

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114458.D
 Acq On : 21 May 2019 16:17
 Operator : JU/SJ
 Sample : K2865-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 16:50:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

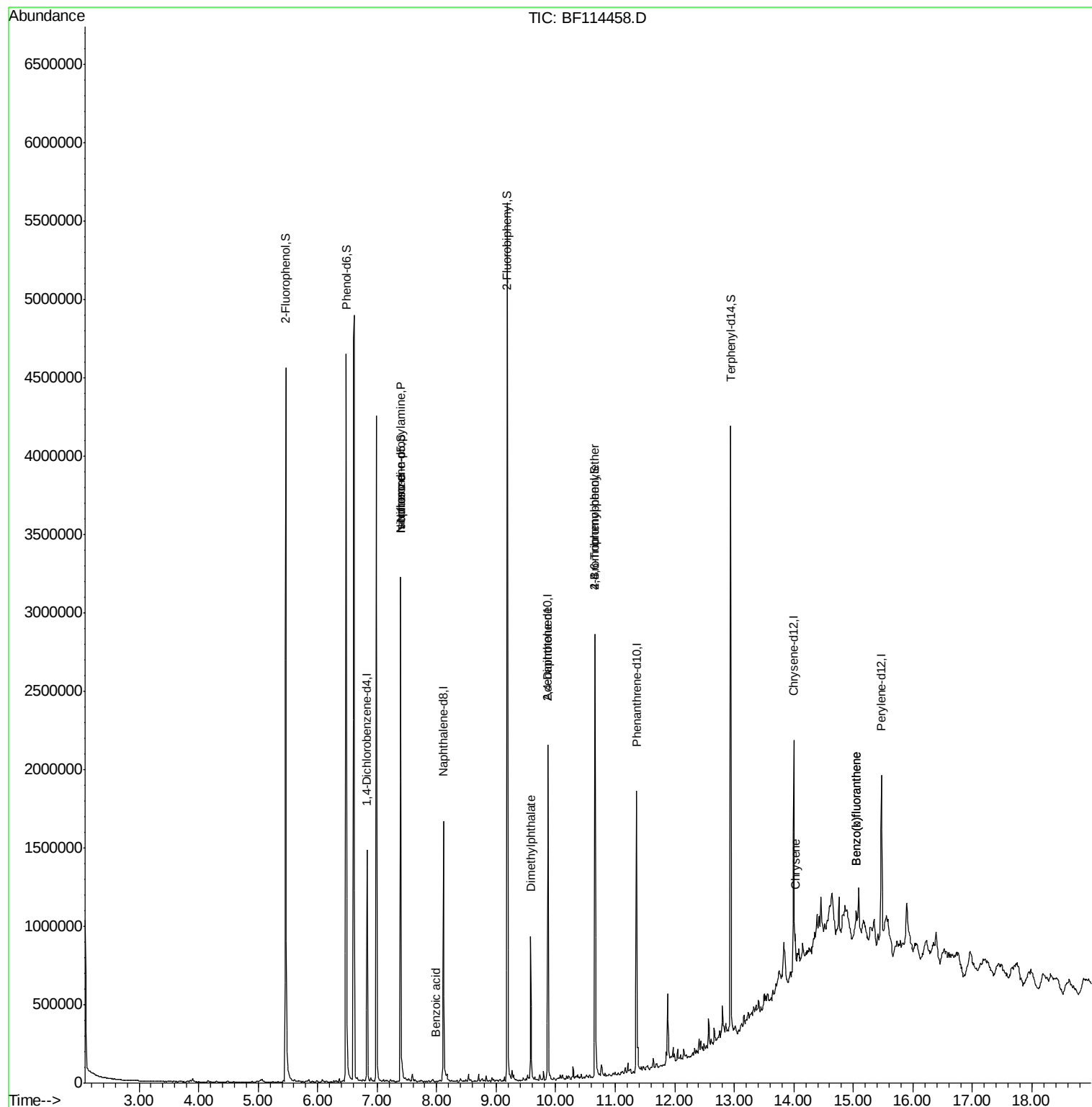
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	229303	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	870314	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	404498	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	707308	20.00	ng	0.00
76) Chrysene-d12	14.00	240	438696	20.00	ng	0.00
87) Perylene-d12	15.47	264	454046	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1326490	93.09	ng	0.00
7) Phenol-d6	6.48	99	1723569	102.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	1077033	69.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	377192	90.20	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1878203	70.24	ng	0.00
79) Terphenyl-d14	12.94	244	1414329	66.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	141858	13.280	ng	# 74
25) Isophorone	7.39	82	1077033	37.447	ng	# 64
32) Benzoic acid	8.00	122	106	7.031	ng	# 28
50) Dimethylphthalate	9.58	163	362757	12.217	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	53539	5.989	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	23027	2.957	ng	# 1
83) Chrysene	14.02	228	69284	2.491	ng	# 96
88) Benzo(b)fluoranthene	15.04	252	87739	3.016	ng	# 79
89) Benzo(k)fluoranthene	15.04	252	87739	3.284	ng	# 80

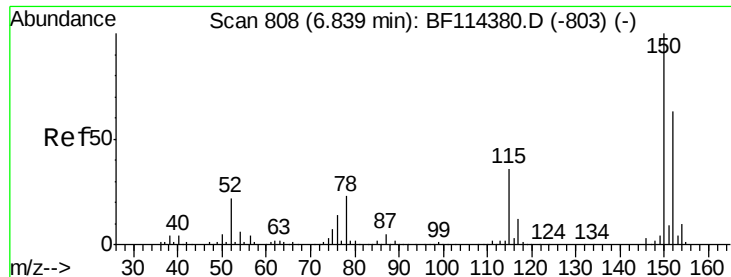
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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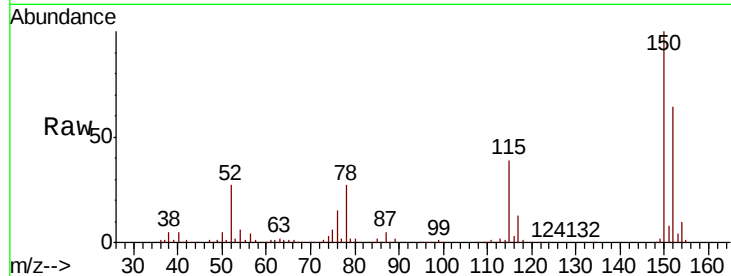


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114458.D
Acq: 21 May 2019 16:17

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	61.0	49.1	73.7

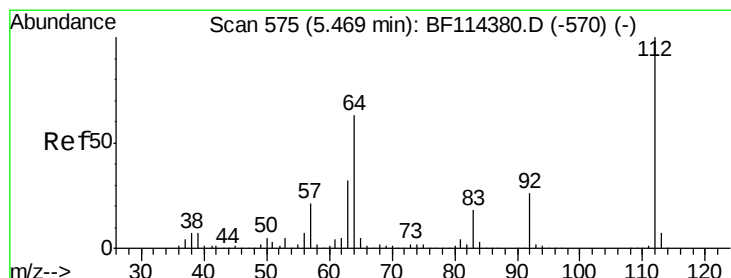
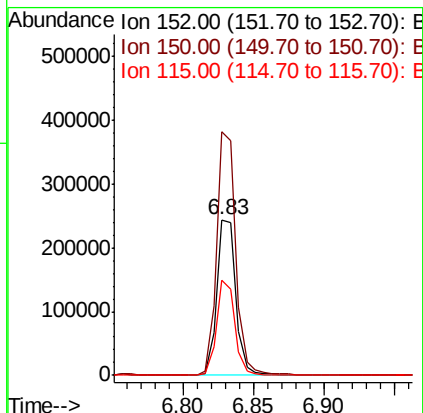
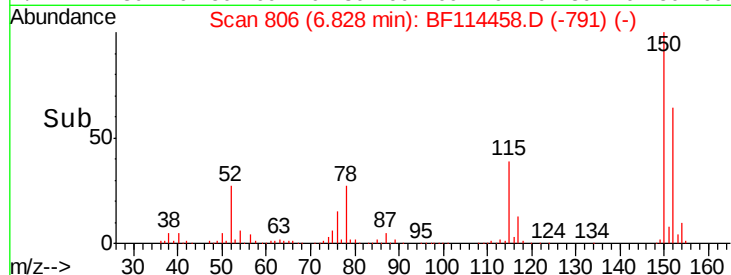


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

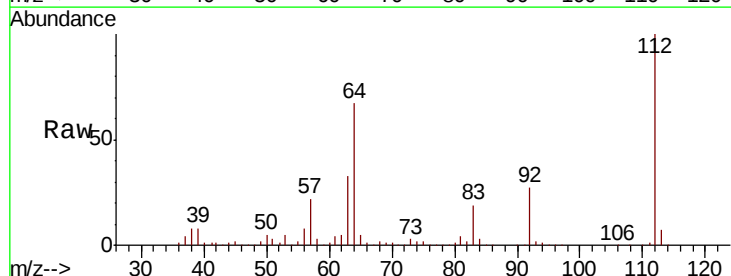
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.094 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114458.D
Acq: 21 May 2019 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	49.0	73.6
63	33.5	24.6	37.0

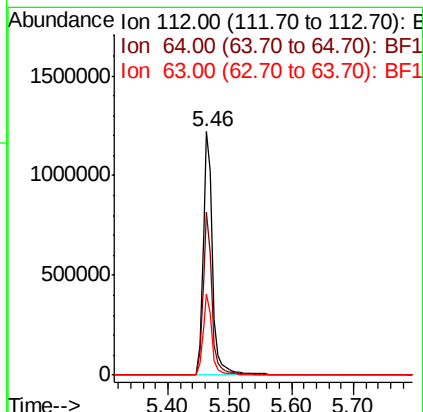
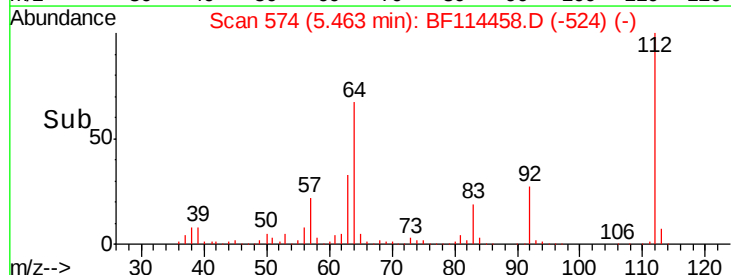


Abundance

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: 102.273 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

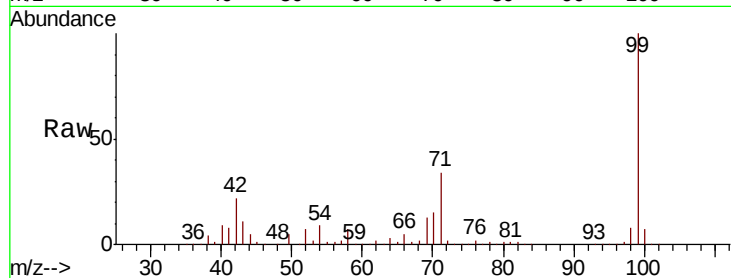
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1723569

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	33.5	26.2	39.2

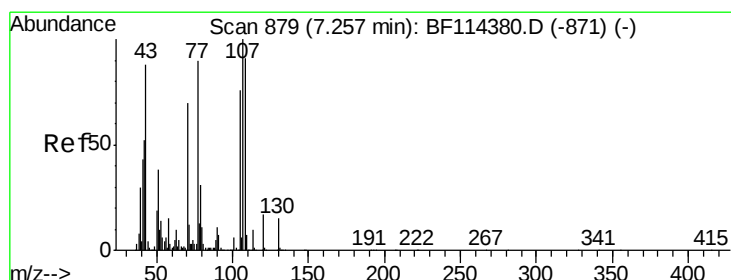
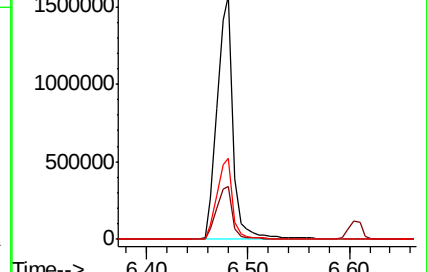
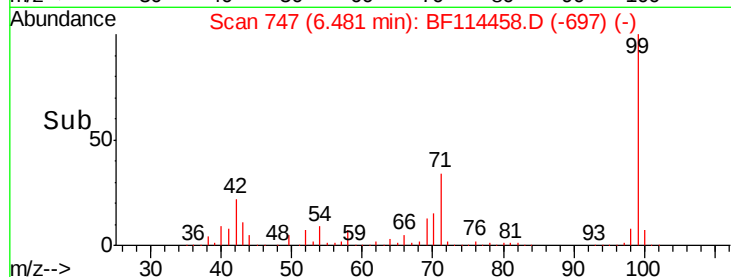


Abundance

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: 13.280 ng

RT: 7.39 min Scan# 902

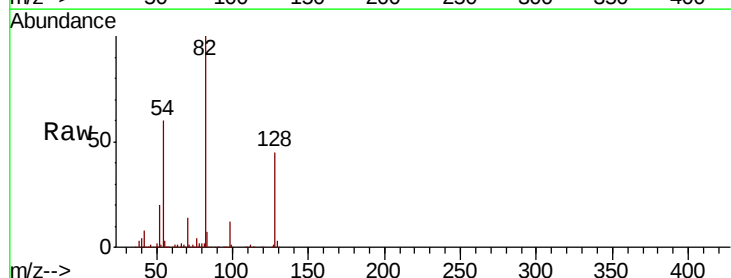
Delta R.T. 0.14 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

Tgt Ion: 70 Resp: 141858

Ion	Ratio	Lower	Upper
70	100		
42	55.7	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



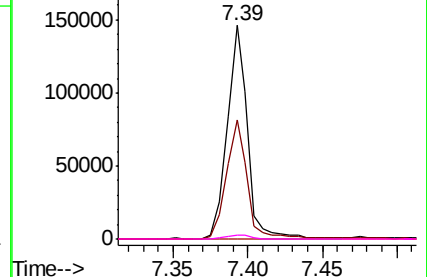
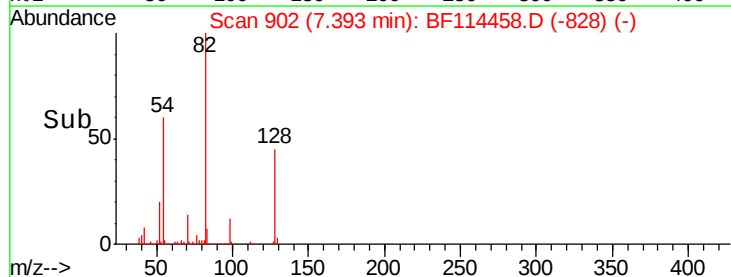
Abundance

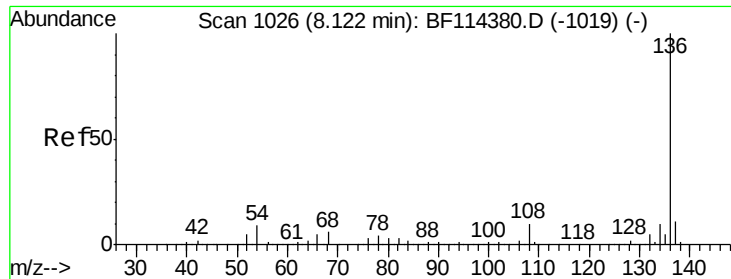
Ion 70.00 (69.70 to 70.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 870314

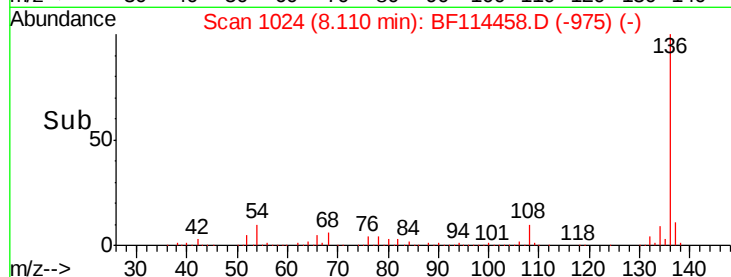
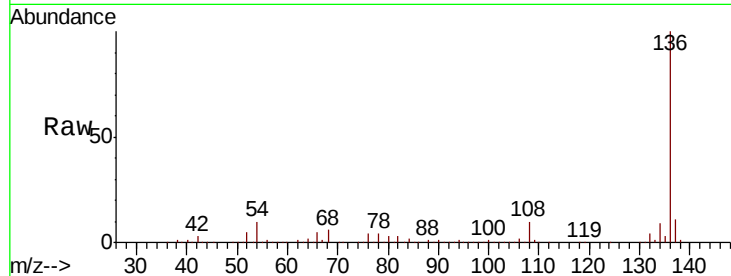
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.2 7.8 11.8

68 6.0 5.1 7.7

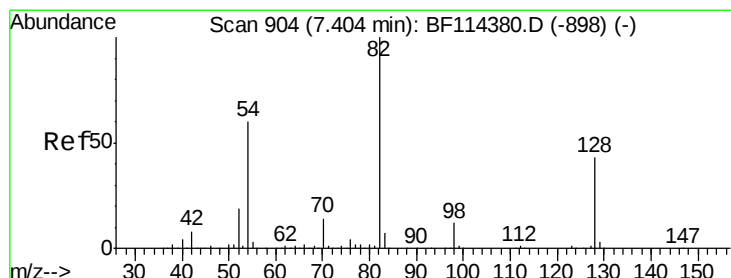
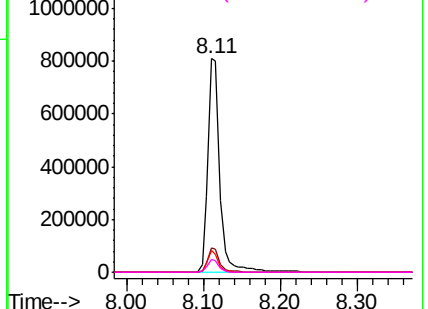


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.450 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

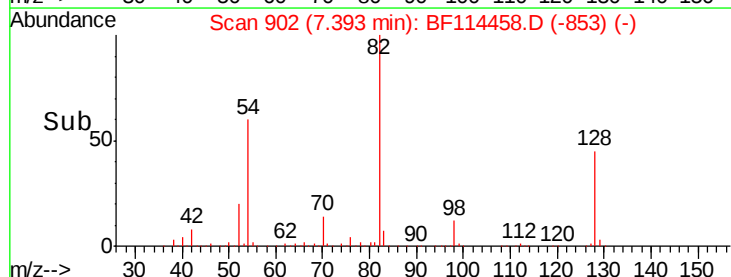
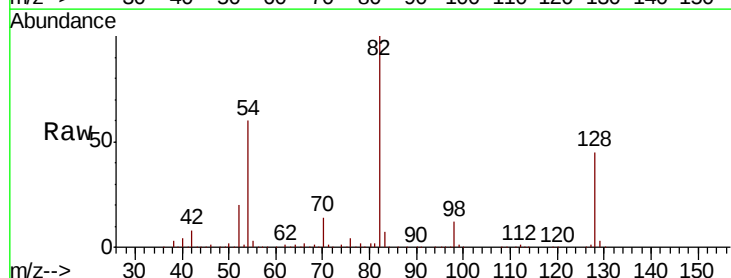
Tgt Ion: 82 Resp: 1077033

Ion Ratio Lower Upper

82 100

128 45.0 35.5 53.3

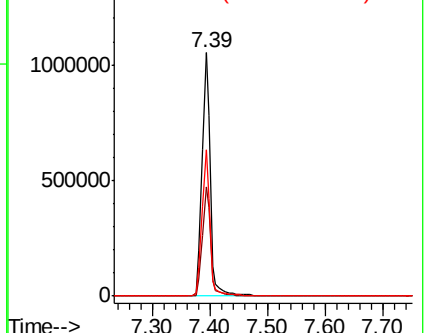
54 59.9 48.5 72.7

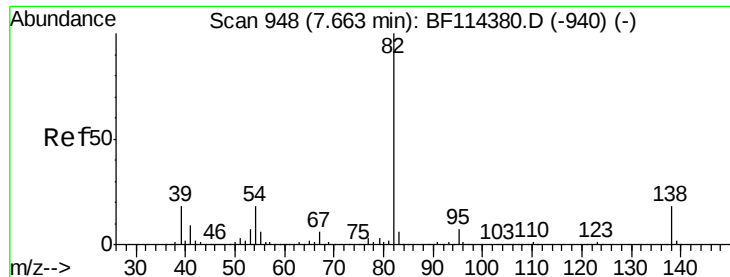


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.447 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

Instrument :

BNA_E

ClientSampleId :

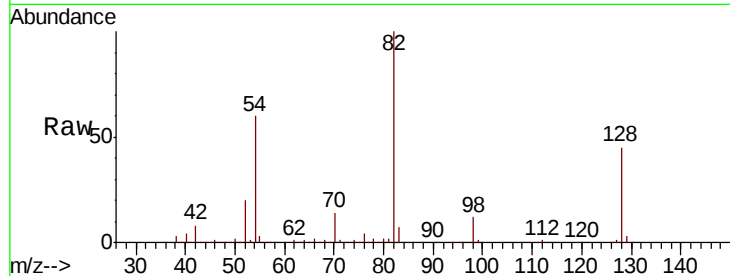
Tot Ion: 82 Resp: 1077033

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

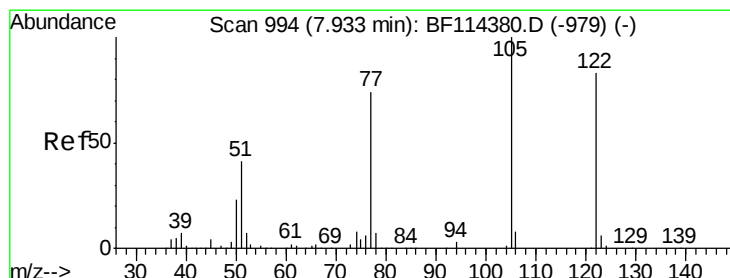
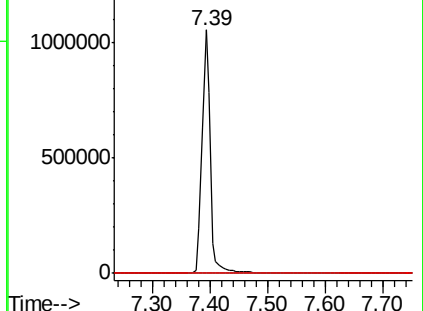
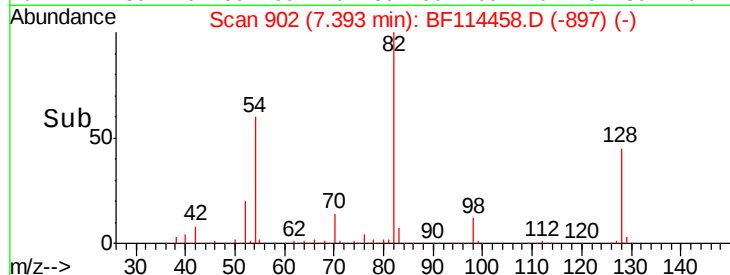
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.031 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.07 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

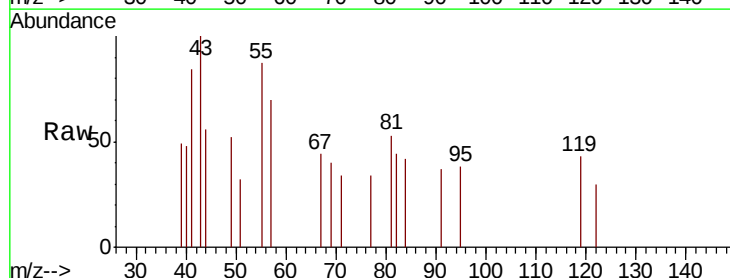
Tgt Ion: 122 Resp: 106

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

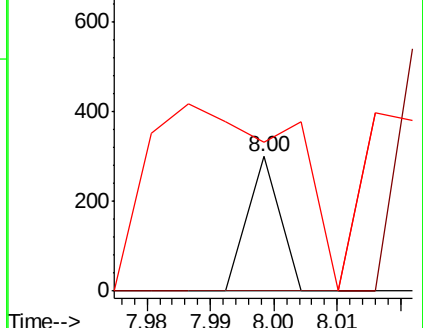
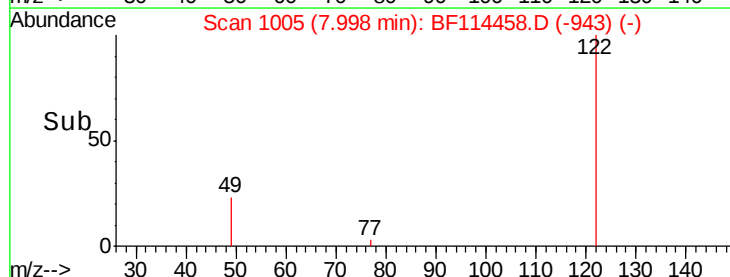
77 110.7 69.4 109.4#

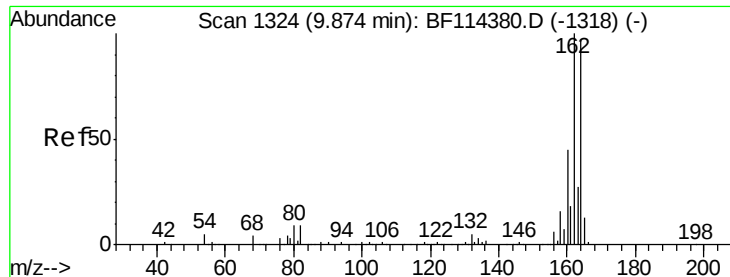


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

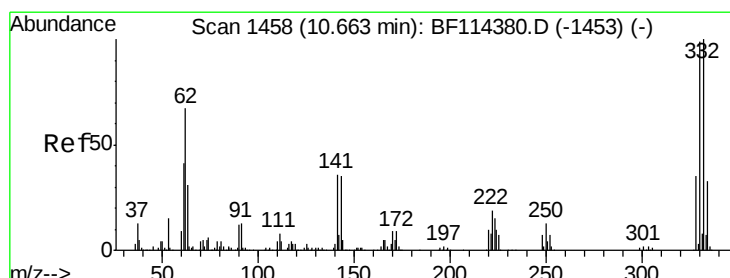
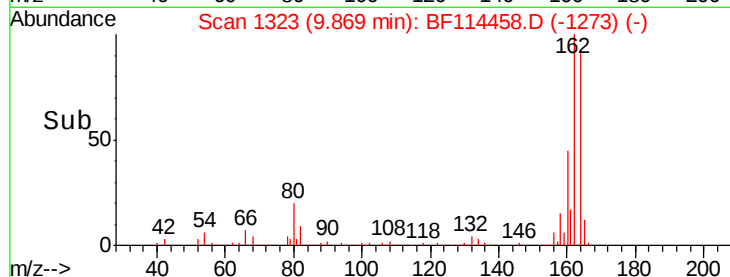
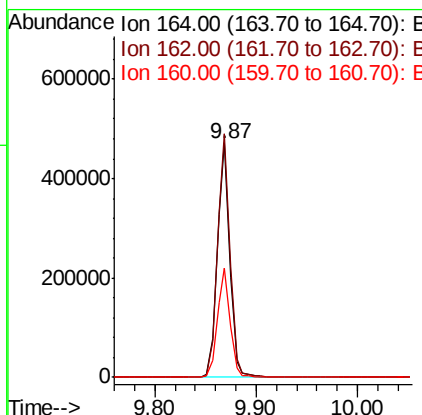
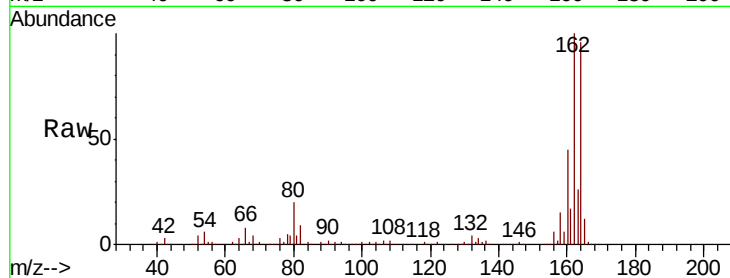




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

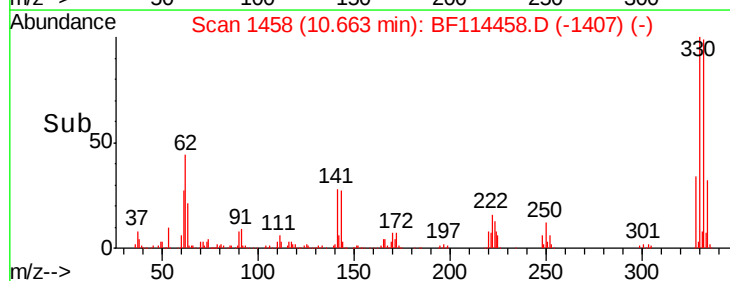
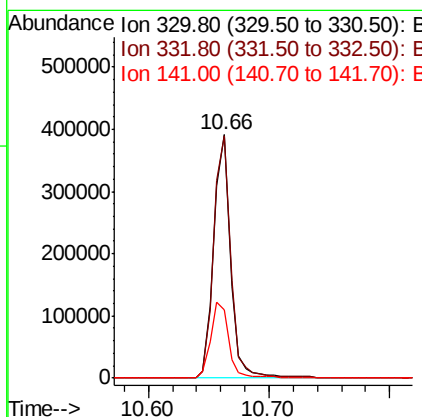
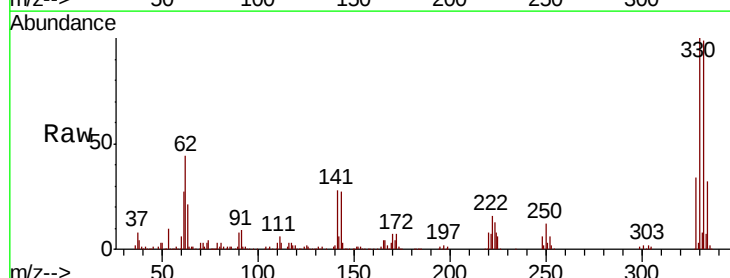
Instrument :
 BNA_E
 ClientSampleId :

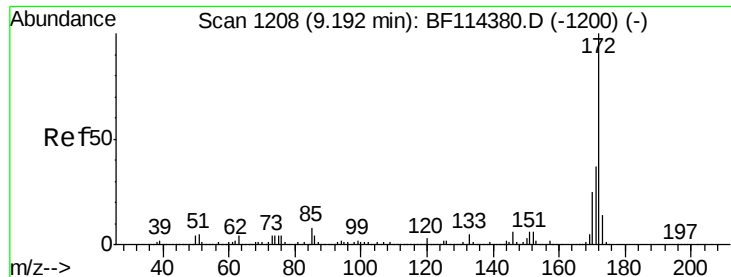
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	46.8	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 90.198 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	33.3	26.6	40.0



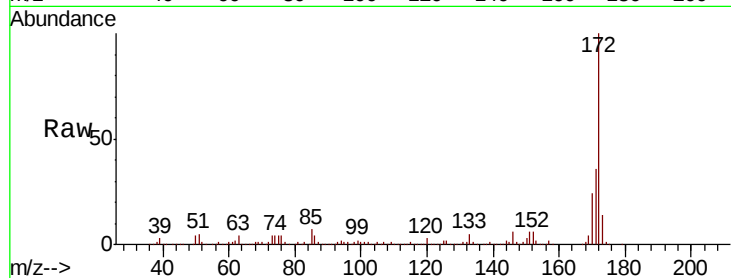


#45
 2-Fluorobiphenyl
 Concen: 70.238 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

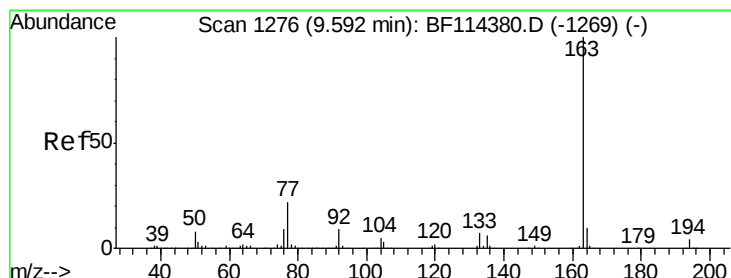
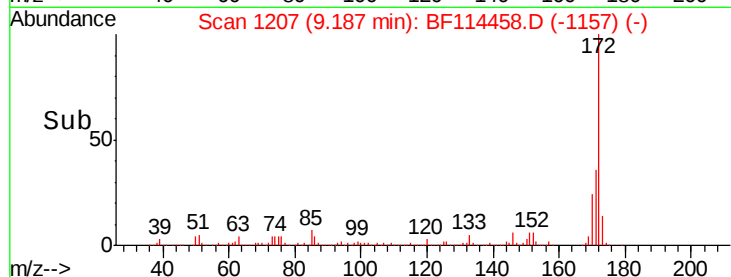
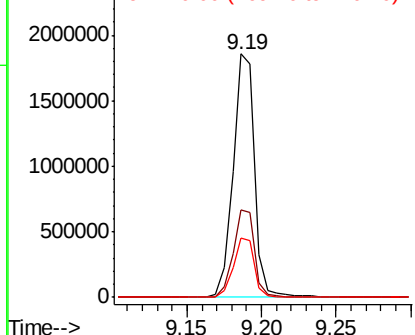
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 1878203

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.2	20.5	30.7



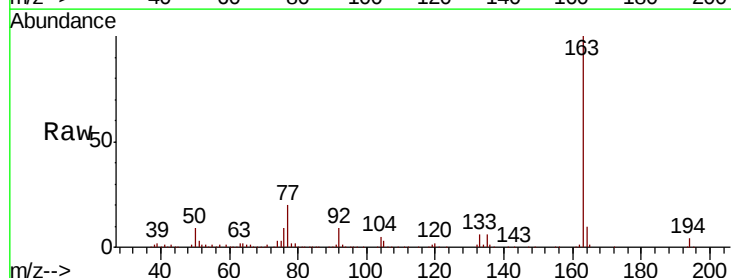
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



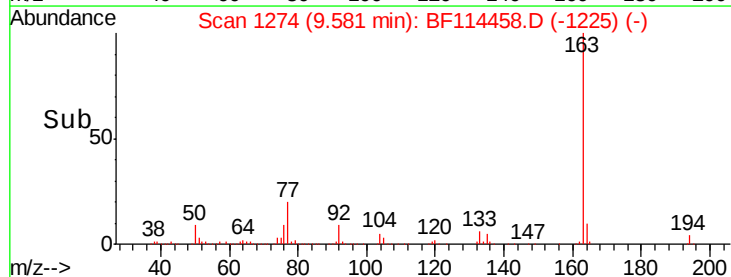
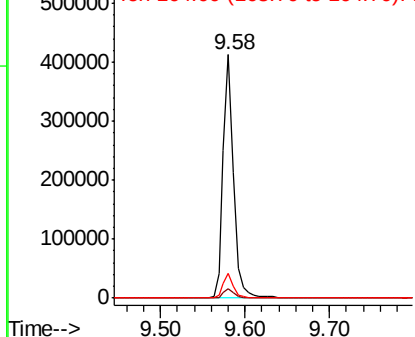
#50
 Dimethylphthalate
 Concen: 12.217 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

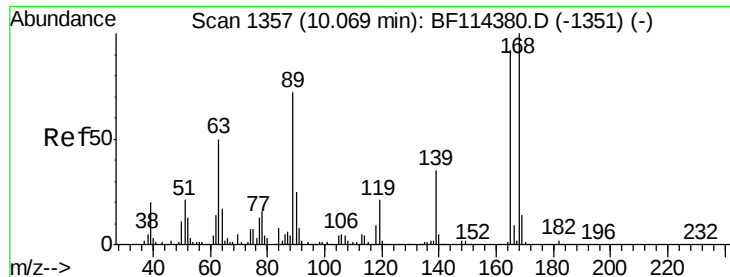
Tgt Ion:163 Resp: 362757

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.9	8.2	12.2



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

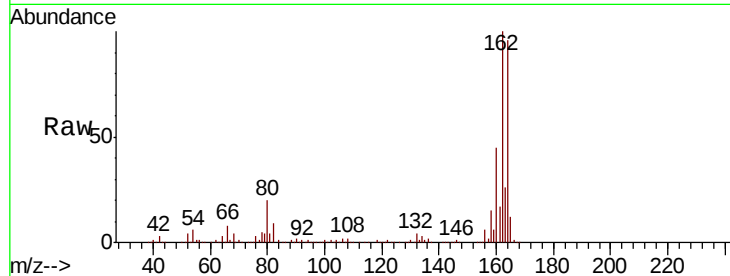




#57
 2,4-Dinitrotoluene
 Concen: 5.989 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.20 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#

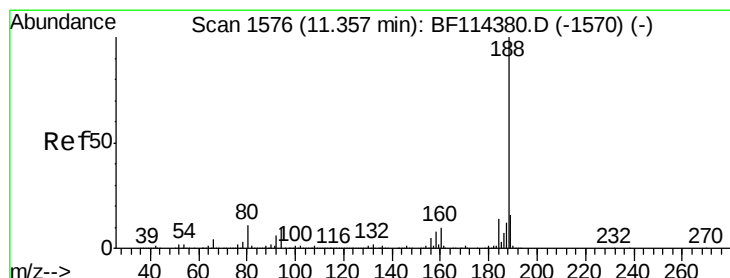
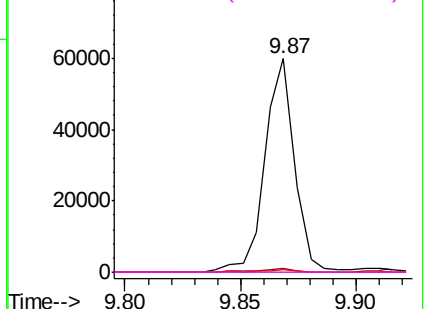
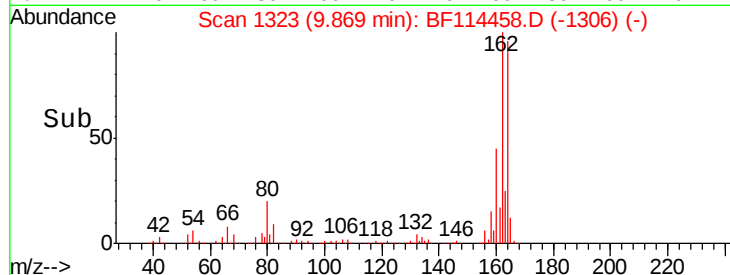


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

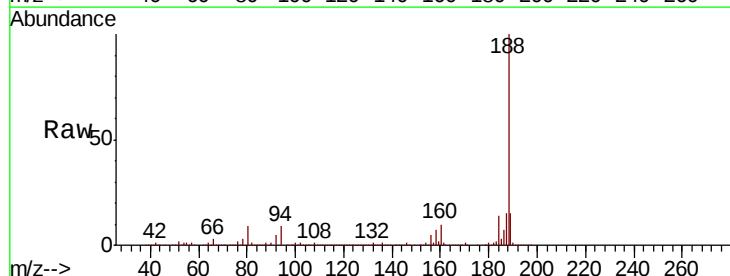
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

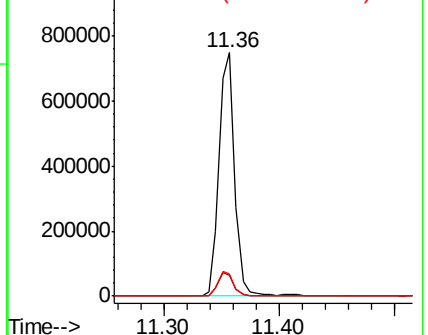
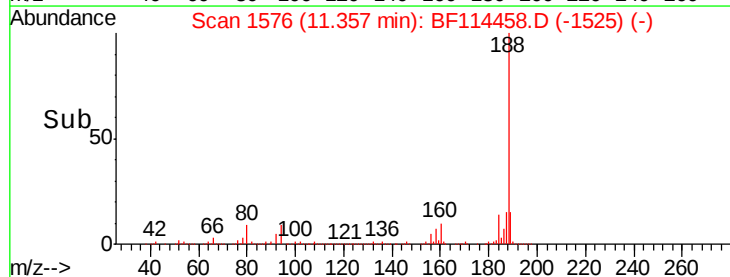
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.4	12.6
80	9.2	9.2	13.8#

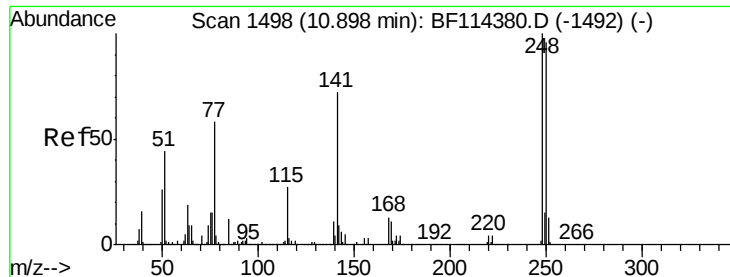


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

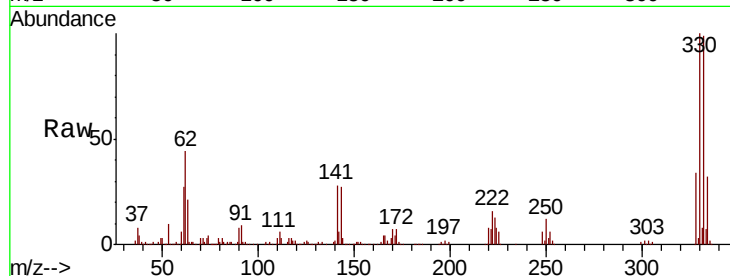




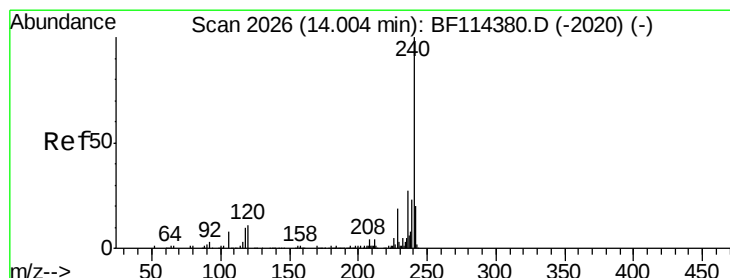
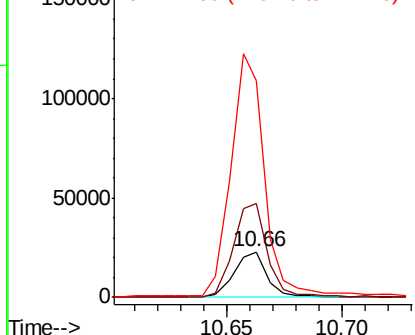
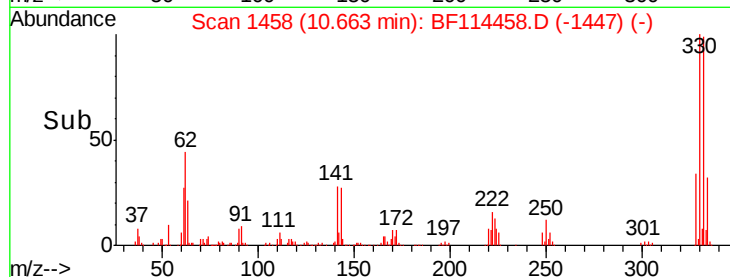
#67
 4-Bromophenyl-phenylether
 Concen: 2.957 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.23 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:248 Resp: 23027
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.4 116.2#
 141 473.0 55.6 83.4#

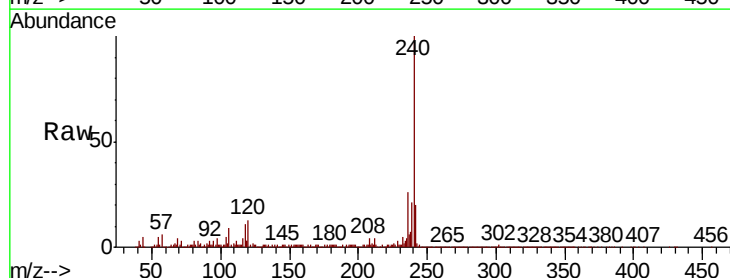


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

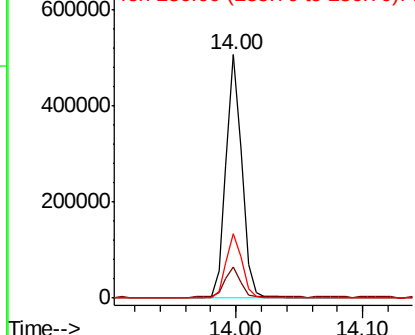
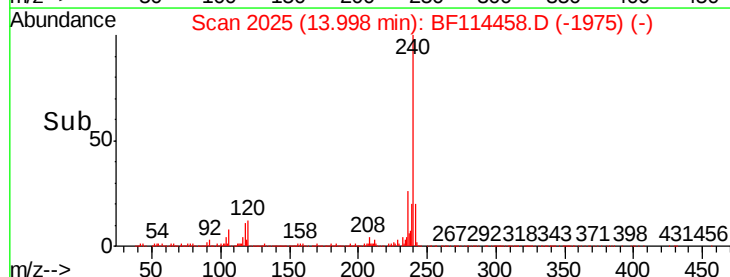


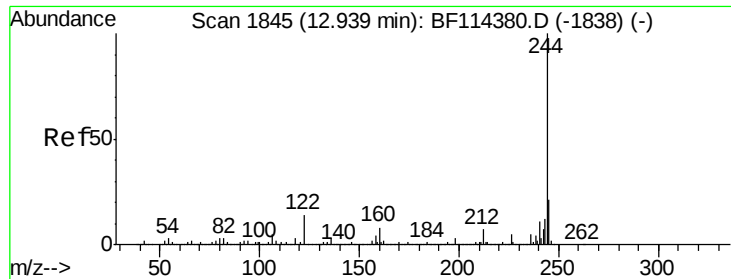
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Tgt Ion:240 Resp: 438696
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.3 12.5#
 236 26.4 20.8 31.2



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

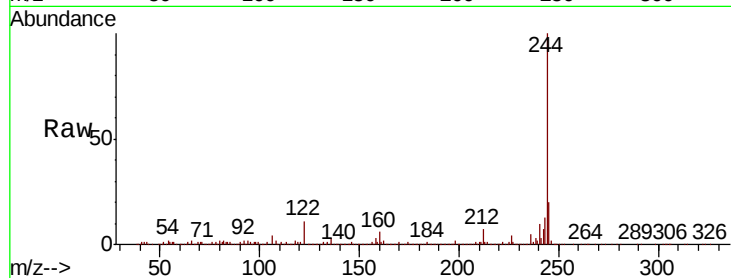




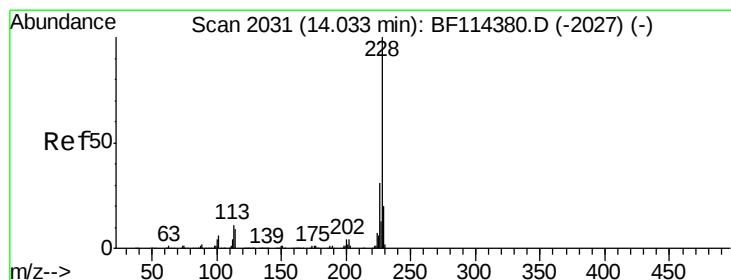
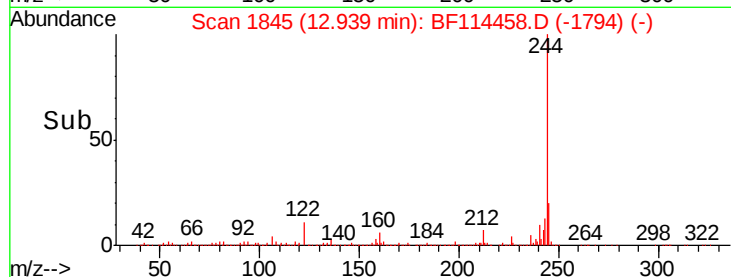
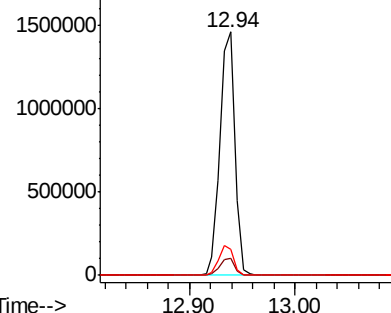
#79
 Terphenyl-d14
 Concen: 66.459 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 1414329
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.9 9.4 14.2

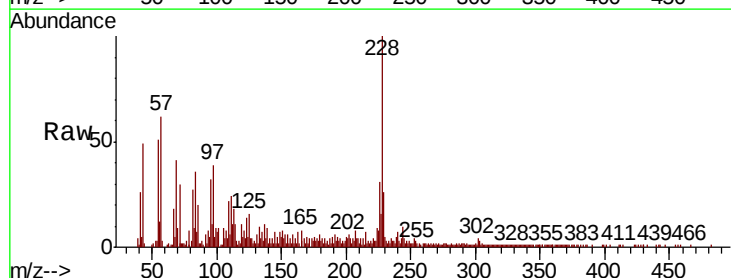


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

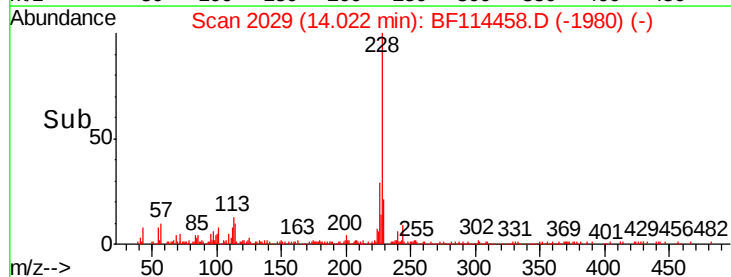
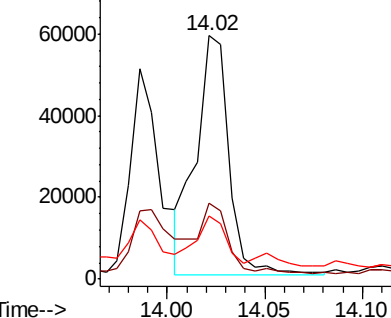


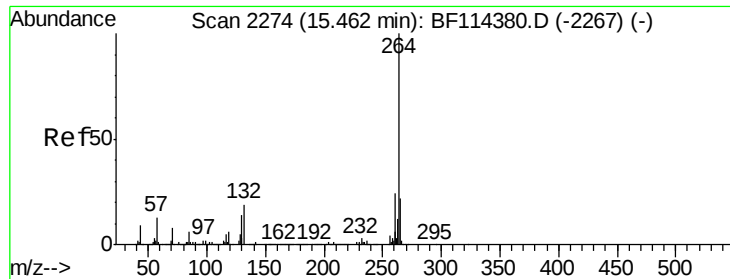
#83
 Chrysene
 Concen: 2.491 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF114458.D
 Acq: 21 May 2019 16:17

Tgt Ion:228 Resp: 69284
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 25.7 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
 80000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

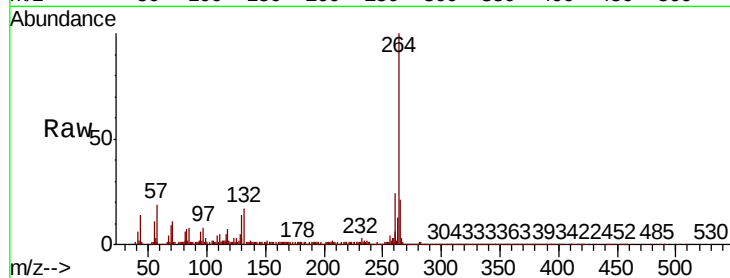




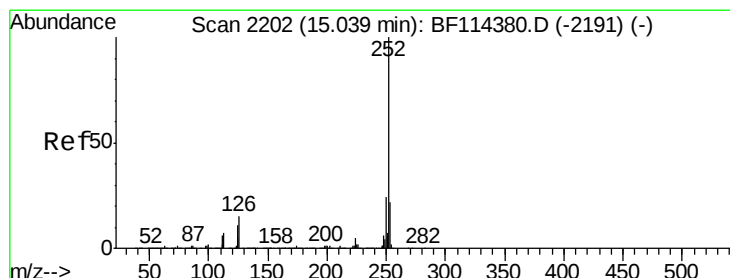
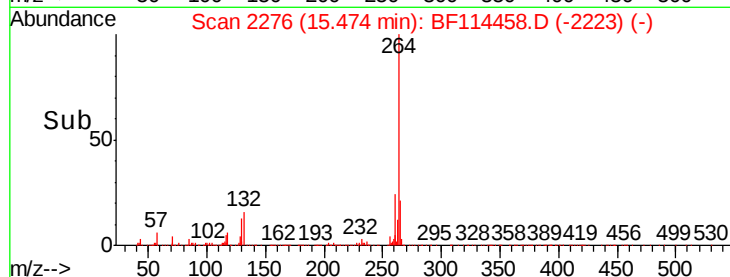
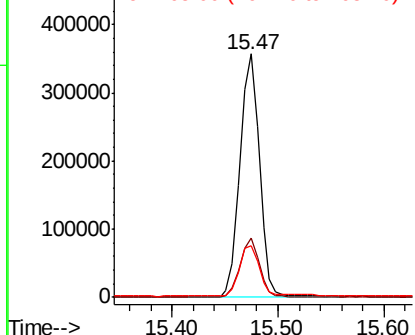
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF114458.D
Acq: 21 May 2019 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.3	16.9	25.3

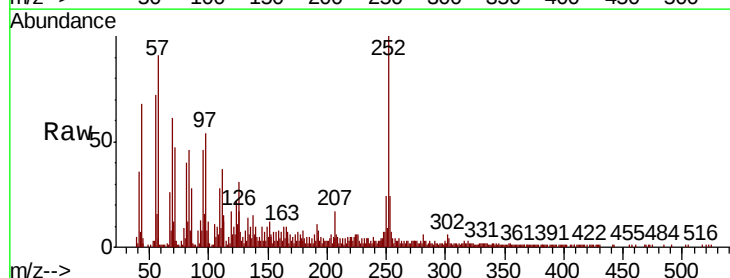


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

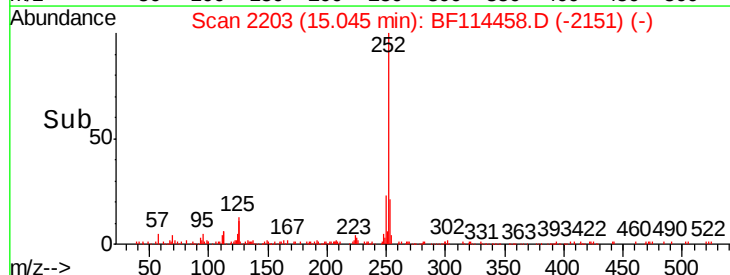
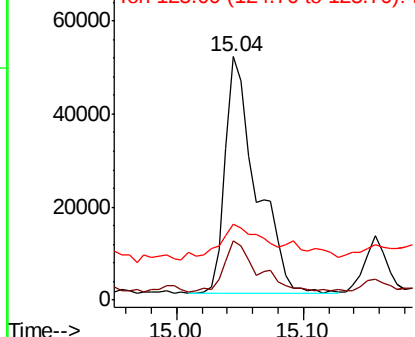


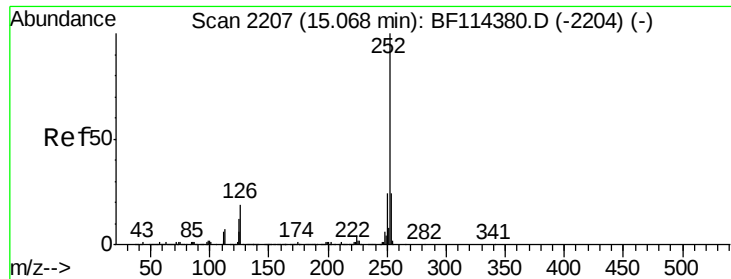
#88
Benzo(b)fluoranthene
Concen: 3.016 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF114458.D
Acq: 21 May 2019 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	31.3	8.3	12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.284 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BF114458.D

Acq: 21 May 2019 16:17

Instrument :

BNA_E

ClientSampleId :

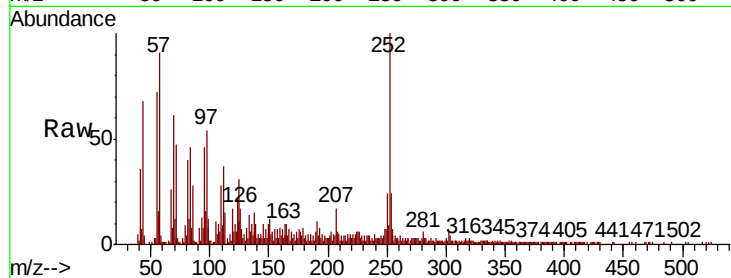
Tot Ion:252 Resp: 87739

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.2

125 31.3 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

