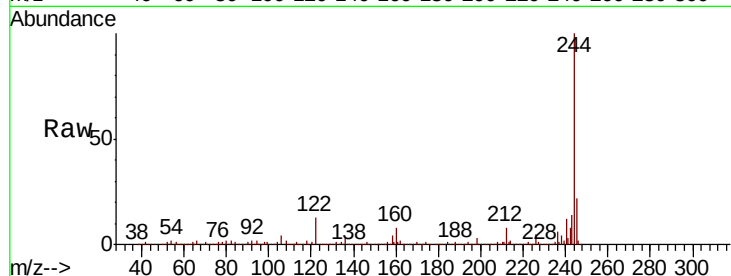
Tgt Ion:244 Resp: 3741903

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

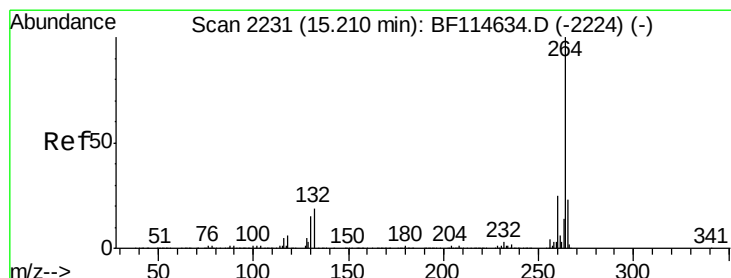
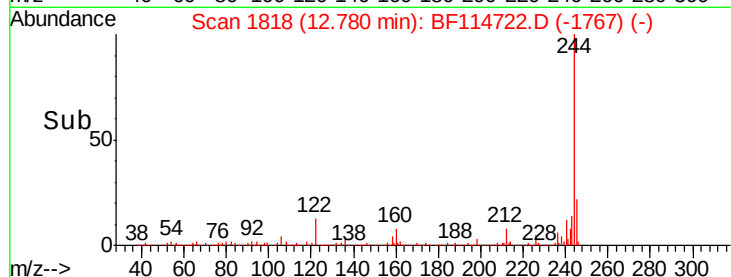
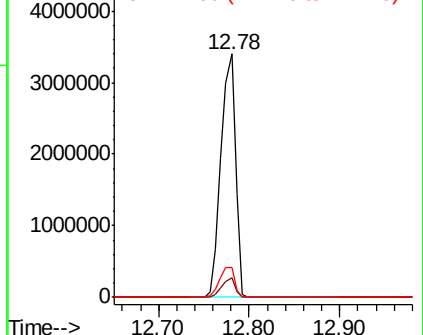
122 12.5 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

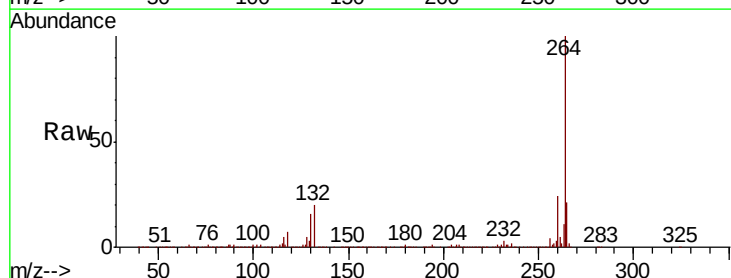
Tgt Ion:264 Resp: 836891

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 18.1 27.1



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

