

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114708.D
 Acq On : 31 May 2019 15:12
 Operator : HP/JU
 Sample : K3072-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jun 01 00:23:05 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

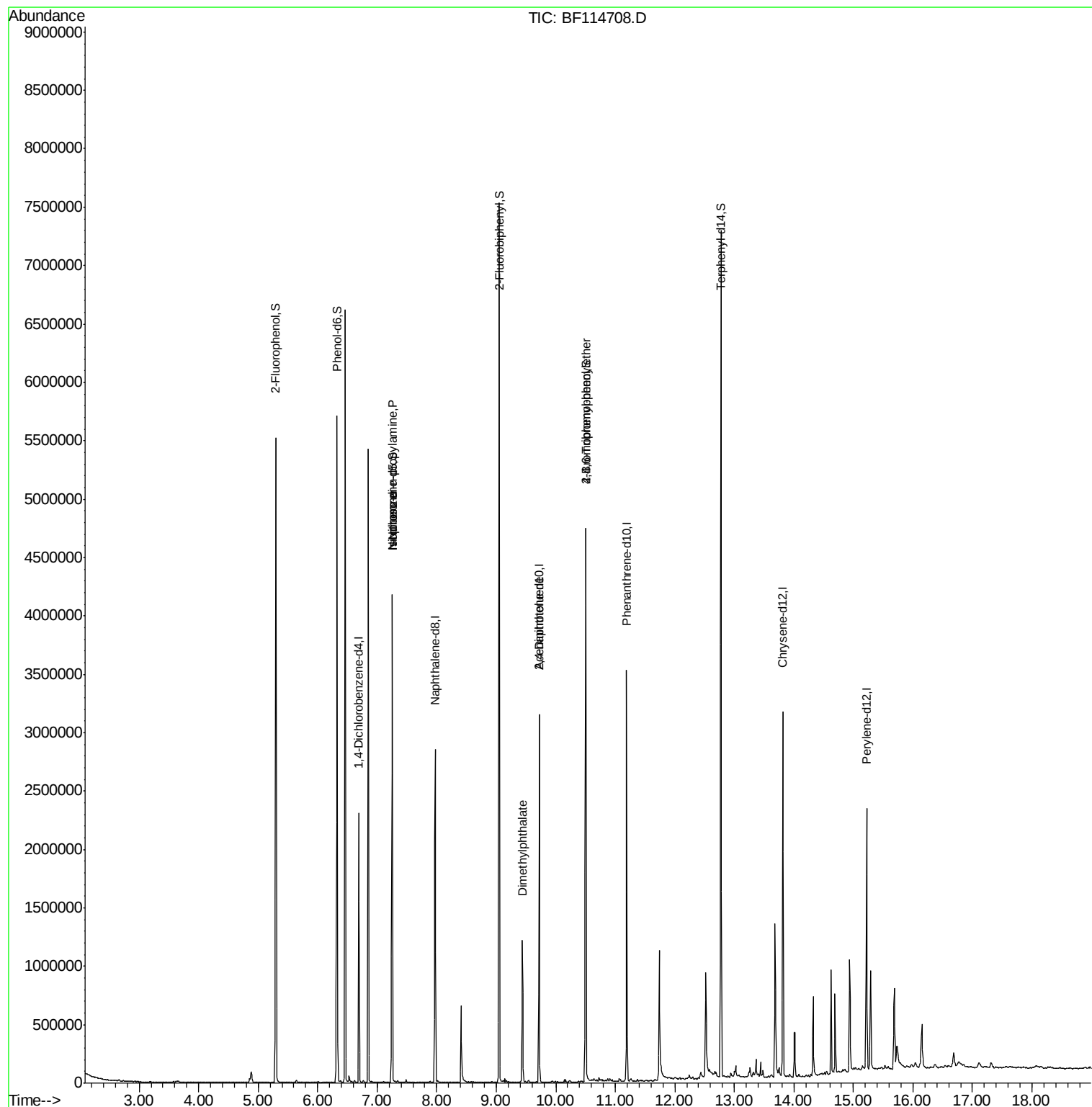
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	322000	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1220798	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	609729	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1201941	20.00	ng	0.00
76) Chrysene-d12	13.82	240	981092	20.00	ng	0.00
87) Perylene-d12	15.22	264	953507	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1795930	97.92	ng	0.00
7) Phenol-d6	6.33	99	2252590	101.92	ng	0.00
23) Nitrobenzene-d5	7.25	82	1341251	68.54	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	607525	104.57	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2292806	67.31	ng	0.00
79) Terphenyl-d14	12.78	244	2642134	50.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	41553	Below Cal		Qvalue 81
19) n-Nitroso-di-n-propylamine	7.25	70	180920	11.860 ng	#	75
25) Isophorone	7.25	82	1308852	33.330 ng	#	63
50) Dimethylphthalate	9.44	163	463360	10.906 ng		99
57) 2,4-Dinitrotoluene	9.72	165	78031	6.159 ng	#	23
58) Fluorene	10.50	166	28001	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.50	248	37509	2.910 ng	#	1
74) Di-n-butylphthalate	11.77	149	18890	Below Cal	#	95

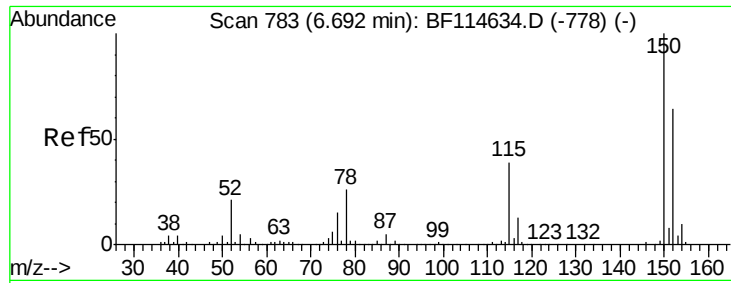
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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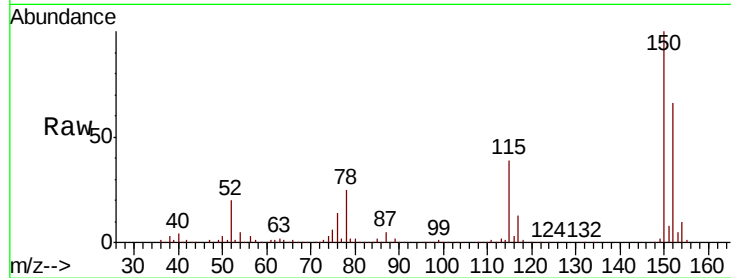


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.4	186.6
115	58.9	48.7	73.1

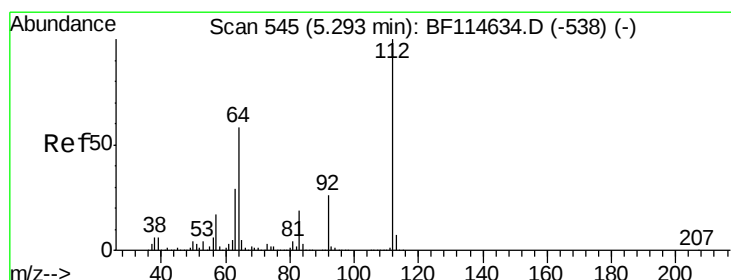
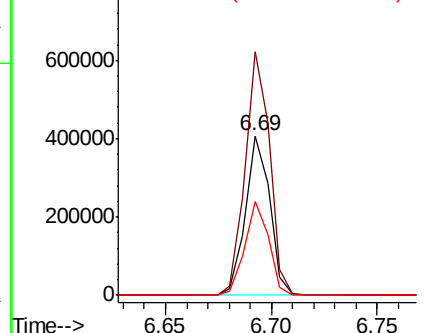
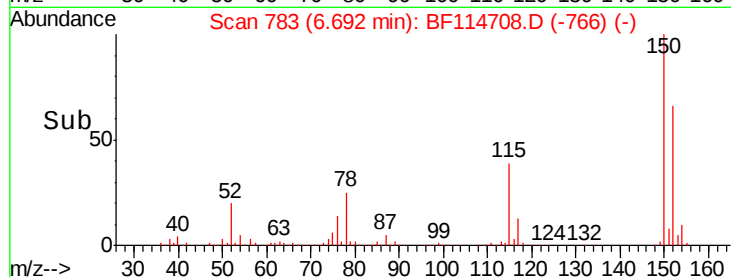


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

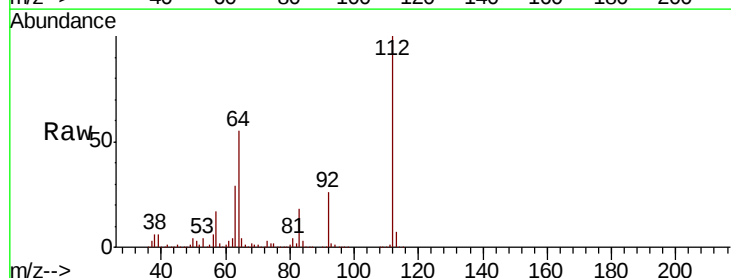
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.923 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.1	69.1
63	28.7	23.4	35.2

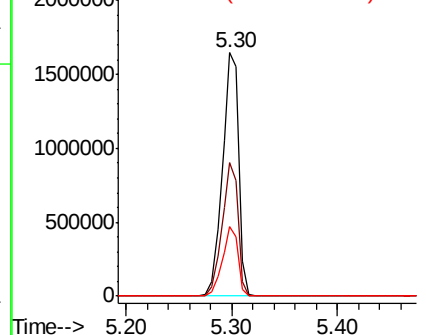
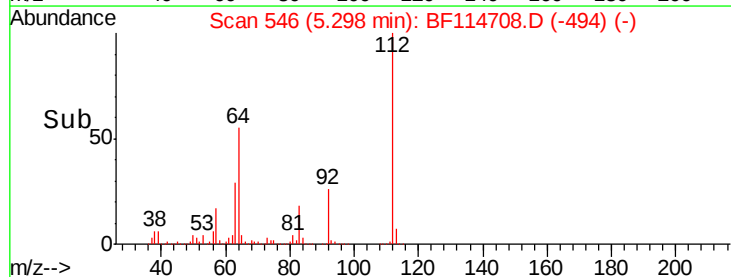


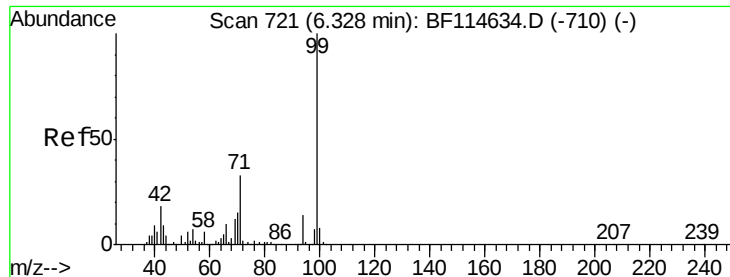
Abundance

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: 101.925 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

Instrument :

BNA_F

ClientSampleId :

TP-6

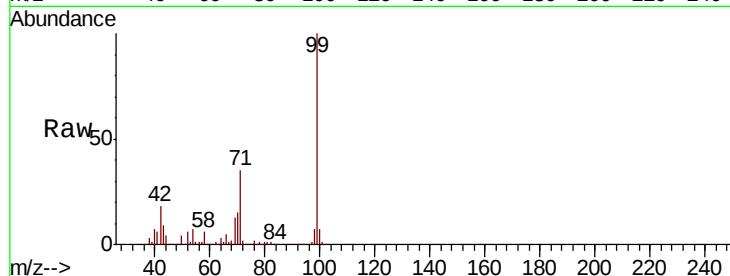
Tgt Ion: 99 Resp: 2252590

Ion Ratio Lower Upper

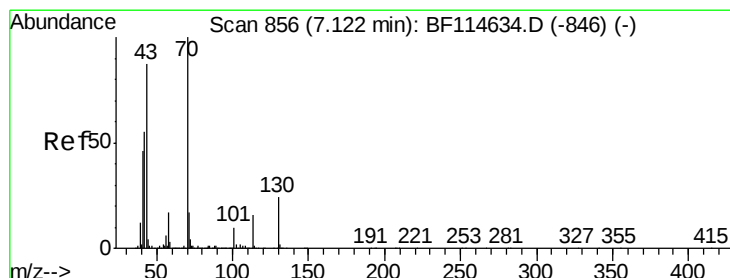
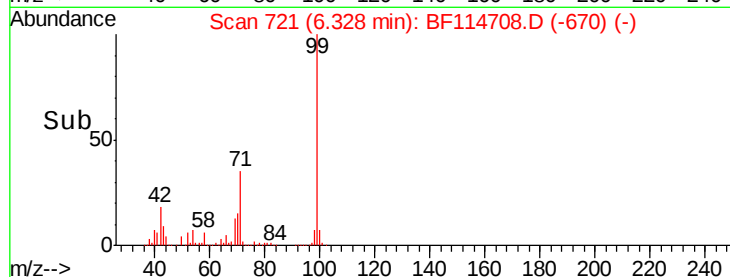
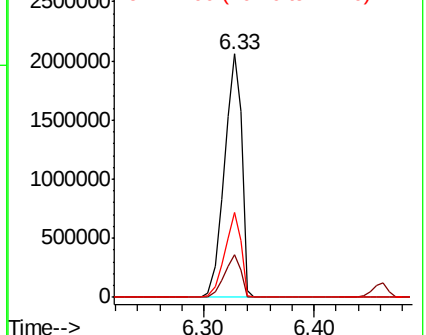
99 100

42 17.7 14.7 22.1

71 35.0 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.860 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

Tgt Ion: 70 Resp: 180920

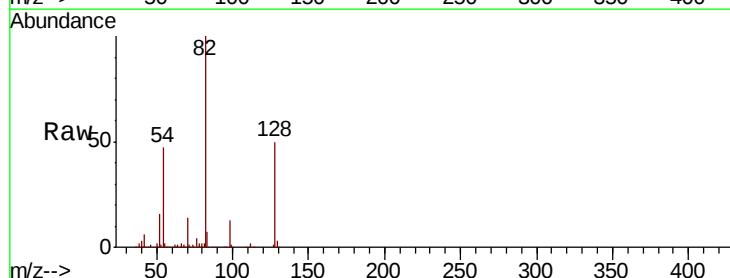
Ion Ratio Lower Upper

70 100

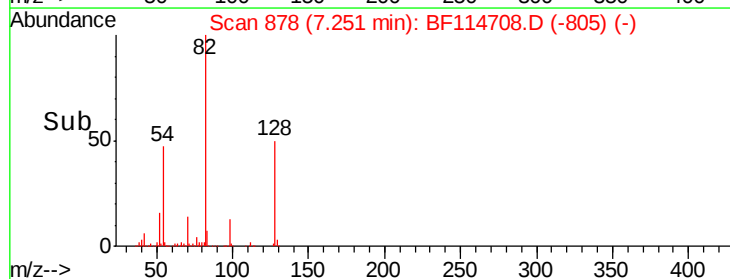
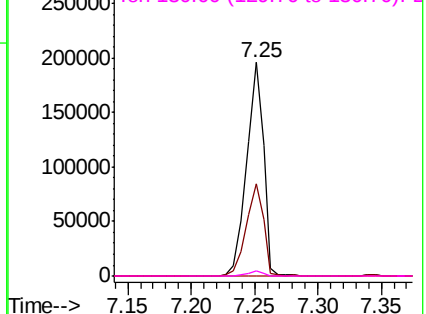
42 43.4 44.4 66.6#

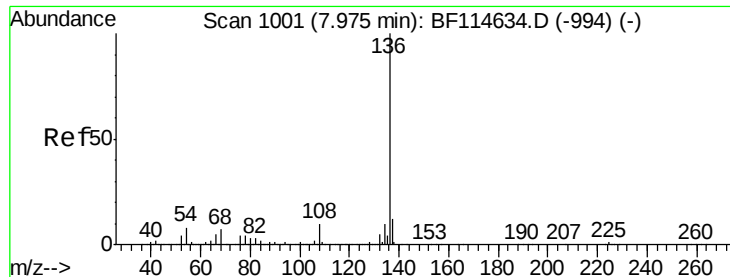
101 0.0 8.2 12.4#

130 2.3 19.4 29.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



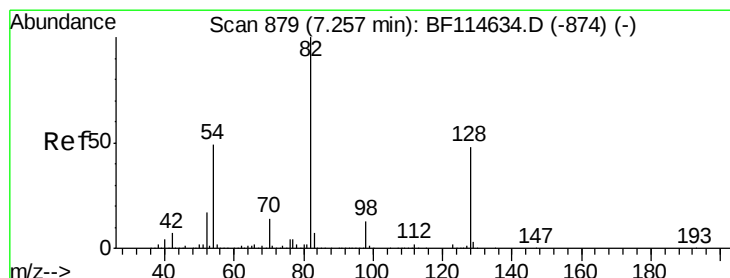
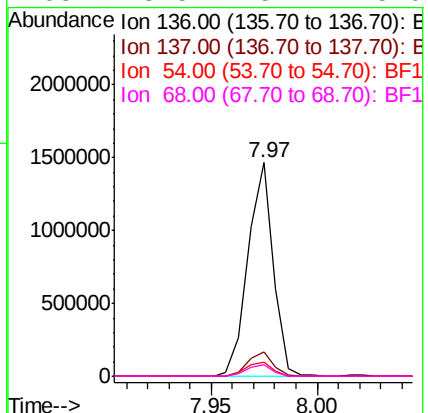
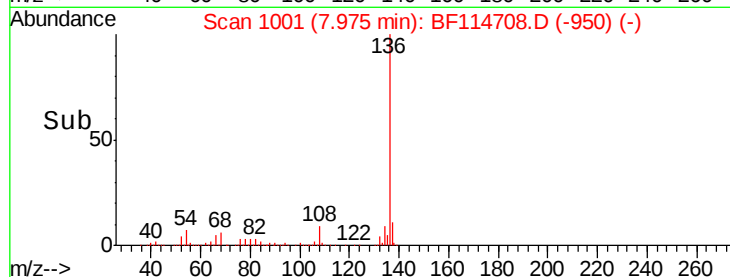
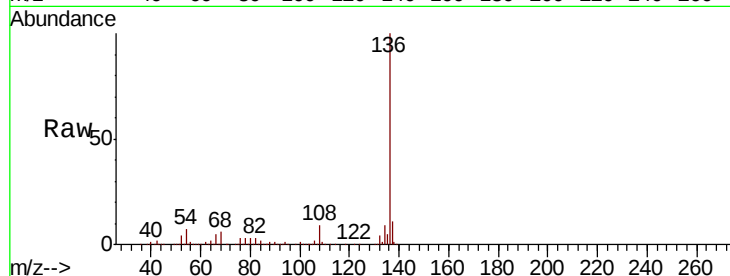


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion: 136 Resp: 1220798

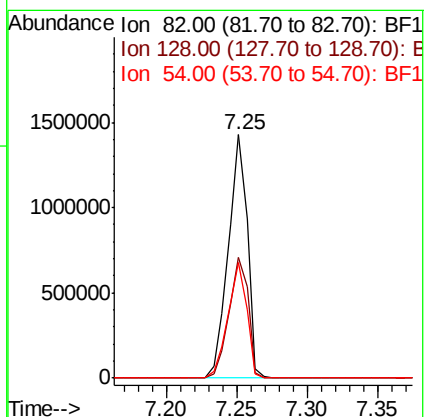
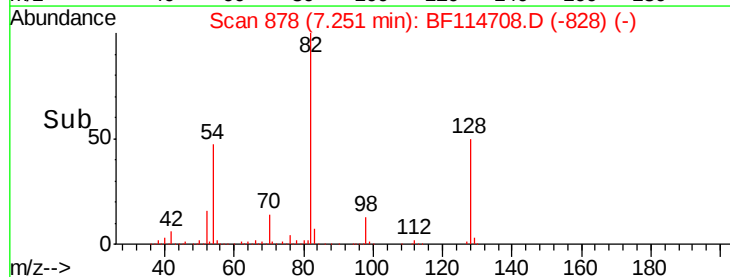
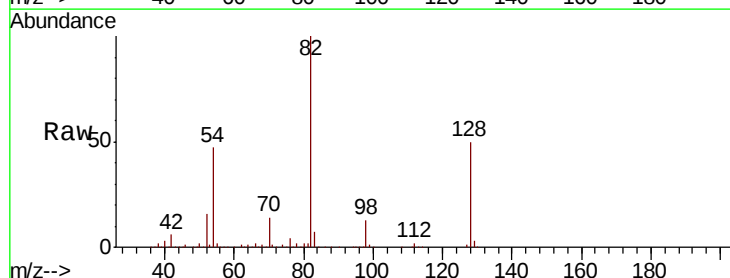
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.6	6.3	9.5
68	5.5	5.4	8.0

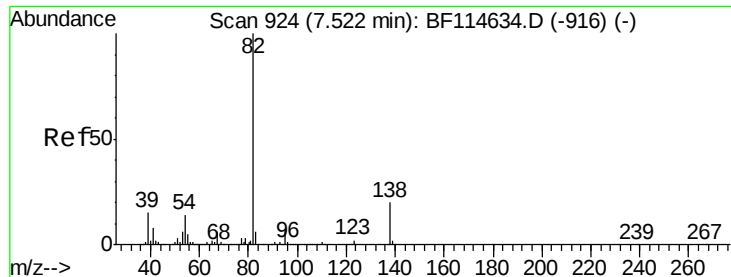


#23
Nitrobenzene-d5
Concen: 68.545 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Tgt Ion: 82 Resp: 1341251

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	47.5	39.1	58.7





#25

Isophorone

Concen: 33.330 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

Instrument :

BNA_F

ClientSampleId :

TP-6

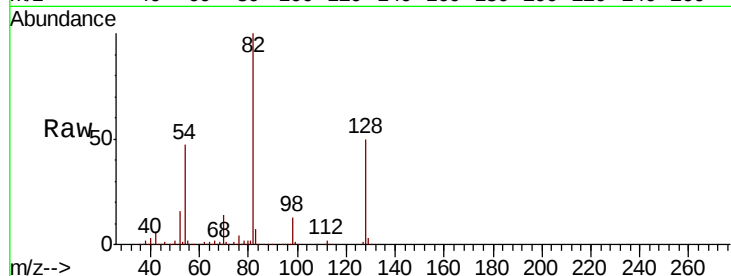
Tgt Ion: 82 Resp: 1308852

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

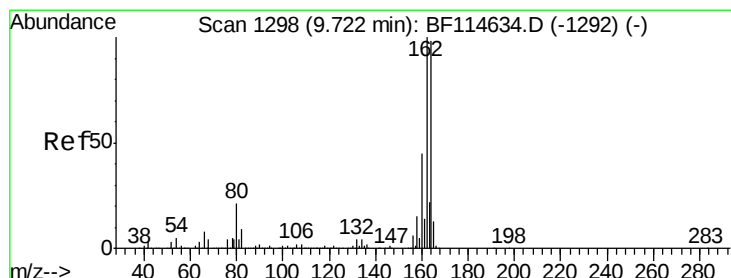
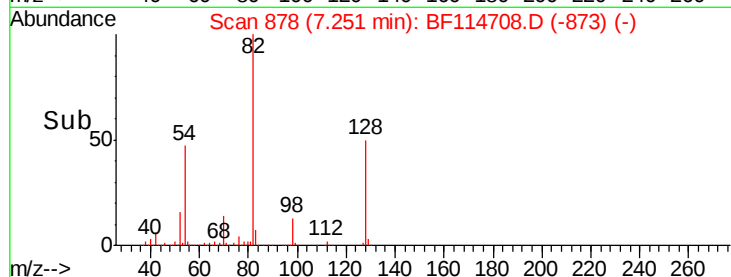
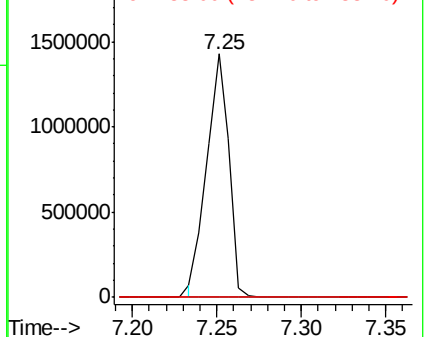
138 0.0 15.9 23.9#



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: BF114708.D

Acq: 31 May 2019 15:12

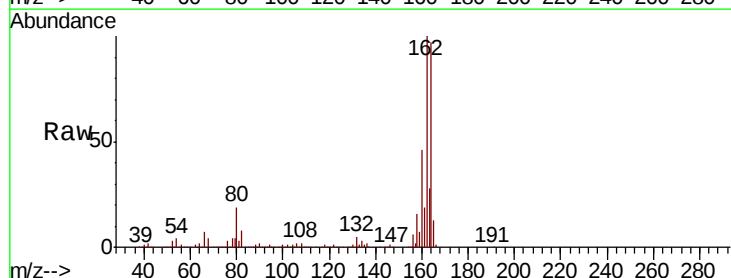
Tgt Ion: 164 Resp: 609729

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.2

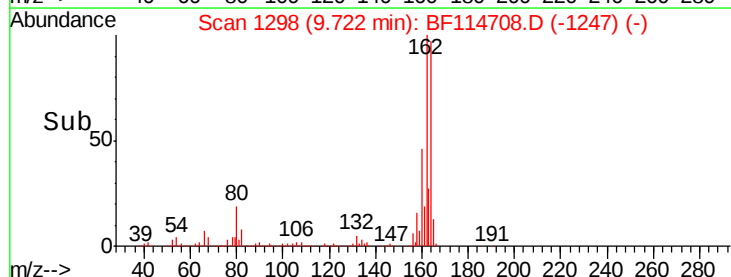
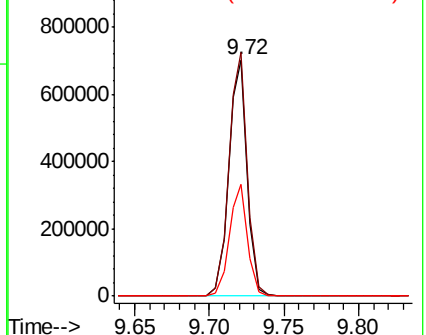
160 47.5 36.6 54.8

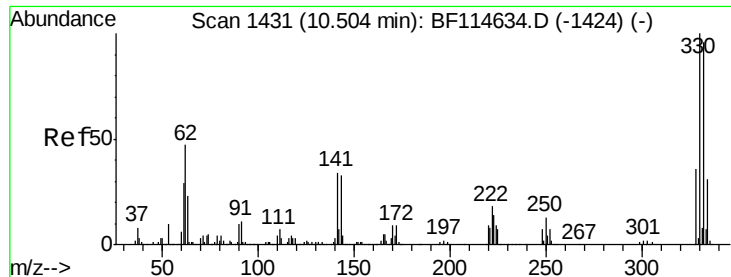


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

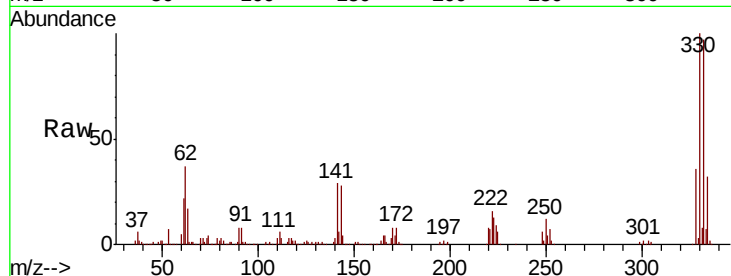




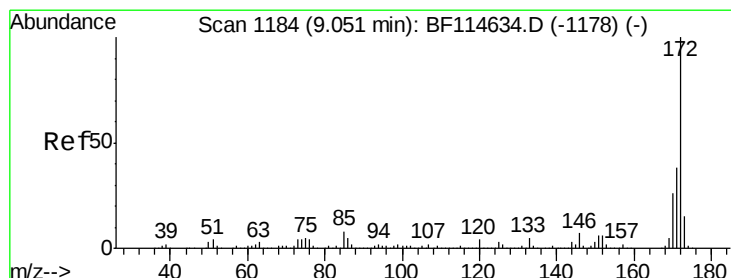
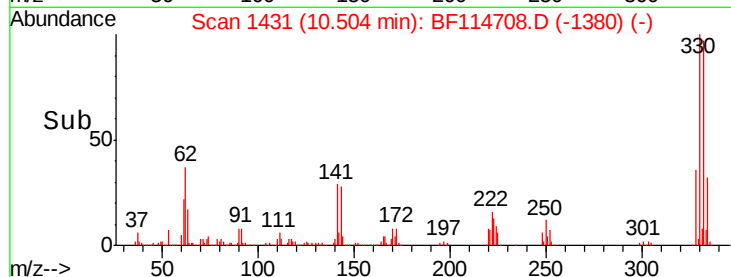
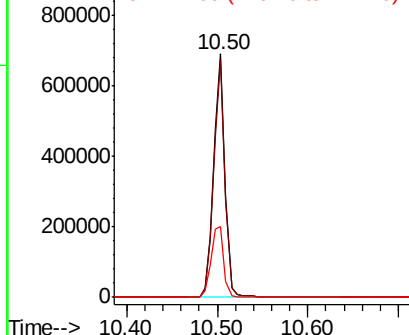
#42
 2,4,6-Tribromophenol
 Concen: 104.570 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114708.D
 Acq: 31 May 2019 15:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:330 Resp: 607525
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.8
 141 32.9 27.8 41.8

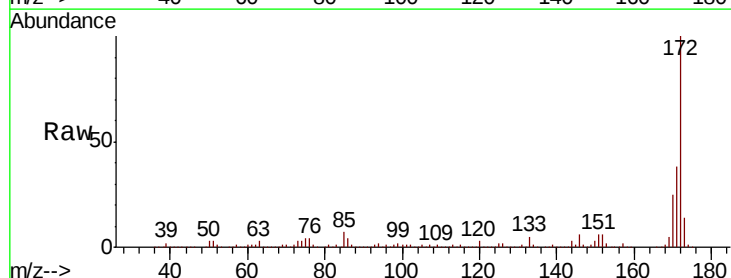


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

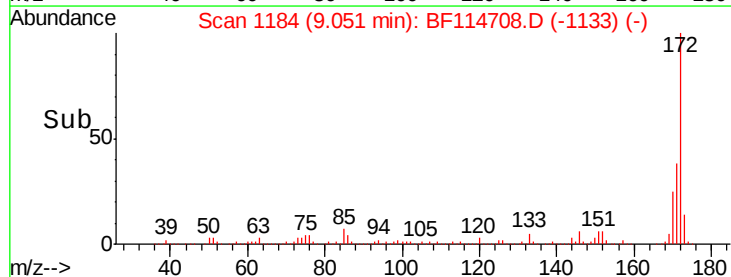
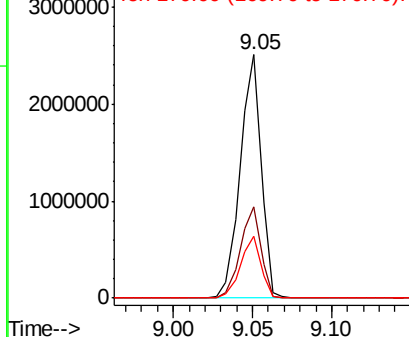


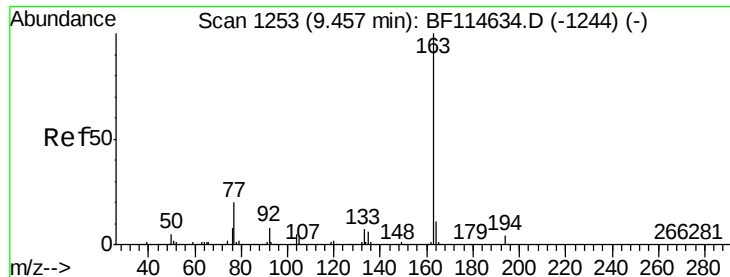
#45
 2-Fluorobiphenyl
 Concen: 67.307 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114708.D
 Acq: 31 May 2019 15:12

Tgt Ion:172 Resp: 2292806
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 45.8
 170 25.3 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: 10.906 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

Instrument :

BNA_F

ClientSampleId :

TP-6

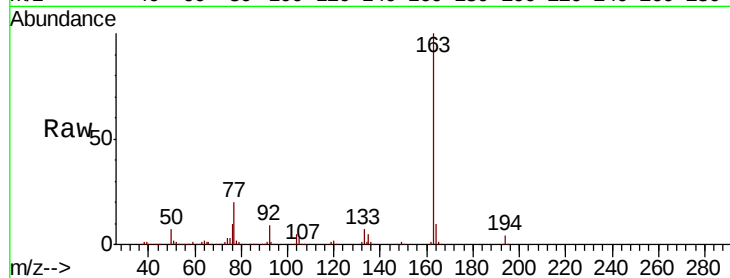
Tgt Ion:163 Resp: 463360

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

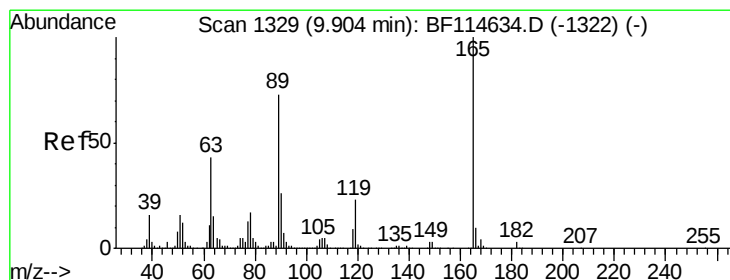
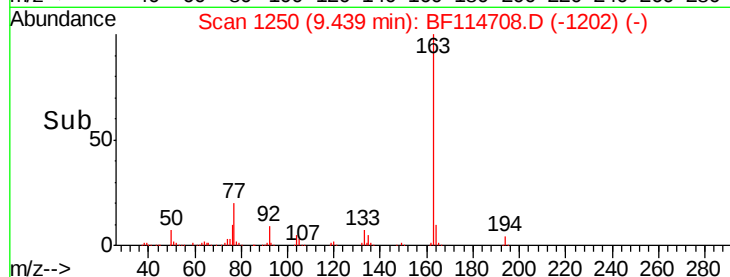
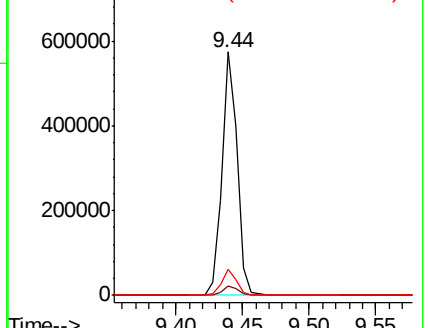
164 10.4 8.6 13.0



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



#57

2,4-Dinitrotoluene

Concen: 6.159 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

Tgt Ion:165 Resp: 78031

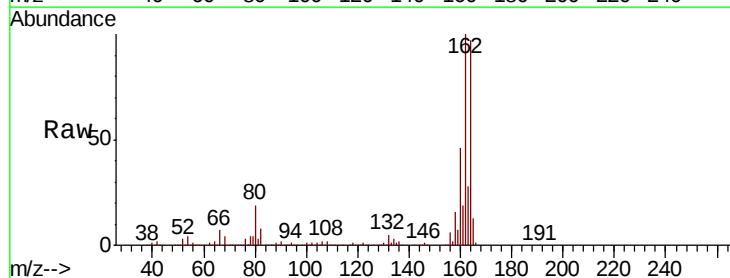
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.2 58.5 87.7#

182 0.0 2.2 3.2#

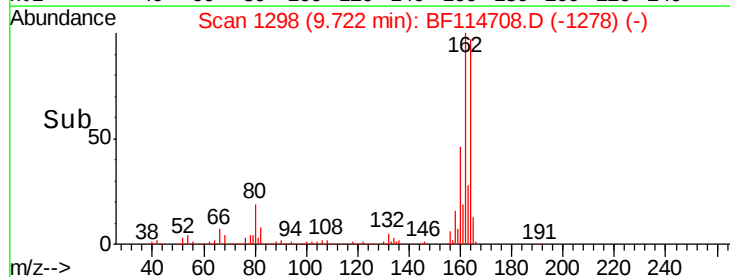
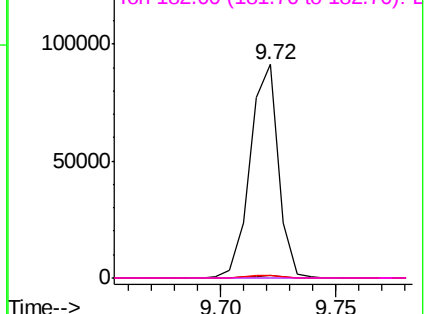


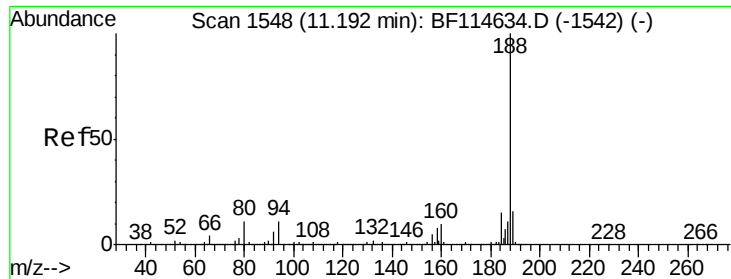
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114708.D

Acq: 31 May 2019 15:12

Instrument :

BNA_F

ClientSampleId :

TP-6

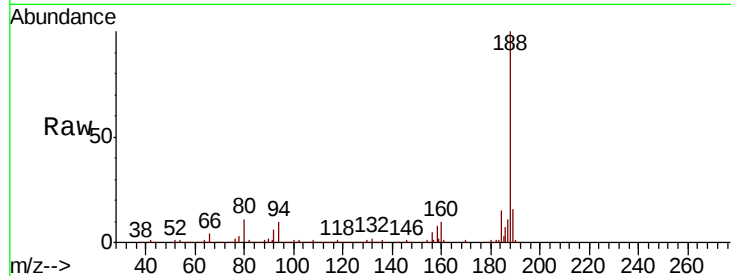
Tgt Ion:188 Resp: 1201941

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

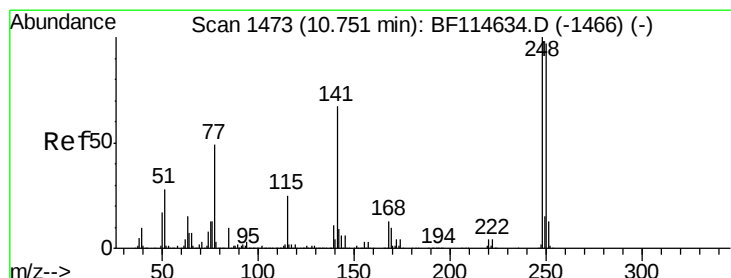
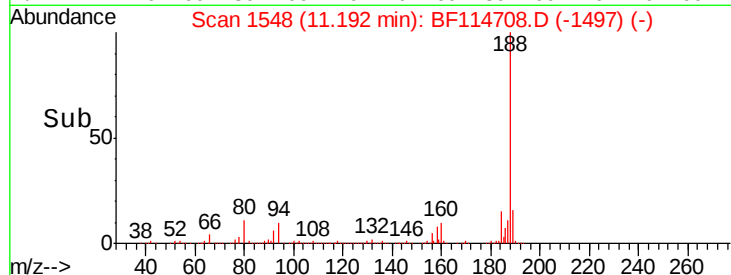
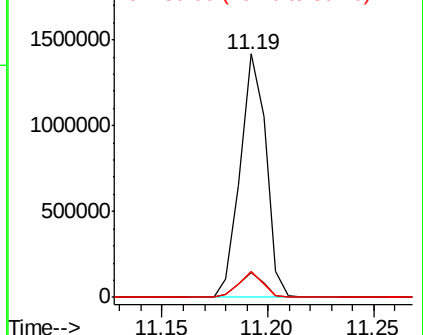
80 10.9 9.0 13.6



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: 2.910 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114708.D

Acq: 31 May 2019 15:12

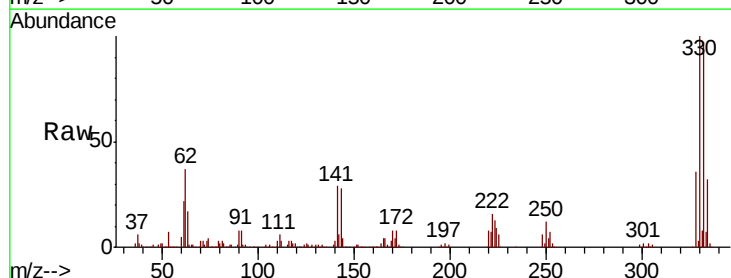
Tgt Ion:248 Resp: 37509

Ion Ratio Lower Upper

248 100

250 206.1 78.0 117.0#

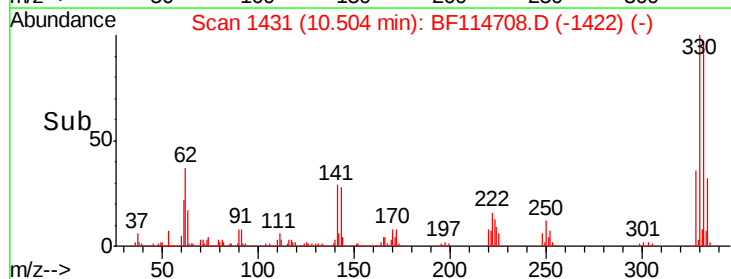
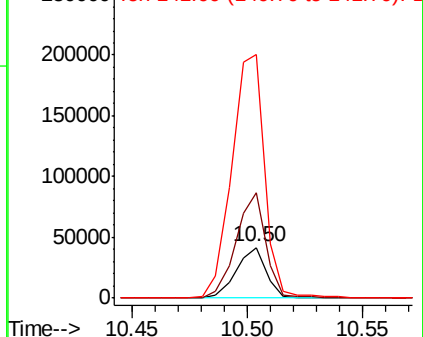
141 478.7 53.8 80.8#

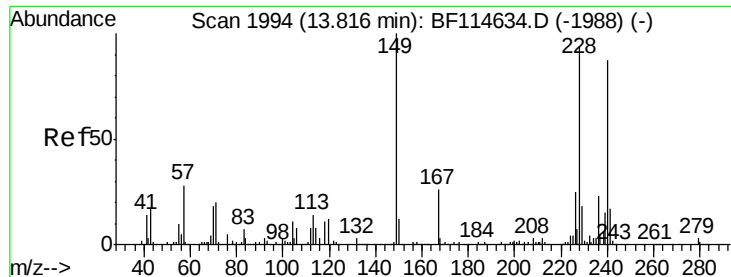


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

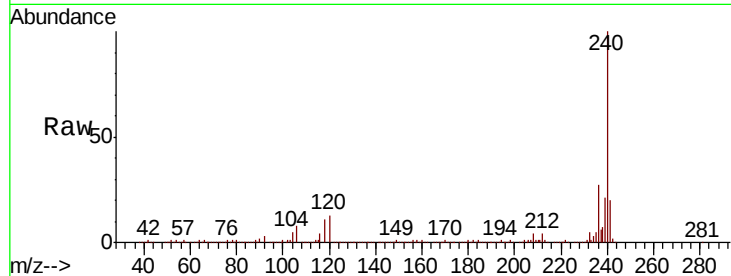




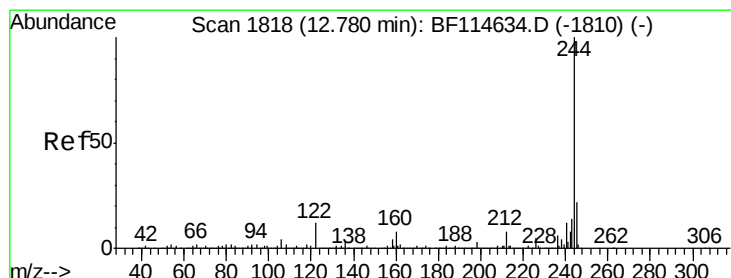
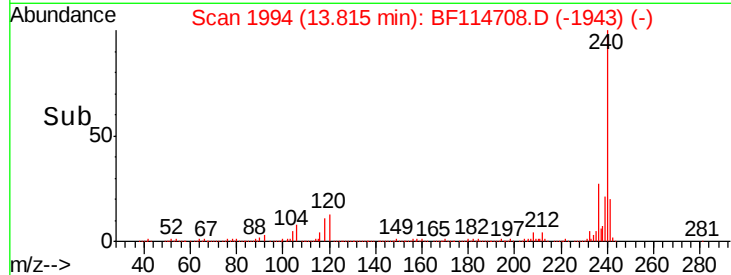
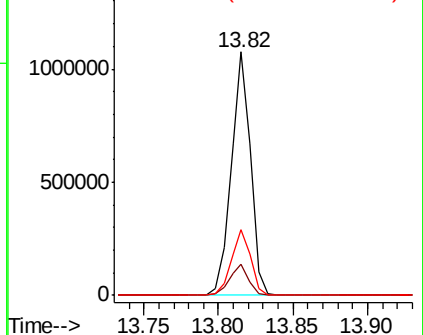
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion:240 Resp: 981092
Ion Ratio Lower Upper
240 100
120 13.0 11.2 16.8
236 27.1 21.2 31.8

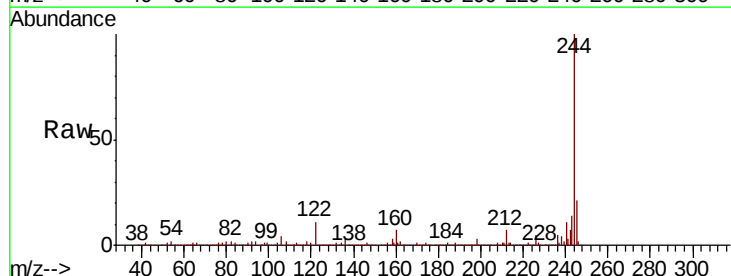


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

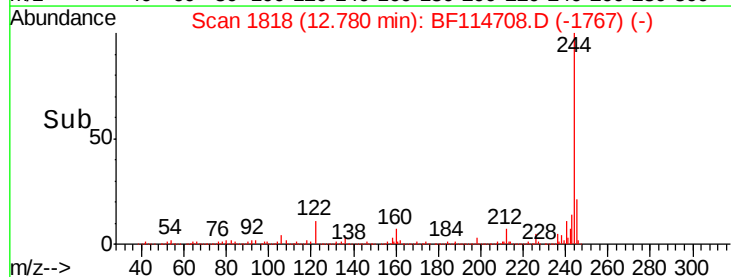
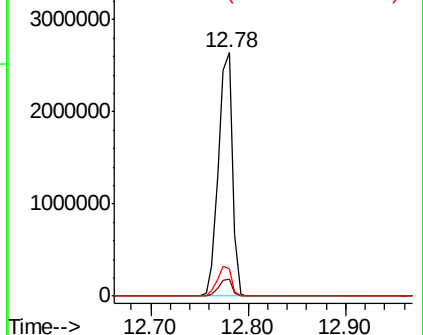


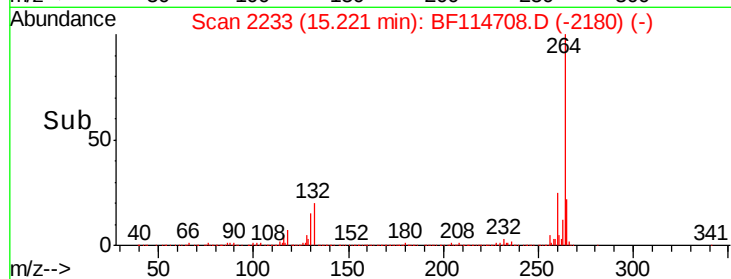
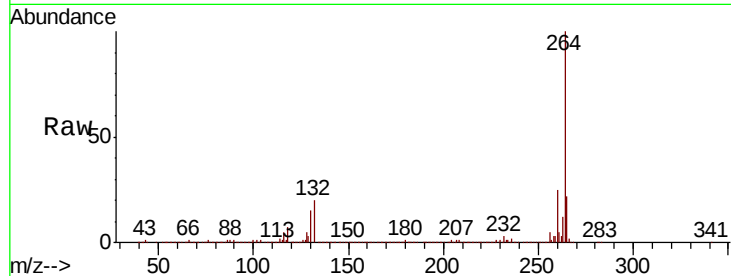
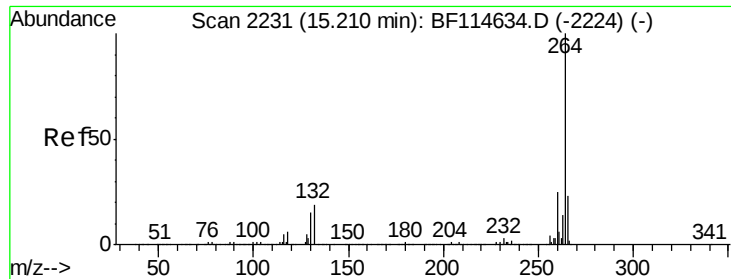
#79
Terphenyl-d14
Concen: 50.633 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Tgt Ion:244 Resp: 2642134
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.2 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: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF114708.D
Acq: 31 May 2019 15:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.2	18.1	27.1

