

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114739.D
 Acq On : 1 Jun 2019 5:52
 Operator : HP/JU
 Sample : K2648-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

Quant Time: Jun 01 06:36:51 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	452797	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1683444	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	743421	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1208444	20.00	ng	0.00
76) Chrysene-d12	13.81	240	808669	20.00	ng	0.00
87) Perylene-d12	15.20	264	746179	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2931693	113.68	ng	0.03
7) Phenol-d6	6.33	99	3244510	104.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	2480564	91.93	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	888169	125.38	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	4075942	107.16	ng	0.00
79) Terphenyl-d14	12.78	244	3365283	78.24	ng	0.00

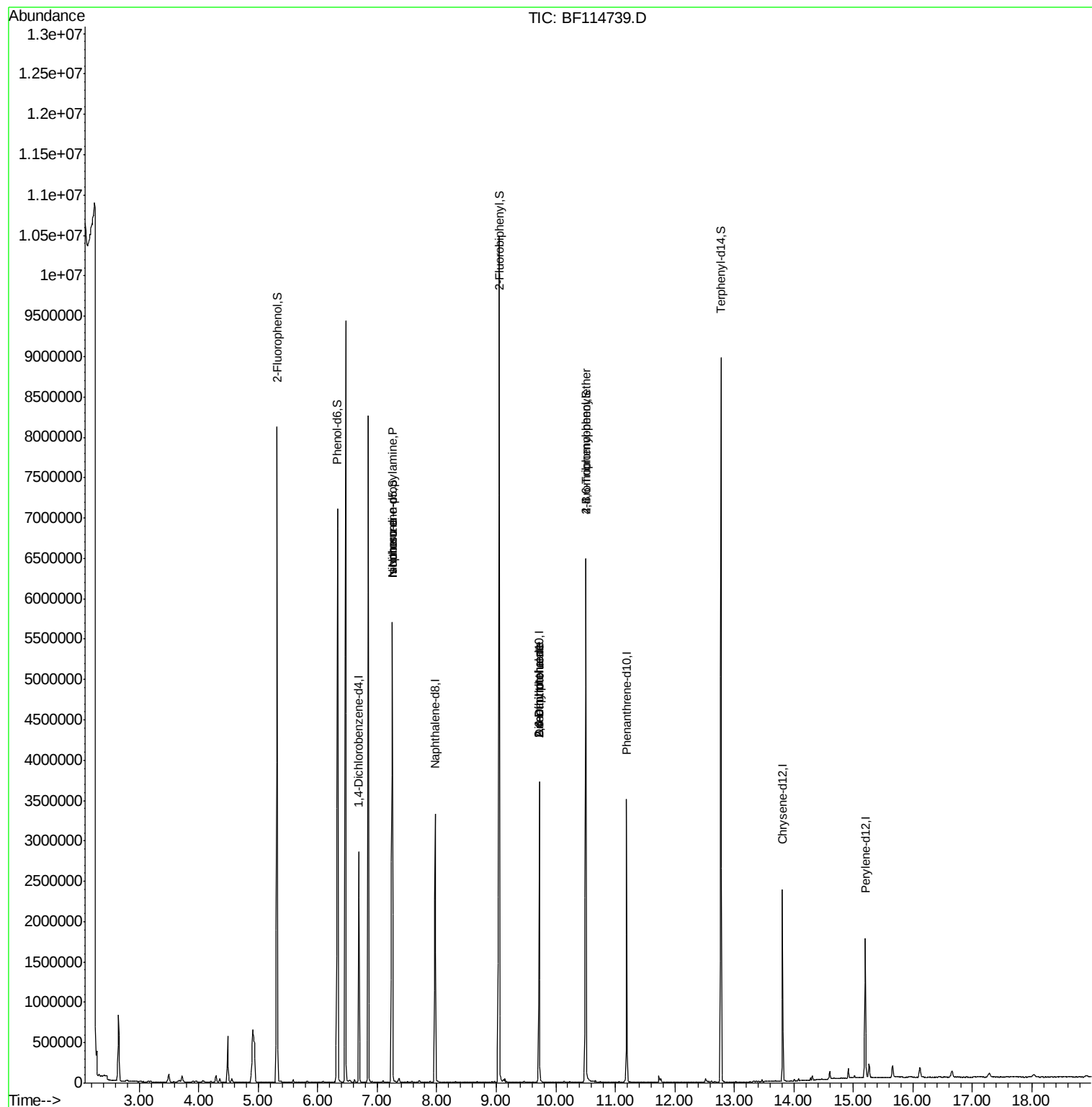
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	5586	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	340326	15.865	ng	# 77
25) Isophorone	7.26	82	2281999	42.141	ng	# 63
50) Dimethylphthalate	9.72	163	212163	4.096	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	97776	8.123	ng	# 30
57) 2,4-Dinitrotoluene	9.72	165	97776	6.329	ng	# 23
58) Fluorene	10.26	166	1228	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.50	248	56176	4.335	ng	# 1
74) Di-n-butylphthalate	11.76	149	14636	Below Cal		98

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

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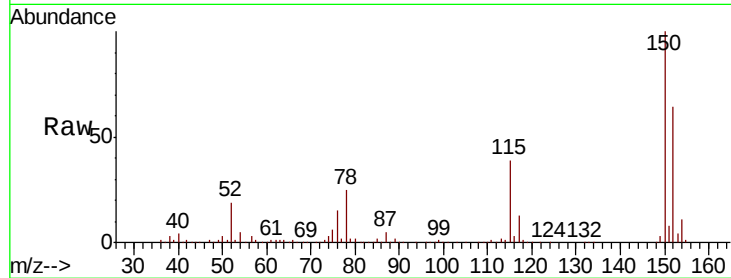




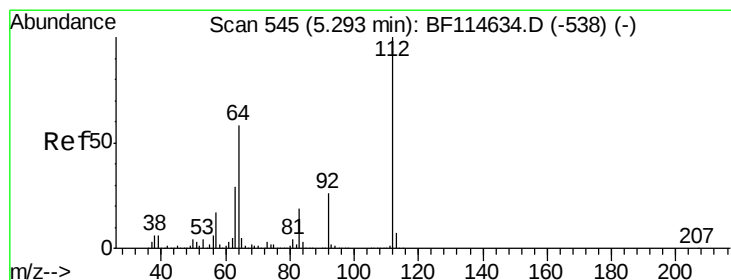
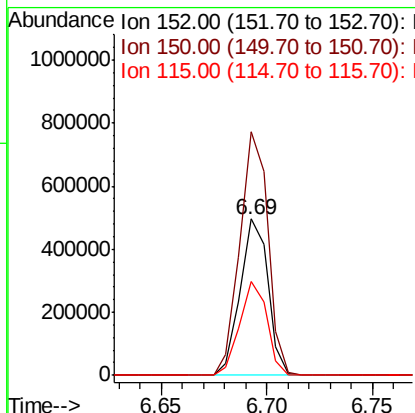
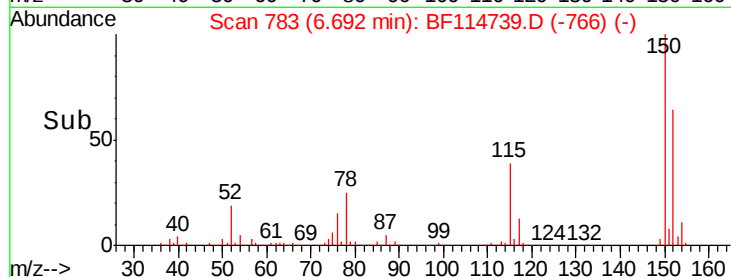
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

Tgt Ion:152 Resp: 452797
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.4 186.6
 115 60.4 48.7 73.1

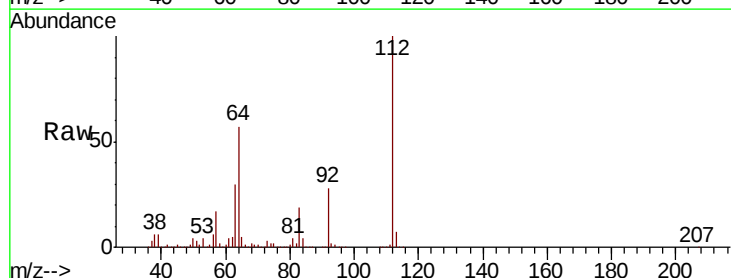


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

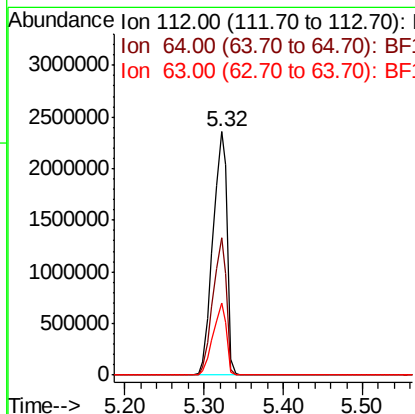
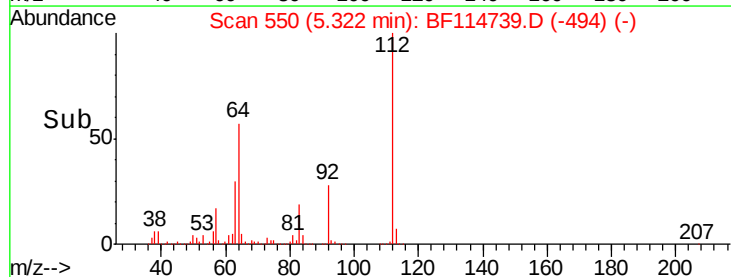


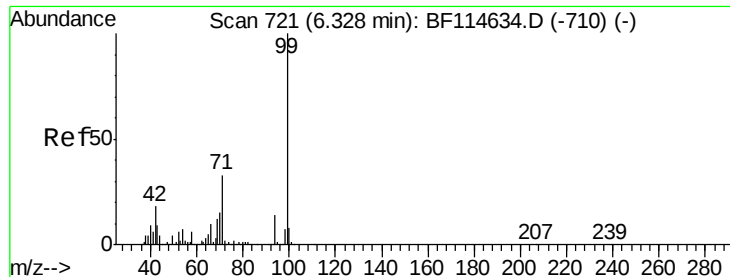
#5
 2-Fluorophenol
 Concen: 113.676 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.03 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Tgt Ion:112 Resp: 2931693
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.1 69.1
 63 29.7 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: 104.399 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

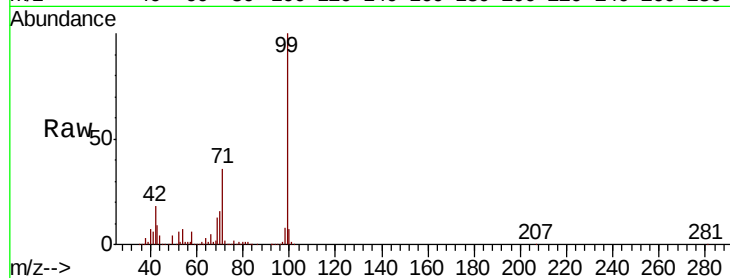
Tgt Ion: 99 Resp: 3244510

Ion Ratio Lower Upper

99 100

42 18.2 14.7 22.1

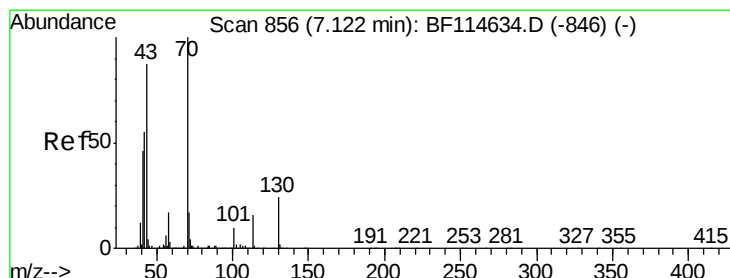
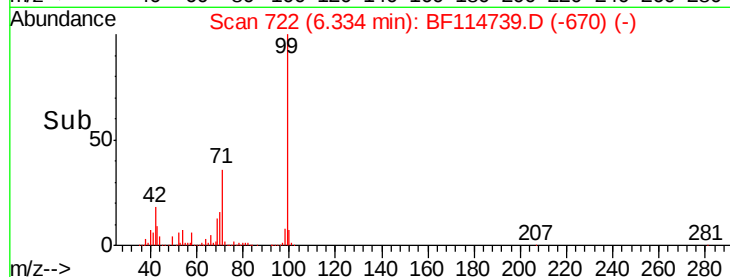
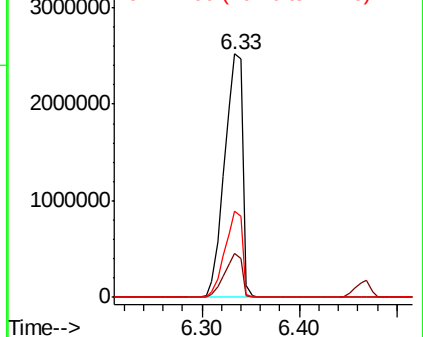
71 35.6 26.6 40.0



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: 15.865 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Tgt Ion: 70 Resp: 340326

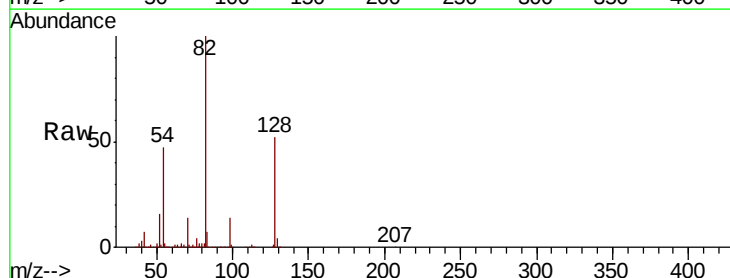
Ion Ratio Lower Upper

70 100

42 46.6 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

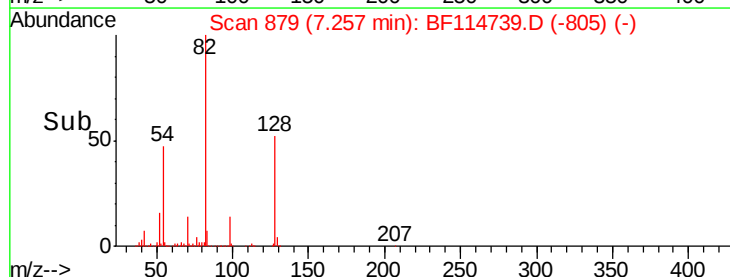
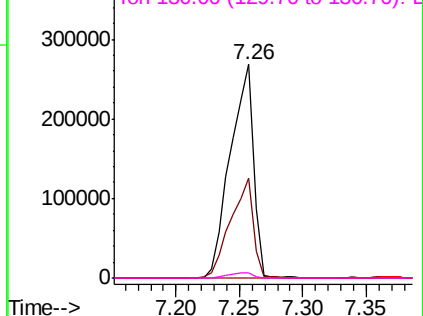


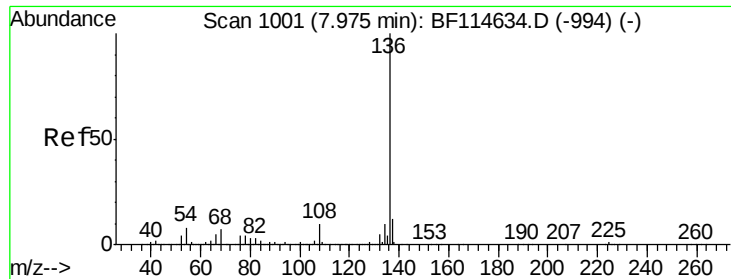
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

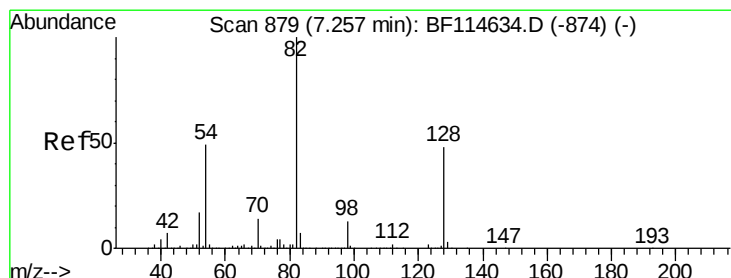
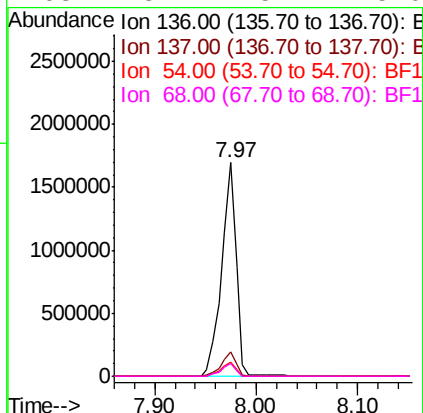
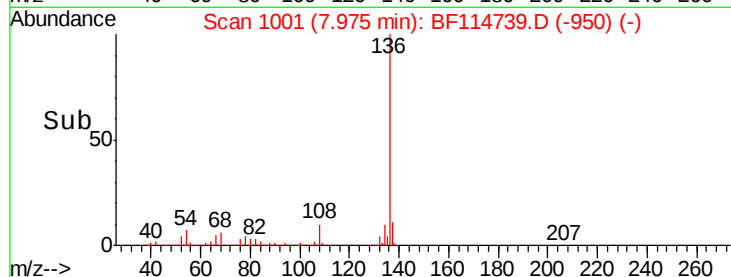
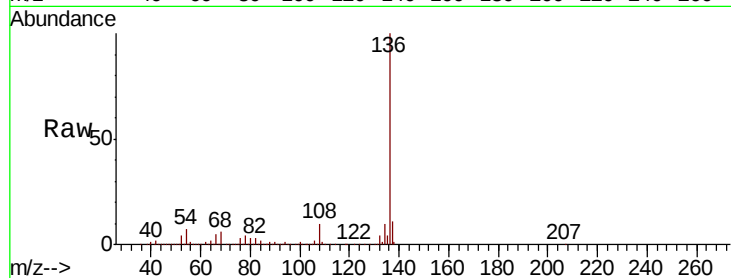




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

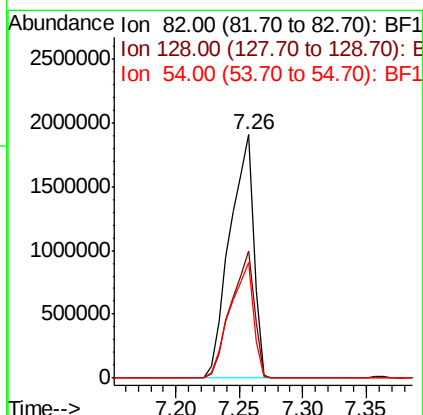
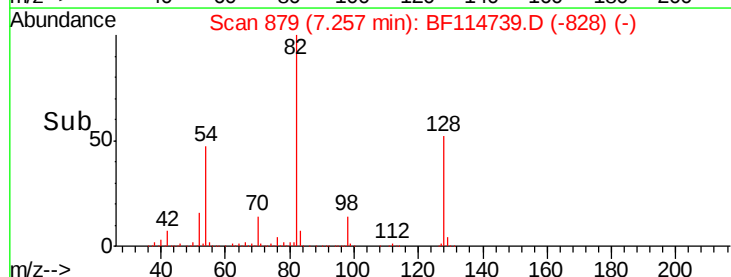
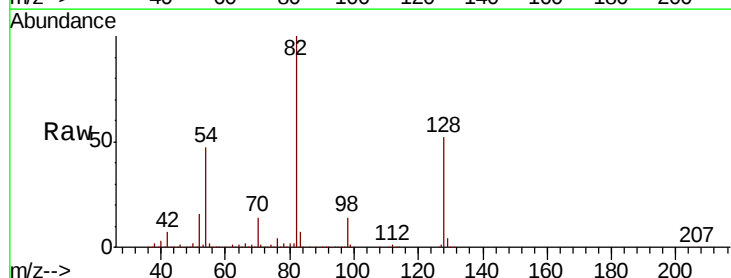
Instrument :
BNA_F
ClientSampleId :
TR-04-052919

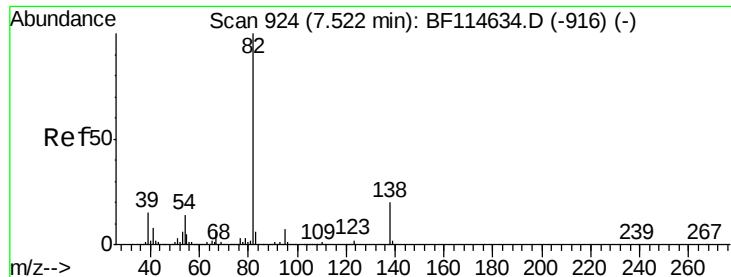
Tgt Ion:	136	Resp:	1683444
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 91.931 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:	82	Resp:	2480564
Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.5	57.7
54	47.4	39.1	58.7





#25

Isophorone

Concen: 42.141 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

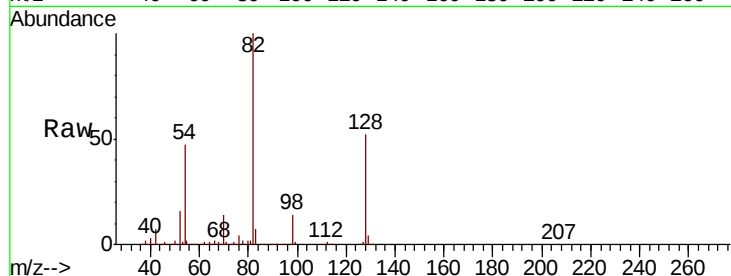
Tgt Ion: 82 Resp: 2281999

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

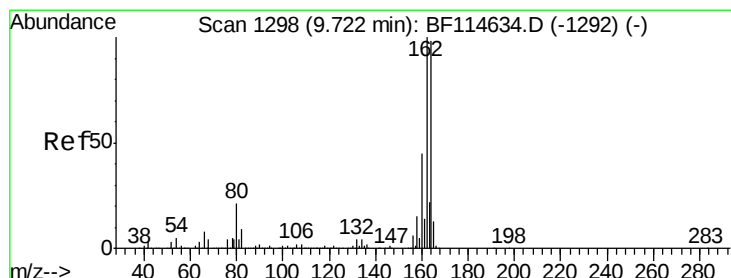
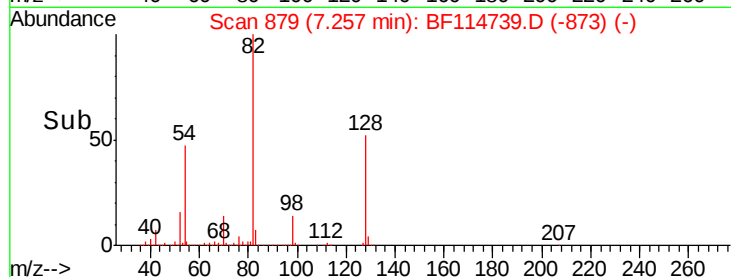
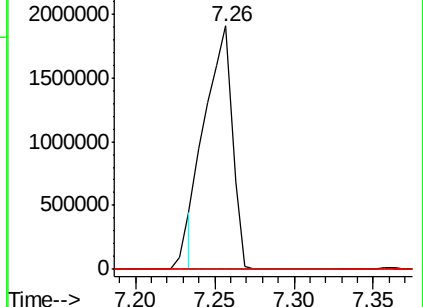
138 0.0 15.9 23.9#



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: BF114739.D

Acq: 1 Jun 2019 5:52

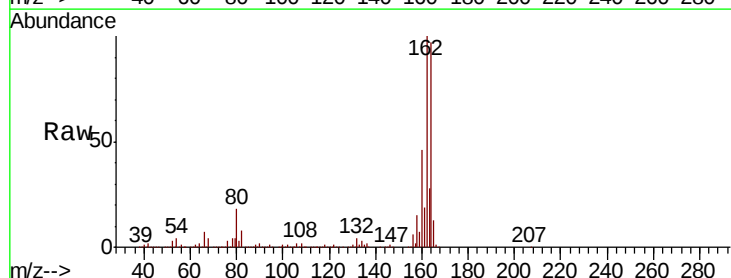
Tgt Ion: 164 Resp: 743421

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.2

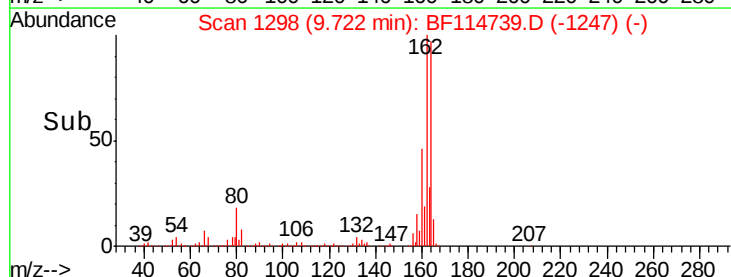
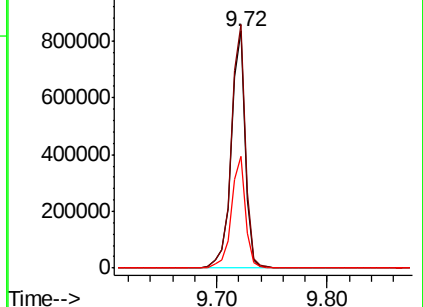
160 47.2 36.6 54.8

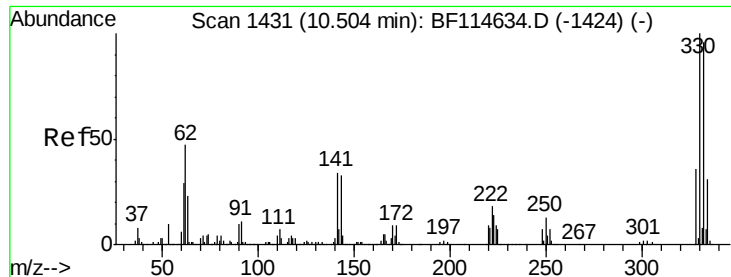


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

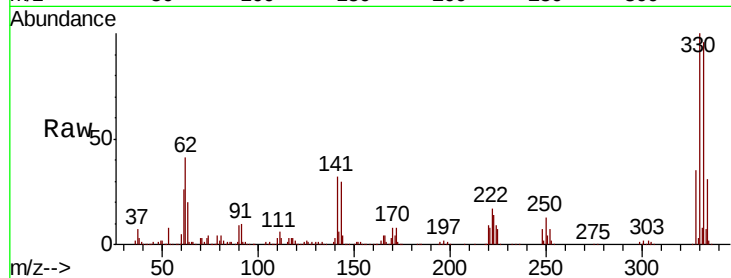




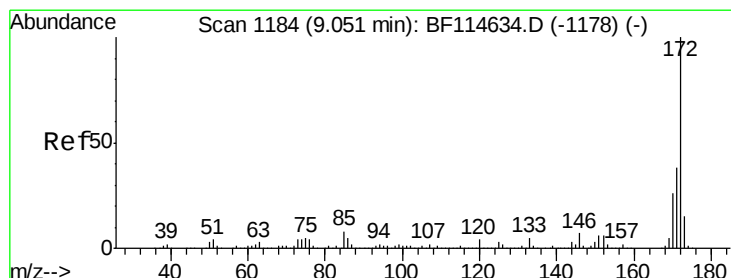
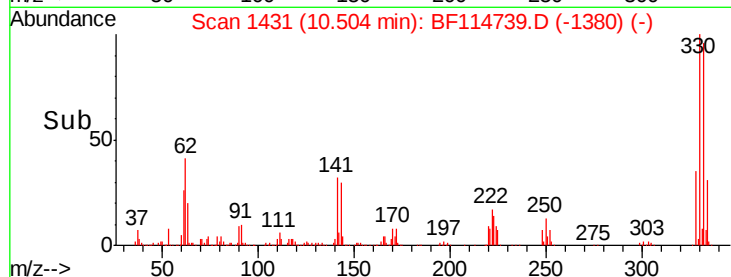
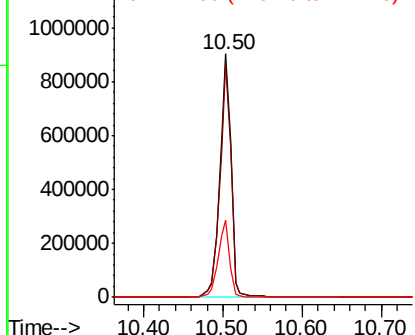
#42
 2,4,6-Tribromophenol
 Concen: 125.383 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Instrument :
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 TR-04-052919

Tgt Ion:330 Resp: 888169
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.8
 141 32.2 27.8 41.8

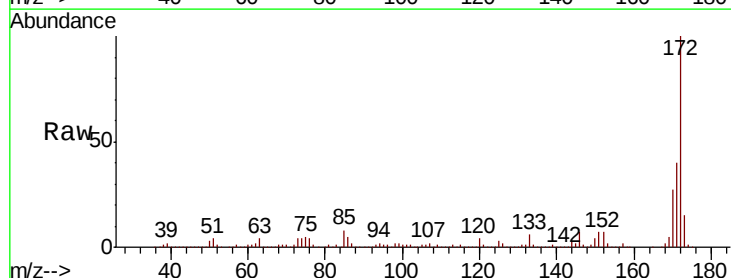


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

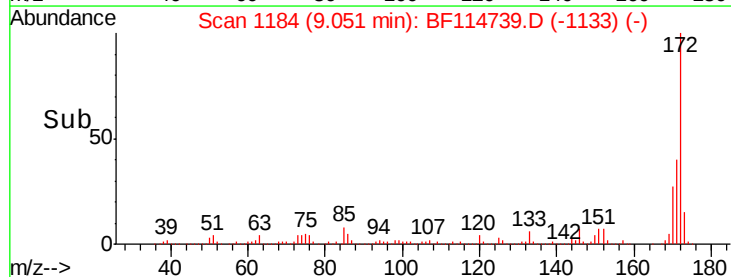
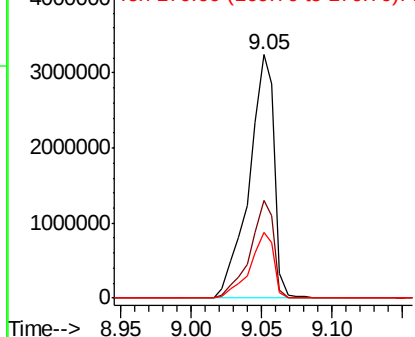


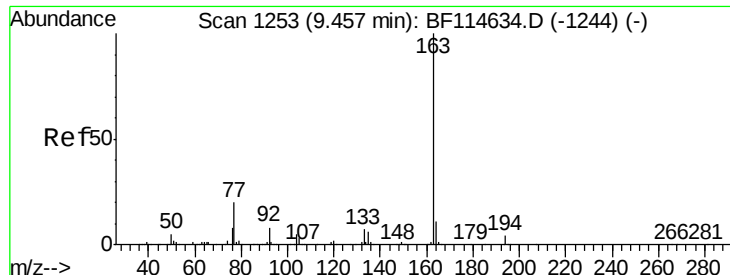
#45
 2-Fluorobiphenyl
 Concen: 107.164 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Tgt Ion:172 Resp: 4075942
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.6 45.8
 170 27.0 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: 4.096 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

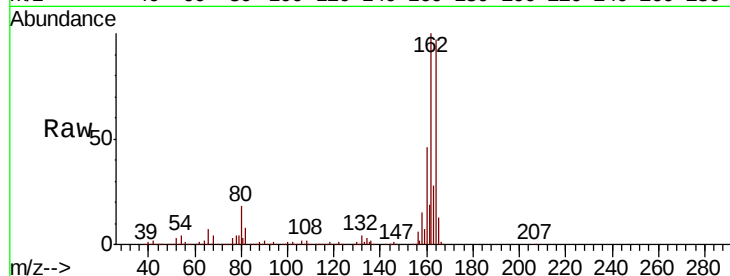
Tgt Ion:163 Resp: 212163

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

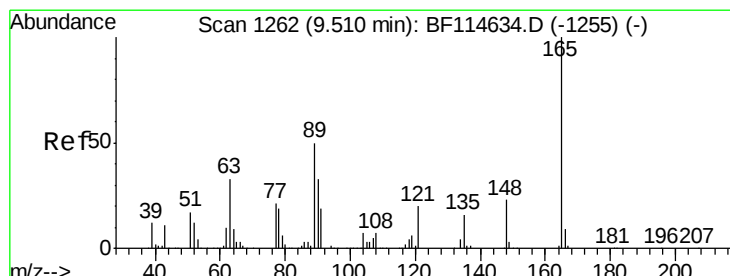
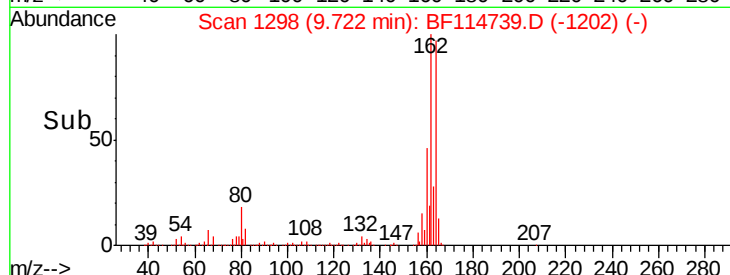
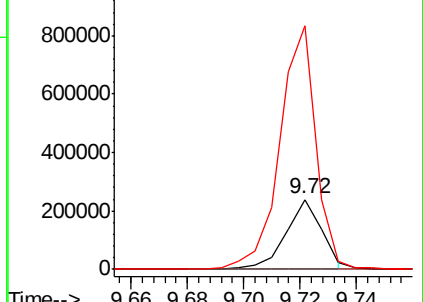
164 348.0 8.6 13.0#



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: 8.123 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

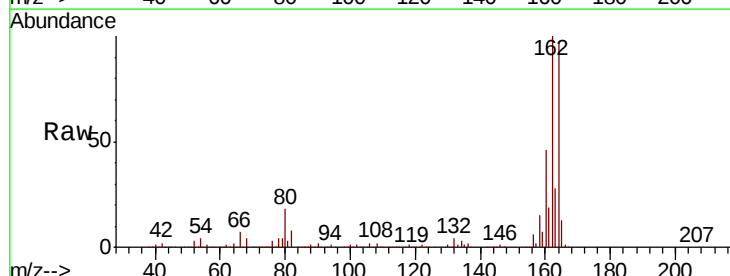
Tgt Ion:165 Resp: 97776

Ion Ratio Lower Upper

165 100

63 0.9 36.6 54.8#

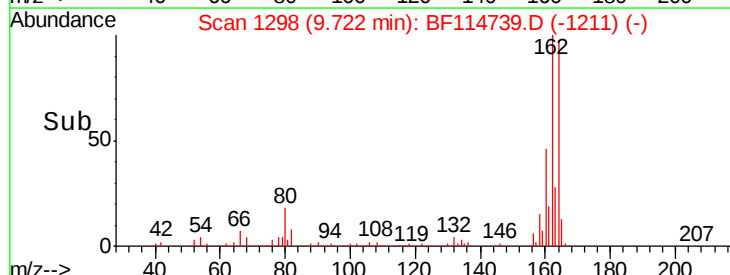
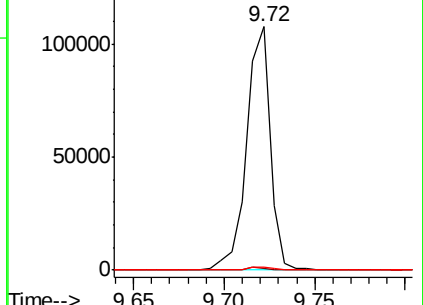
89 1.0 40.2 60.4#

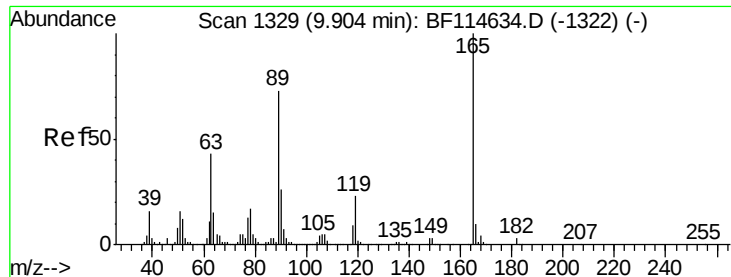


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

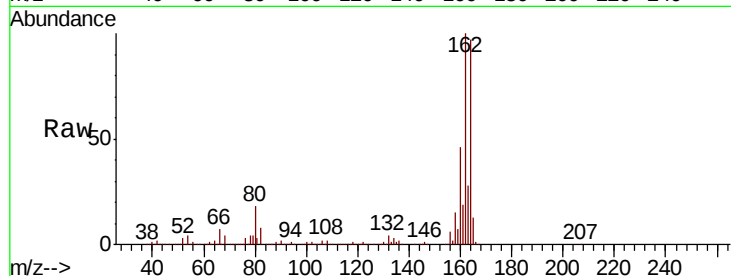




#57
 2,4-Dinitrotoluene
 Concen: 6.329 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

Tgt Ion:	165	Resp:	97776
Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.8	52.2#
89	1.0	58.5	87.7#
182	0.0	2.2	3.2#

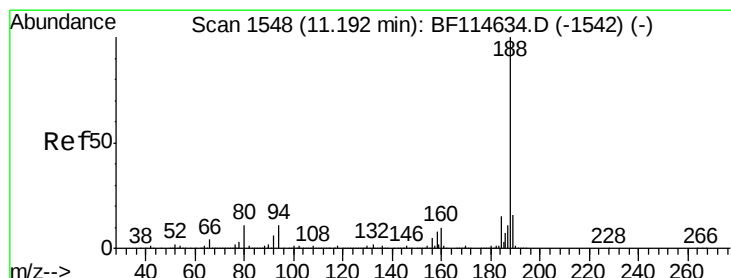
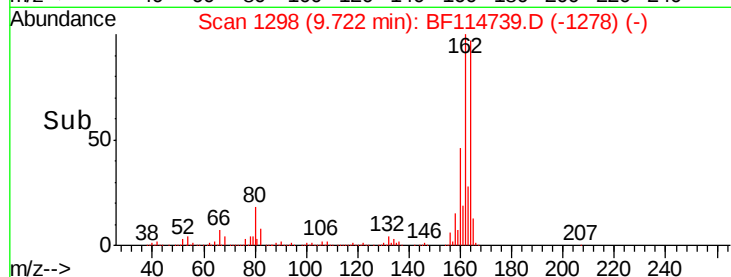
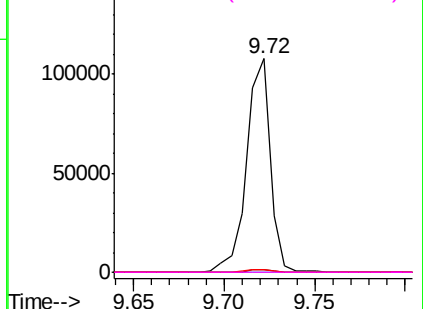


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

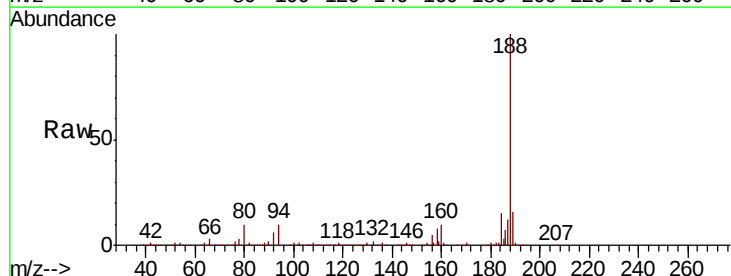
Ion 89.00 (88.70 to 89.70): BF1

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: BF114739.D
 Acq: 1 Jun 2019 5:52

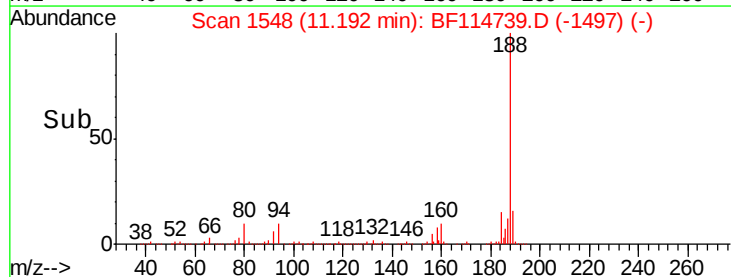
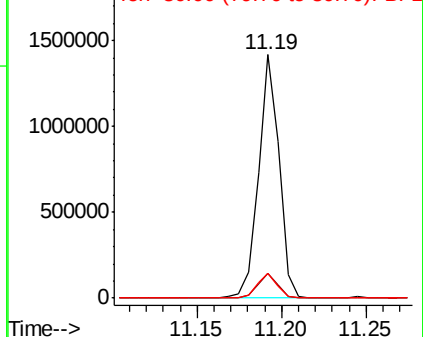
Tgt Ion:	188	Resp:	1208444
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	10.3	9.0	13.6

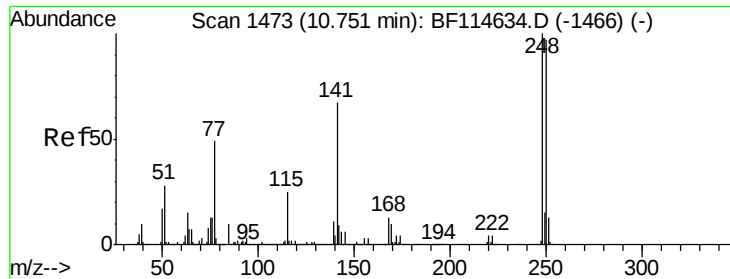


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

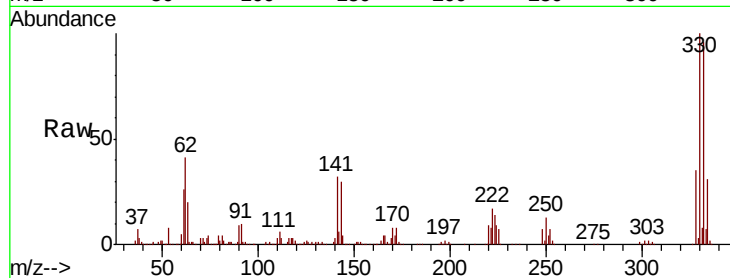




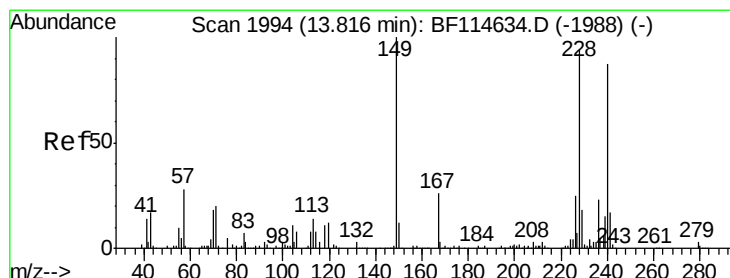
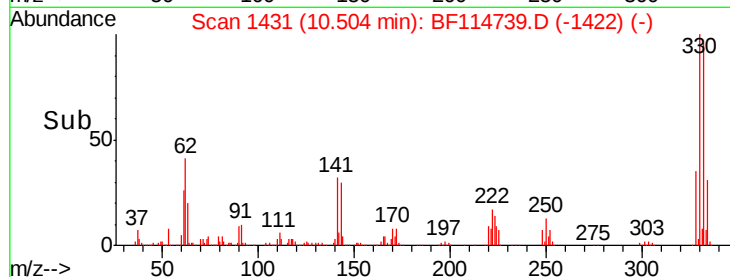
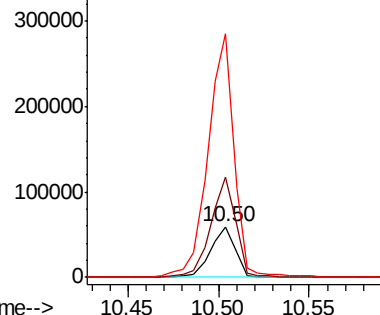
#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Instrument :
BNA_F
ClientSampleId :
TR-04-052919

Tgt Ion:248 Resp: 56176
Ion Ratio Lower Upper
248 100
250 198.8 78.0 117.0#
141 483.6 53.8 80.8#

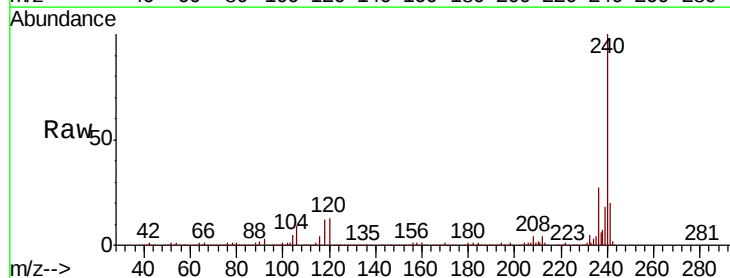


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

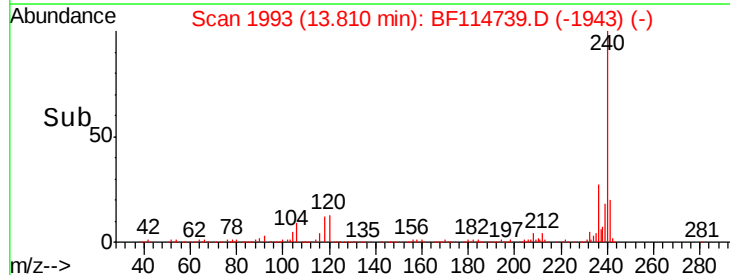
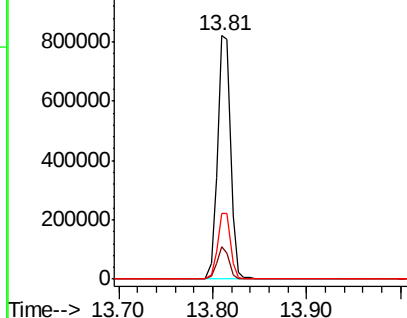


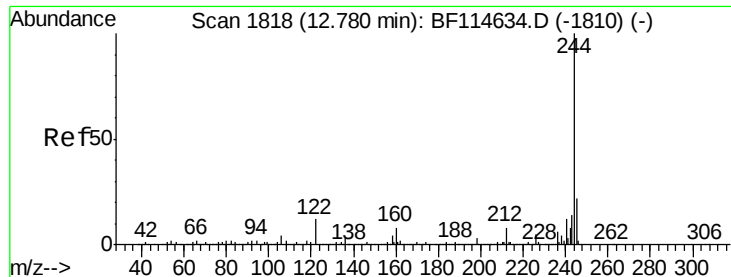
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114739.D
Acq: 1 Jun 2019 5:52

Tgt Ion:240 Resp: 808669
Ion Ratio Lower Upper
240 100
120 13.5 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: 78.243 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

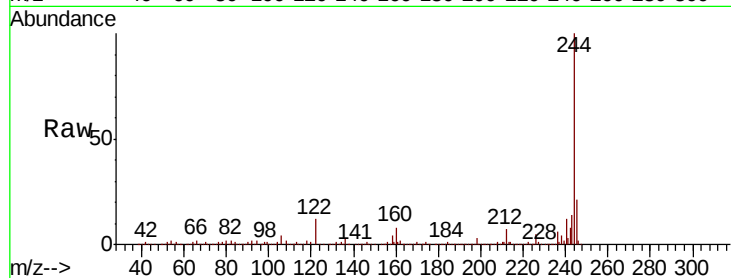
Tgt Ion:244 Resp: 3365283

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

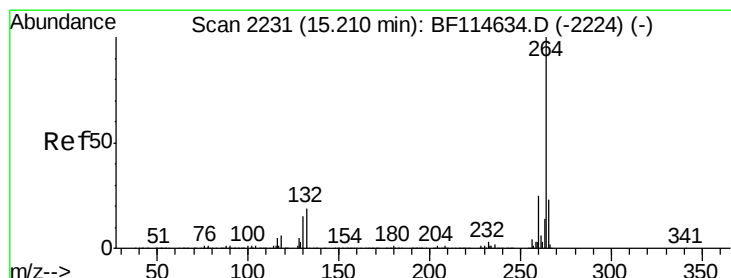
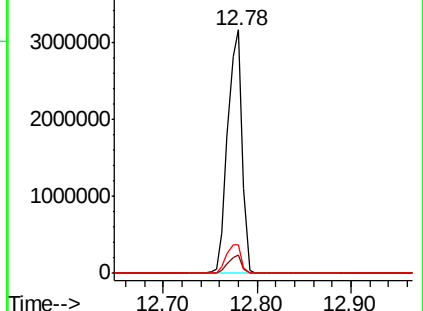
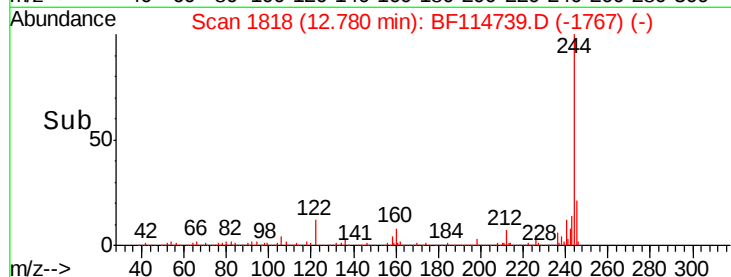
122 11.9 9.8 14.8



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: BF114739.D

Acq: 1 Jun 2019 5:52

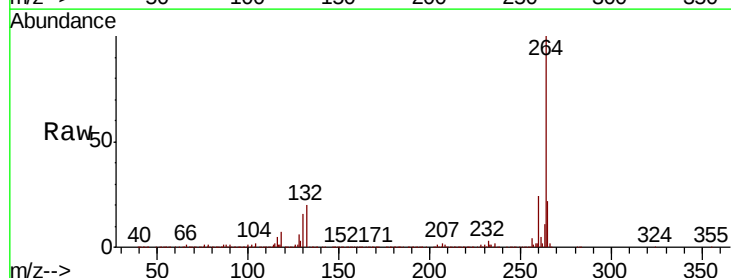
Tgt Ion:264 Resp: 746179

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.1 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

