

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114718.D
 Acq On : 31 May 2019 20:34
 Operator : HP/JU
 Sample : K3051-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

Quant Time: Jun 01 00:27:10 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	422993	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1611845	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	781090	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1405286	20.00	ng	0.00
76) Chrysene-d12	13.82	240	939363	20.00	ng	0.00
87) Perylene-d12	15.20	264	839859	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1965733	81.59	ng	0.01
7) Phenol-d6	6.33	99	2444083	84.19	ng	0.00
23) Nitrobenzene-d5	7.25	82	1498035	57.98	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	652330	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2669361	59.37	ng	0.00
79) Terphenyl-d14	12.77	244	2529714	50.63	ng	0.00

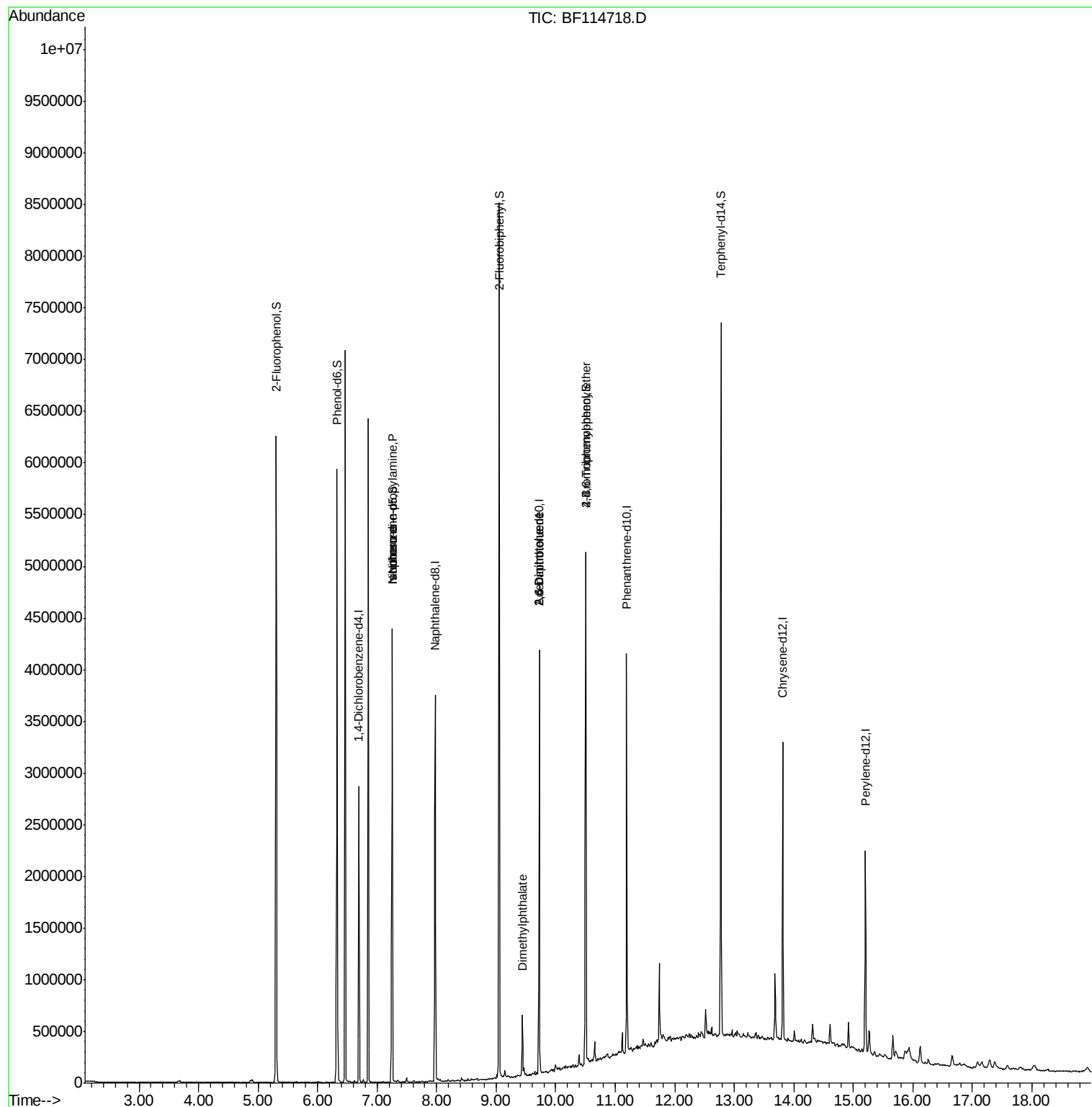
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	4380	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	204873	10.223	ng	# 76
25) Isophorone	7.25	82	1450713	27.980	ng	# 63
50) Dimethylphthalate	9.44	163	216934	3.986	ng	# 98
51) 2,6-Dinitrotoluene	9.72	165	101356	8.014	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	101659	6.263	ng	# 24
58) Fluorene	10.26	166	3143	Below Cal	#	83
61) 4-Chlorophenyl-phenylether	10.26	204	123	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	42000	2.787	ng	# 1
69) Atrazine	10.90	200	496	Below Cal	#	1
74) Di-n-butylphthalate	11.76	149	4230	Below Cal	#	52

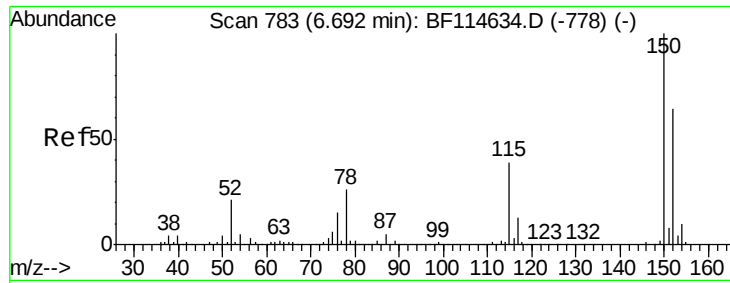
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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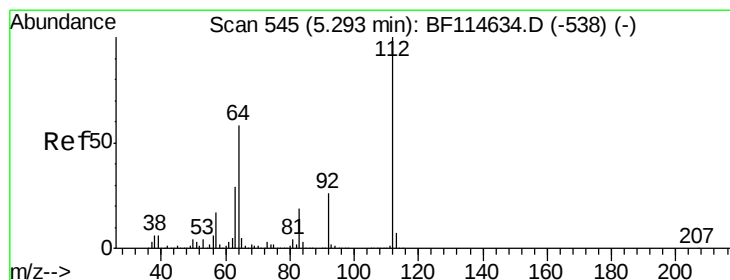
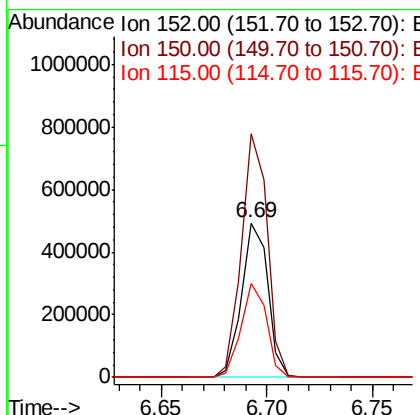
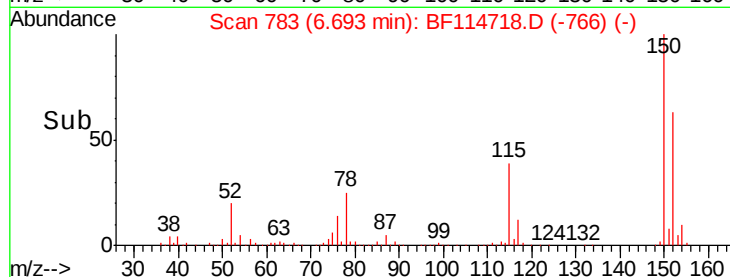
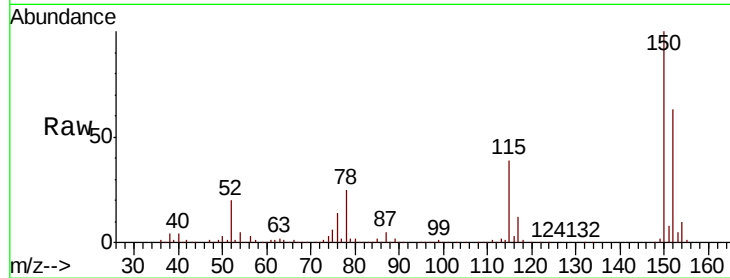




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF114718.D
 Acq: 31 May 2019 20:34

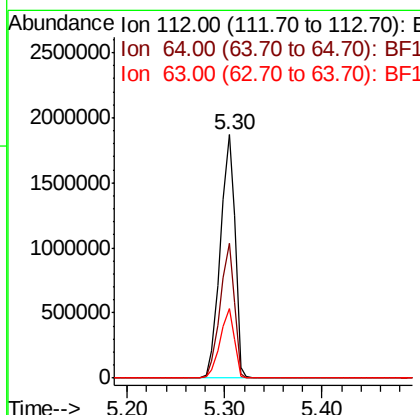
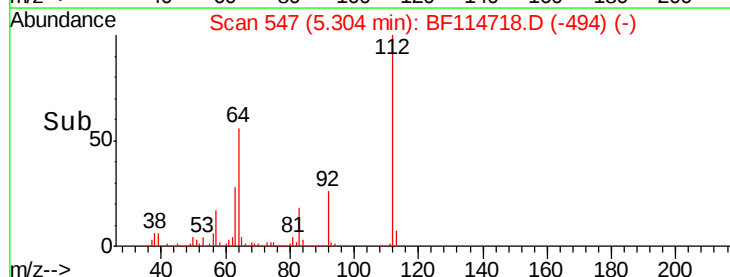
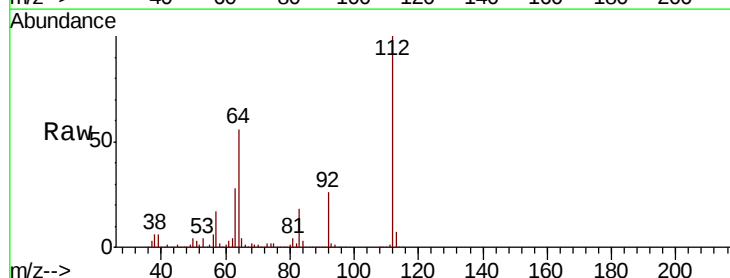
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

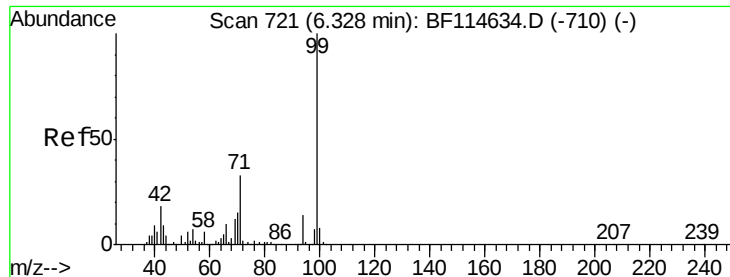
Tgt Ion:152 Resp: 422993
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.4 186.6
 115 60.9 48.7 73.1



#5
 2-Fluorophenol
 Concen: 81.591 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114718.D
 Acq: 31 May 2019 20:34

Tgt Ion:112 Resp: 1965733
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.1 69.1
 63 28.4 23.4 35.2





#7

Phenol-d6

Concen: 84.185 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

Instrument :

BNA_F

ClientSampled :

SP-1-A

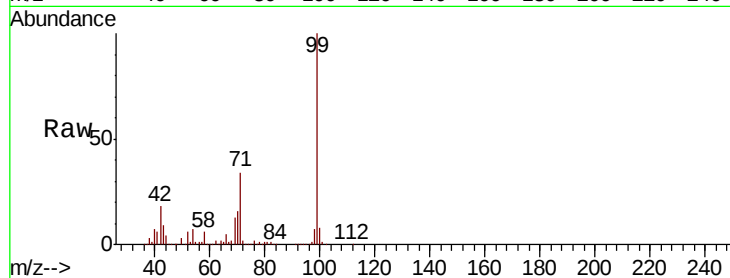
Tgt Ion: 99 Resp: 2444083

Ion Ratio Lower Upper

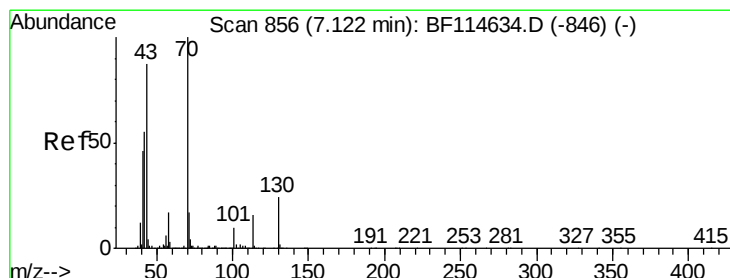
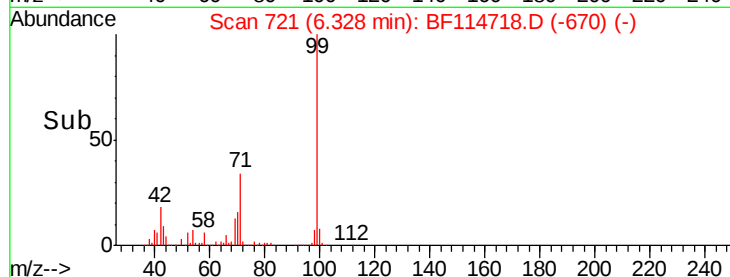
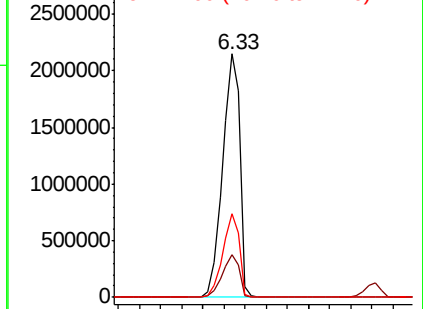
99 100

42 17.5 14.7 22.1

71 34.1 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: 10.223 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

Tgt Ion: 70 Resp: 204873

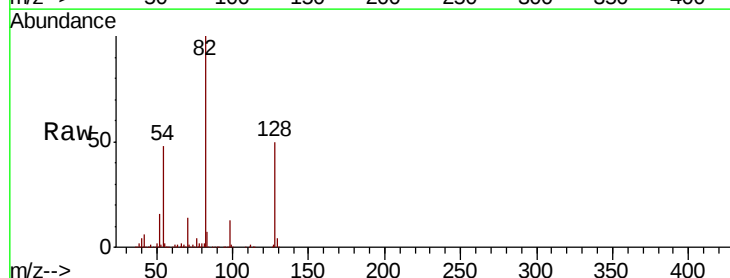
Ion Ratio Lower Upper

70 100

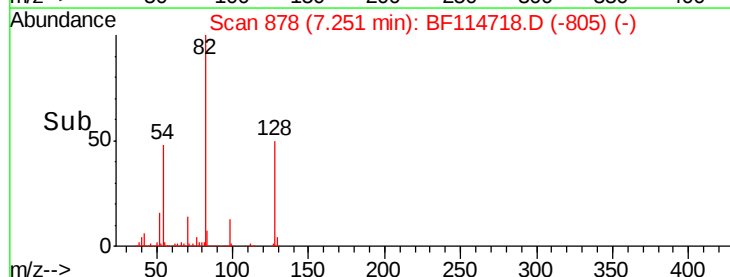
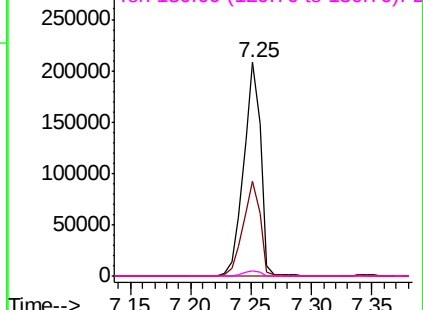
42 44.4 44.4 66.6#

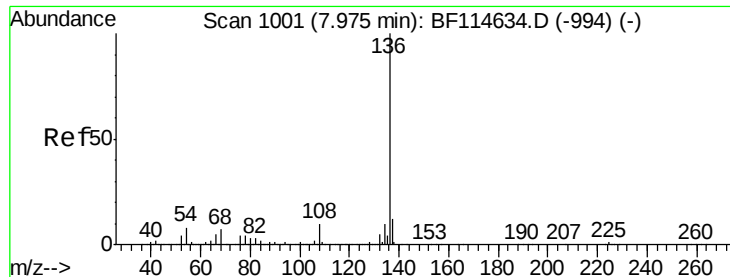
101 0.0 8.2 12.4#

130 2.4 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

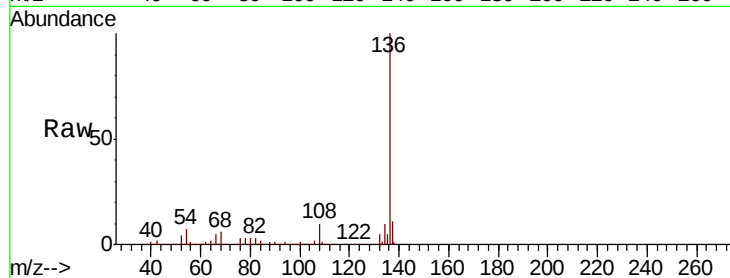




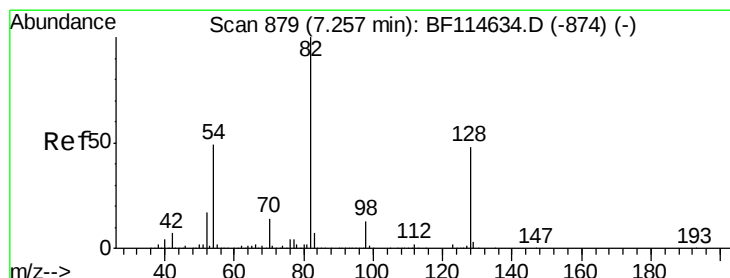
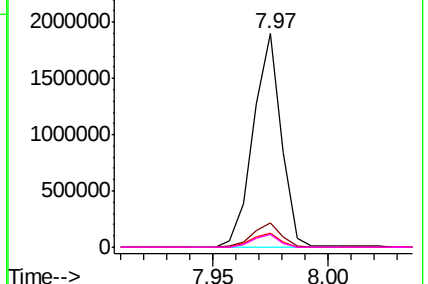
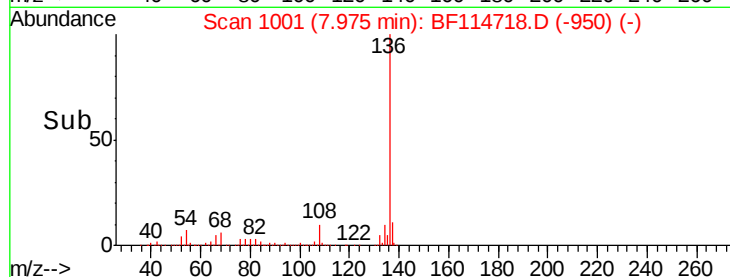
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampleID :
SP-1-A

Tgt Ion:	136	Resp:	1611845
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.8	5.4	8.0

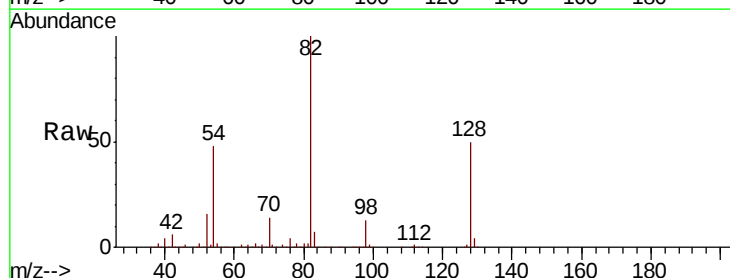


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

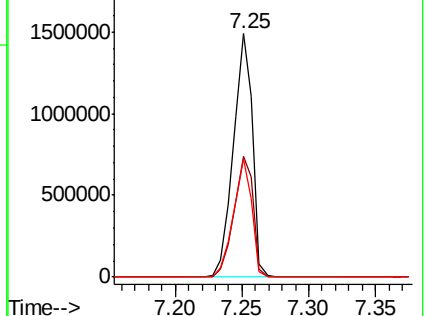
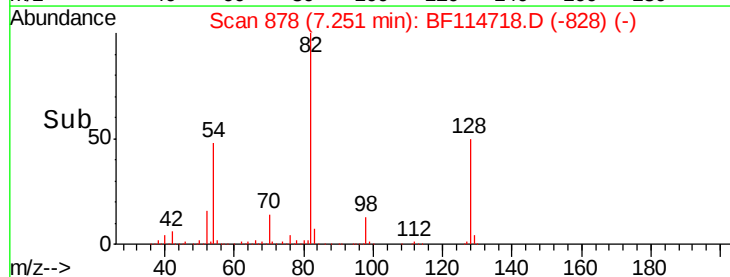


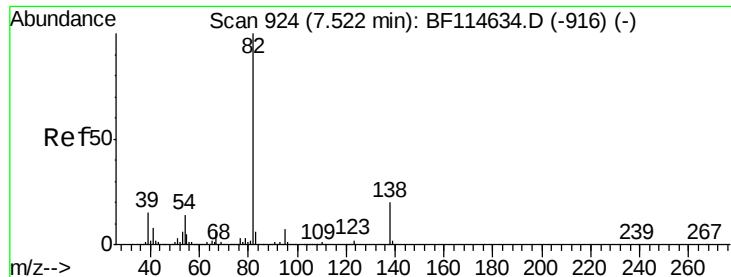
#23
Nitrobenzene-d5
Concen: 57.984 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:	82	Resp:	1498035
Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.5	57.7
54	48.4	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: 27.980 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A

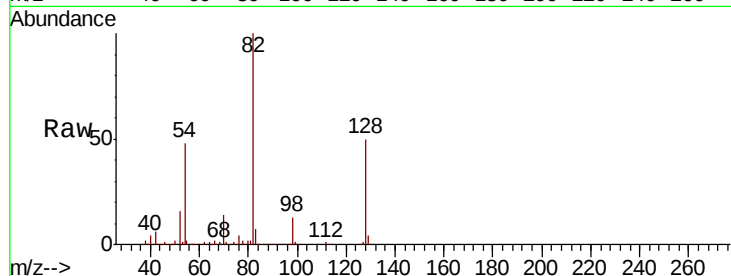
Tgt Ion: 82 Resp: 1450713

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

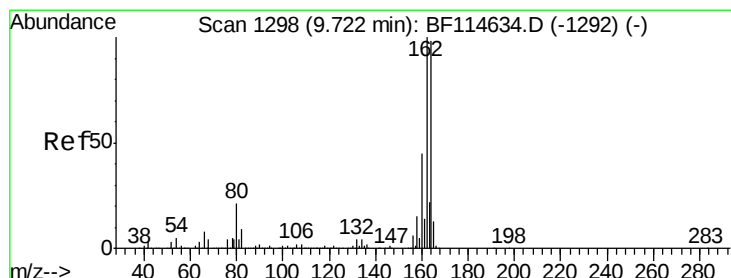
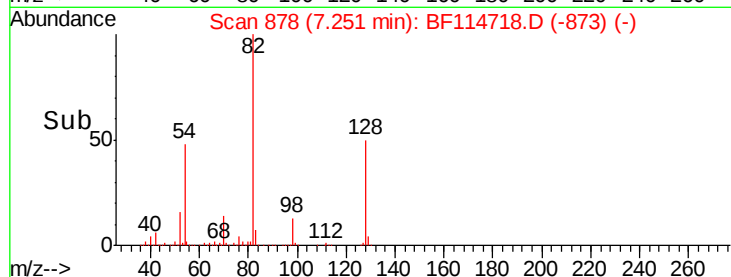
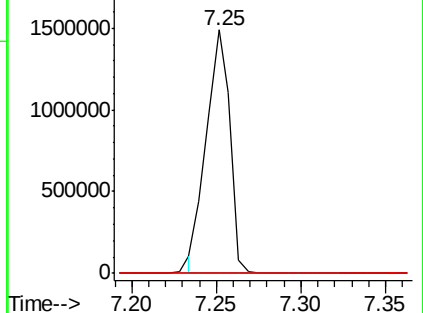
138 0.0 15.9 23.9#



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: BF114718.D

Acq: 31 May 2019 20:34

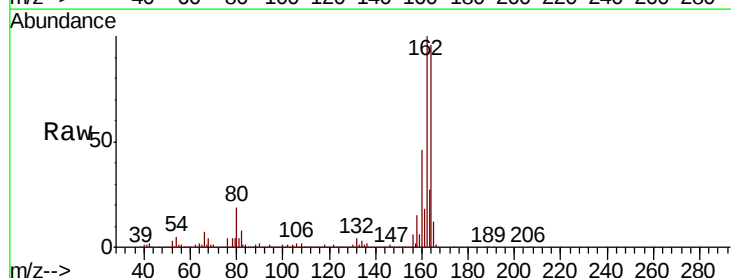
Tgt Ion: 164 Resp: 781090

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.2

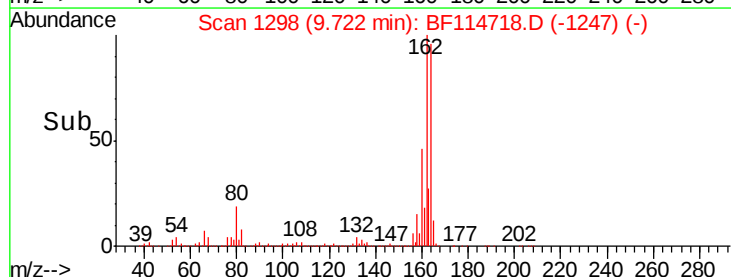
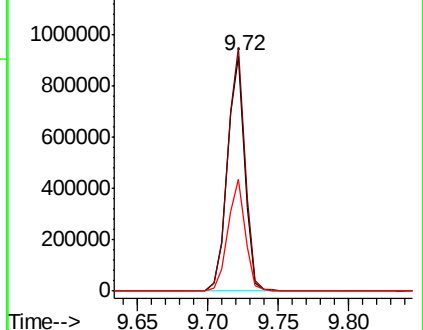
160 47.4 36.6 54.8

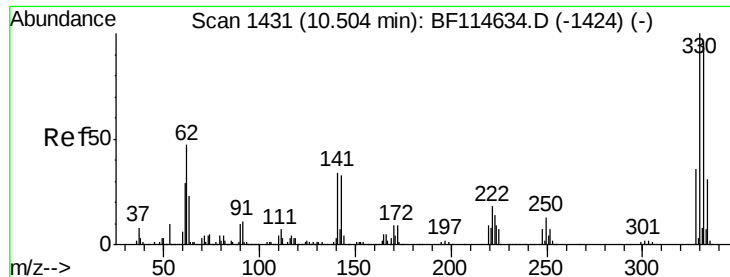


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

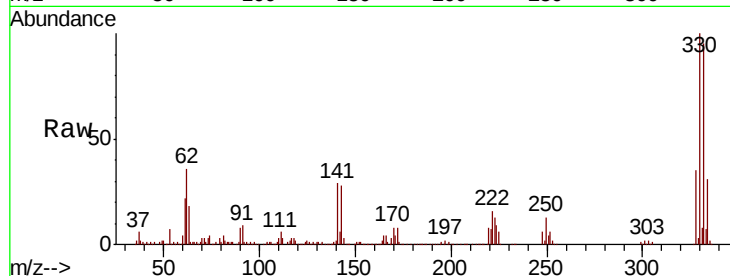




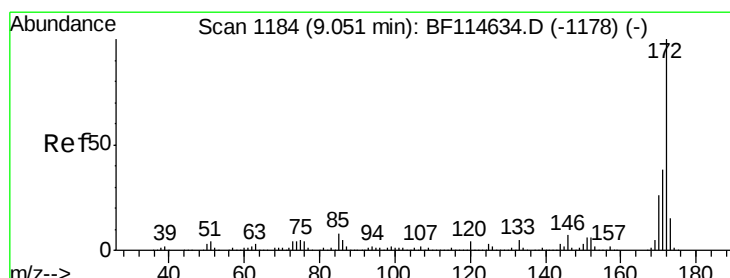
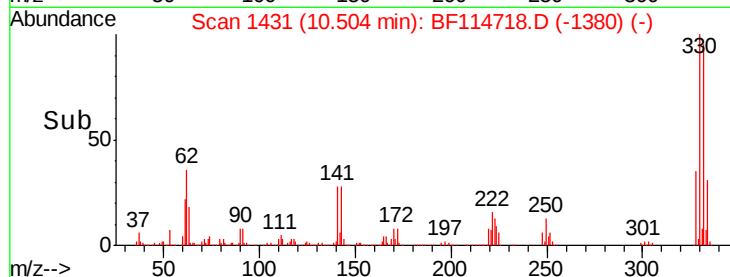
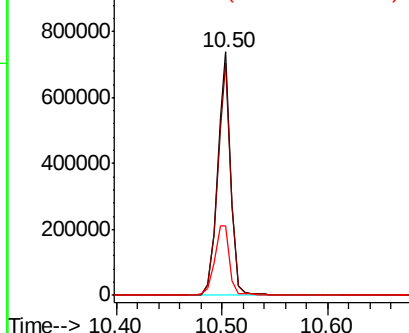
#42
 2,4,6-Tribromophenol
 Concen: 87.649 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114718.D
 Acq: 31 May 2019 20:34

Instrument :
 BNA_F
 ClientSampled :
 SP-1-A

Tgt Ion:330 Resp: 652330
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.8
 141 32.8 27.8 41.8

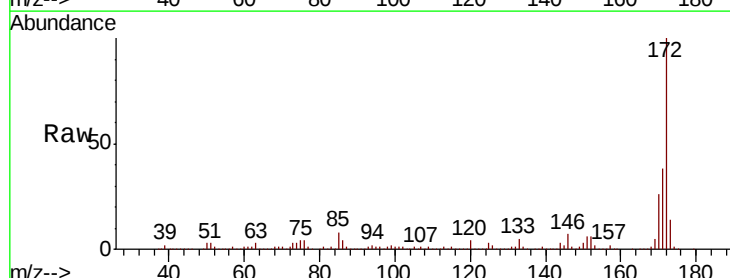


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

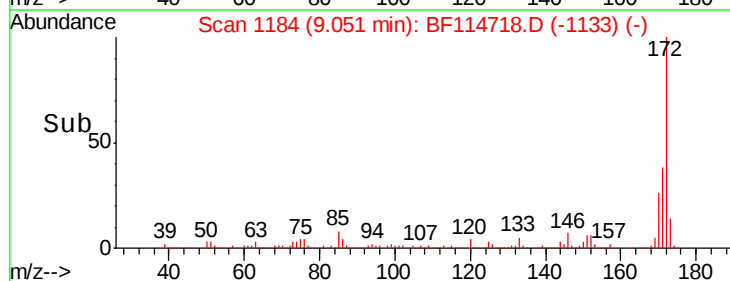
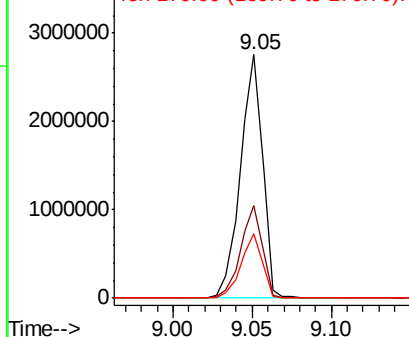


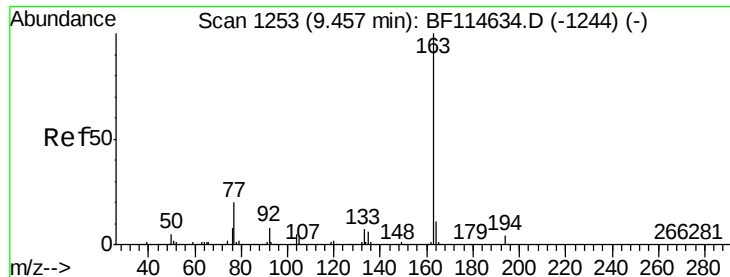
#45
 2-Fluorobiphenyl
 Concen: 59.372 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114718.D
 Acq: 31 May 2019 20:34

Tgt Ion:172 Resp: 2669361
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.6 45.8
 170 26.3 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: 3.986 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A

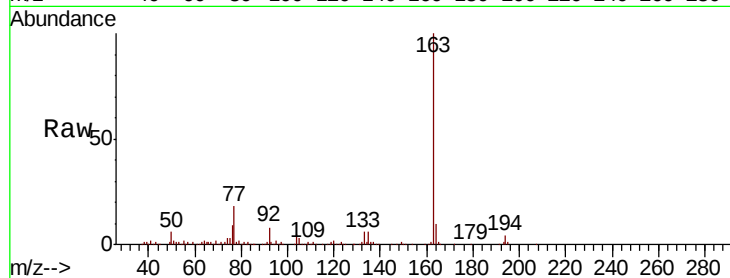
Tgt Ion:163 Resp: 216934

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

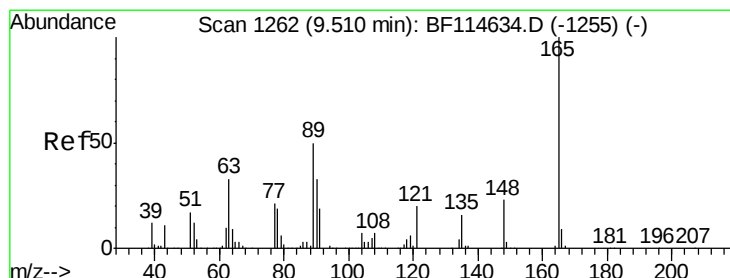
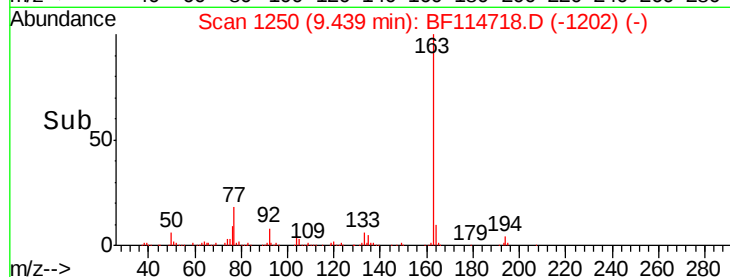
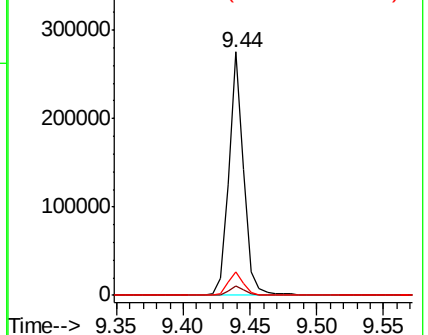
164 9.8 8.6 13.0



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: 8.014 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

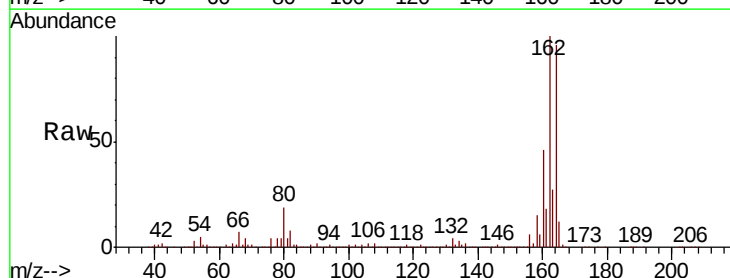
Tgt Ion:165 Resp: 101356

Ion Ratio Lower Upper

165 100

63 1.1 36.6 54.8#

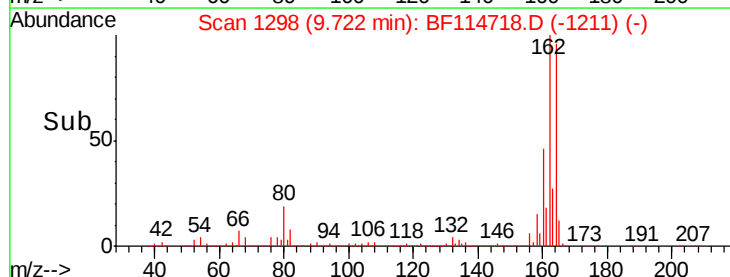
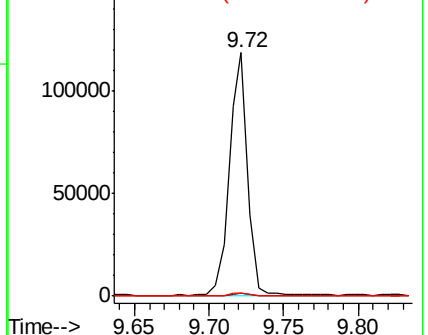
89 1.5 40.2 60.4#

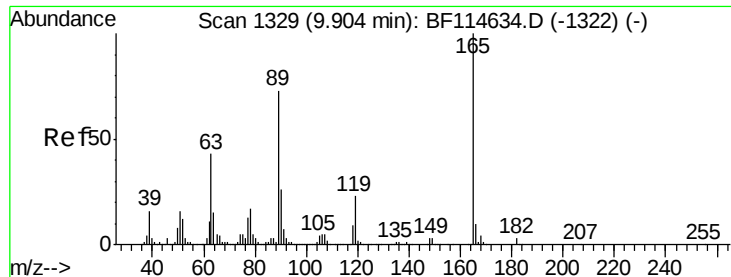


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

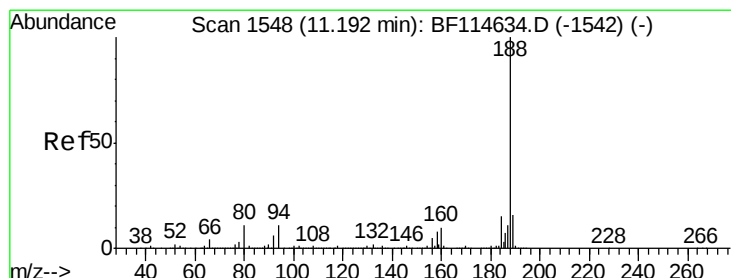
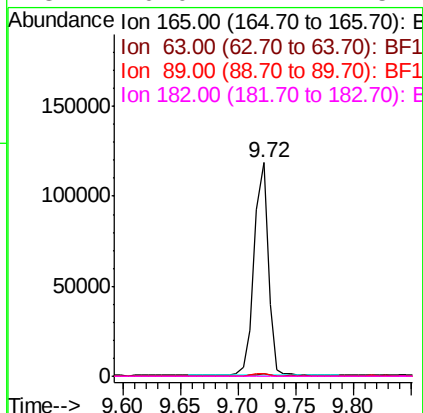
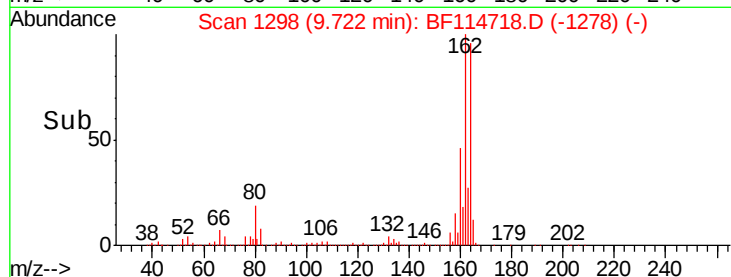
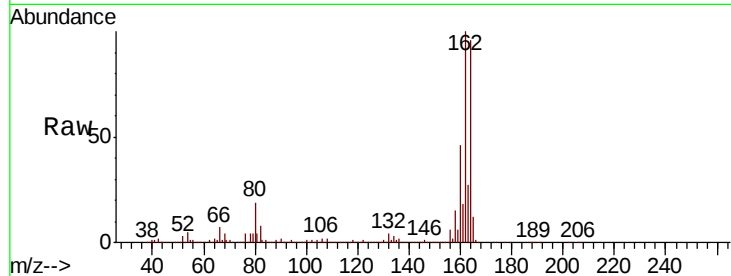




#57
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

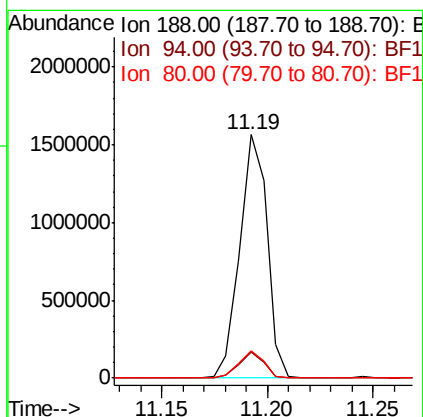
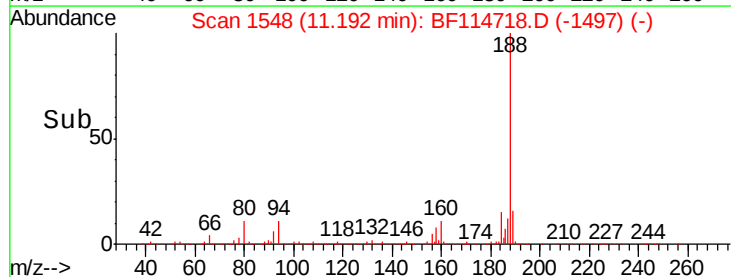
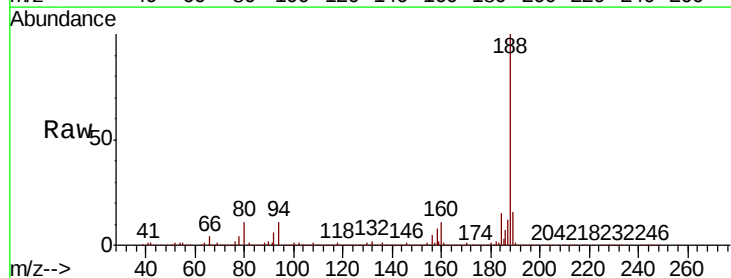
Instrument :
BNA_F
ClientSampleId :
SP-1-A

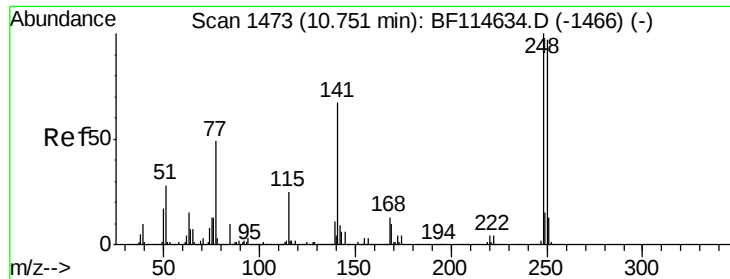
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.5	58.5	87.7#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	11.0	9.0	13.6

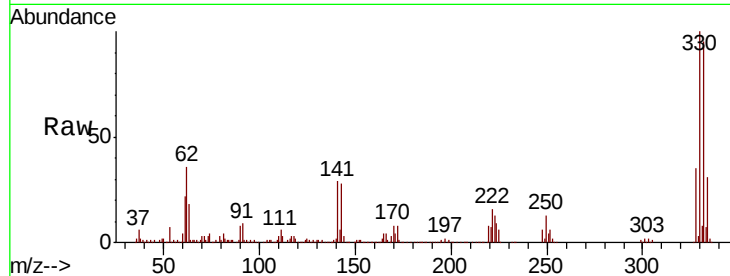




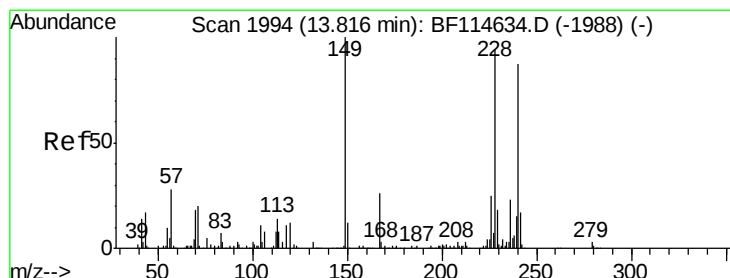
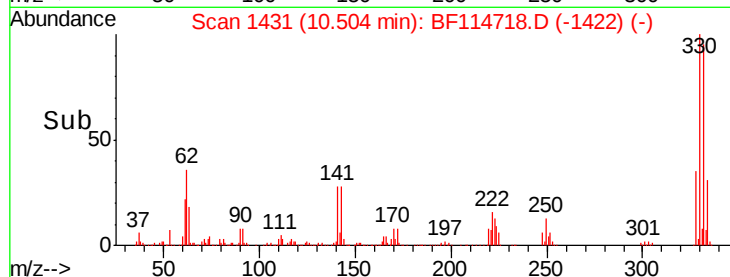
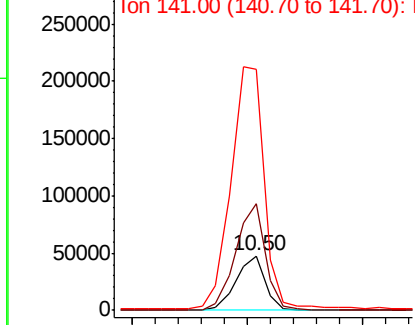
#67
4-Bromophenyl-phenylether
Concen: 2.787 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Instrument :
BNA_F
ClientSampled :
SP-1-A

Tgt Ion:248 Resp: 42000
Ion Ratio Lower Upper
248 100
250 195.8 78.0 117.0#
141 445.3 53.8 80.8#

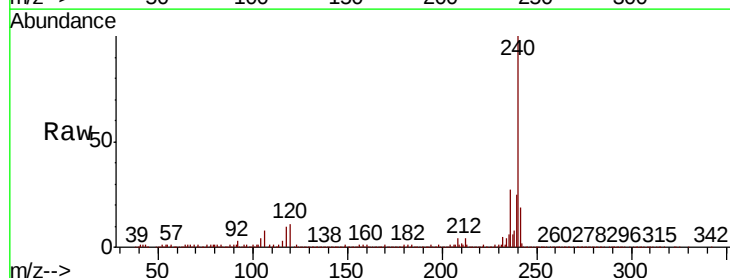


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

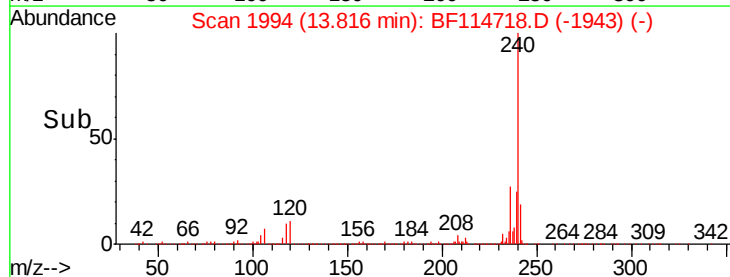
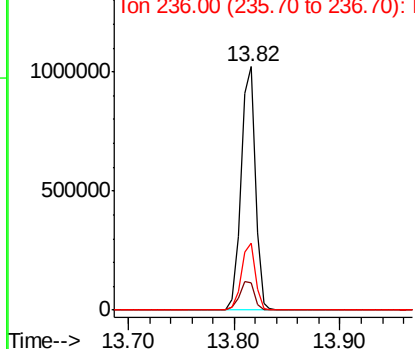


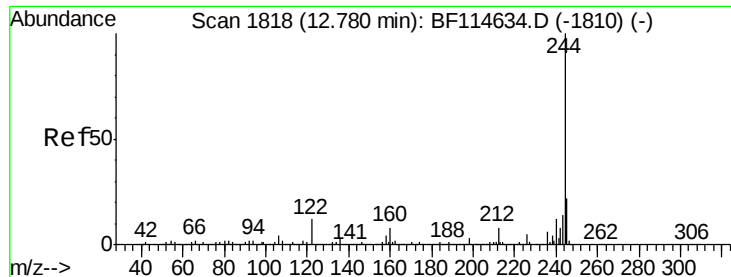
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114718.D
Acq: 31 May 2019 20:34

Tgt Ion:240 Resp: 939363
Ion Ratio Lower Upper
240 100
120 11.2 11.2 16.8#
236 27.3 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: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A

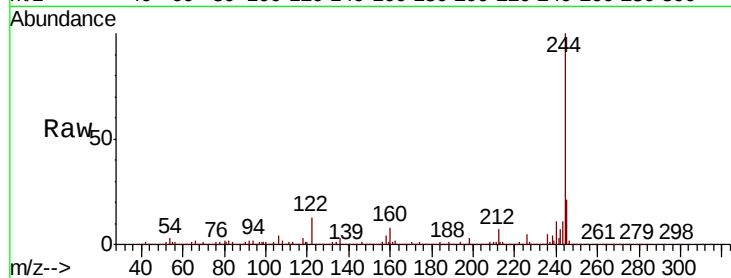
Tgt Ion:244 Resp: 2529714

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

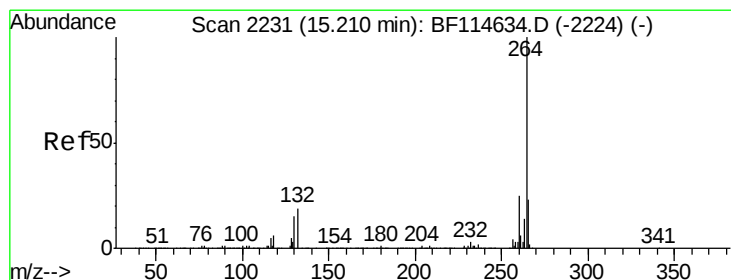
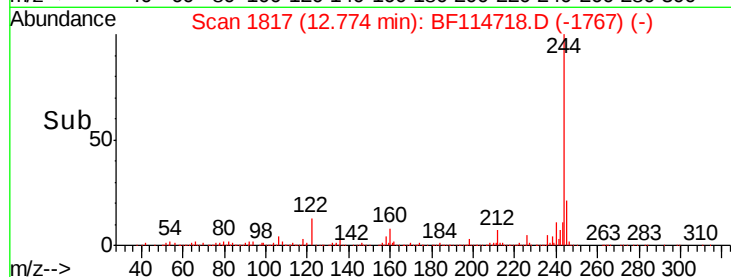
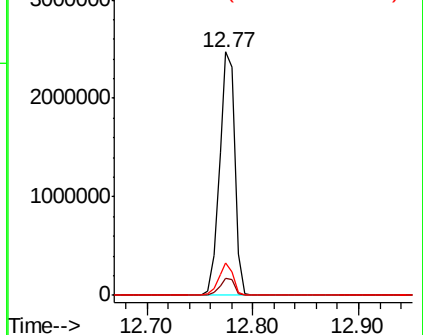
122 13.3 9.8 14.8



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# 2230

Delta R.T. -0.01 min

Lab File: BF114718.D

Acq: 31 May 2019 20:34

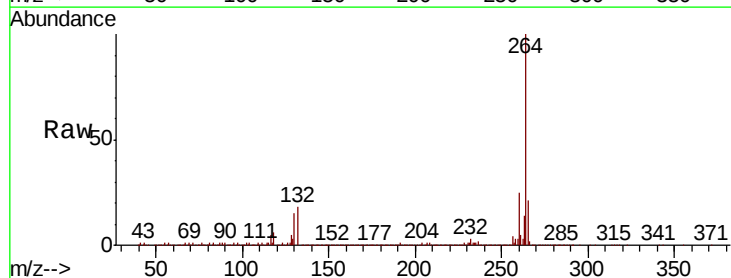
Tgt Ion:264 Resp: 839859

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.5 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

