

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114696.D
 Acq On : 31 May 2019 9:48
 Operator : HP/JU
 Sample : PB119779BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:13:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

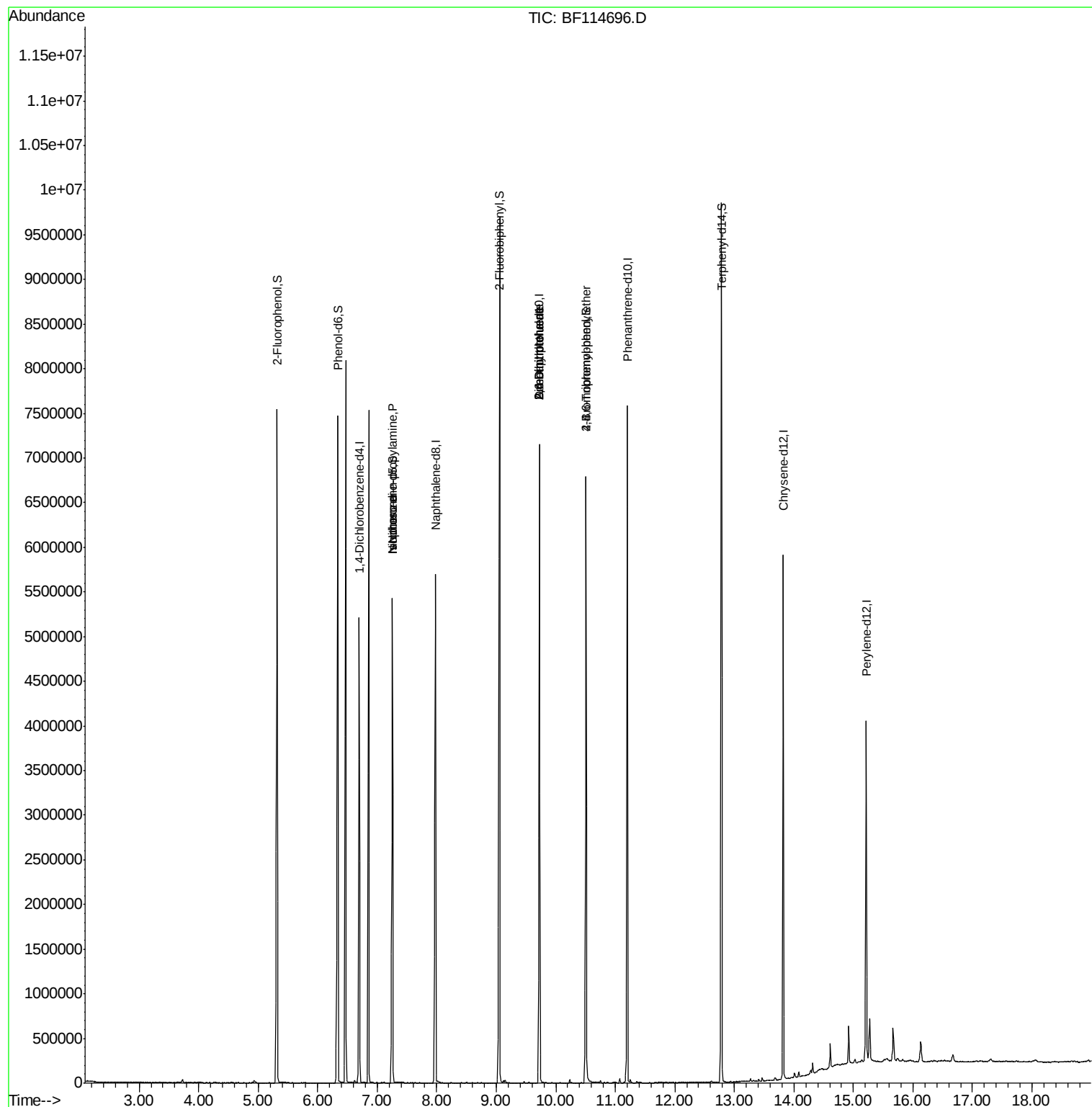
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	782051	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	3058545	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	1608237	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	2934162	20.00	ng	0.00
76) Chrysene-d12	13.82	240	2035001	20.00	ng	0.00
87) Perylene-d12	15.22	264	1790744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2622162	58.87	ng	0.02
7) Phenol-d6	6.34	99	3191378	59.46	ng	0.00
23) Nitrobenzene-d5	7.26	82	2108099	43.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	991159	64.68	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3851883	35.71	ng	0.00
79) Terphenyl-d14	12.79	244	3849005	35.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	5265	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	287686	7.765 ng	#	75
25) Isophorone	7.26	82	2044964	20.785 ng	#	62
50) Dimethylphthalate	9.73	163	456440	4.073 ng	#	1
51) 2,6-Dinitrotoluene	9.73	165	213902	8.214 ng	#	28
57) 2,4-Dinitrotoluene	9.73	165	213902	6.401 ng	#	26
58) Fluorene	10.51	166	42126	Below Cal	#	90
61) 4-Chlorophenyl-phenylether	10.26	204	143	Below Cal	#	27
67) 4-Bromophenyl-phenylether	10.51	248	63147	2.007 ng	#	1
74) Di-n-butylphthalate	11.77	149	2015	Below Cal	#	75

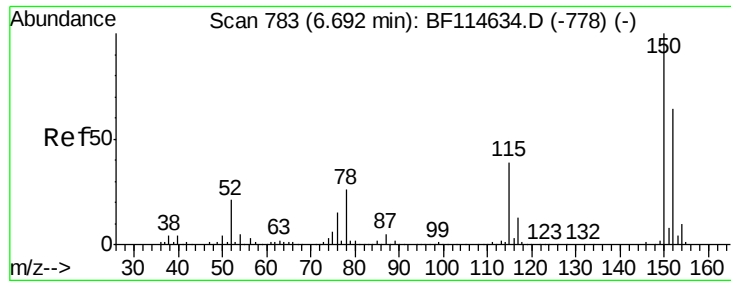
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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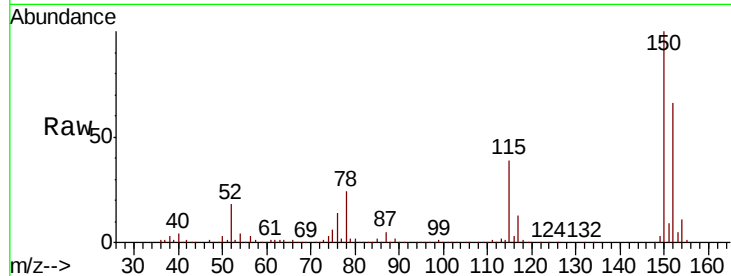


#1

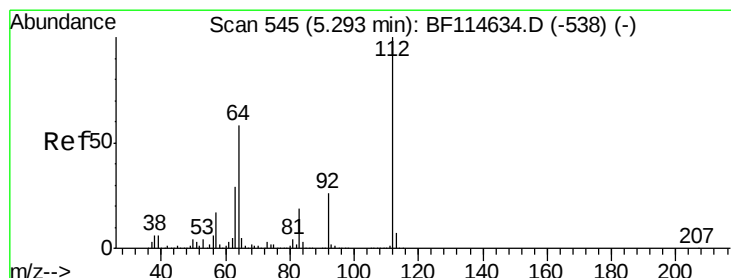
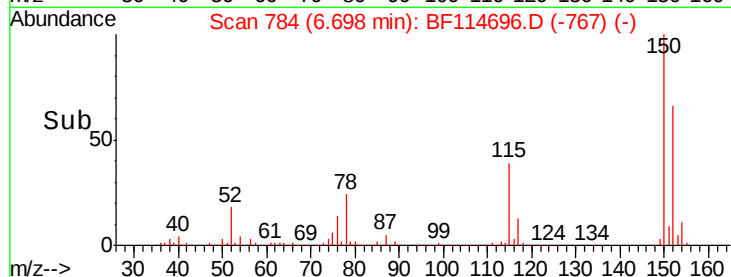
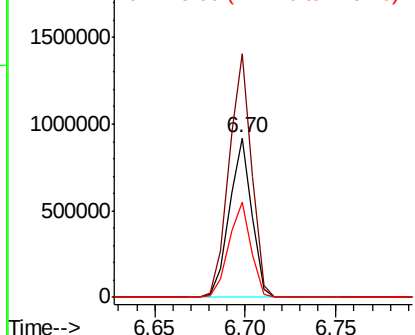
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 782051
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 59.4 48.8 73.2



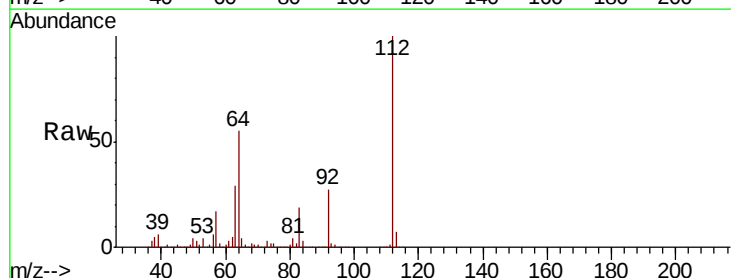
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



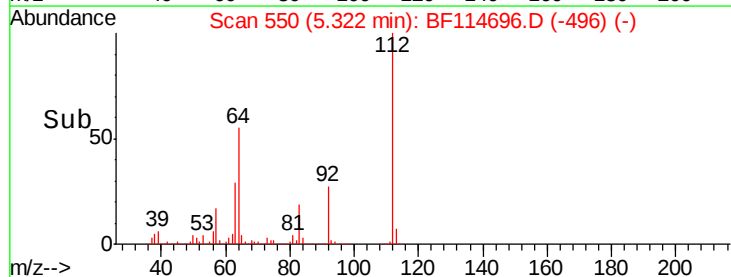
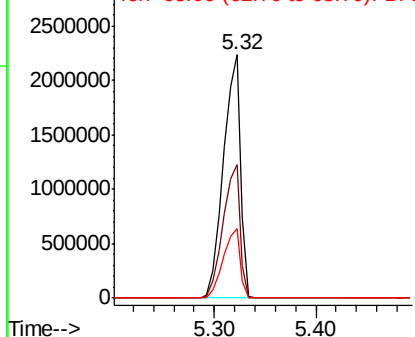
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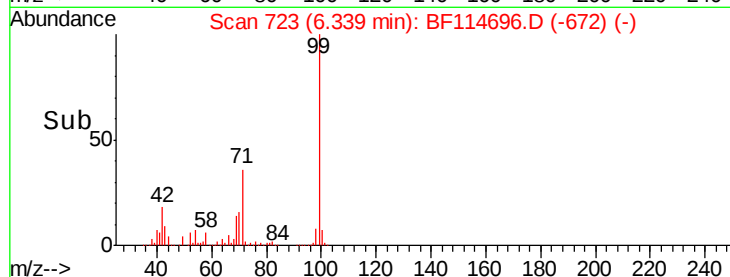
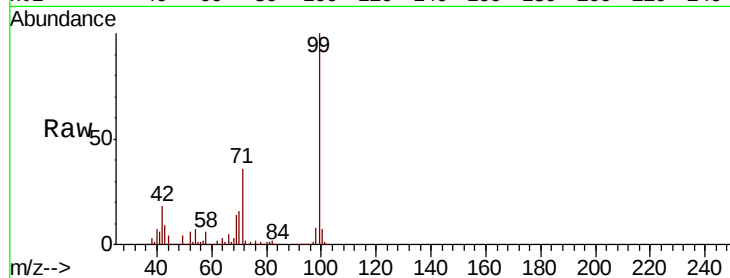
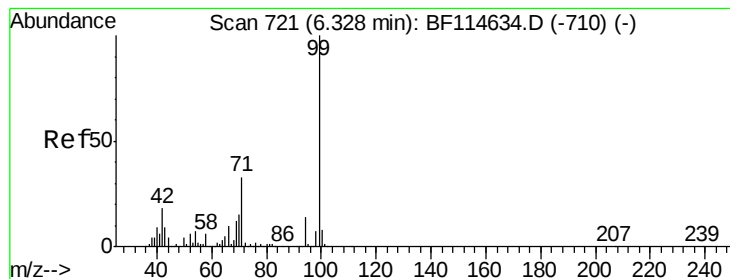
2-Fluorophenol
Concen: 58.868 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.02 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion:112 Resp: 2622162
Ion Ratio Lower Upper
112 100
64 54.7 44.8 67.2
63 28.8 23.0 34.6



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: 59.456 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Instrument :

BNA_F

ClientSampleId :

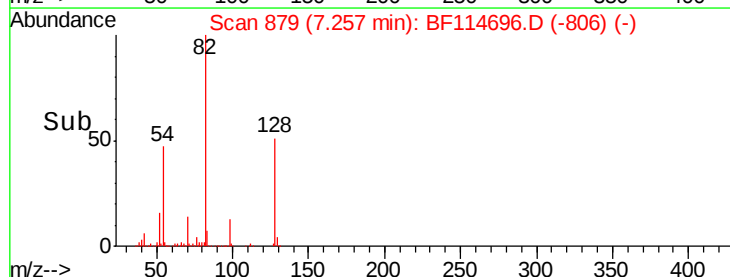
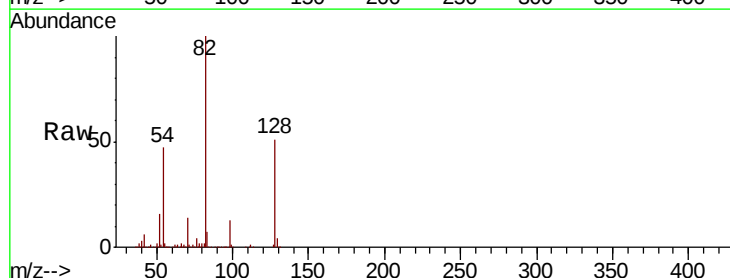
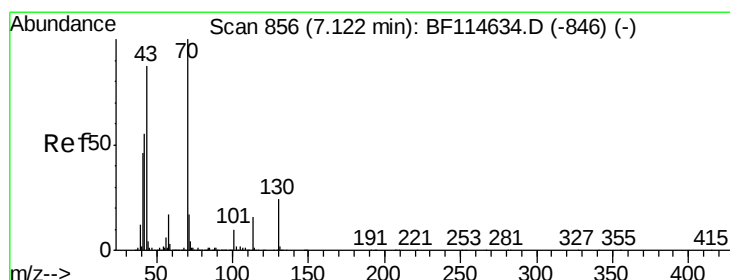
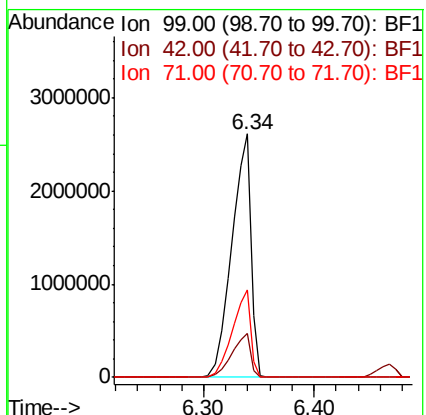
Tot Ion: 99 Resp: 3191378

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

71 36.0 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 7.765 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Tgt Ion: 70 Resp: 287686

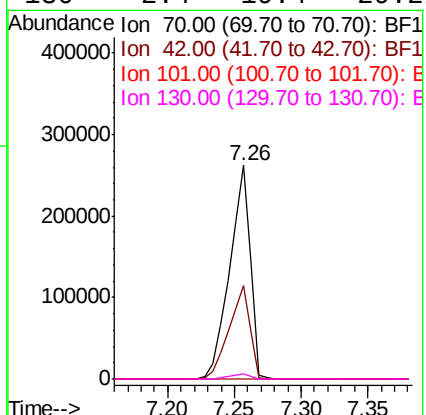
Ion Ratio Lower Upper

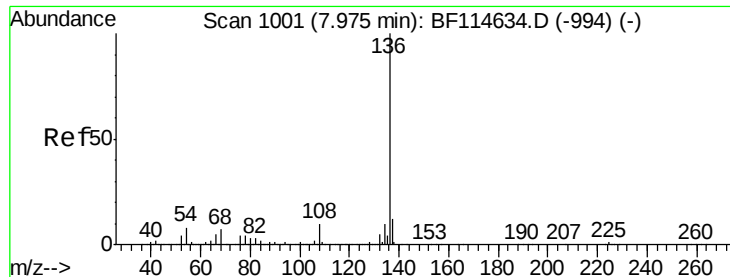
70 100

42 43.9 43.9 65.9#

101 0.0 8.3 12.5#

130 2.4 19.4 29.2#

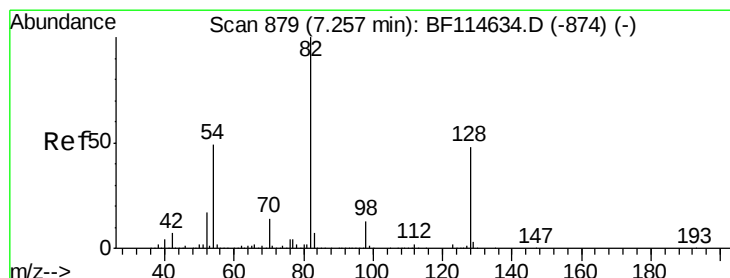
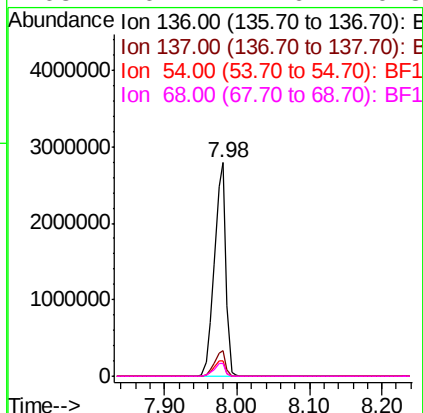
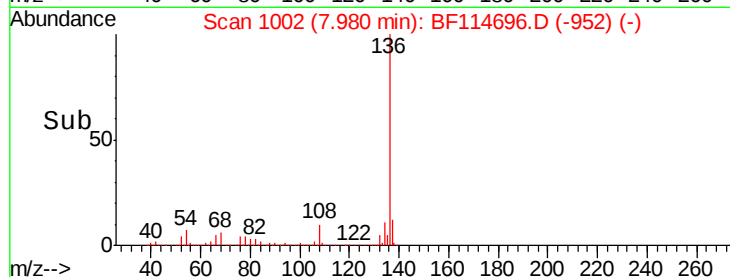
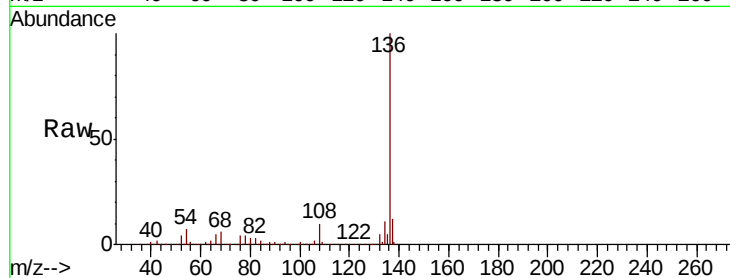




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

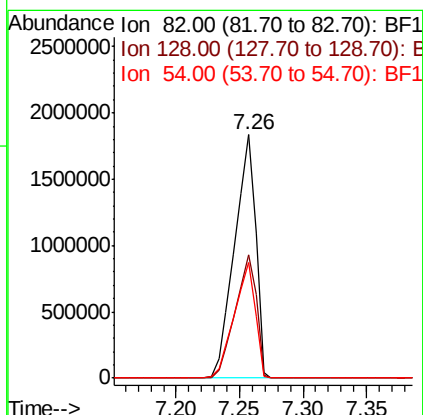
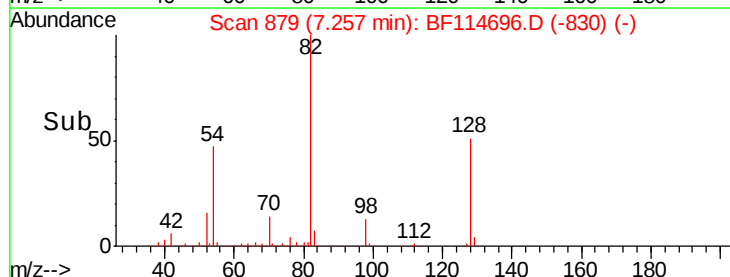
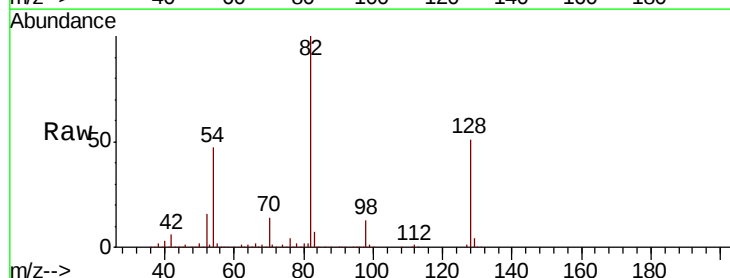
Instrument :
BNA_F
ClientSampleId :

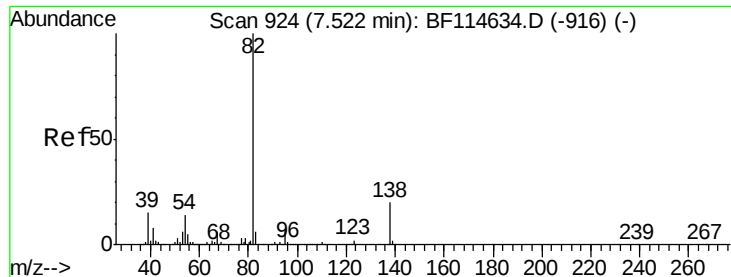
Tot Ion:136 Resp: 3058545
Ion Ratio Lower Upper
136 100
137 12.2 9.1 13.7
54 7.1 5.2 7.8
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 43.002 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion: 82 Resp: 2108099
Ion Ratio Lower Upper
82 100
128 50.6 41.7 62.5
54 47.3 37.5 56.3

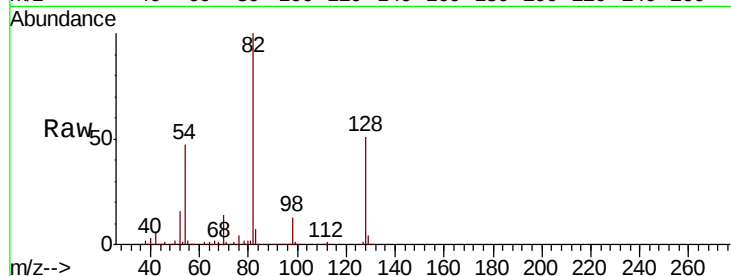




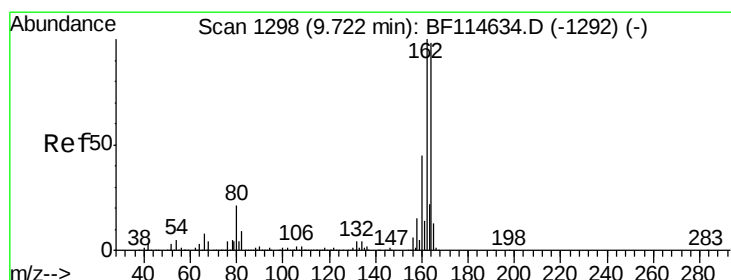
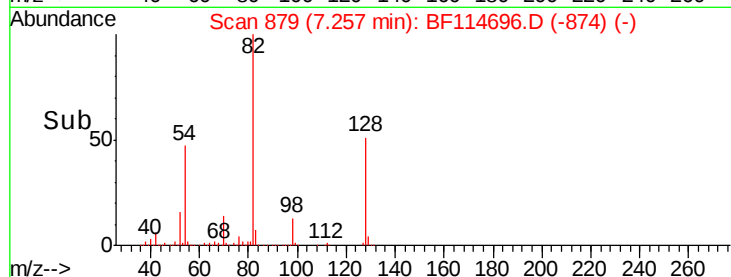
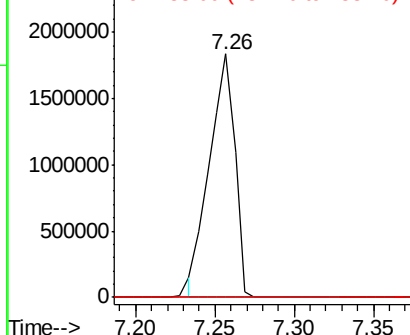
#25
Isophorone
Concen: 20.785 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2044964
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#

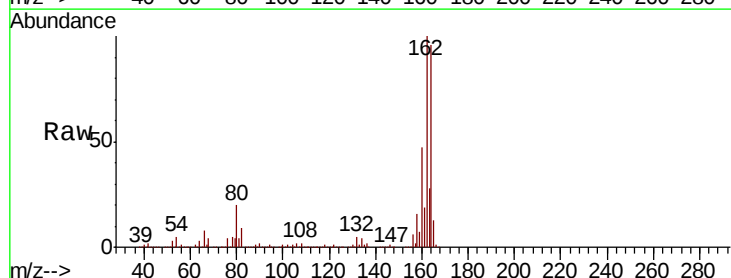


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

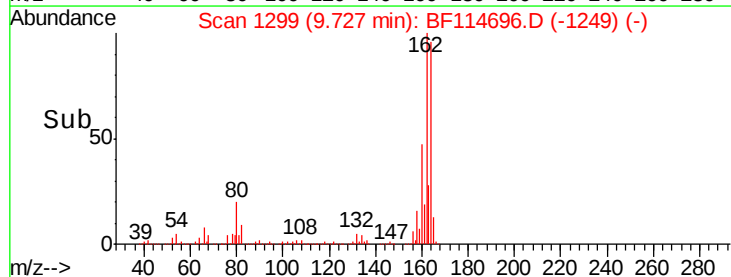
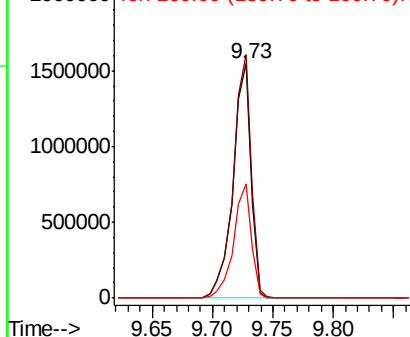


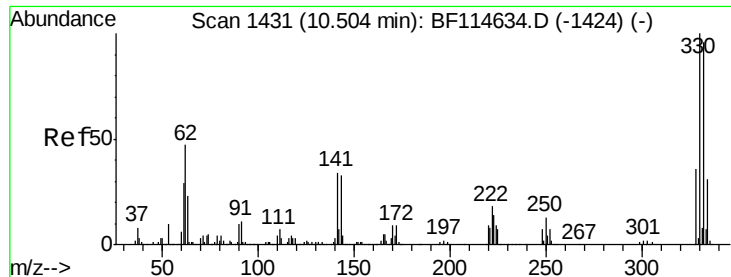
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion:164 Resp: 1608237
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 48.6 38.2 57.2



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

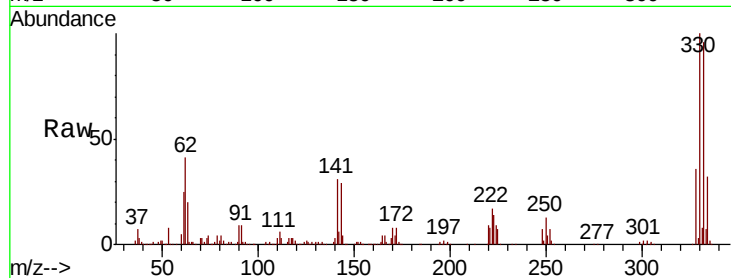




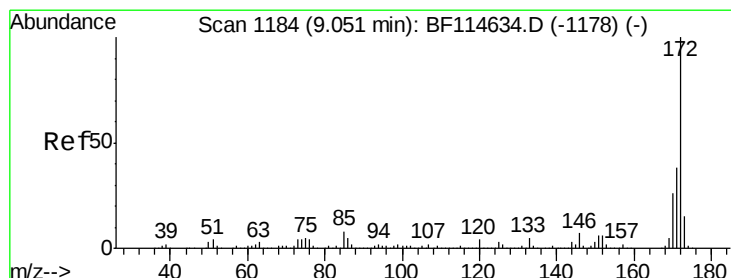
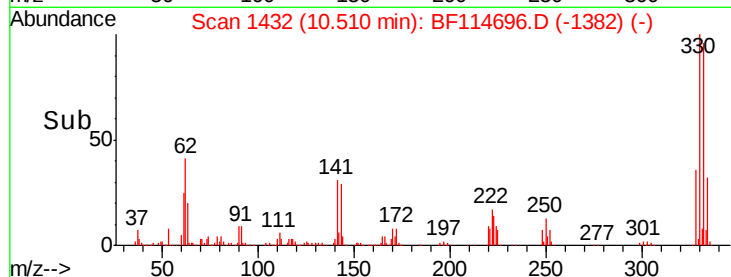
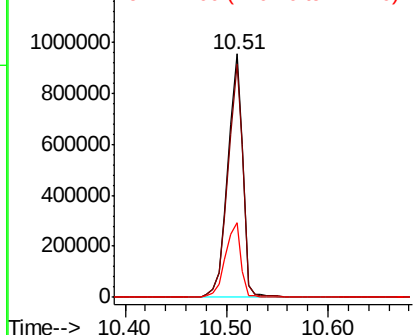
#42
 2,4,6-Tribromophenol
 Concen: 64.680 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 991159
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 31.8 26.2 39.2

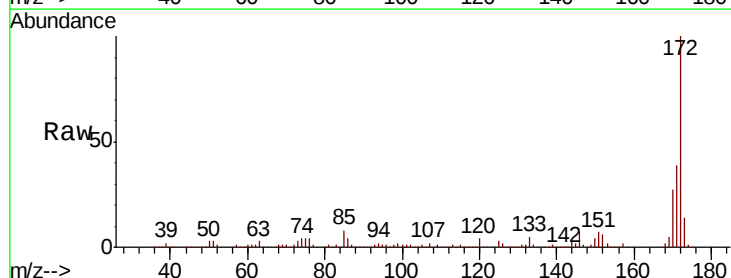


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

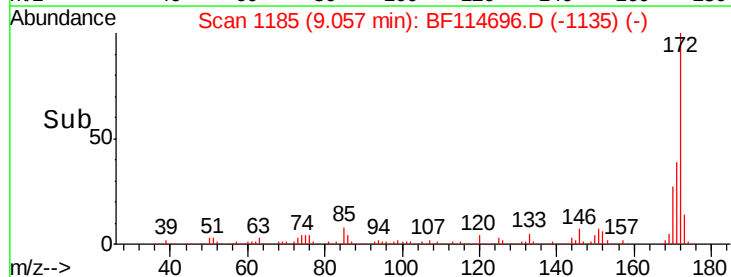
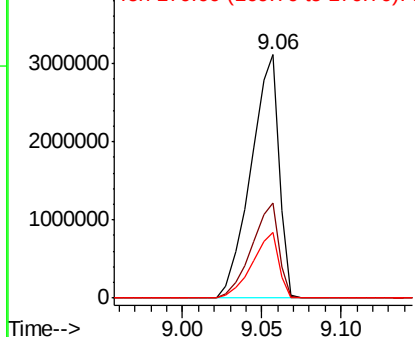


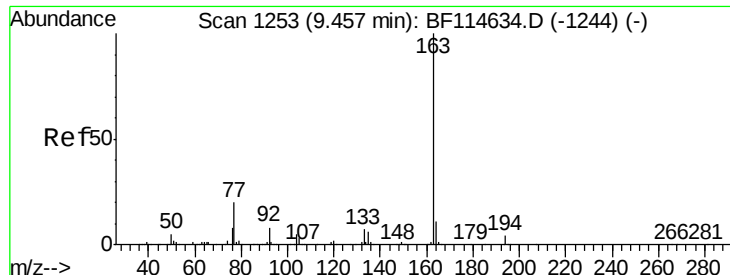
#45
 2-Fluorobiphenyl
 Concen: 35.713 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Tgt Ion:172 Resp: 3851883
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.6 47.4
 170 26.7 21.5 32.3



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: 4.073 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.26 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Instrument :

BNA_F

ClientSampleId :

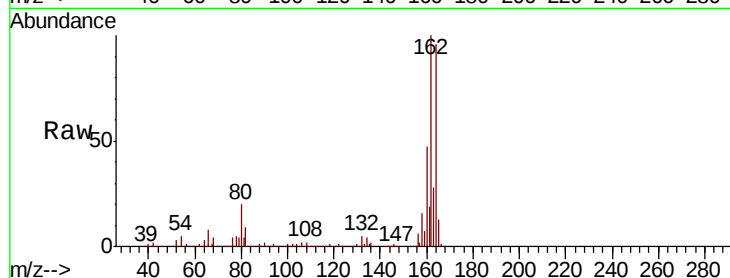
Tot Ion:163 Resp: 456440

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

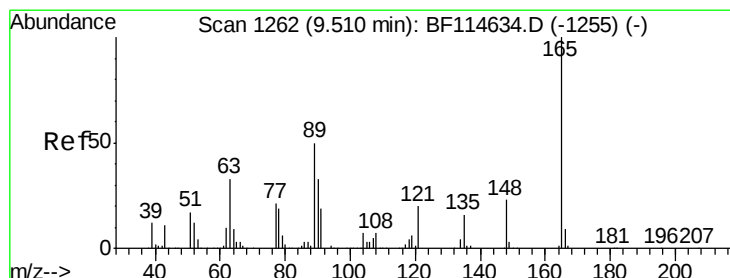
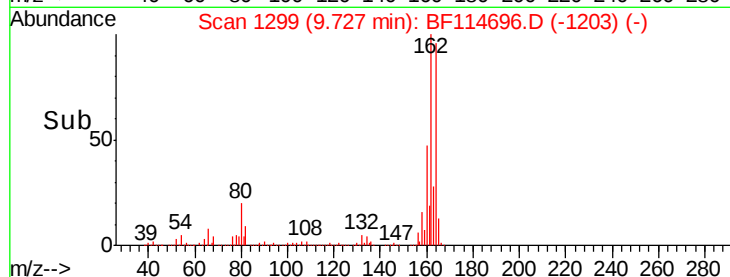
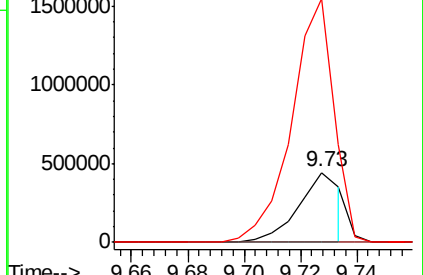
164 349.1 9.1 13.7#



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: 8.214 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

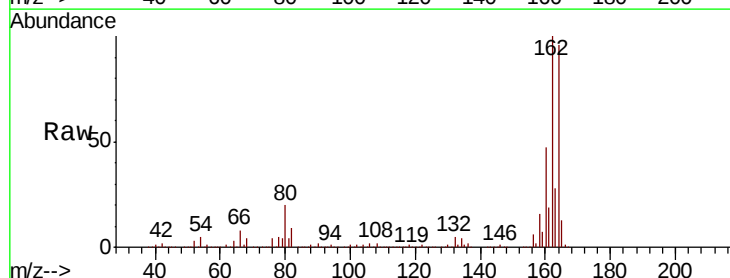
Tgt Ion:165 Resp: 213902

Ion Ratio Lower Upper

165 100

63 1.2 40.7 61.1#

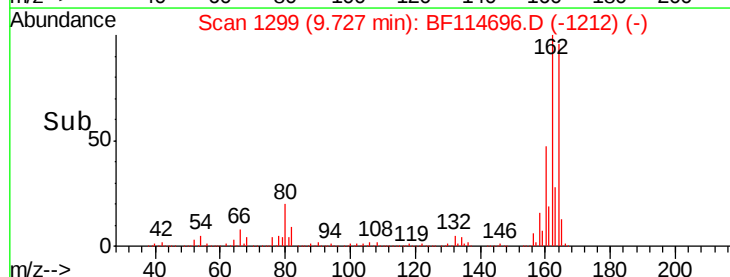
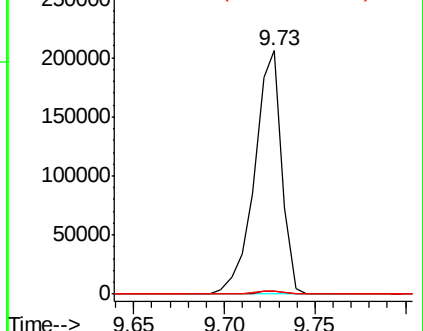
89 1.4 42.6 63.8#

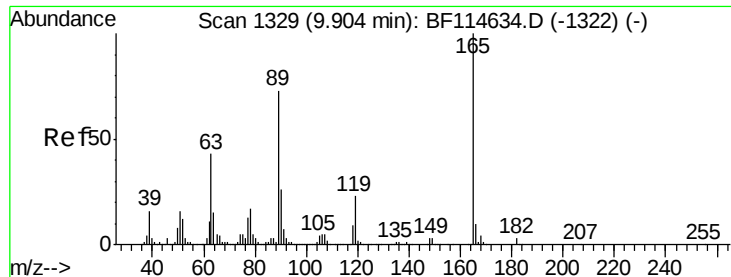


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

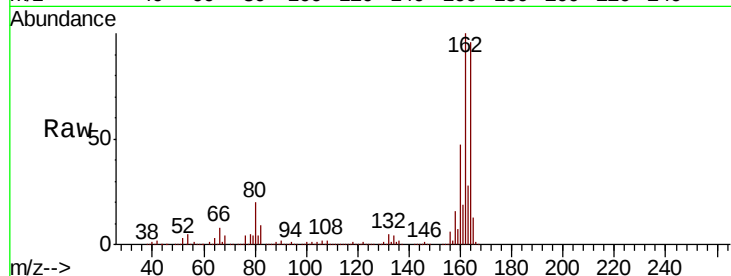




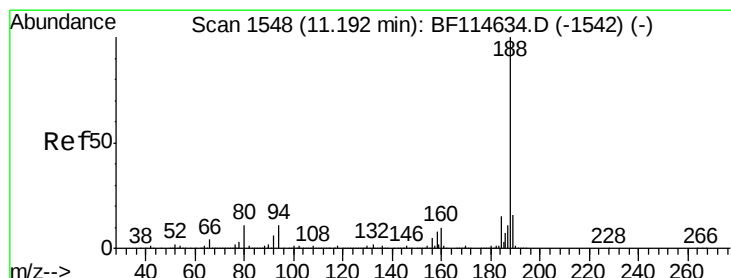
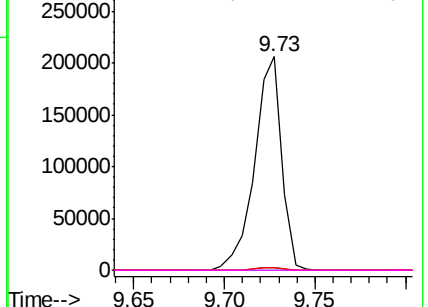
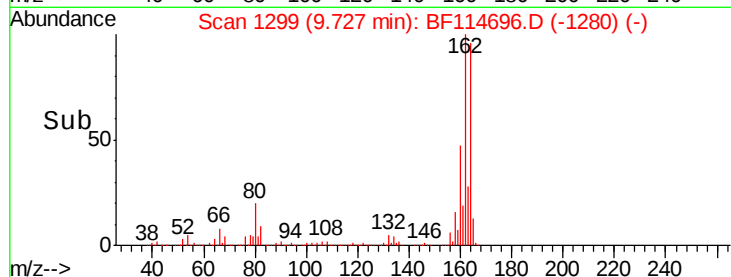
#57
 2,4-Dinitrotoluene
 Concen: 6.401 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.19 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 213902
 Ion Ratio Lower Upper
 165 100
 63 1.2 32.5 48.7#
 89 1.4 54.9 82.3#
 182 0.0 2.2 3.2#

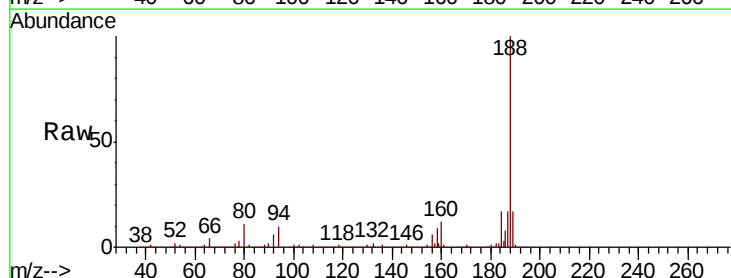


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

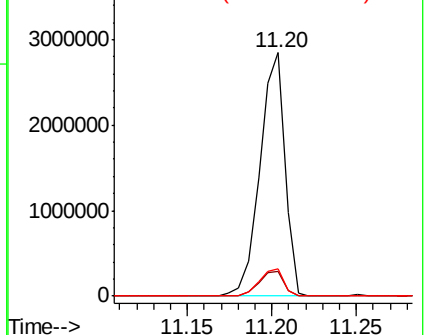
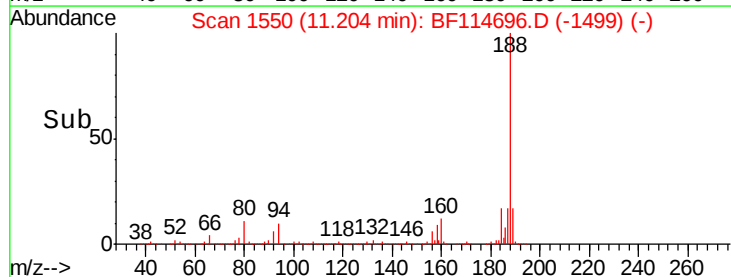


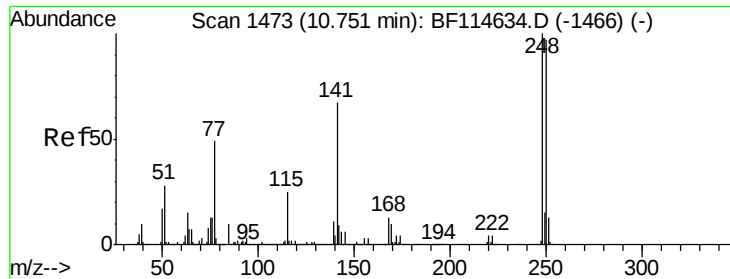
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF114696.D
 Acq: 31 May 2019 9:48

Tgt Ion:188 Resp: 2934162
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.6 11.4
 80 11.0 8.2 12.2



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

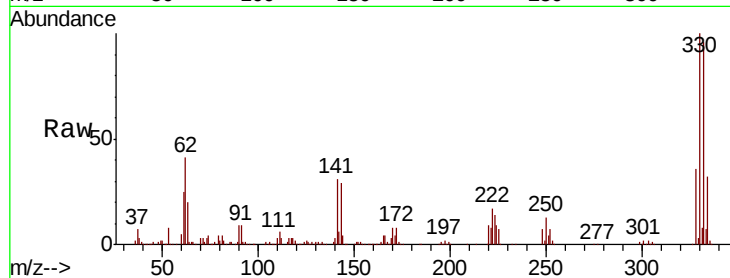




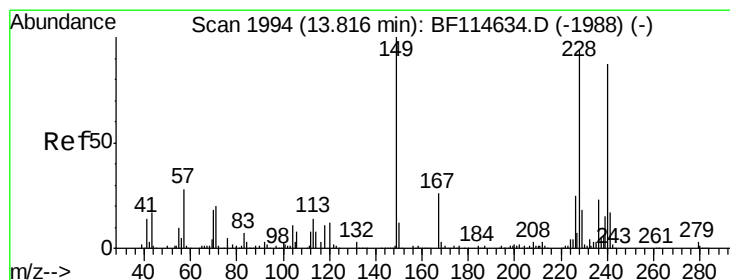
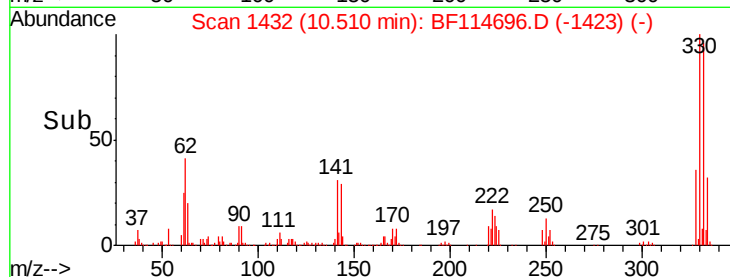
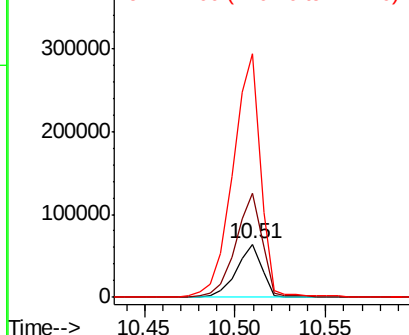
#67
4-Bromophenyl-phenylether
Concen: 2.007 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 63147
Ion Ratio Lower Upper
248 100
250 194.5 76.8 115.2#
141 456.6 56.6 84.8#

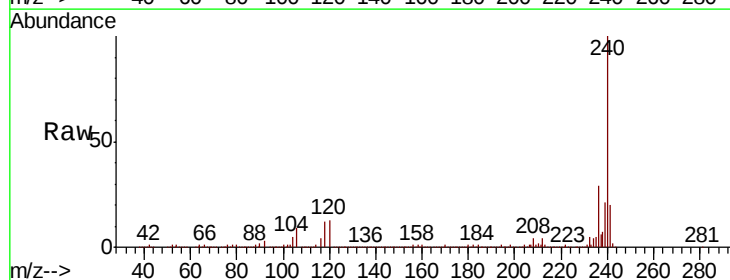


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

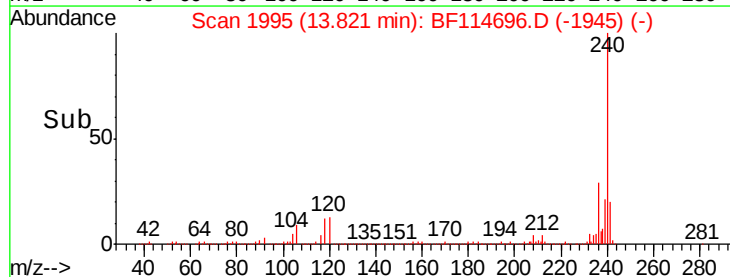
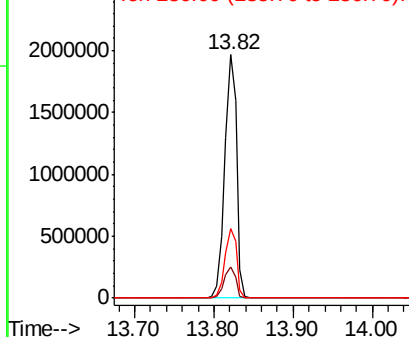


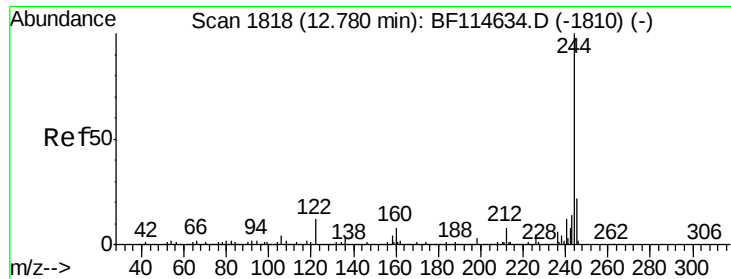
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF114696.D
Acq: 31 May 2019 9:48

Tgt Ion:240 Resp: 2035001
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 28.8 21.9 32.9



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: 35.561 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

Instrument :

BNA_F

ClientSampled :

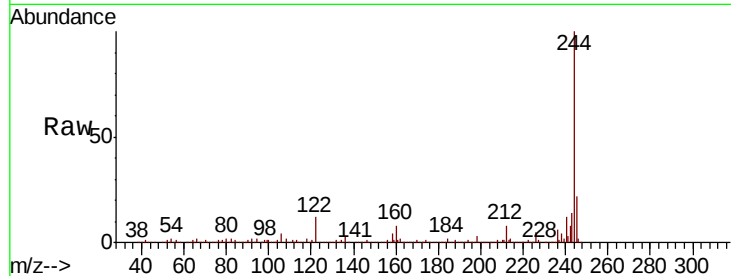
Tot Ion:244 Resp: 3849005

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

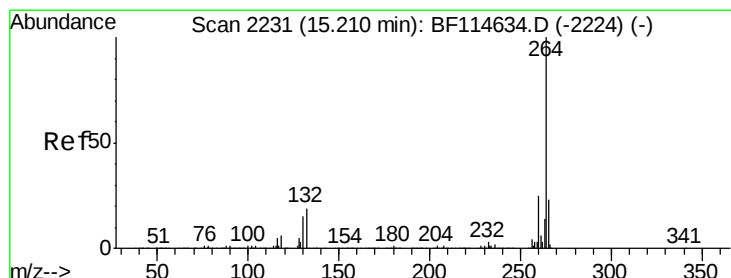
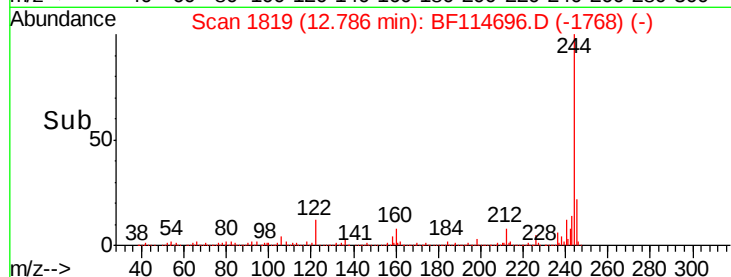
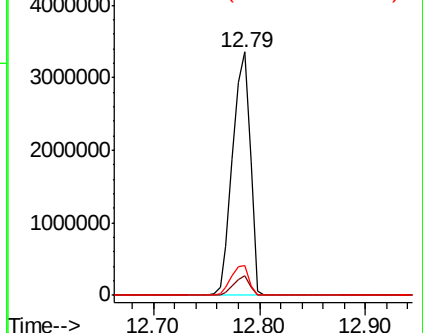
122 12.0 10.2 15.2



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# 2232

Delta R.T. -0.00 min

Lab File: BF114696.D

Acq: 31 May 2019 9:48

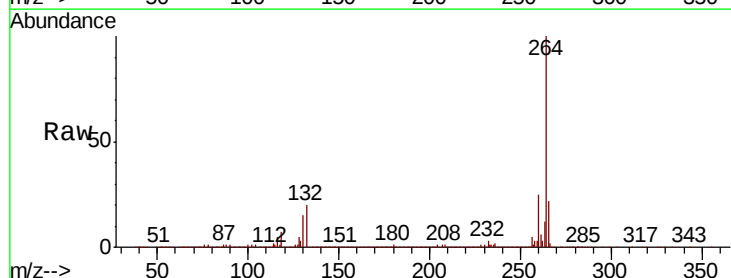
Tgt Ion:264 Resp: 1790744

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 22.0 18.0 27.0



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

