

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114894.D
 Acq On : 7 Jun 2019 13:03
 Operator : HP/JU
 Sample : K3211-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Quant Time: Jun 08 05:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

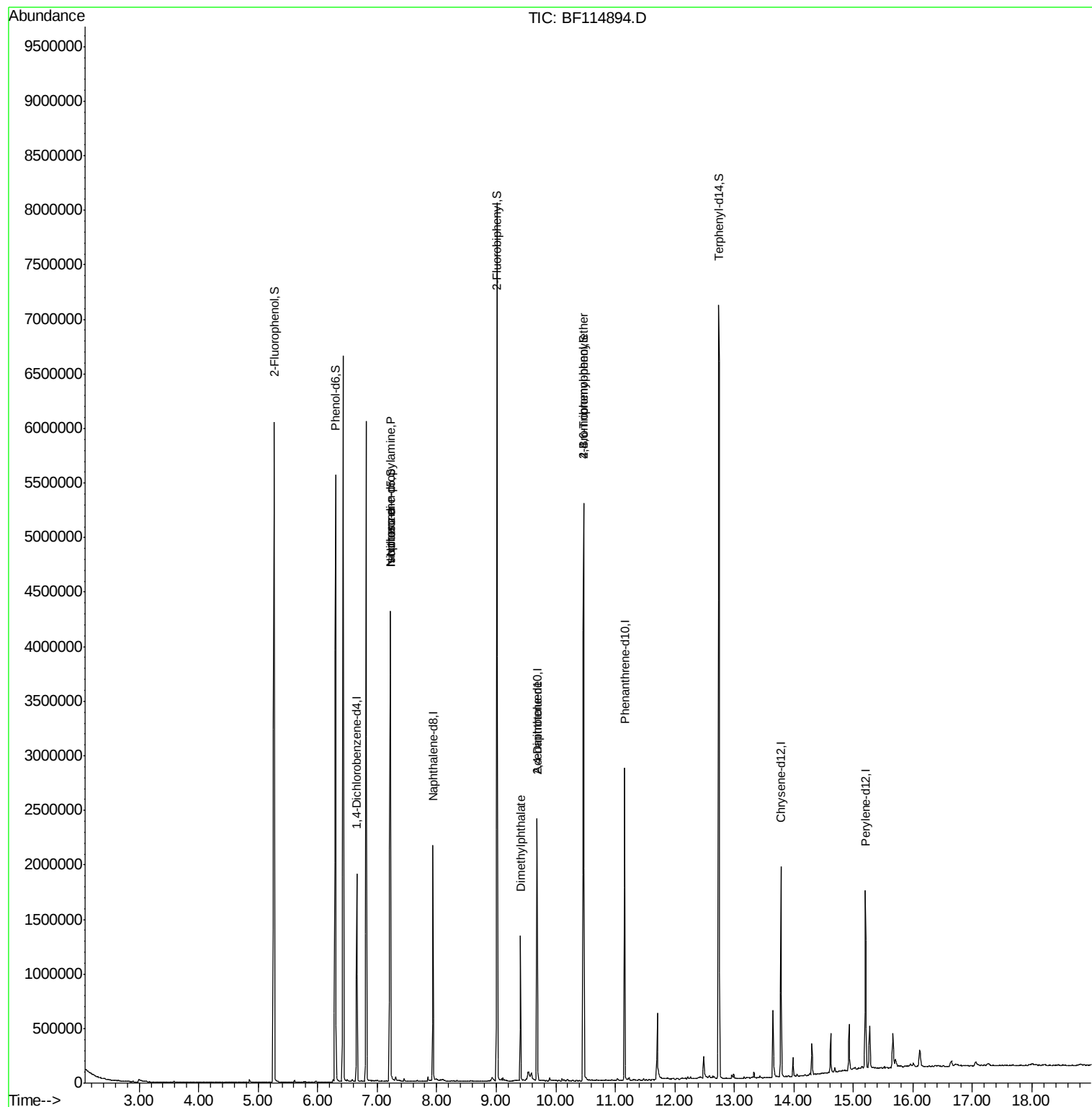
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	259475	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	968273	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	476422	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	945765	20.00	ng	-0.01
76) Chrysene-d12	13.79	240	672942	20.00	ng	0.00
87) Perylene-d12	15.20	264	664315	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1955164	131.66	ng	0.00
7) Phenol-d6	6.30	99	2396432	132.63	ng	0.00
23) Nitrobenzene-d5	7.22	82	1447755	92.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	677260	131.91	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2478042	97.44	ng	-0.01
79) Terphenyl-d14	12.74	244	2675406	77.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	193078	16.142	ng	# 77
25) Isophorone	7.22	82	1425520	45.843	ng	# 61
50) Dimethylphthalate	9.40	163	525650	15.107	ng	# 99
57) 2,4-Dinitrotoluene	9.69	165	61276	5.956	ng	# 33
58) Fluorene	10.47	166	30142	Below Cal		# 87
67) 4-Bromophenyl-phenylether	10.47	248	44056	4.101	ng	# 1

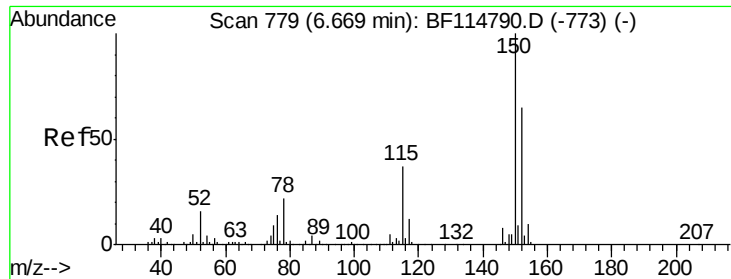
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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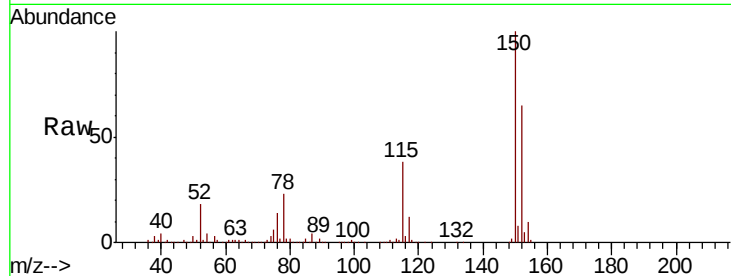


#1

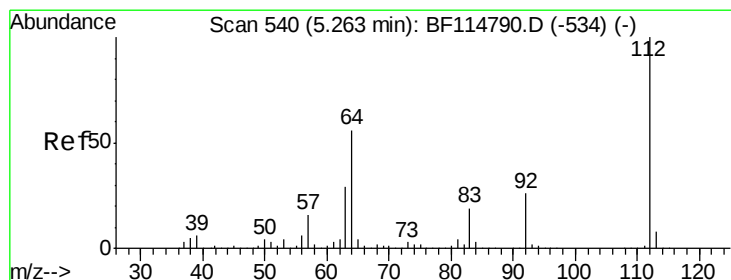
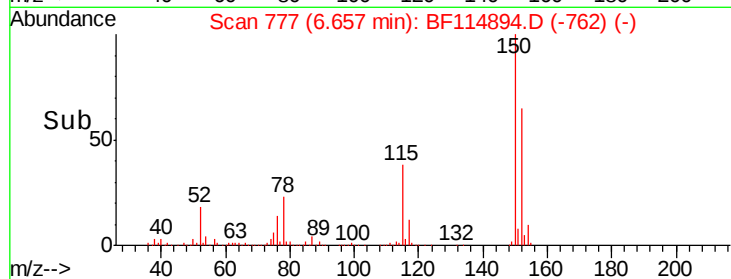
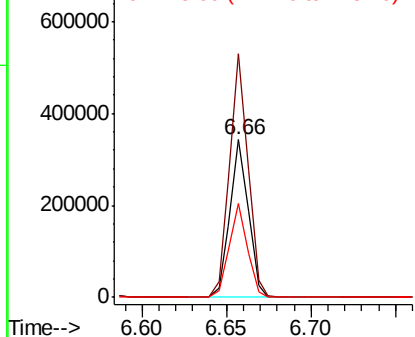
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tgt Ion:152 Resp: 259475
Ion Ratio Lower Upper
152 100
150 154.7 124.0 186.0
115 59.5 46.3 69.5



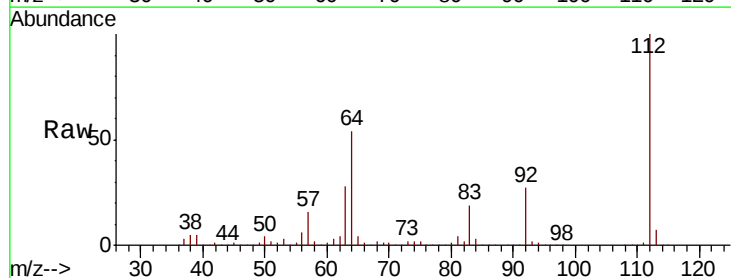
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



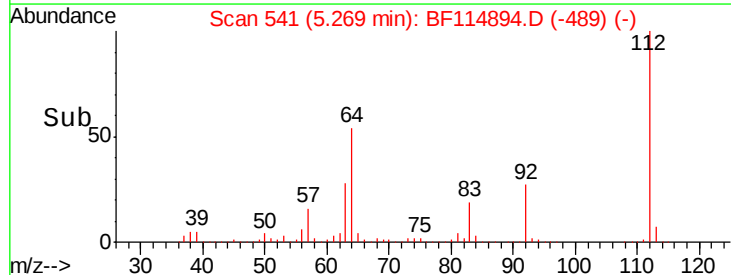
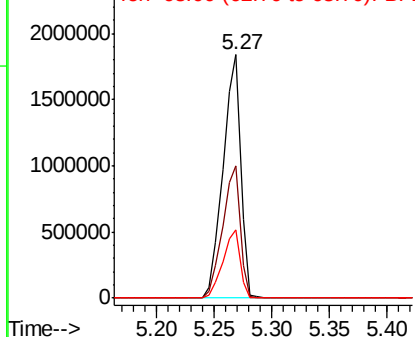
#5

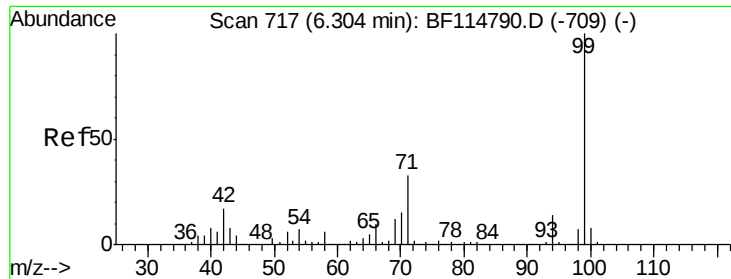
2-Fluorophenol
Concen: 131.664 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Tgt Ion:112 Resp: 1955164
Ion Ratio Lower Upper
112 100
64 54.1 44.6 66.8
63 27.9 23.0 34.4



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: 132.626 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

RT-5124

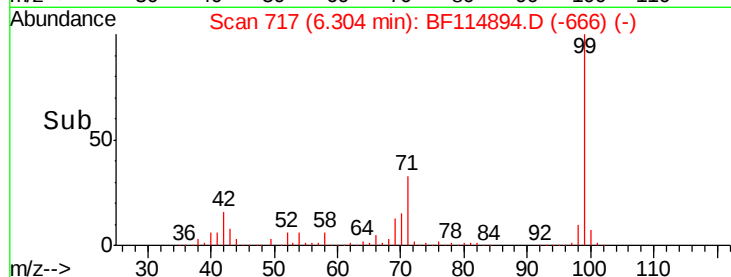
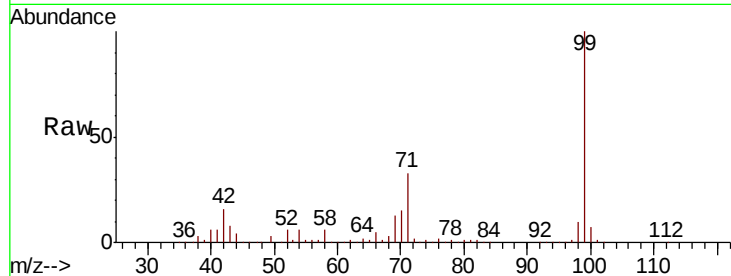
Tgt Ion: 99 Resp: 2396432

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

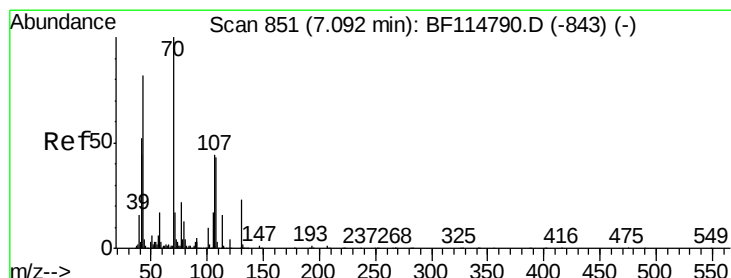
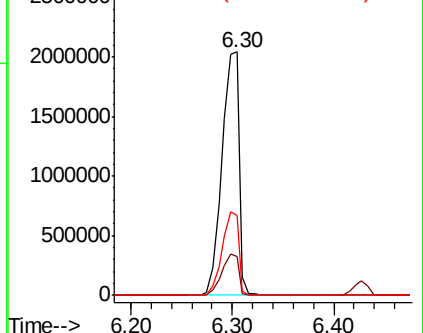
71 32.6 26.3 39.5



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: 16.142 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Tgt Ion: 70 Resp: 193078

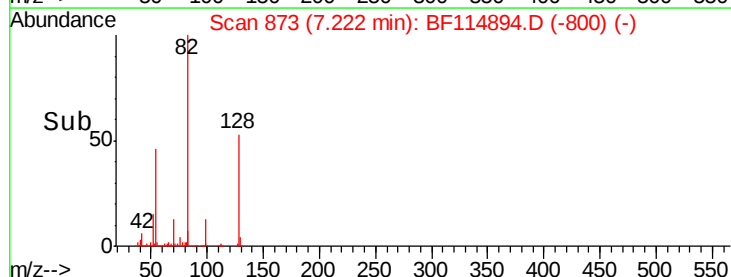
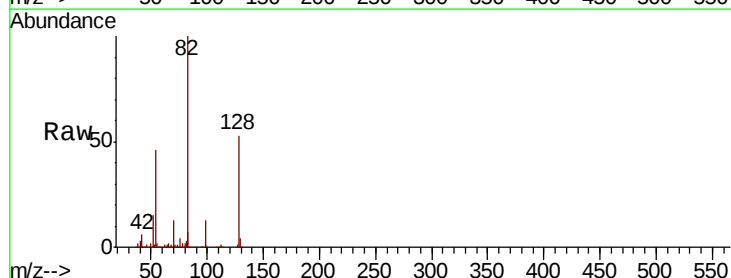
Ion Ratio Lower Upper

70 100

42 42.6 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

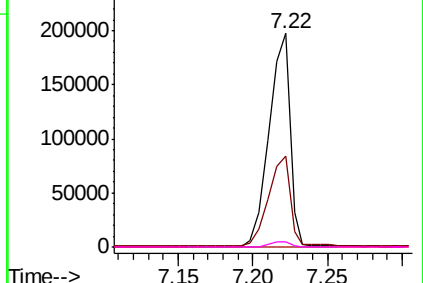


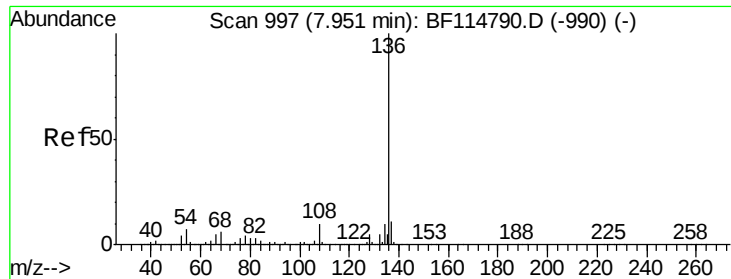
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

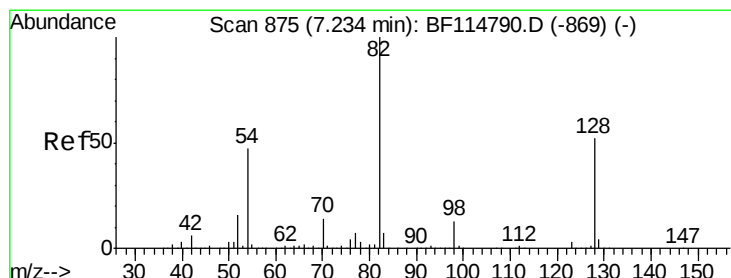
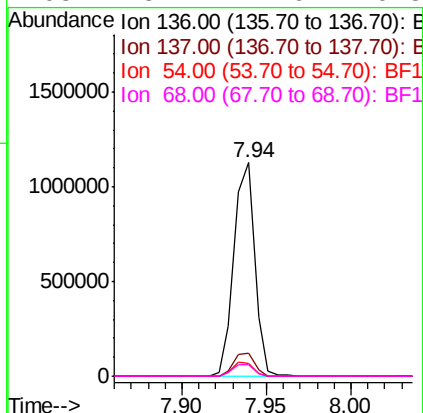
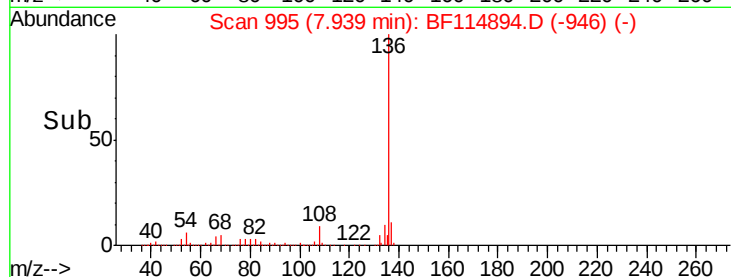
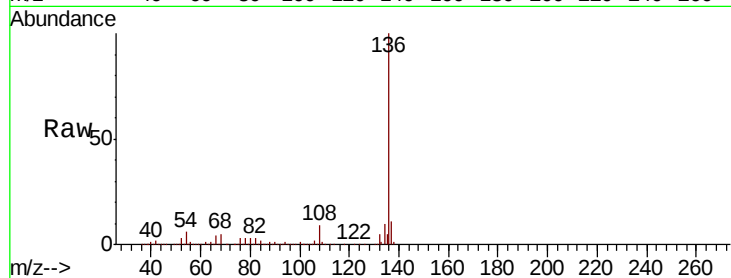




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

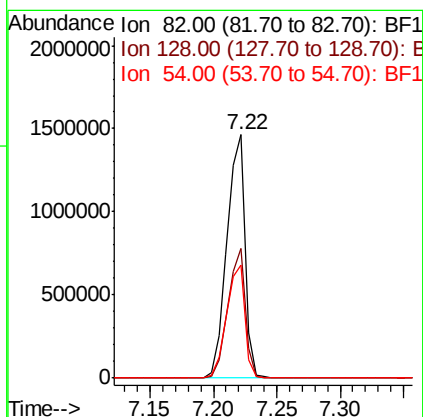
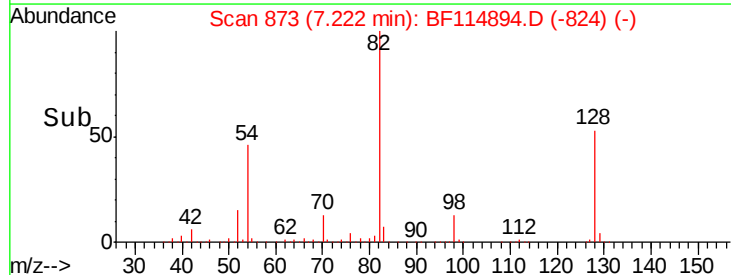
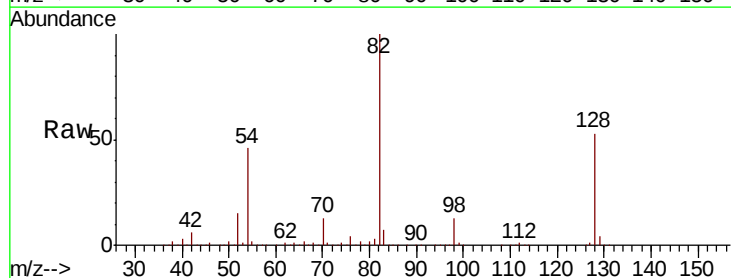
Instrument :
BNA_F
ClientSampleId :
RT-5124

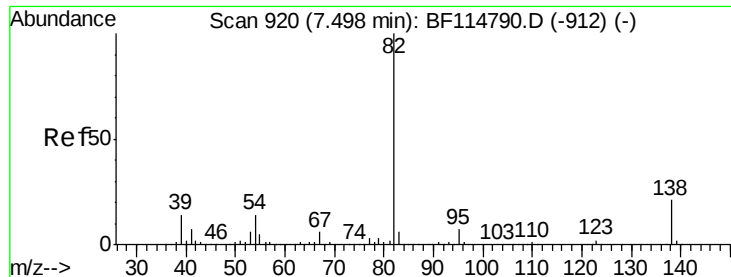
Tgt Ion:	136	Resp:	968273
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	5.4	8.0
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 92.042 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Tgt Ion:	82	Resp:	1447755
Ion	Ratio	Lower	Upper
82	100		
128	53.3	41.8	62.6
54	46.3	37.9	56.9





#25

Isophorone

Concen: 45.843 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

RT-5124

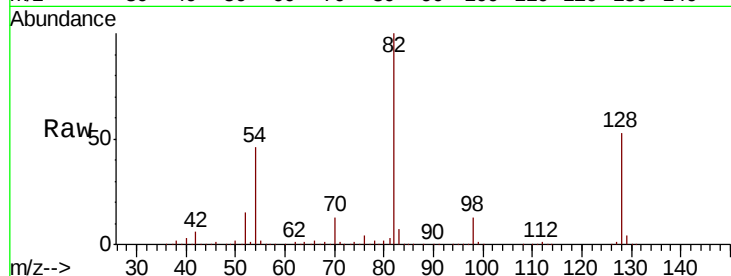
Tgt Ion: 82 Resp: 1425520

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

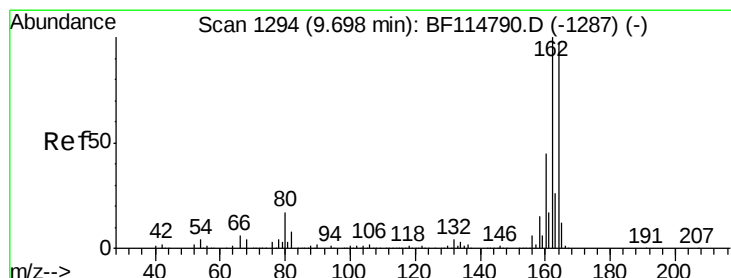
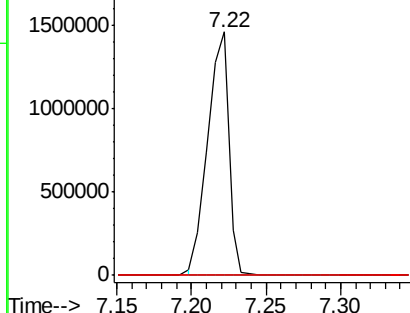
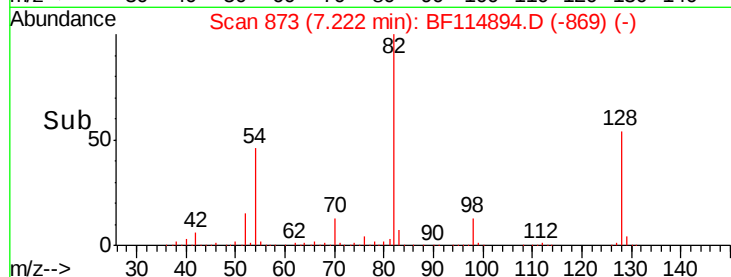
138 0.0 16.9 25.3#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

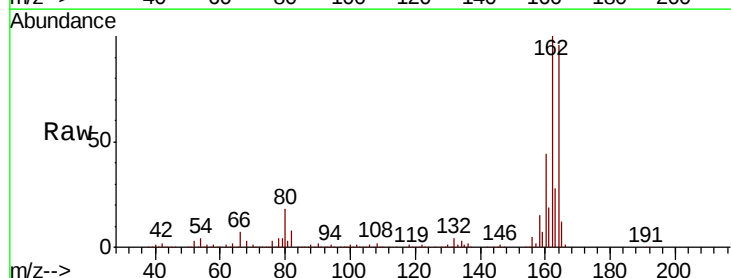
Tgt Ion: 164 Resp: 476422

Ion Ratio Lower Upper

164 100

162 103.9 82.3 123.5

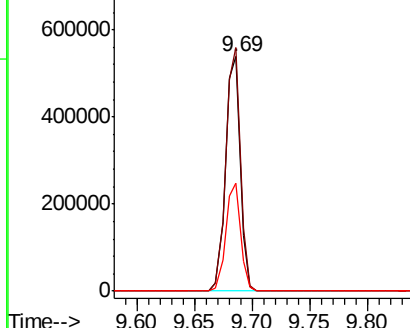
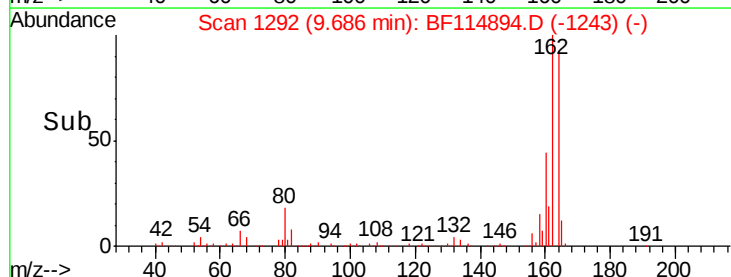
160 46.1 36.7 55.1

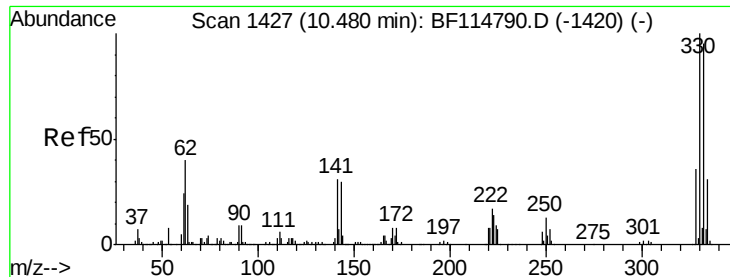


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 131.911 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

RT-5124

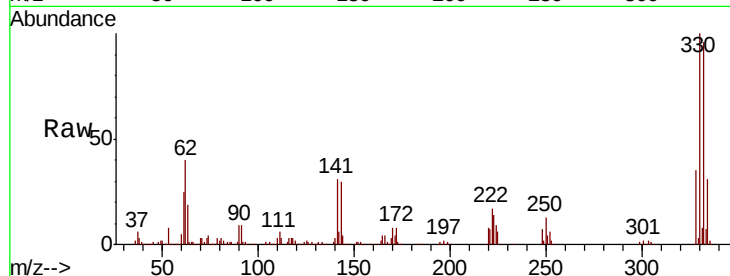
Tgt Ion:330 Resp: 677260

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

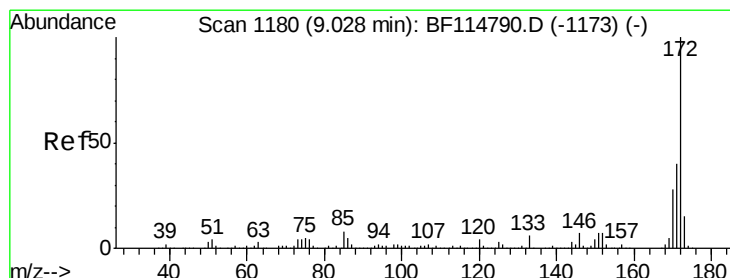
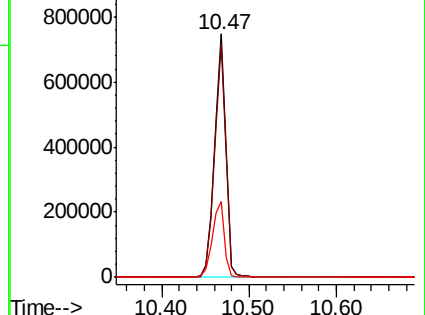
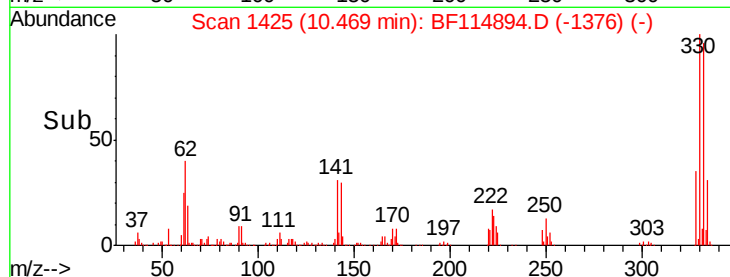
141 32.7 26.2 39.4



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: 97.436 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

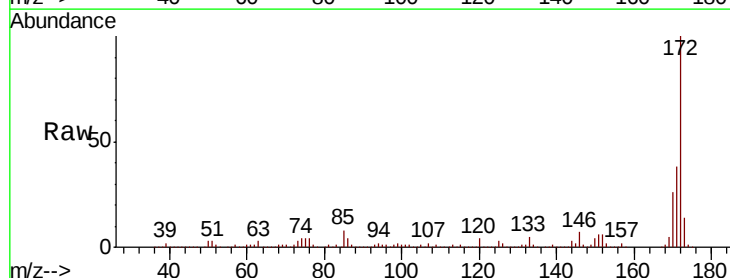
Tgt Ion:172 Resp: 2478042

Ion Ratio Lower Upper

172 100

171 38.4 32.3 48.5

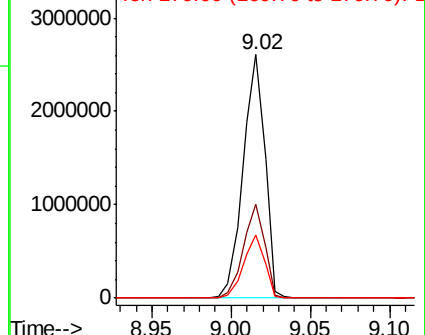
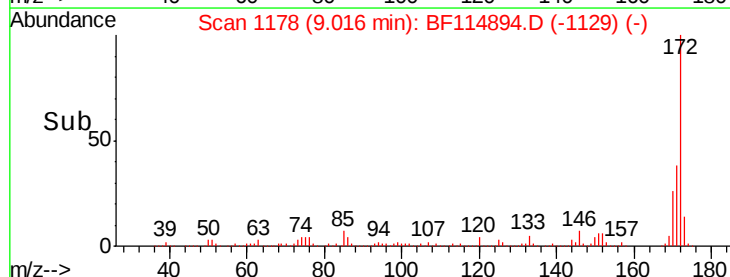
170 26.0 22.4 33.6

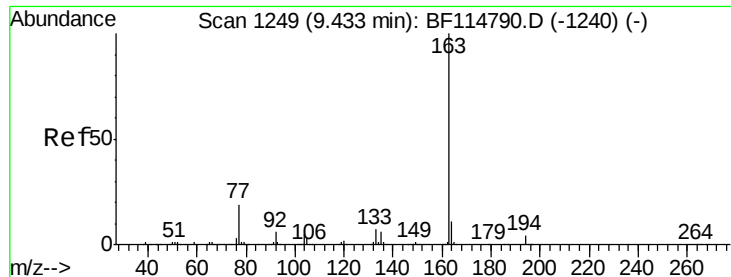


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

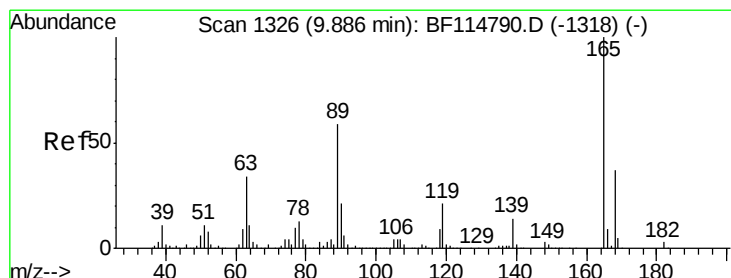
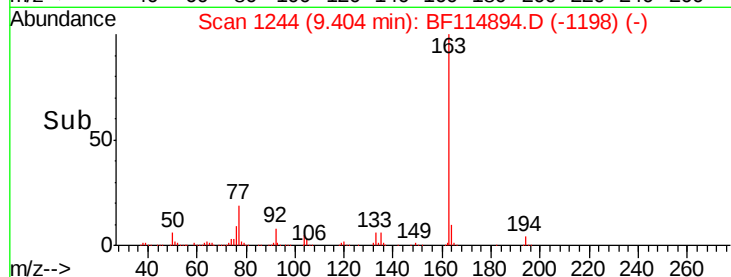
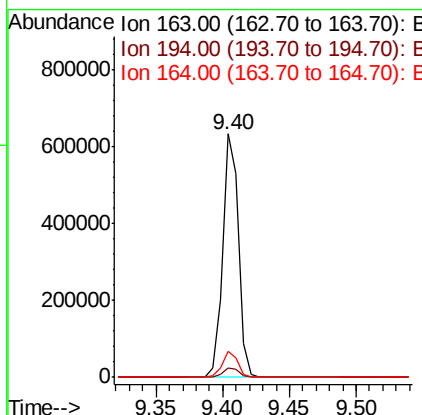
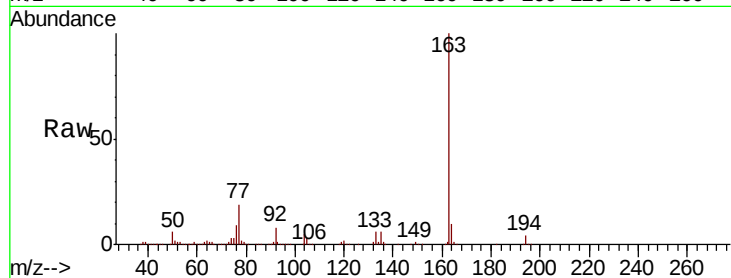




#50
Dimethylphthalate
Concen: 15.107 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

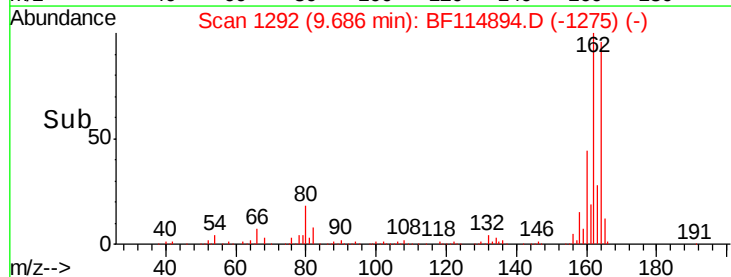
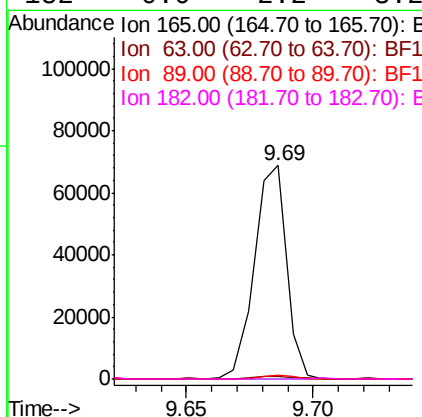
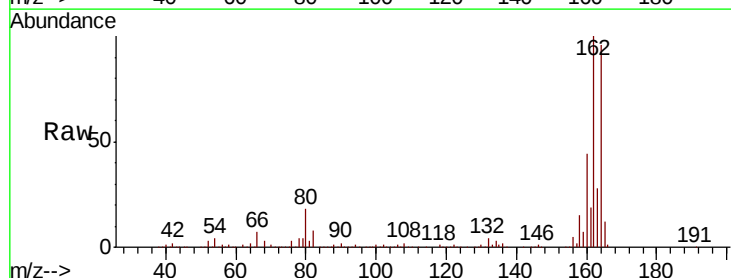
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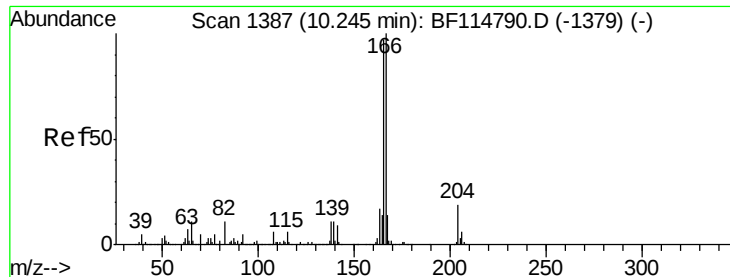
Tgt Ion:163 Resp: 525650
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.4 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.20 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Tgt Ion:165 Resp: 61276
Ion Ratio Lower Upper
165 100
63 1.4 27.0 40.4#
89 1.6 47.0 70.6#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 1425

Delta R.T. 0.22 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

RT-5124

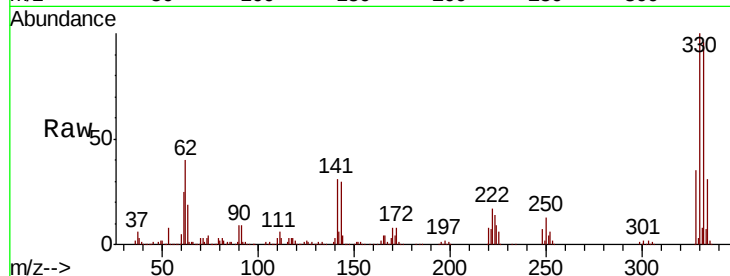
Tgt Ion:166 Resp: 30142

Ion Ratio Lower Upper

166 100

165 105.2 77.9 116.9

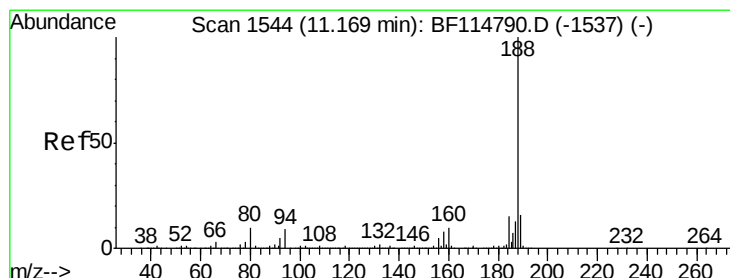
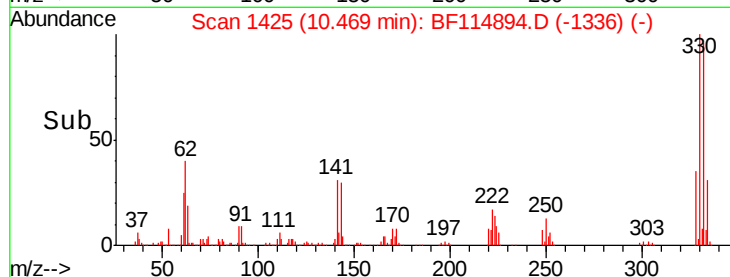
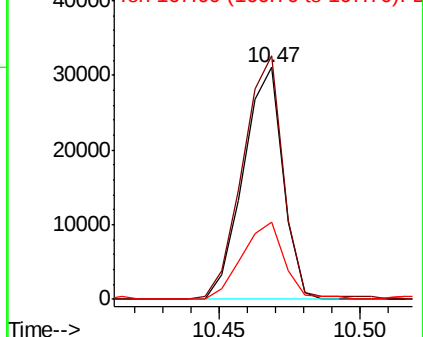
167 33.4 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

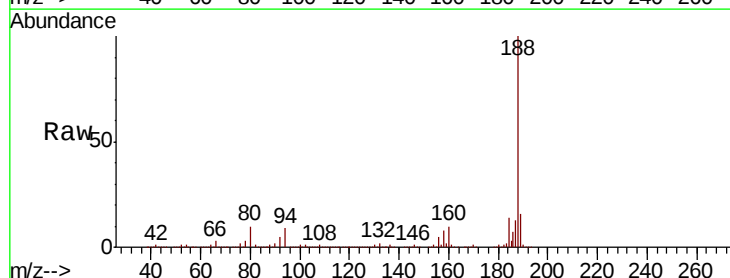
Tgt Ion:188 Resp: 945765

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

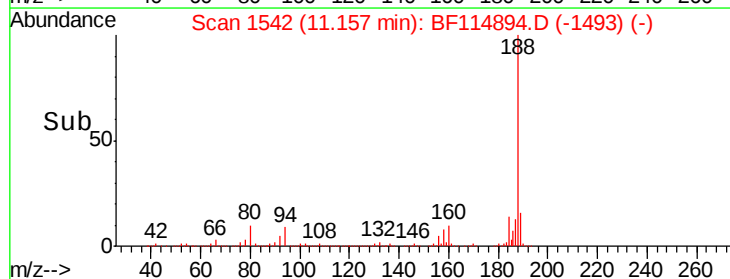
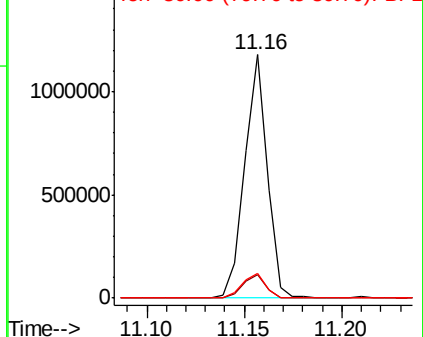
80 10.2 8.3 12.5

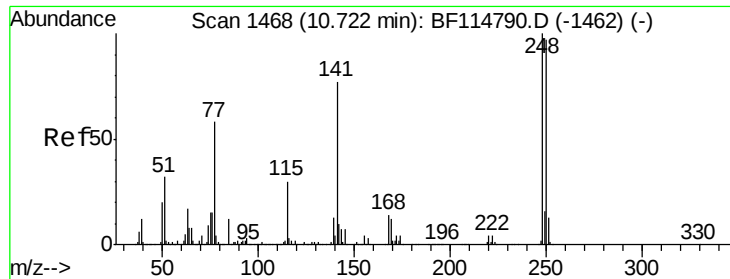


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

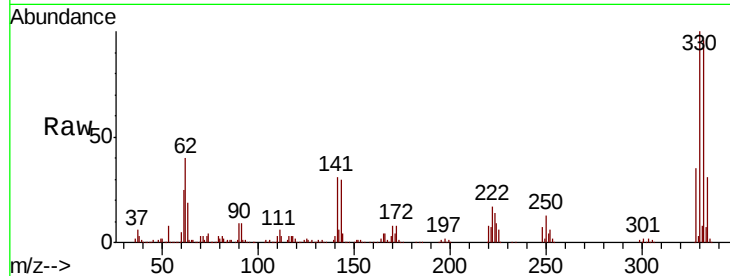




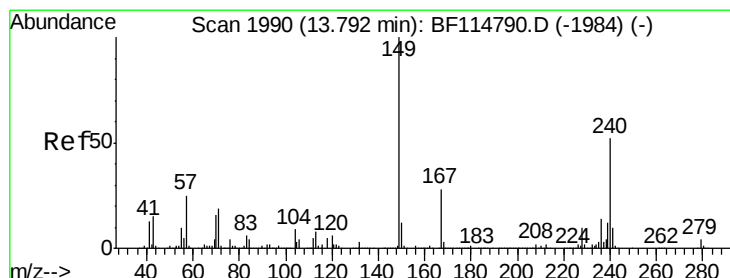
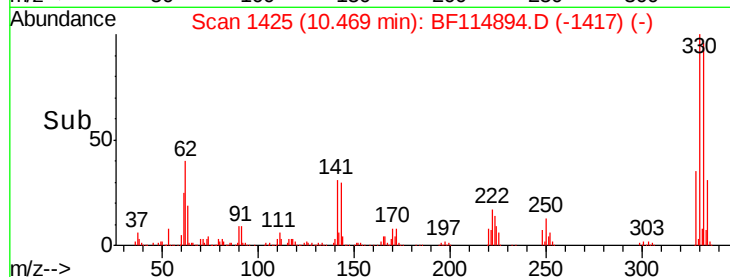
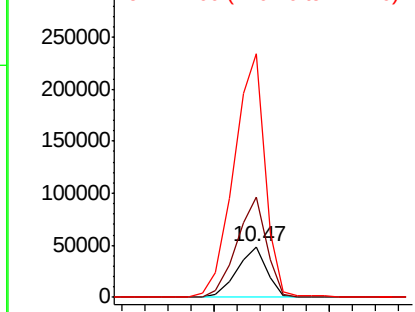
#67
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tgt Ion:248 Resp: 44056
Ion Ratio Lower Upper
248 100
250 196.8 77.5 116.3#
141 479.6 61.8 92.8#

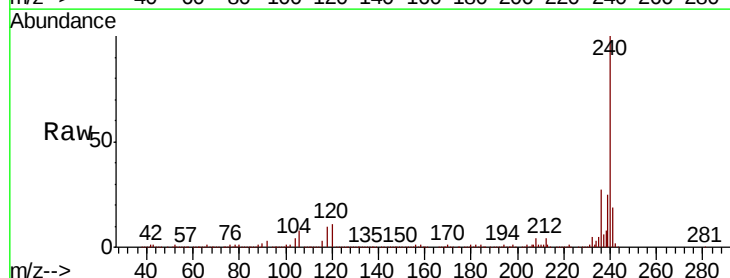


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

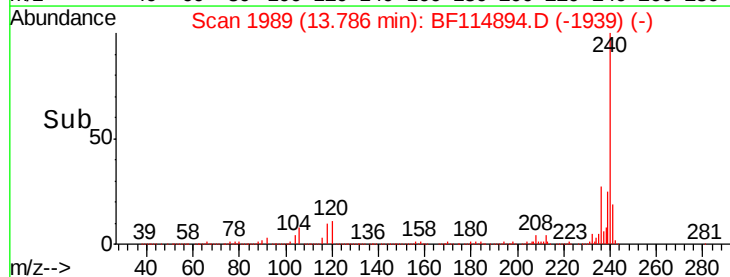
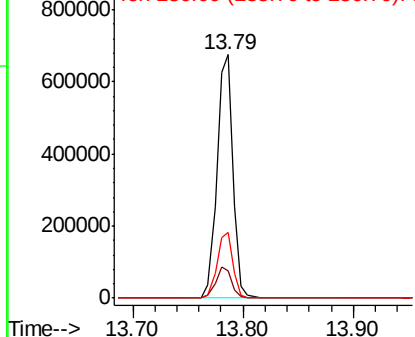


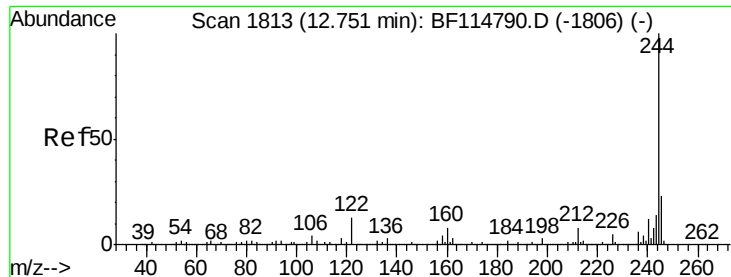
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114894.D
Acq: 7 Jun 2019 13:03

Tgt Ion:240 Resp: 672942
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.0 21.4 32.0



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: 77.317 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Instrument :

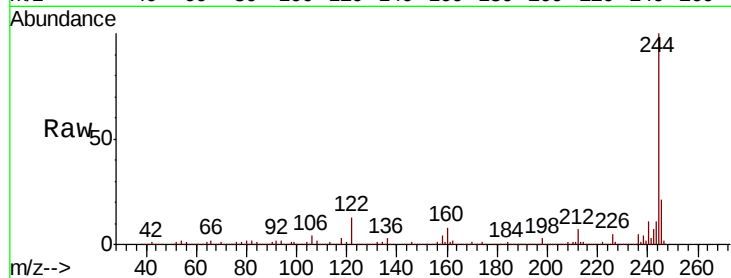
BNA_F

ClientSampleId :

RT-5124

Tgt Ion:244 Resp: 2675406

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	13.2	10.5	15.7

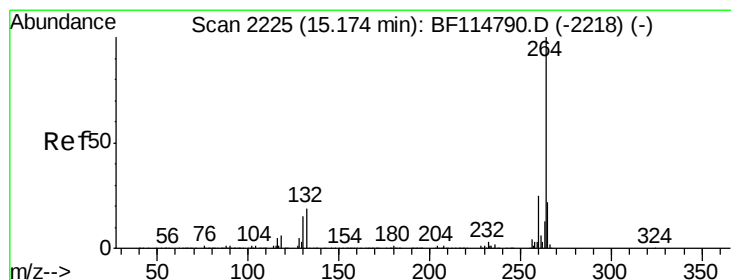
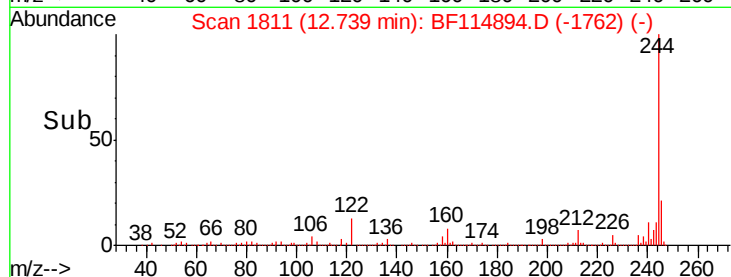
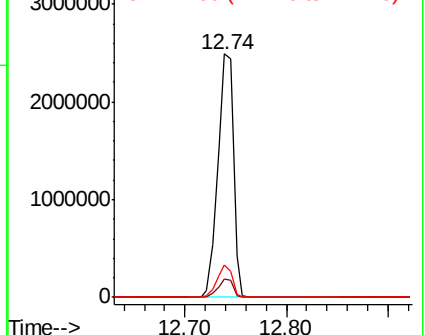


Abundance

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

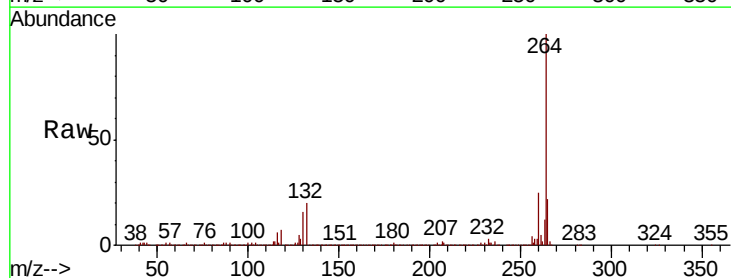
Delta R.T. 0.03 min

Lab File: BF114894.D

Acq: 7 Jun 2019 13:03

Tgt Ion:264 Resp: 664315

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.9	17.7	26.5



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

