

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114904.D
 Acq On : 7 Jun 2019 21:43
 Operator : HP/JU
 Sample : K3175-01RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-007-ABCD

Quant Time: Jun 08 05:18:02 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

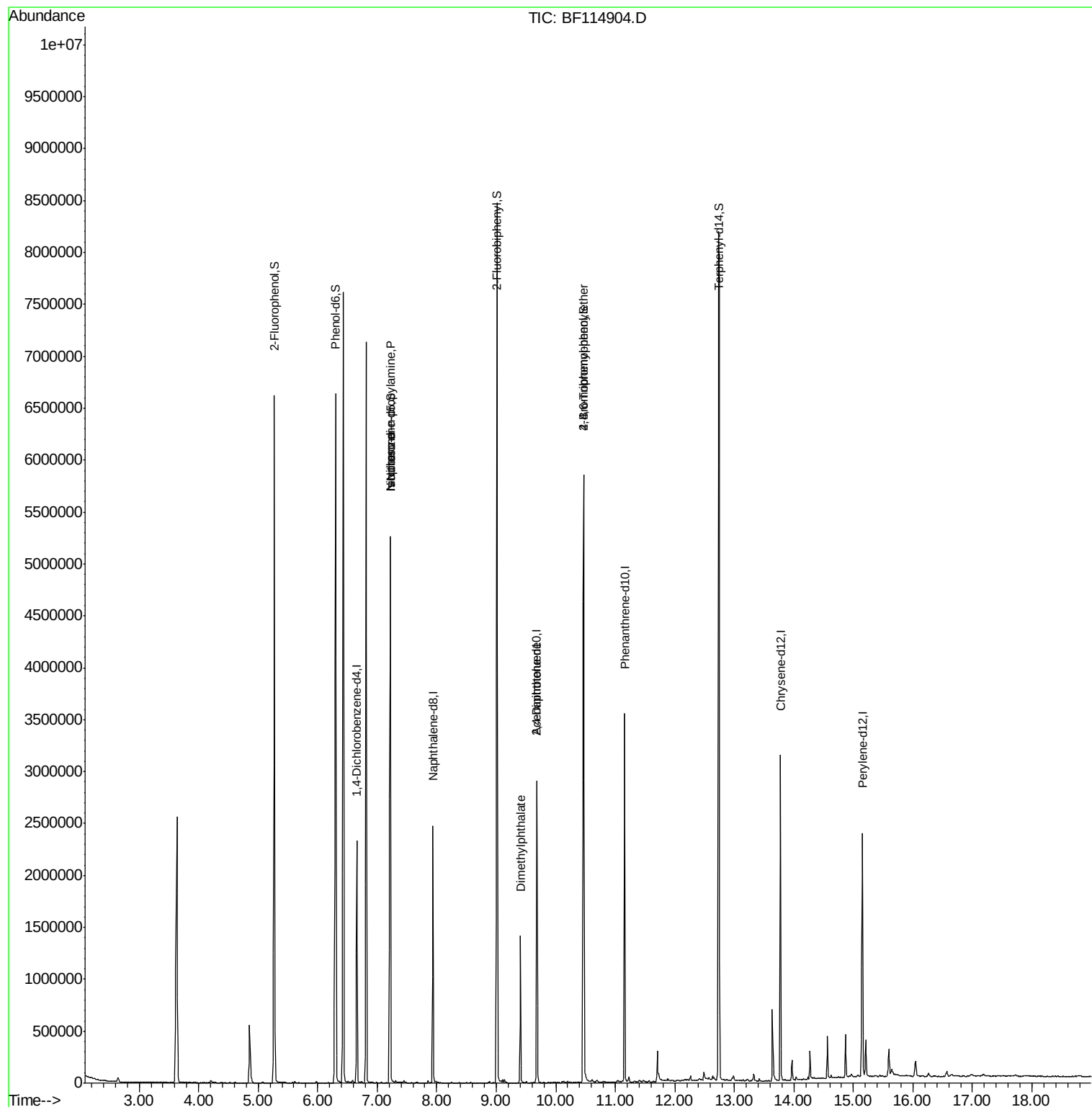
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	336798	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1269424	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	631627	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1252119	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	997729	20.00	ng	-0.02
87) Perylene-d12	15.15	264	1001123	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2429355	126.04	ng	0.01
7) Phenol-d6	6.30	99	3035773	129.44	ng	0.00
23) Nitrobenzene-d5	7.22	82	1911667	92.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	851762	125.13	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	3089875	91.64	ng	-0.01
79) Terphenyl-d14	12.74	244	3348161	65.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	256782	16.540	ng	# 77
25) Isophorone	7.22	82	1857509	45.564	ng	# 61
50) Dimethylphthalate	9.40	163	594957	12.897	ng	99
57) 2,4-Dinitrotoluene	9.68	165	81974	6.010	ng	# 32
58) Fluorene	10.47	166	38485	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.47	248	54896	3.860	ng	# 1

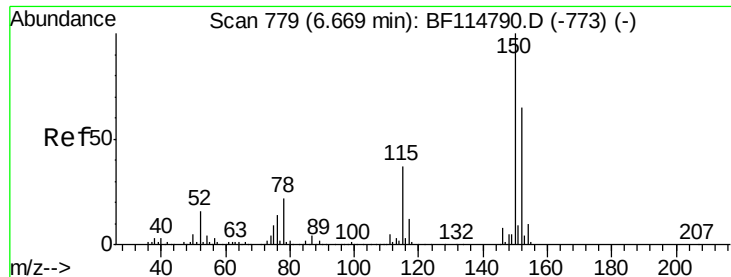
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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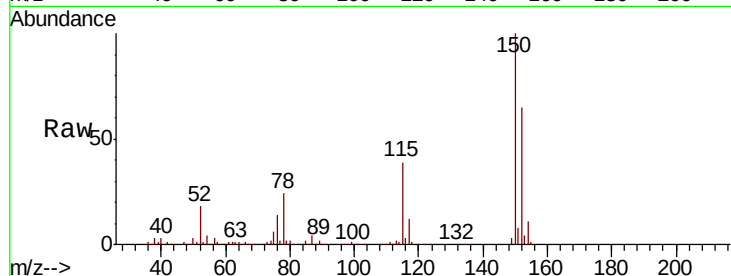


#1

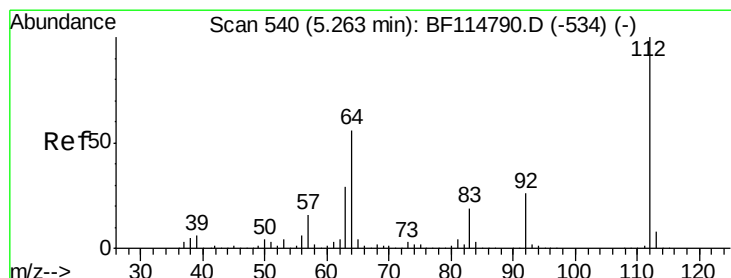
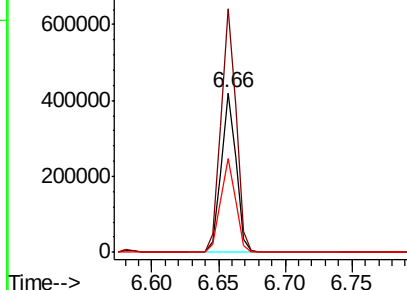
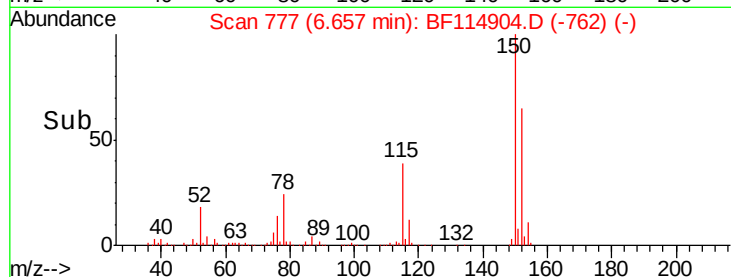
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-007-ABCD

Tgt Ion:152 Resp: 336798
Ion Ratio Lower Upper
152 100
150 152.7 124.0 186.0
115 59.2 46.3 69.5



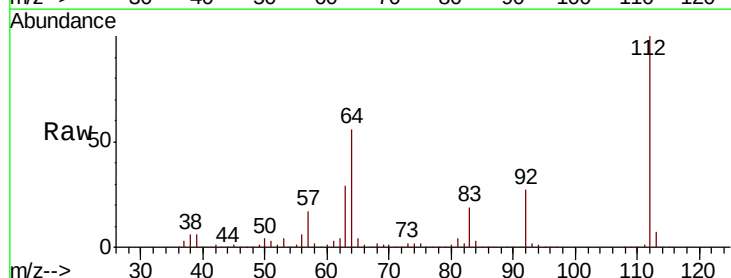
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



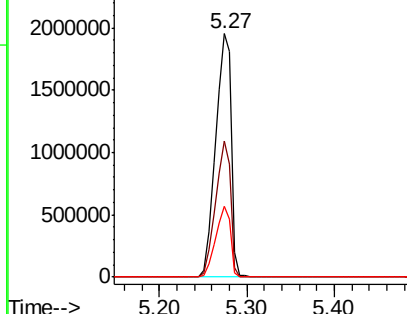
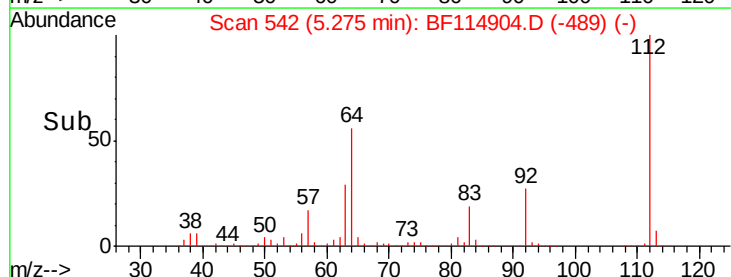
#5

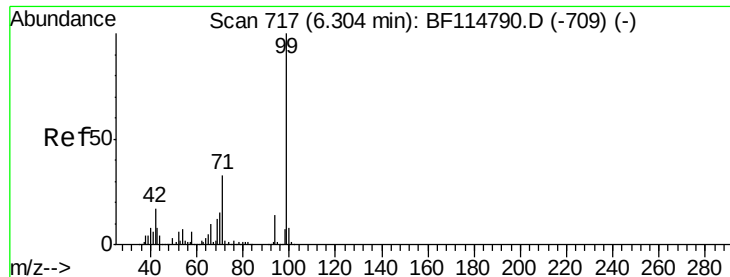
2-Fluorophenol
Concen: 126.038 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Tgt Ion:112 Resp: 2429355
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 28.9 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: 129.438 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-007-ABCD

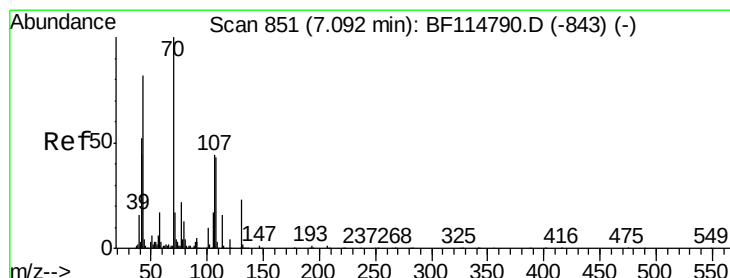
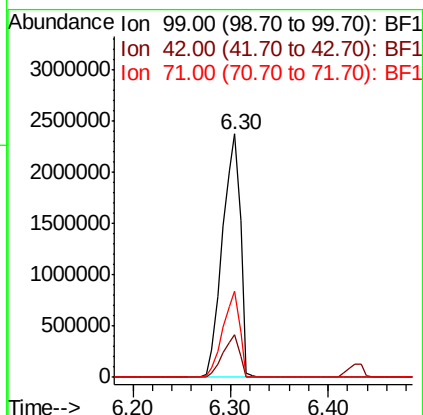
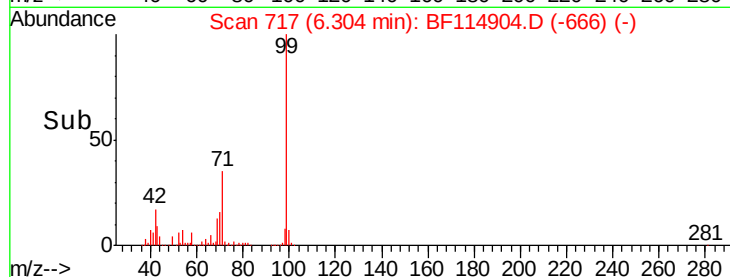
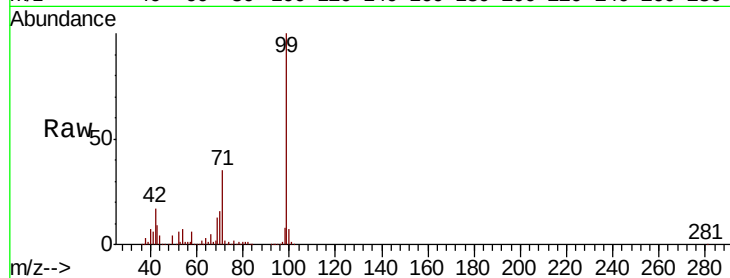
Tgt Ion: 99 Resp: 3035773

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

71 35.3 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.540 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

Tgt Ion: 70 Resp: 256782

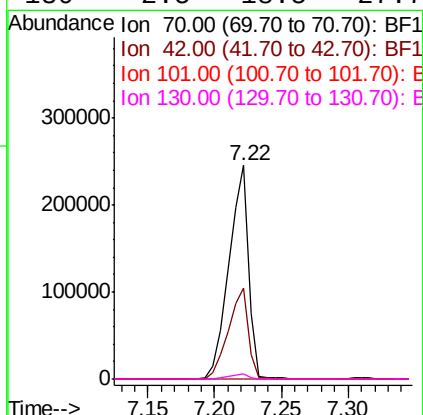
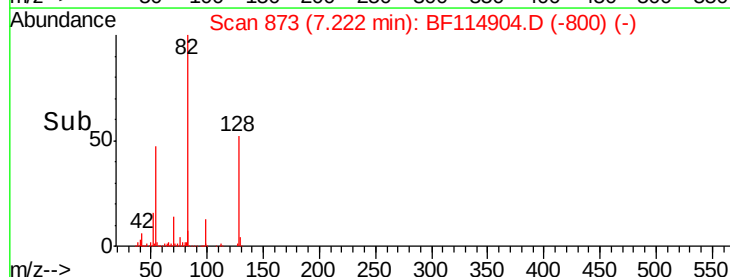
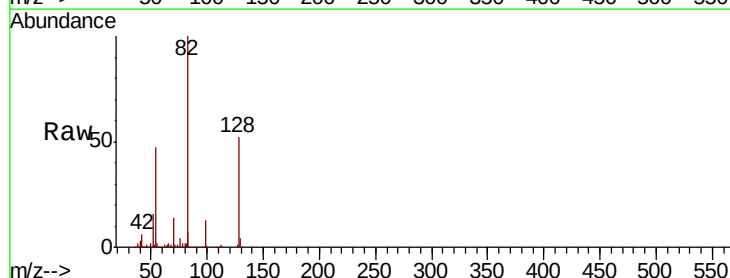
Ion Ratio Lower Upper

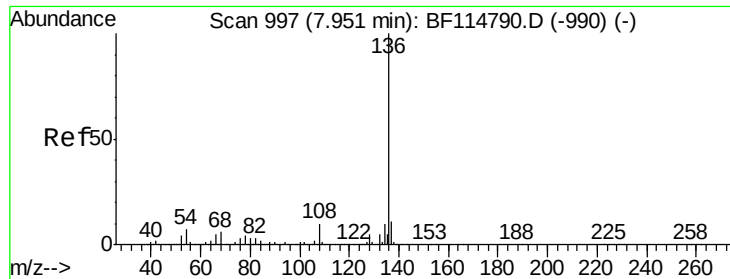
70 100

42 42.4 41.8 62.8

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

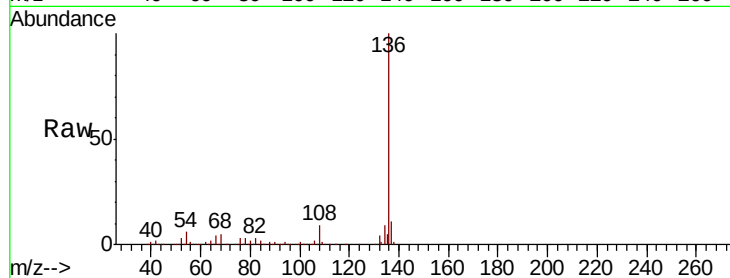




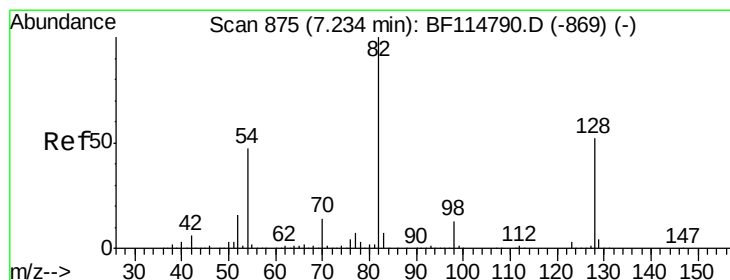
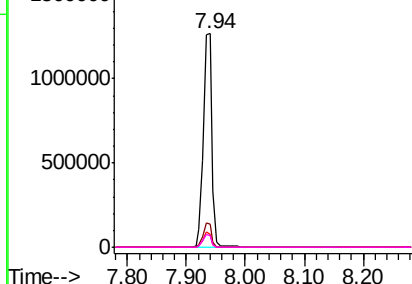
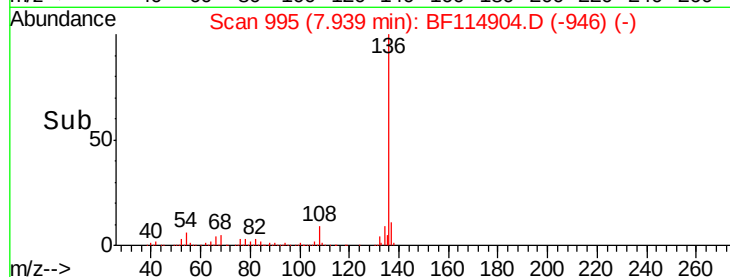
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-007-ABCD

Tgt Ion:	136	Resp:	1269424
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	5.4	8.0
68	5.5	4.6	6.8

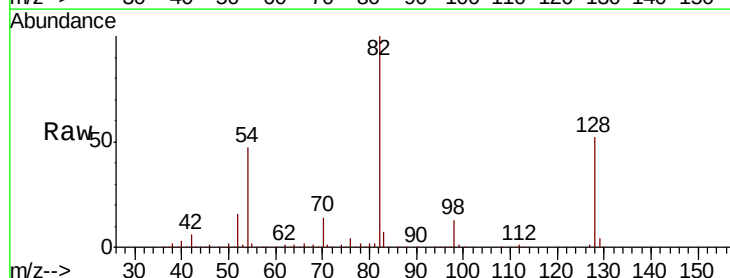


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

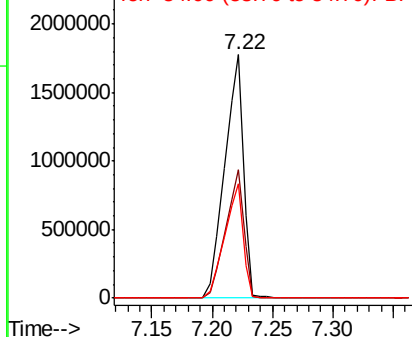
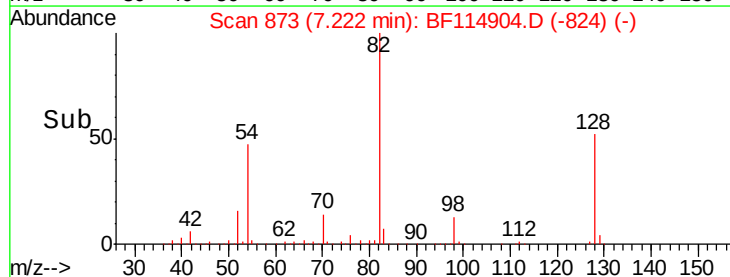


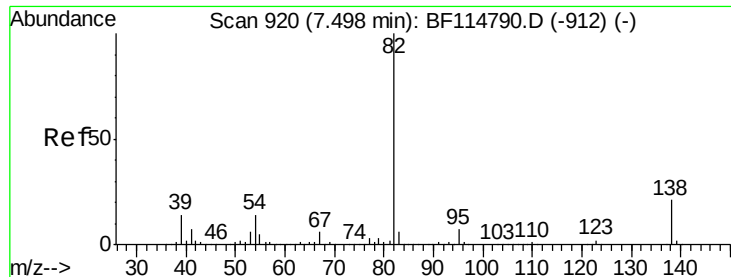
#23
Nitrobenzene-d5
Concen: 92.703 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Tgt Ion:	82	Resp:	1911667
Ion	Ratio	Lower	Upper
82	100		
128	52.5	41.8	62.6
54	47.1	37.9	56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.564 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-007-ABCD

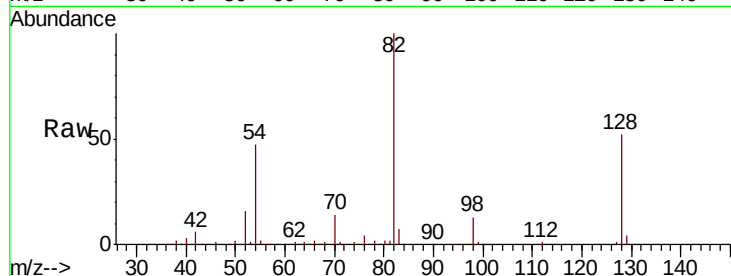
Tgt Ion: 82 Resp: 1857509

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

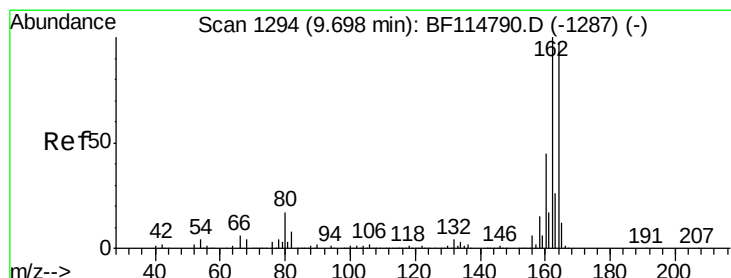
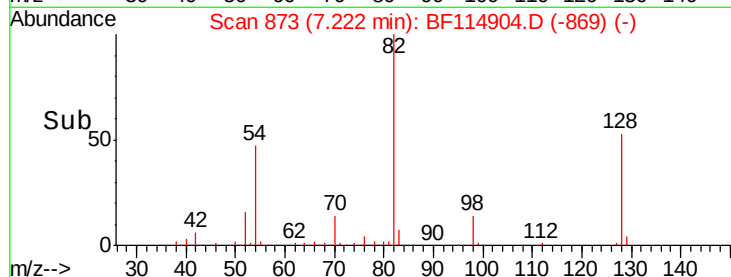
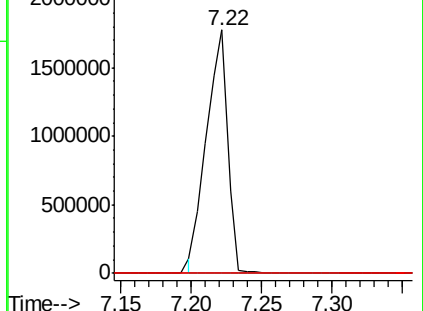
138 0.0 16.9 25.3#



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

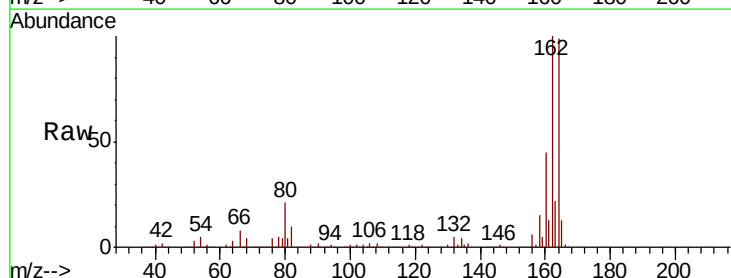
Tgt Ion: 164 Resp: 631627

Ion Ratio Lower Upper

164 100

162 101.0 82.3 123.5

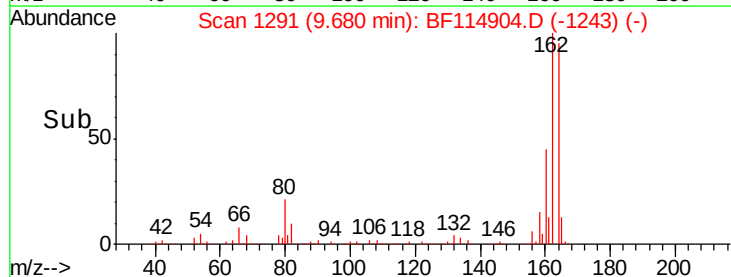
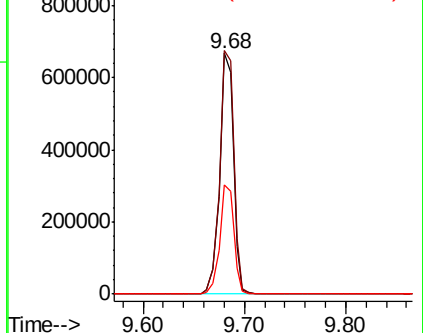
160 45.4 36.7 55.1

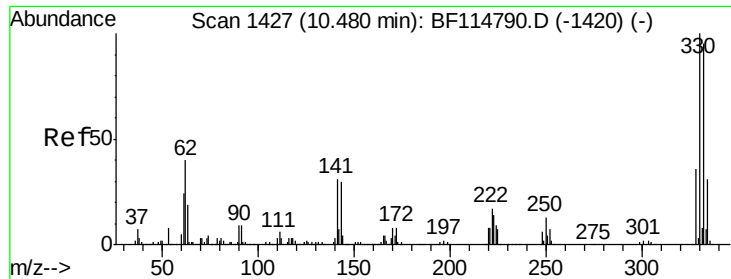


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 125.134 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

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FK-BPM-03-007-ABCD

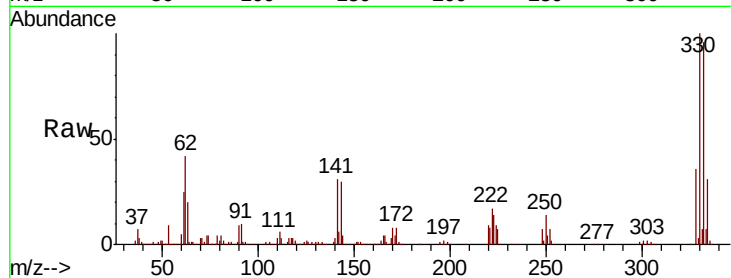
Tgt Ion:330 Resp: 851762

Ion Ratio Lower Upper

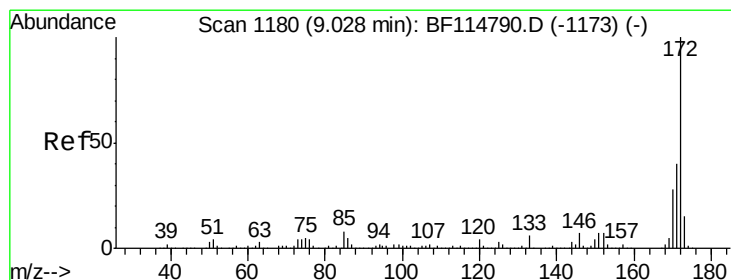
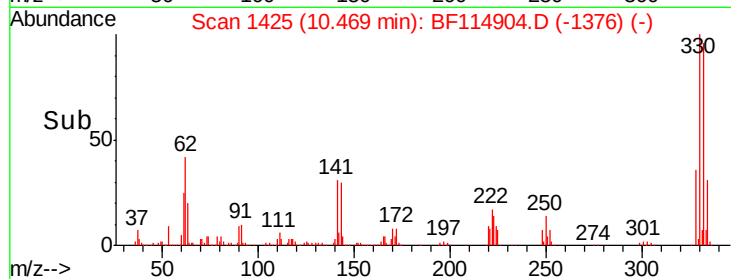
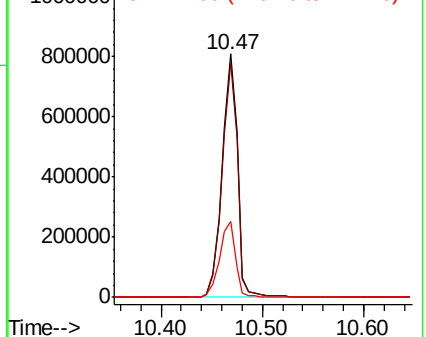
330 100

332 96.0 77.3 115.9

141 32.4 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: 91.639 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

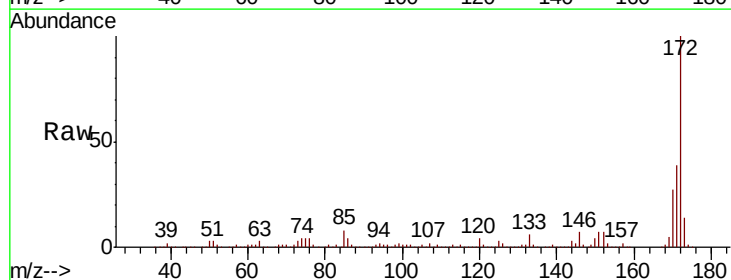
Tgt Ion:172 Resp: 3089875

Ion Ratio Lower Upper

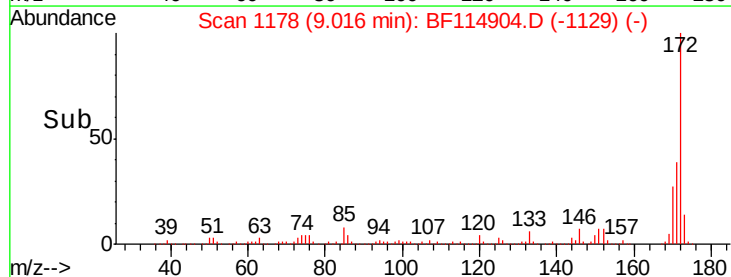
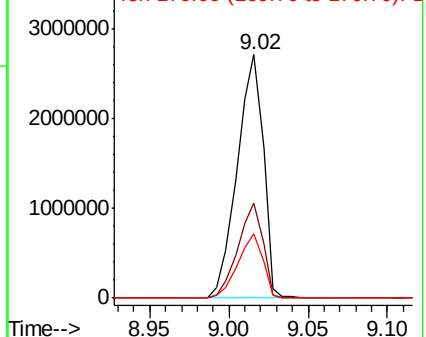
172 100

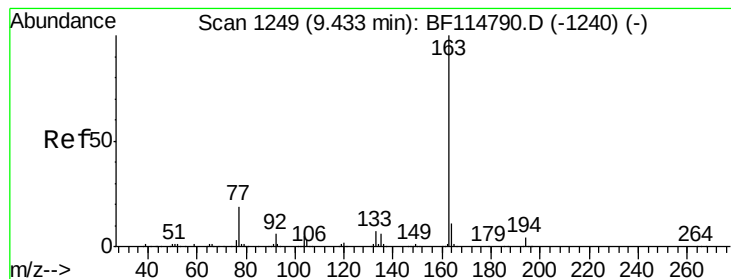
171 39.0 32.3 48.5

170 26.5 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: 12.897 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF114904.D

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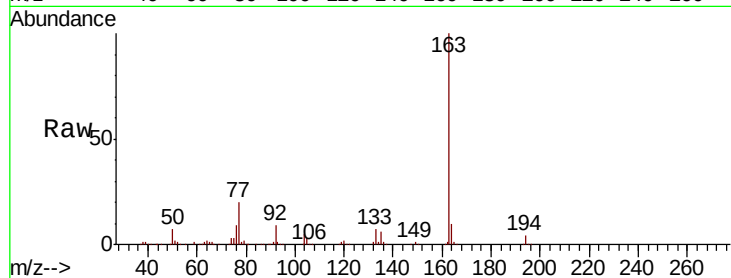
Tgt Ion:163 Resp: 594957

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

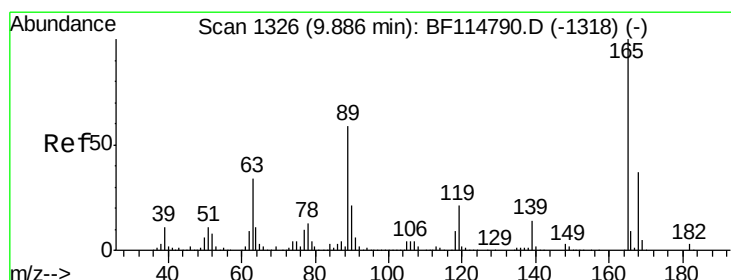
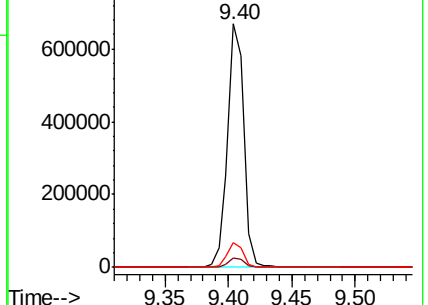
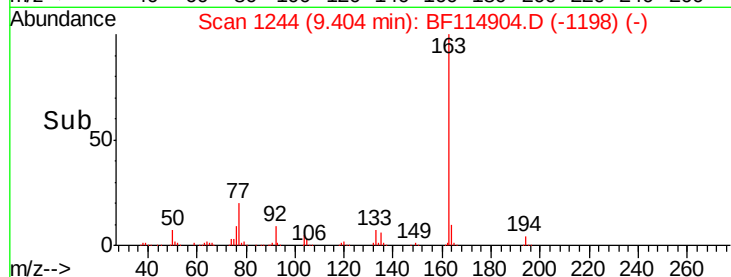
164 10.4 8.6 13.0



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: 6.010 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.21 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

Tgt Ion:165 Resp: 81974

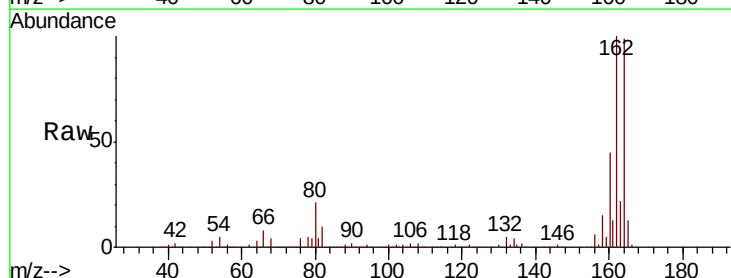
Ion Ratio Lower Upper

165 100

63 1.2 27.0 40.4#

89 1.3 47.0 70.6#

182 0.0 2.2 3.2#

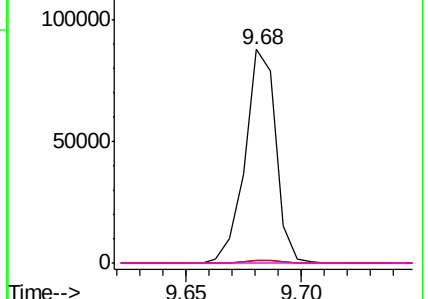
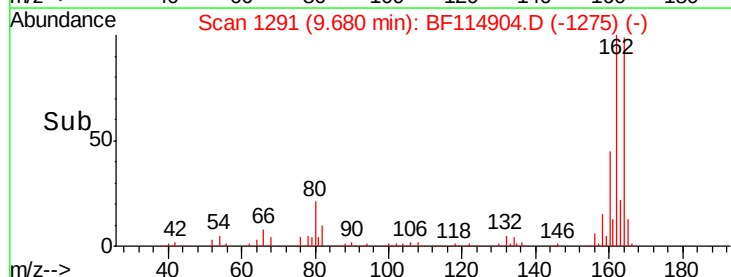


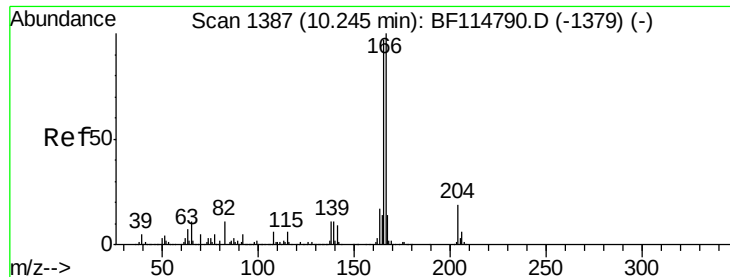
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 1425

Delta R.T. 0.22 min

Lab File: BF114904.D

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ClientSampleId :

FK-BPM-03-007-ABCD

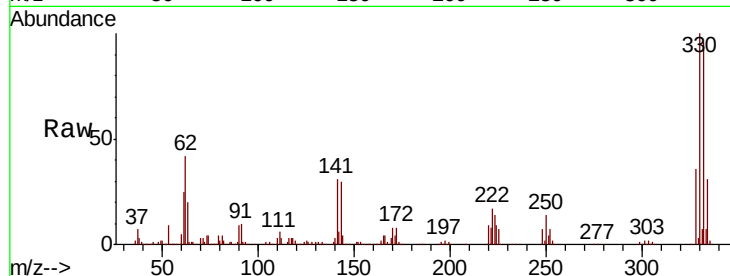
Tgt Ion:166 Resp: 38485

Ion Ratio Lower Upper

166 100

165 95.9 77.9 116.9

167 29.3 11.3 16.9#

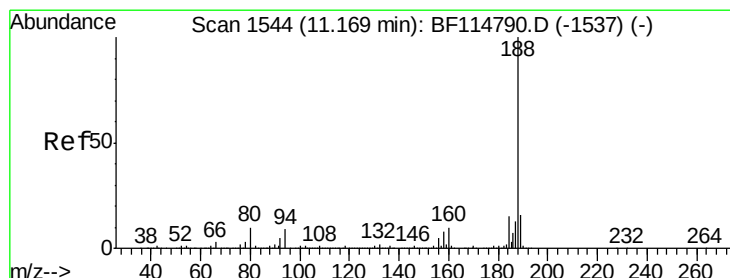
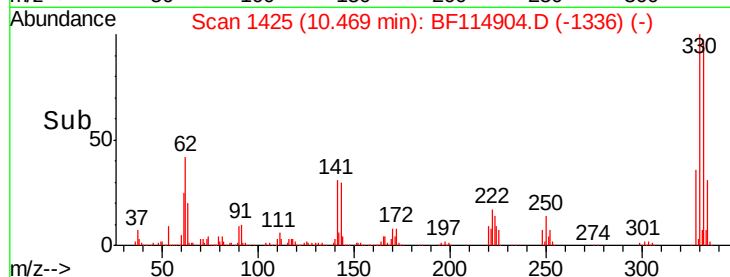
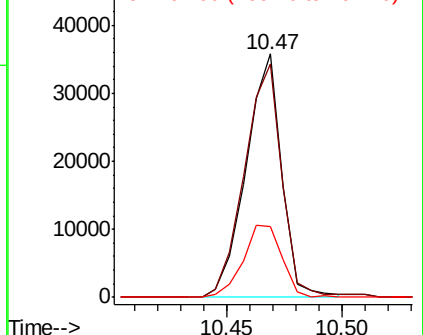


Abundance

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: BF114904.D

Acq: 7 Jun 2019 21:43

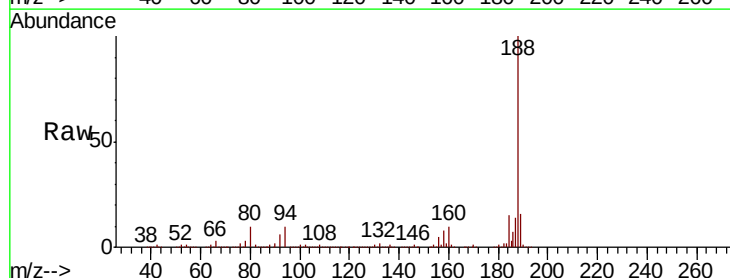
Tgt Ion:188 Resp: 1252119

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 9.9 8.3 12.5

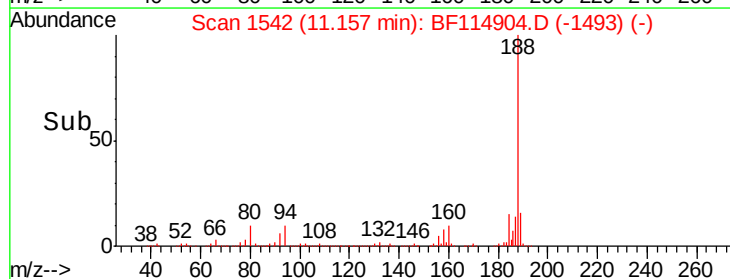
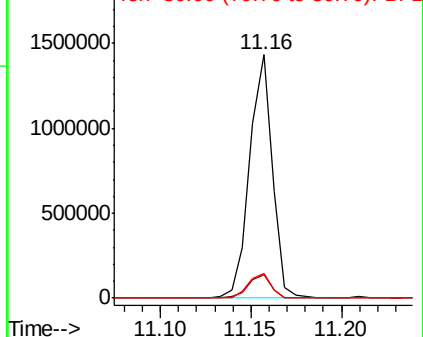


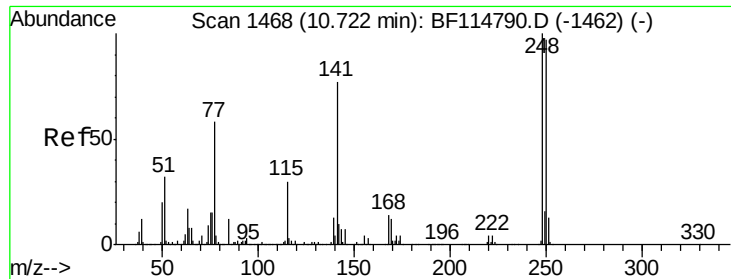
Abundance

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

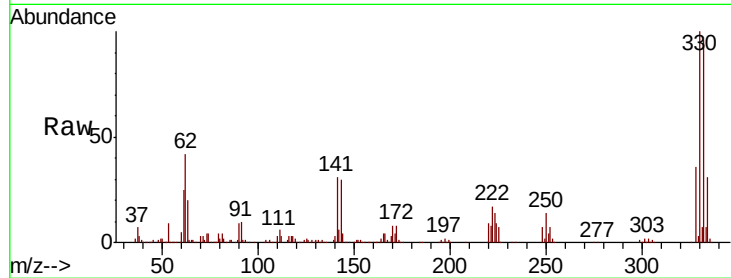




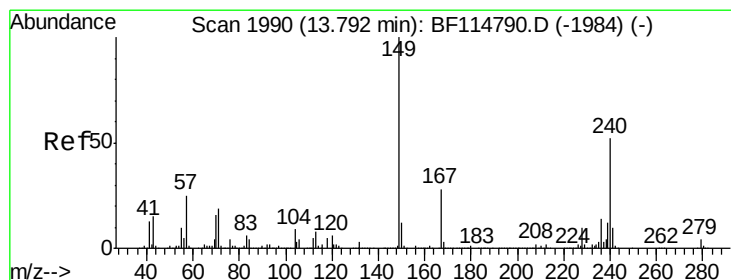
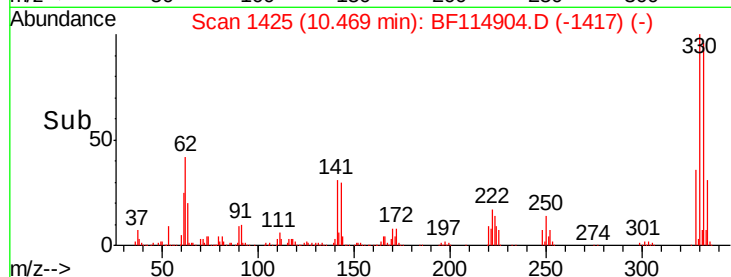
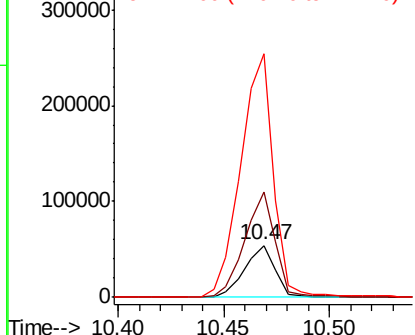
#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-007-ABCD

Tgt Ion:248 Resp: 54896
Ion Ratio Lower Upper
248 100
250 203.2 77.5 116.3#
141 469.6 61.8 92.8#

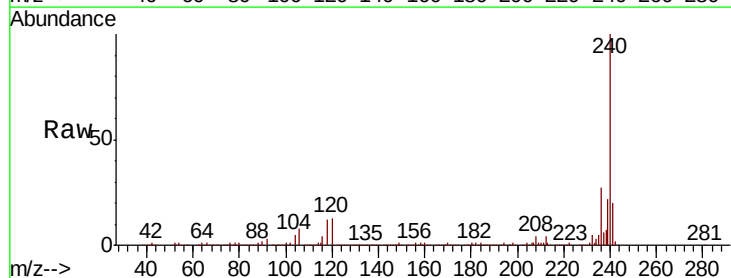


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

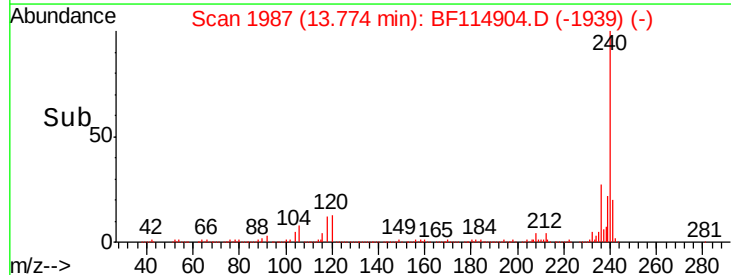
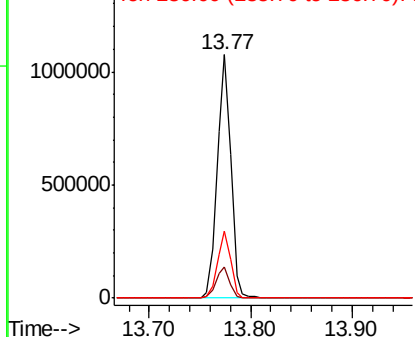


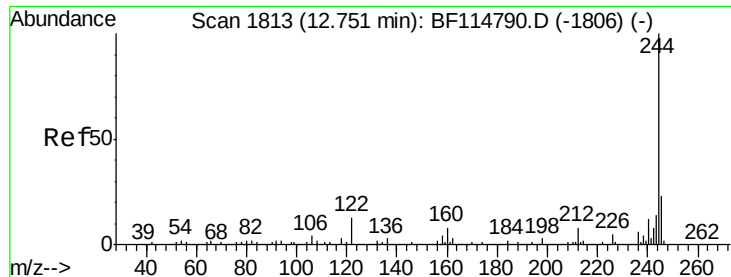
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114904.D
Acq: 7 Jun 2019 21:43

Tgt Ion:240 Resp: 997729
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.4
236 27.4 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: 65.262 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-007-ABCD

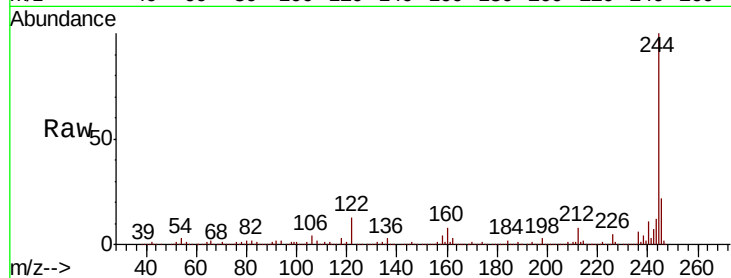
Tgt Ion:244 Resp: 3348161

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

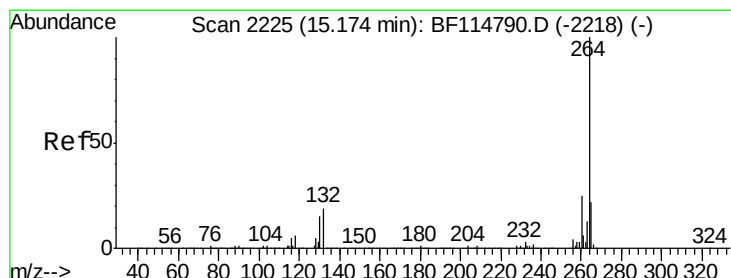
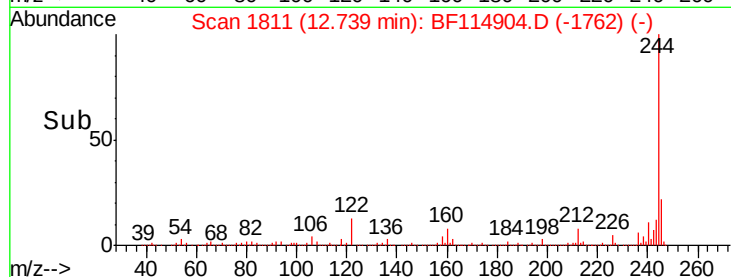
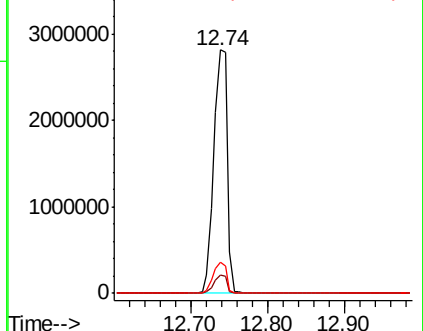
122 13.0 10.5 15.7



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: 15.15 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF114904.D

Acq: 7 Jun 2019 21:43

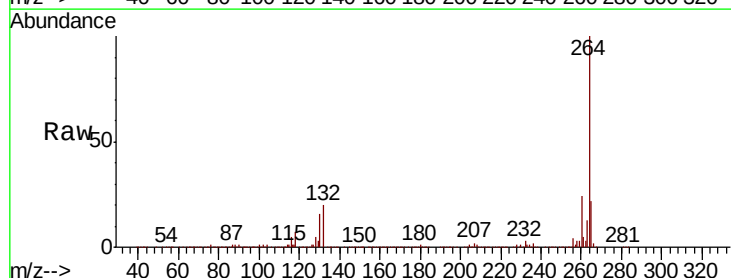
Tgt Ion:264 Resp: 1001123

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.7 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

