

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114897.D
 Acq On : 7 Jun 2019 14:53
 Operator : HP/JU
 Sample : K3218-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Quant Time: Jun 08 05:15:37 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

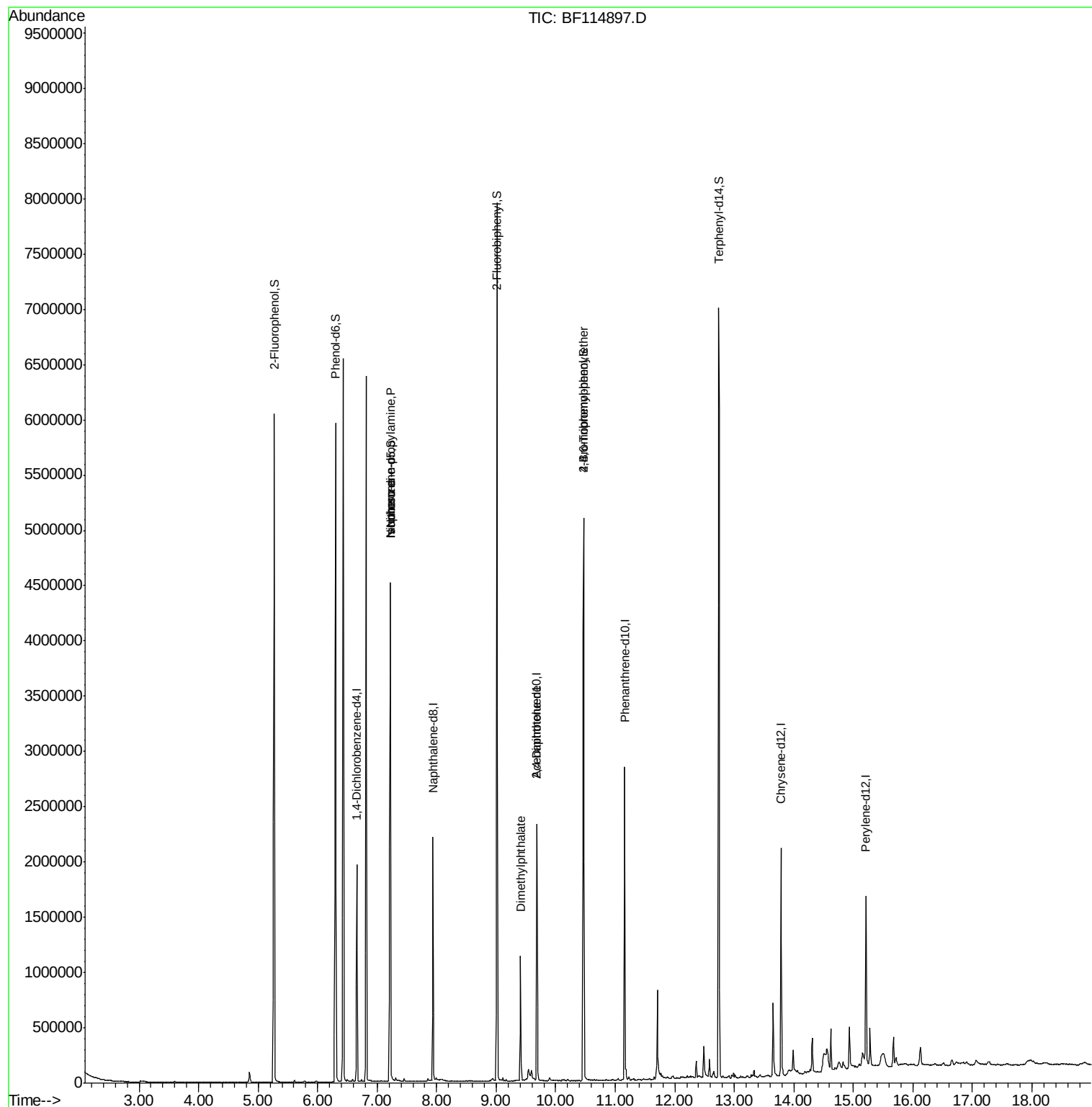
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	271051	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1005507	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	487459	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	944726	20.00	ng	-0.01
76) Chrysene-d12	13.79	240	622376	20.00	ng	0.00
87) Perylene-d12	15.22	264	679274	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2003041	129.13	ng	0.00
7) Phenol-d6	6.30	99	2432188	128.86	ng	0.00
23) Nitrobenzene-d5	7.22	82	1488908	91.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	682152	129.86	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2458504	94.48	ng	-0.01
79) Terphenyl-d14	12.74	244	2520084	78.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	199367	15.956	ng	# 76
25) Isophorone	7.22	82	1466336	45.409	ng	# 61
50) Dimethylphthalate	9.40	163	457815	12.859	ng	# 99
57) 2,4-Dinitrotoluene	9.68	165	62151	5.905	ng	# 32
58) Fluorene	10.23	166	1502	Below Cal		# 85
67) 4-Bromophenyl-phenylether	10.47	248	43479	4.052	ng	# 1

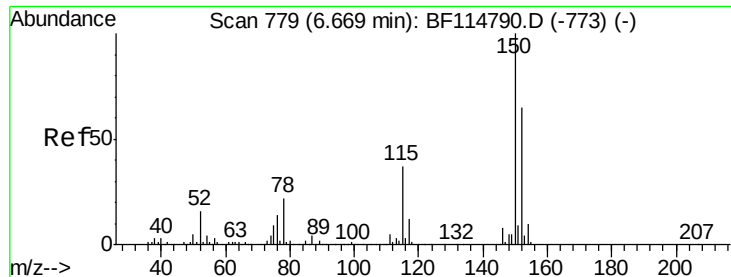
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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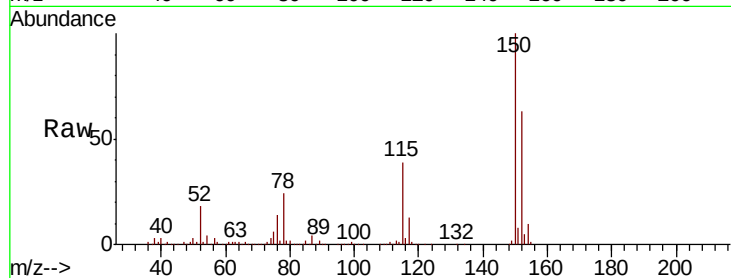


#1

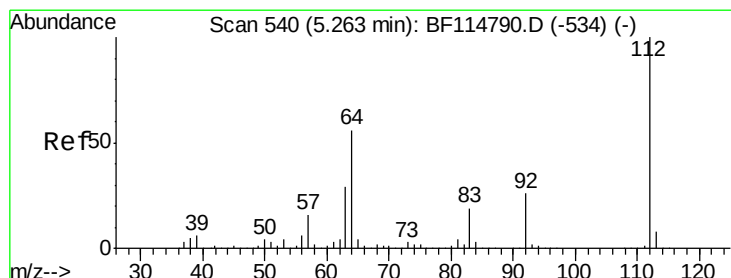
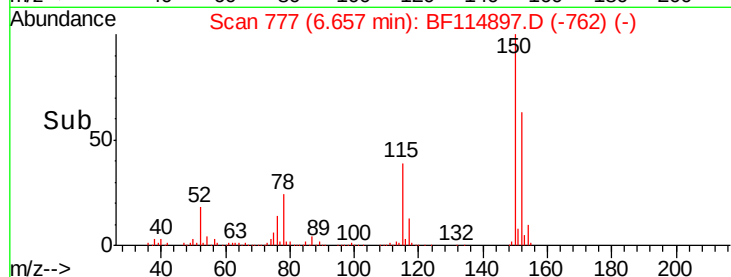
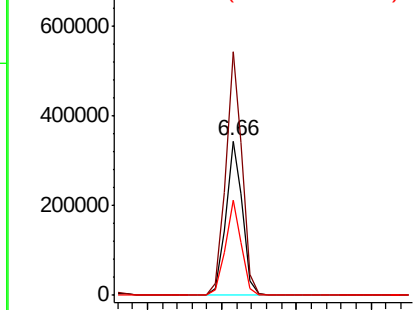
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tgt Ion:152 Resp: 271051
Ion Ratio Lower Upper
152 100
150 158.1 124.0 186.0
115 61.7 46.3 69.5



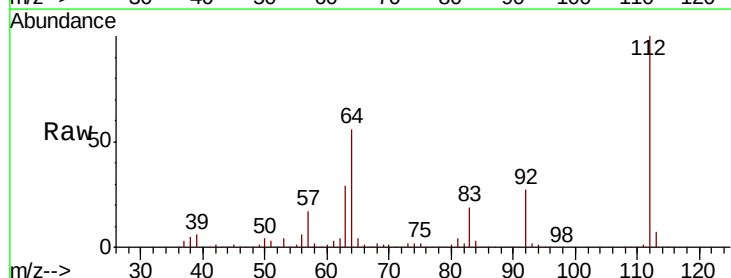
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



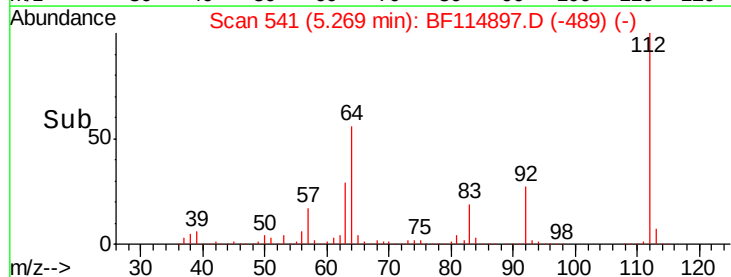
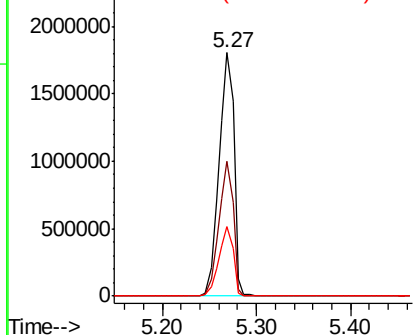
#5

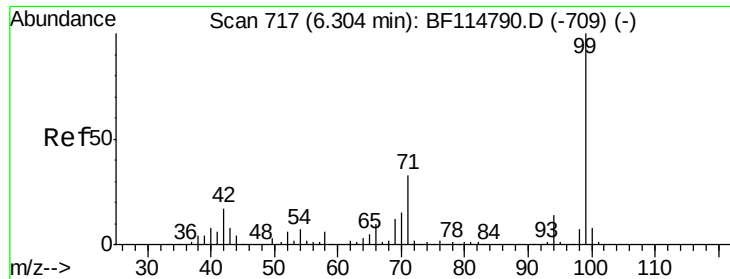
2-Fluorophenol
Concen: 129.128 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Tgt Ion:112 Resp: 2003041
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 28.8 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: 128.857 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114897.D

Acq: 7 Jun 2019 14:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

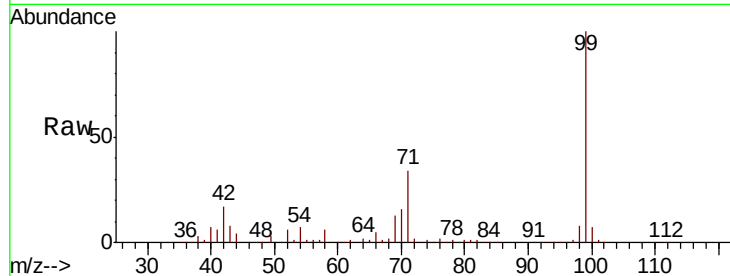
Tgt Ion: 99 Resp: 2432188

Ion Ratio Lower Upper

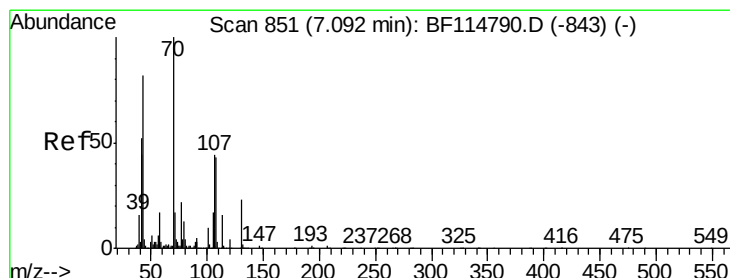
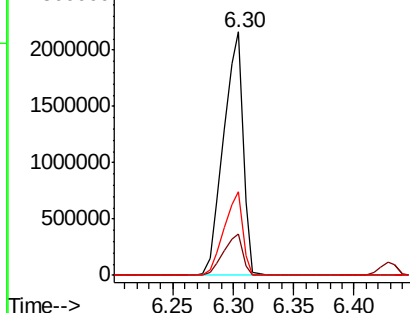
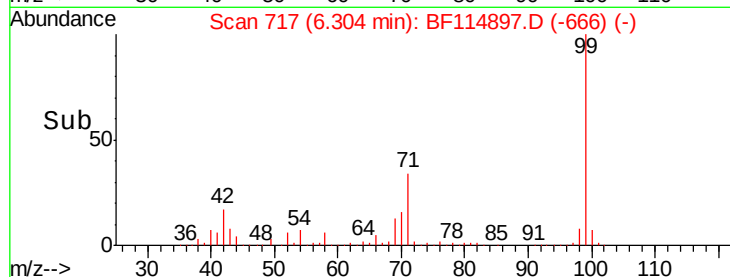
99 100

42 17.0 13.3 19.9

71 34.1 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: 15.956 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114897.D

Acq: 7 Jun 2019 14:53

Tgt Ion: 70 Resp: 199367

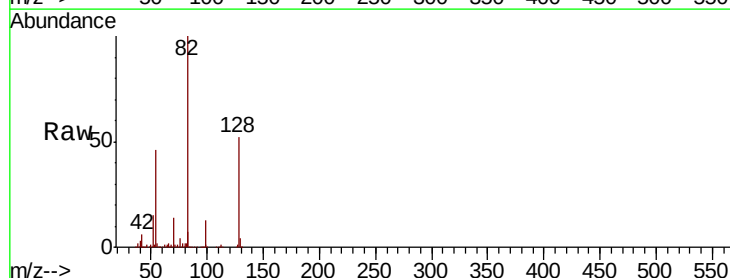
Ion Ratio Lower Upper

70 100

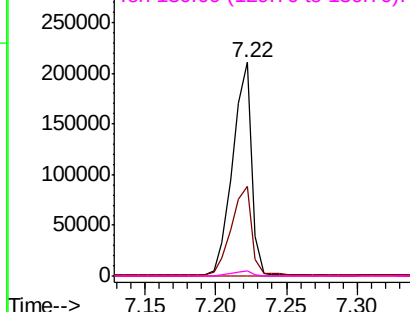
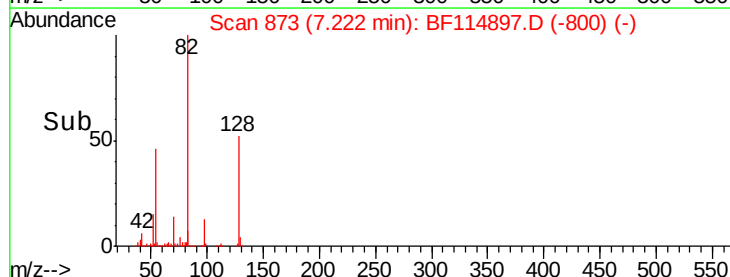
42 41.9 41.8 62.8

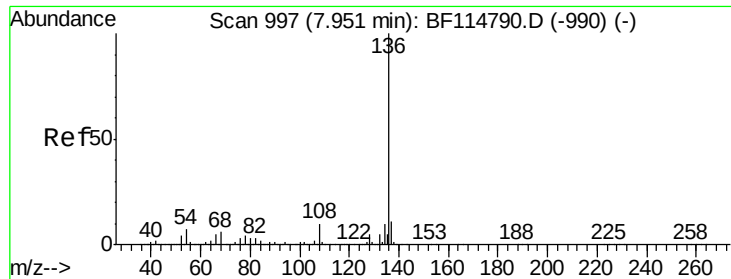
101 0.0 8.2 12.4#

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

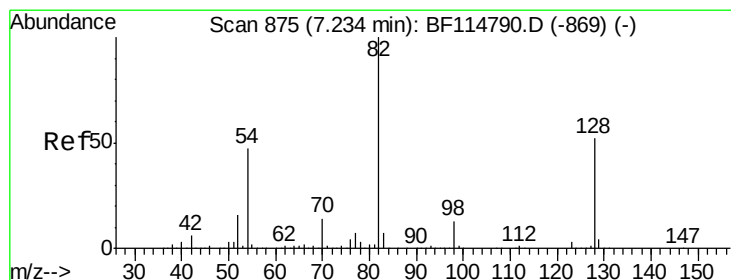
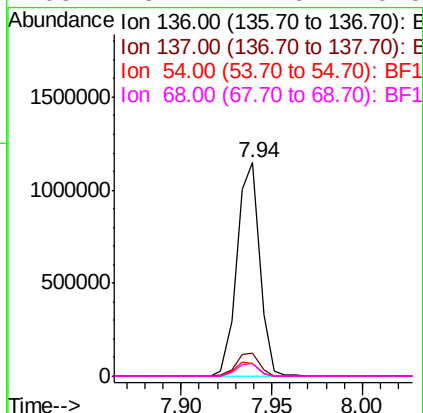
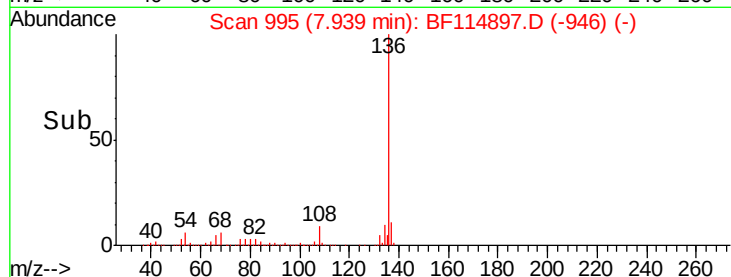
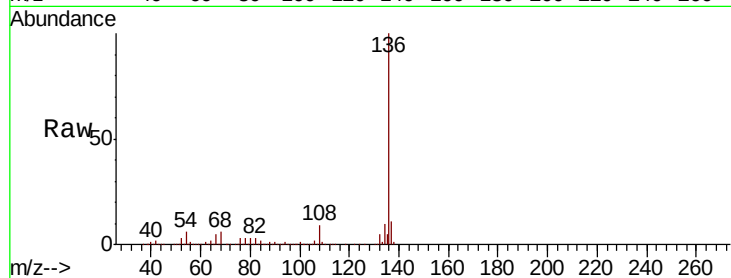




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

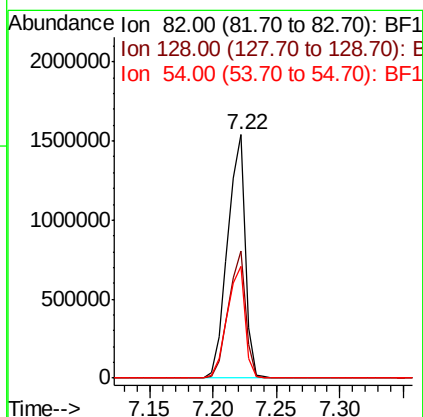
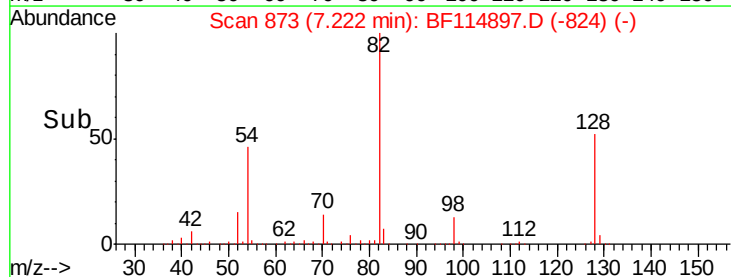
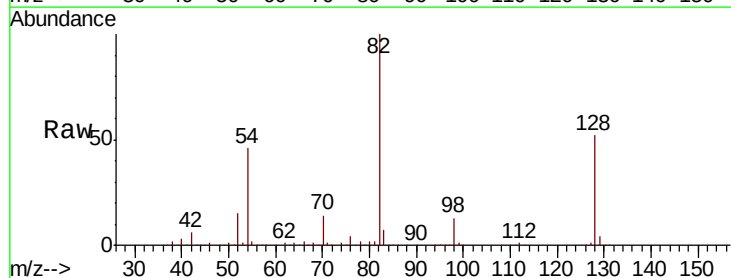
Instrument :
BNA_F
ClientSampleId :
RBR-200027

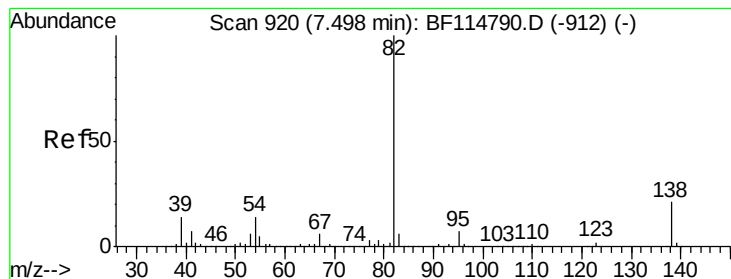
Tgt Ion:	136	Resp:	1005507
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	5.4	8.0
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 91.153 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Tgt Ion:	82	Resp:	1488908
Ion	Ratio	Lower	Upper
82	100		
128	52.4	41.8	62.6
54	46.1	37.9	56.9





#25

Isophorone

Concen: 45.409 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114897.D

Acq: 7 Jun 2019 14:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

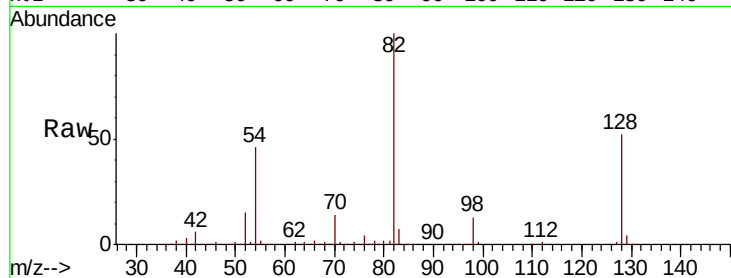
Tgt Ion: 82 Resp: 1466336

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

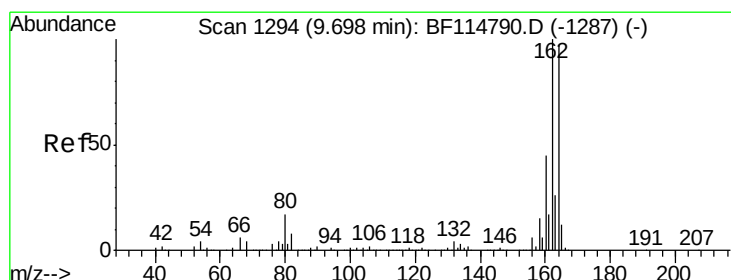
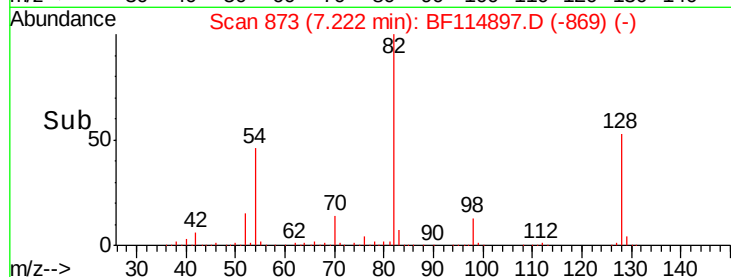
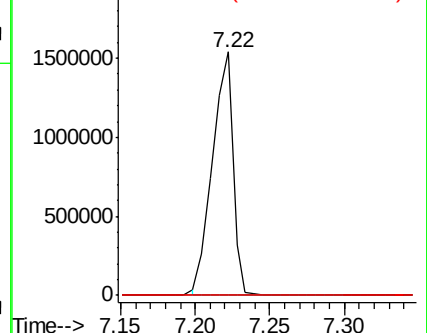
138 0.0 16.9 25.3#



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114897.D

Acq: 7 Jun 2019 14:53

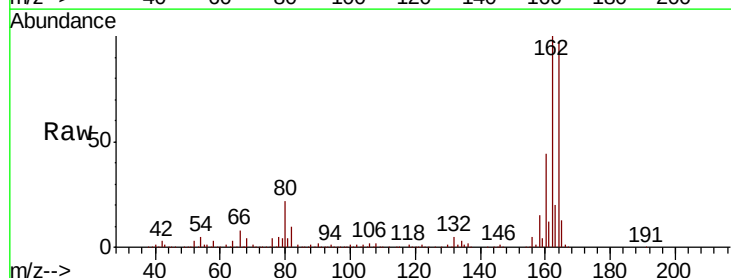
Tgt Ion: 164 Resp: 487459

Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

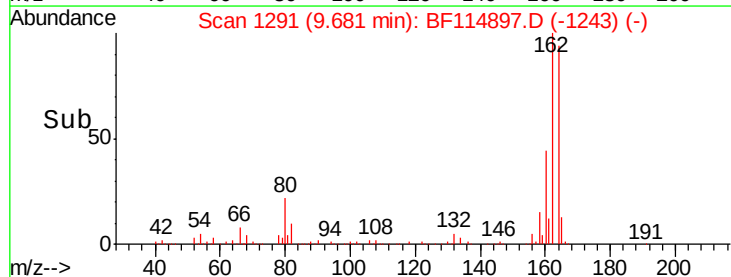
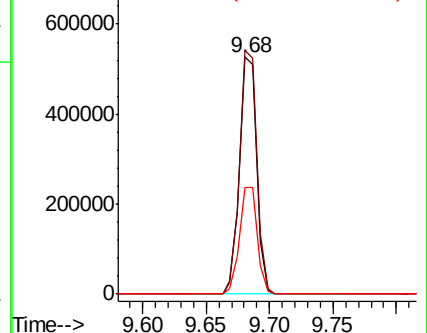
160 44.9 36.7 55.1

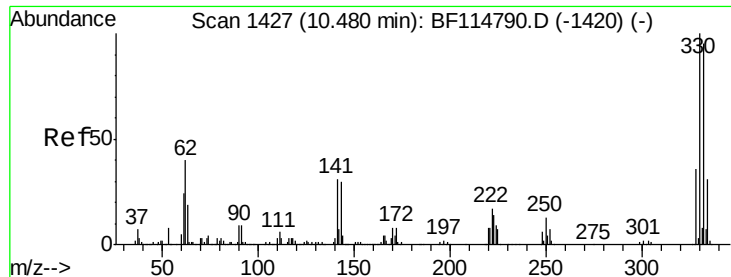


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

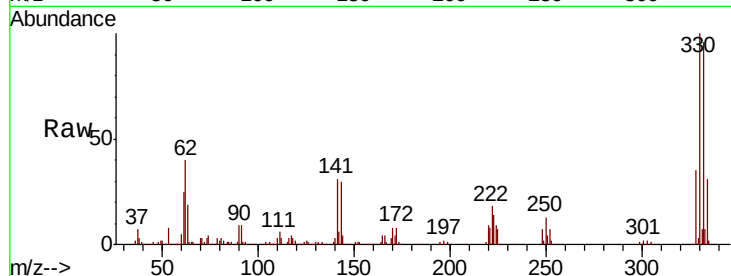




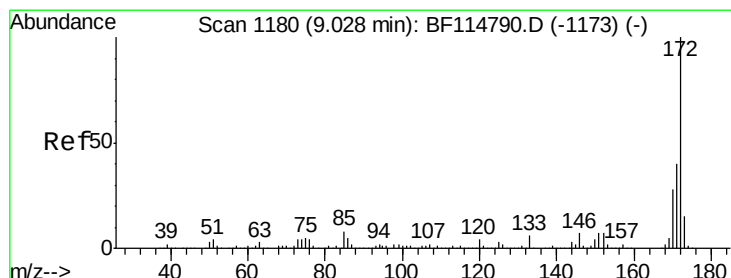
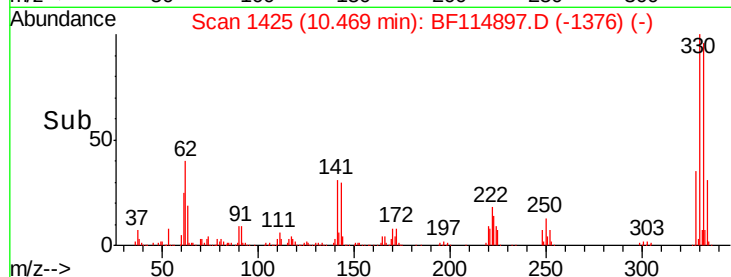
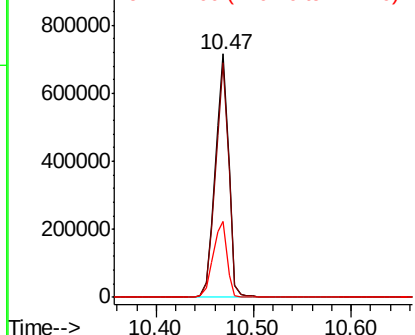
#42
 2,4,6-Tribromophenol
 Concen: 129.856 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114897.D
 Acq: 7 Jun 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tgt Ion:330 Resp: 682152
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 32.8 26.2 39.4

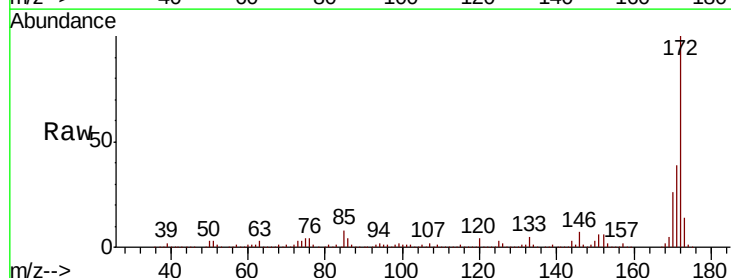


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

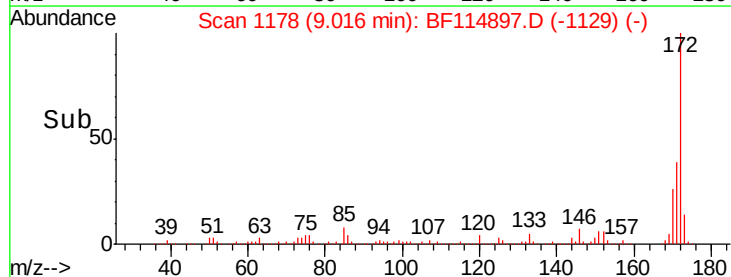
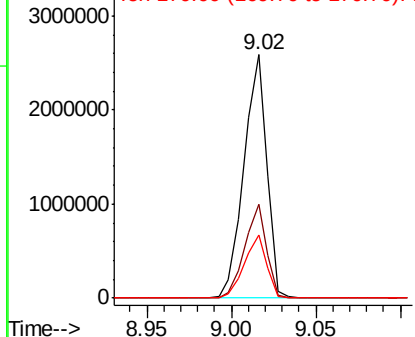


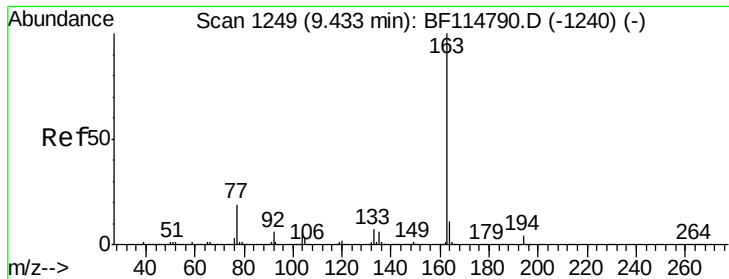
#45
 2-Fluorobiphenyl
 Concen: 94.479 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF114897.D
 Acq: 7 Jun 2019 14:53

Tgt Ion:172 Resp: 2458504
 Ion Ratio Lower Upper
 172 100
 171 38.5 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

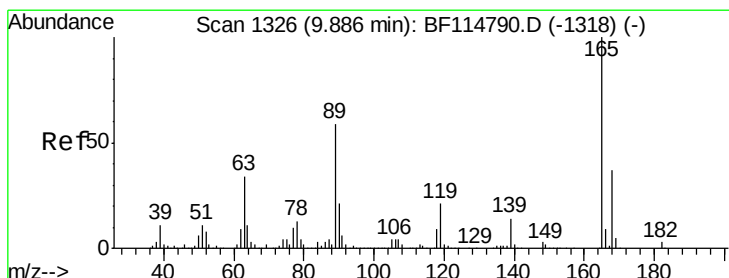
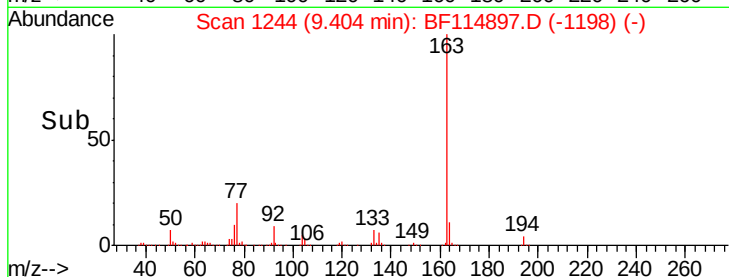
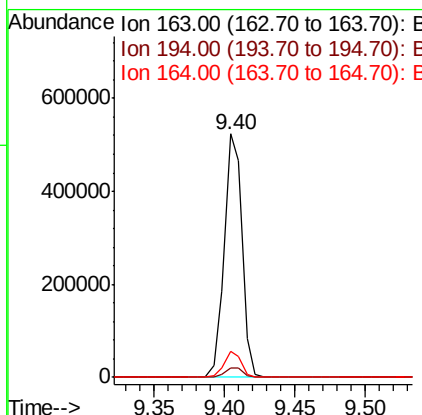
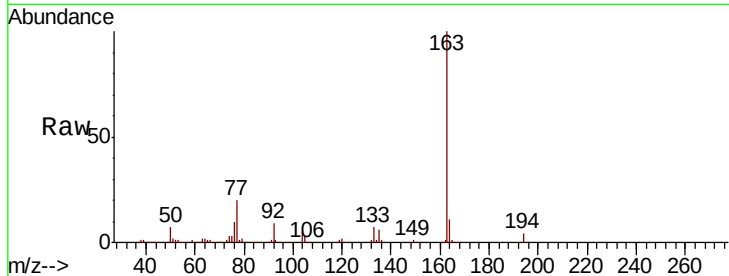




#50
Dimethylphthalate
Concen: 12.859 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

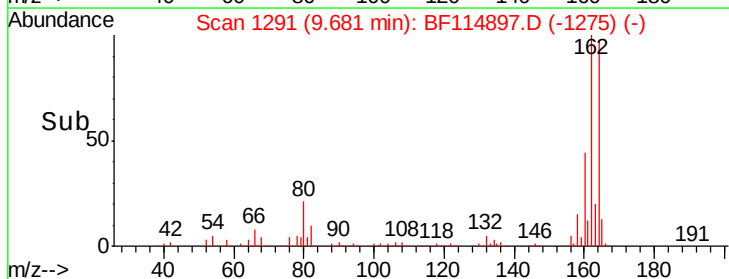
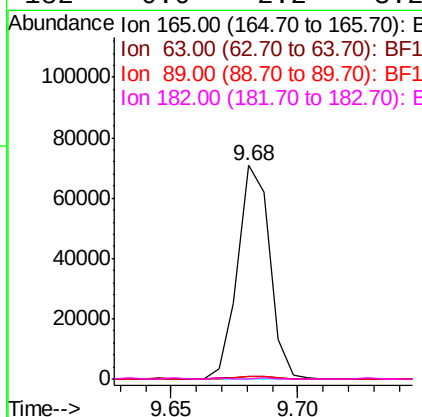
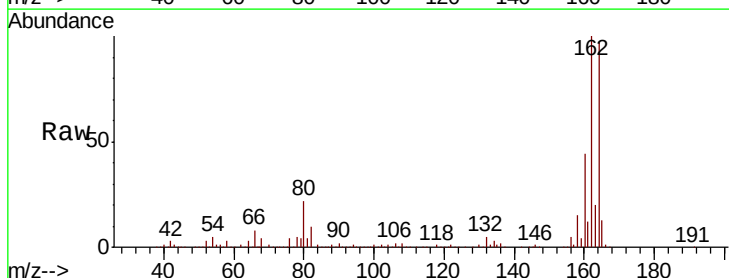
Instrument :
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ClientSampleId :
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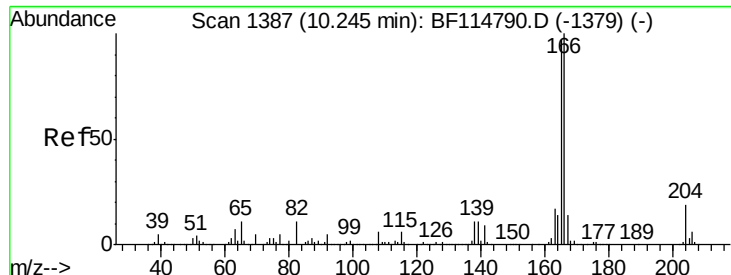
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.7	8.6	13.0



#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.0	40.4#
89	1.1	47.0	70.6#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF114897.D

Acq: 7 Jun 2019 14:53

Instrument :

BNA_F

ClientSampleId :

RBR-200027

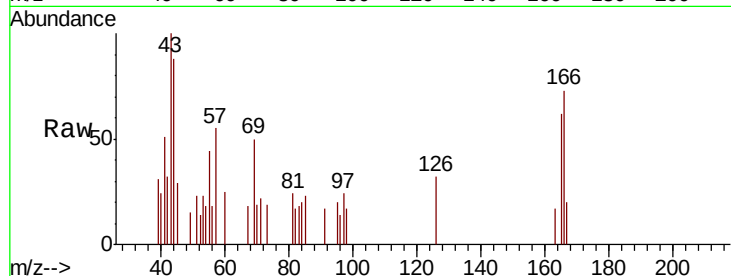
Tgt Ion:166 Resp: 1502

Ion Ratio Lower Upper

166 100

165 85.2 77.9 116.9

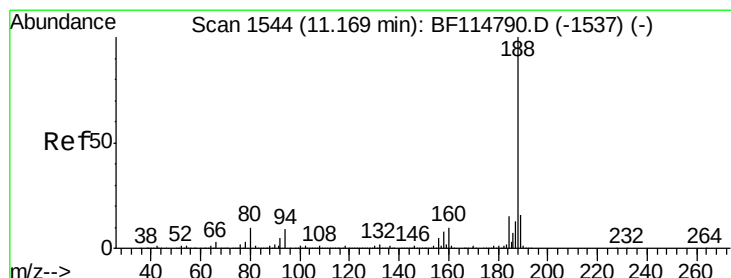
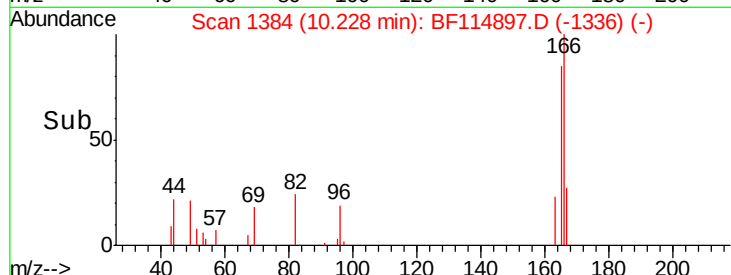
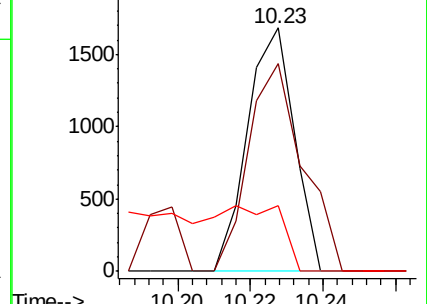
167 27.2 11.3 16.9#



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: BF114897.D

Acq: 7 Jun 2019 14:53

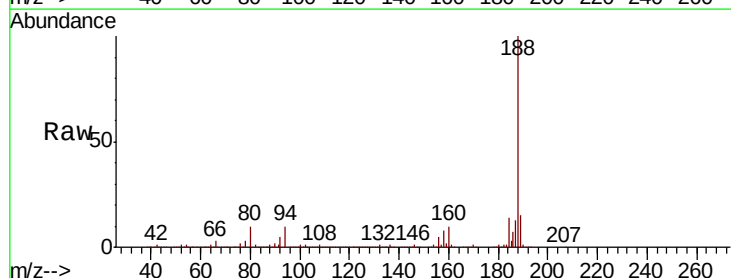
Tgt Ion:188 Resp: 944726

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

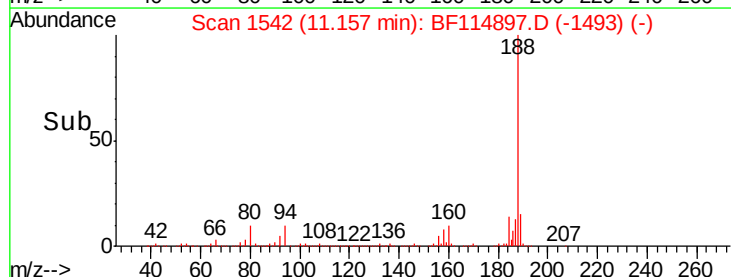
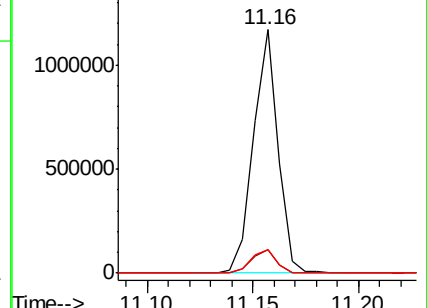
80 9.8 8.3 12.5

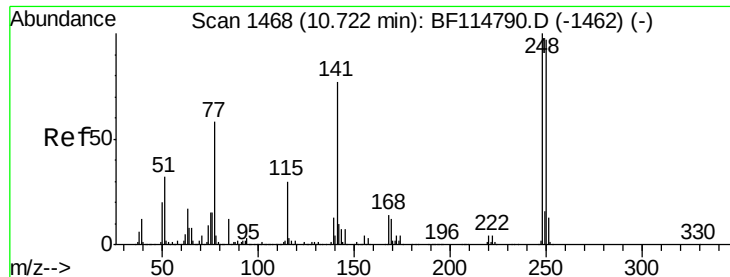


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

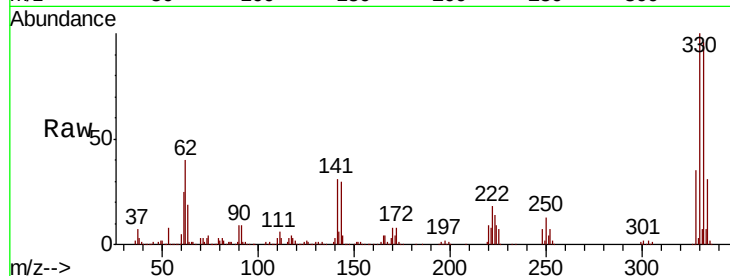




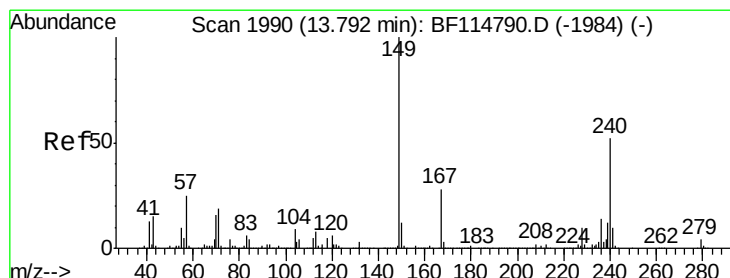
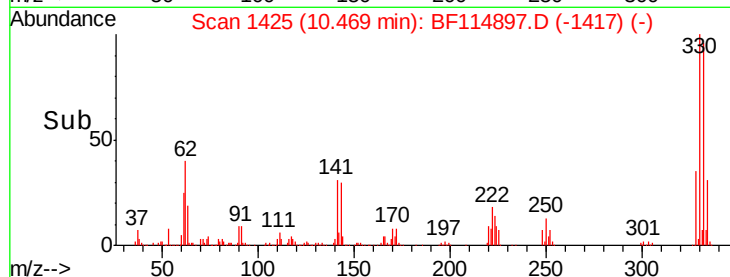
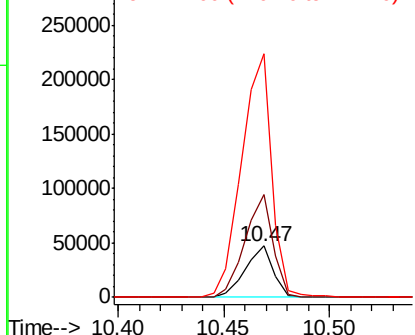
#67
4-Bromophenyl-phenylether
Concen: 4.052 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tgt Ion:248 Resp: 43479
Ion Ratio Lower Upper
248 100
250 200.7 77.5 116.3#
141 474.8 61.8 92.8#

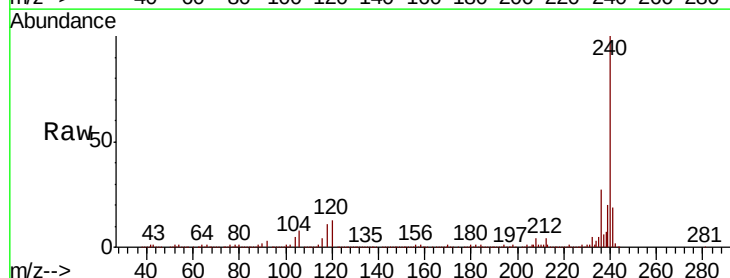


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

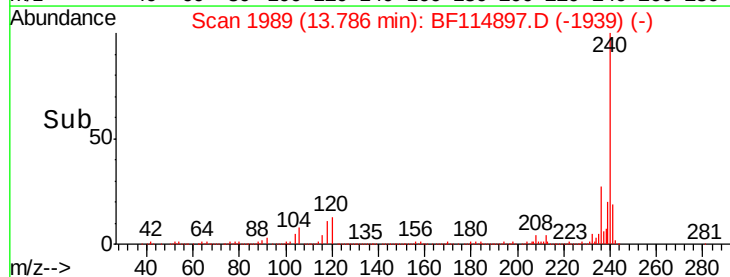
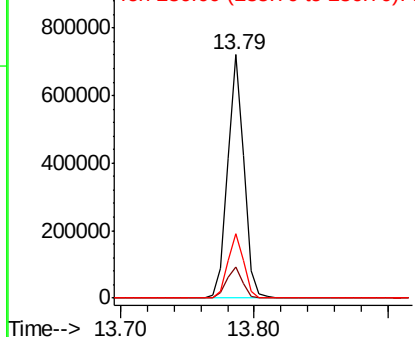


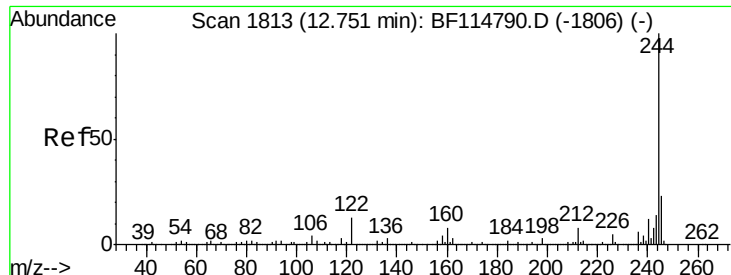
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114897.D
Acq: 7 Jun 2019 14:53

Tgt Ion:240 Resp: 622376
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.4
236 26.5 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

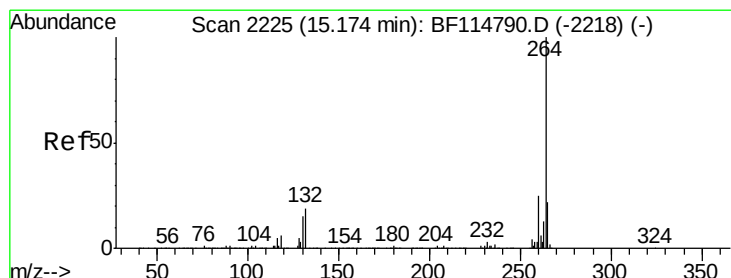
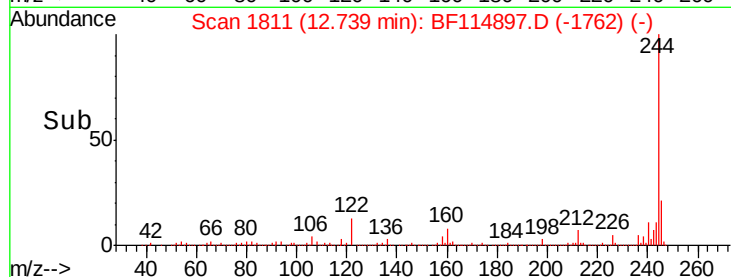
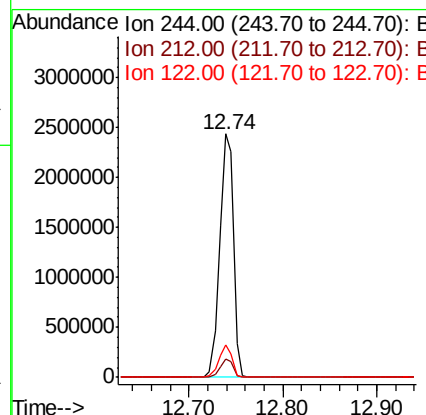
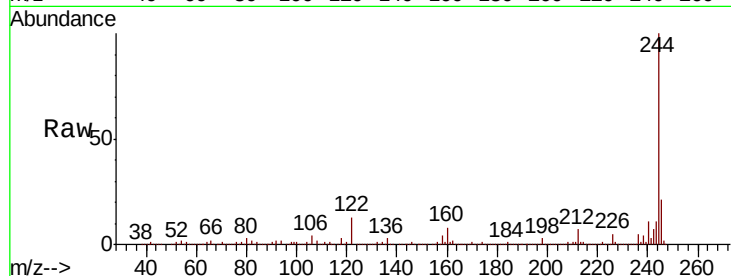




#79
 Terphenyl-d14
 Concen: 78.746 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114897.D
 Acq: 7 Jun 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tgt Ion:244 Resp: 2520084
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 13.4 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF114897.D
 Acq: 7 Jun 2019 14:53

Tgt Ion:264 Resp: 679274
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.4 17.7 26.5

