

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114702.D
 Acq On : 31 May 2019 12:32
 Operator : HP/JU
 Sample : K2971-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Quant Time: Jun 01 00:21:13 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	6.70	152	324664	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1215031	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	598342	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1198155	20.00	ng	0.00
76) Chrysene-d12	13.82	240	977687	20.00	ng	0.00
87) Perylene-d12	15.21	264	993575	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2026221	109.57	ng	0.01
7) Phenol-d6	6.33	99	2423215	108.75	ng	0.00
23) Nitrobenzene-d5	7.26	82	1522400	78.17	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	647906	113.64	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2622048	81.70	ng	0.00
79) Terphenyl-d14	12.78	244	3020367	58.08	ng	0.00

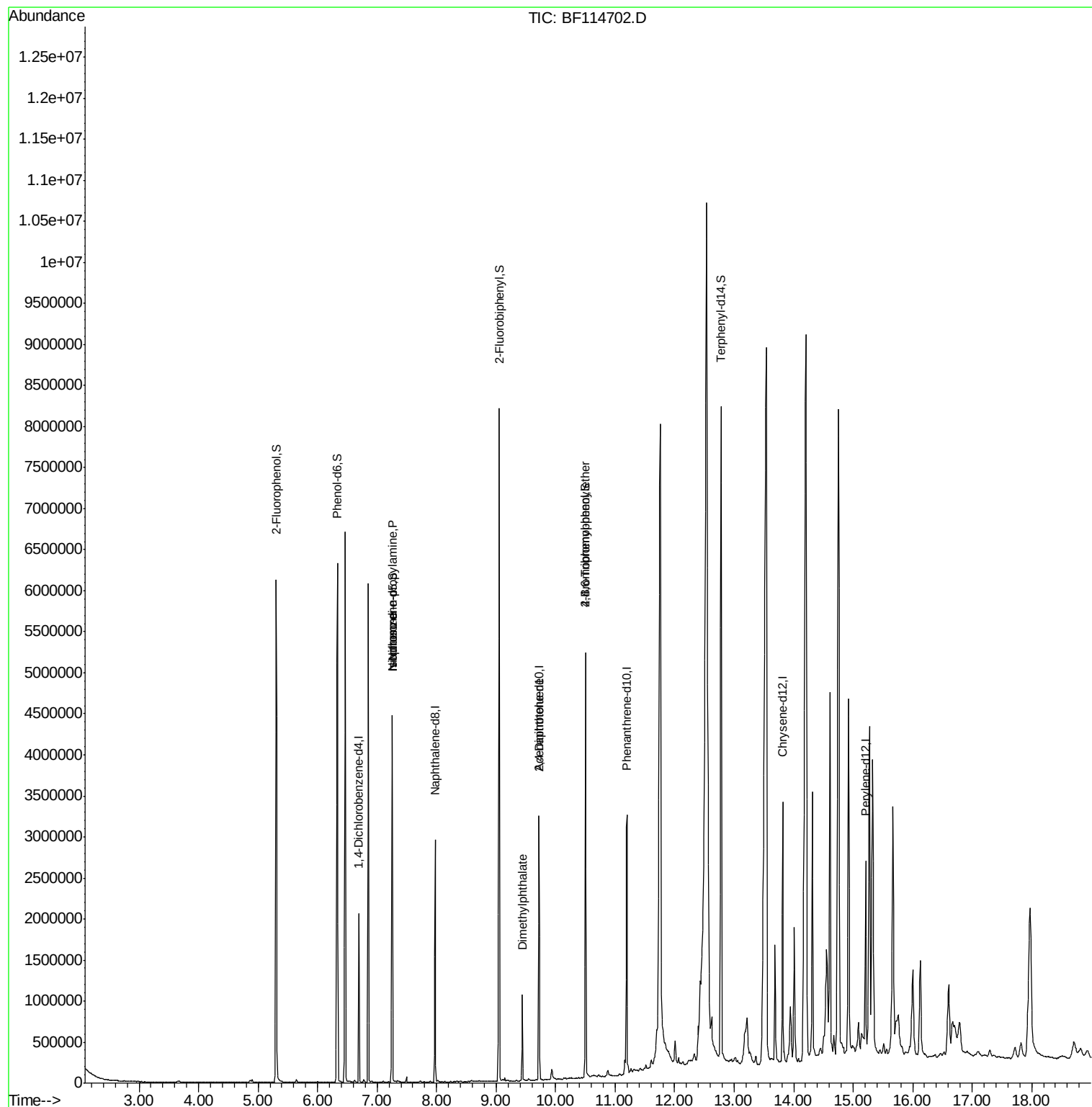
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	4903	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	206601	13.432	ng	74
25) Isophorone	7.26	82	1496622	38.292	ng	63
50) Dimethylphthalate	9.44	163	424749	10.187	ng	98
57) 2,4-Dinitrotoluene	9.72	165	77626	6.243	ng	23
58) Fluorene	10.26	166	3102	Below Cal		90
67) 4-Bromophenyl-phenylether	10.50	248	41035	3.194	ng	1
74) Di-n-butylphthalate	11.77	149	19802	Below Cal	#	85

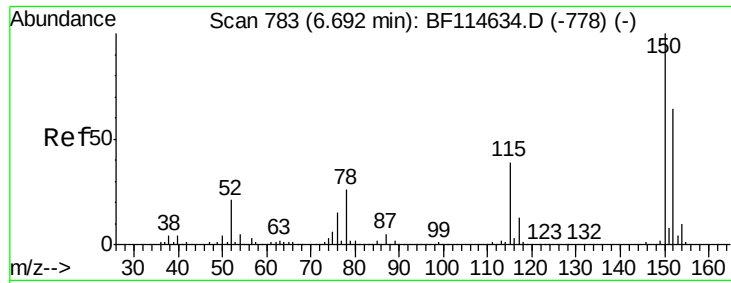
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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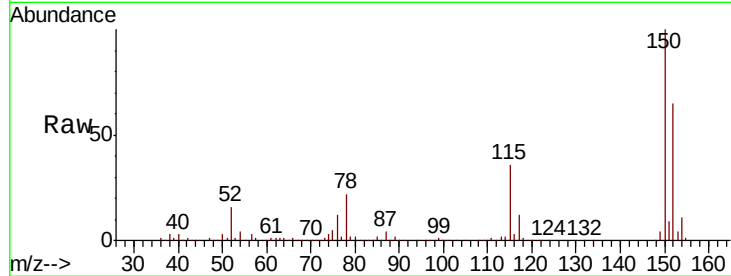


#1

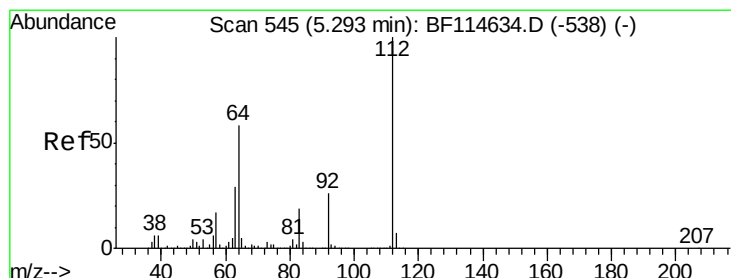
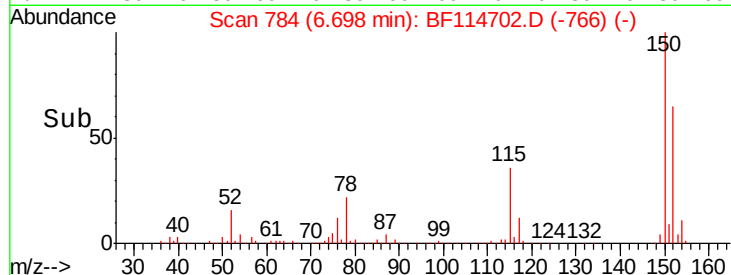
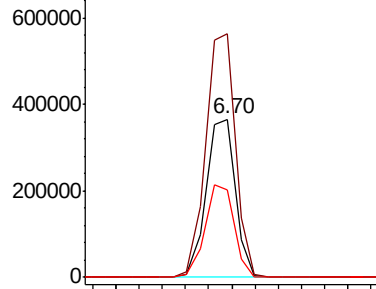
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Tgt Ion:152 Resp: 324664
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.4 186.6
 115 55.4 48.7 73.1



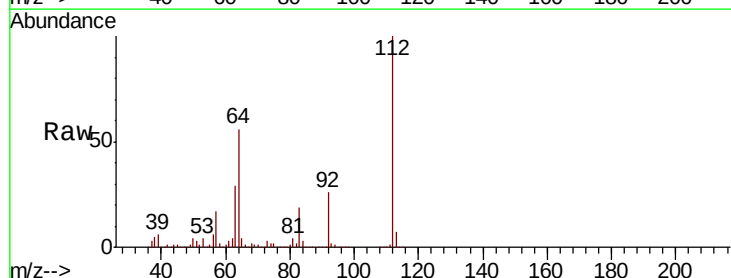
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



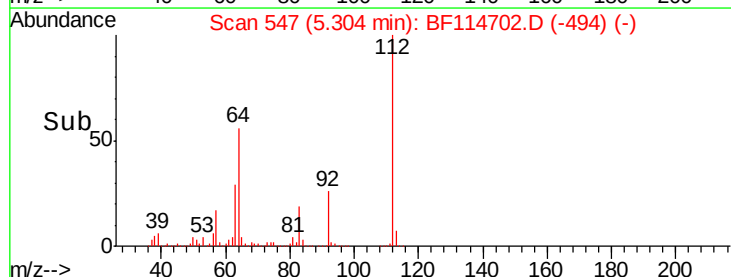
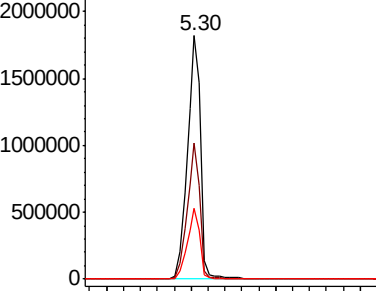
#5

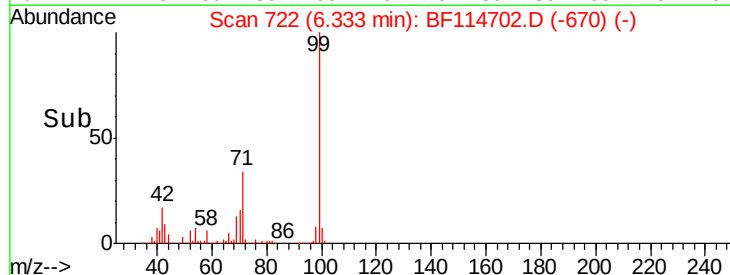
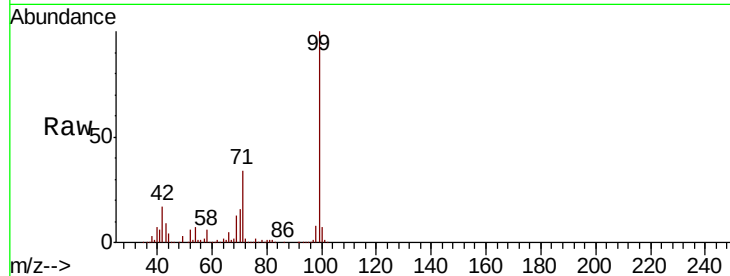
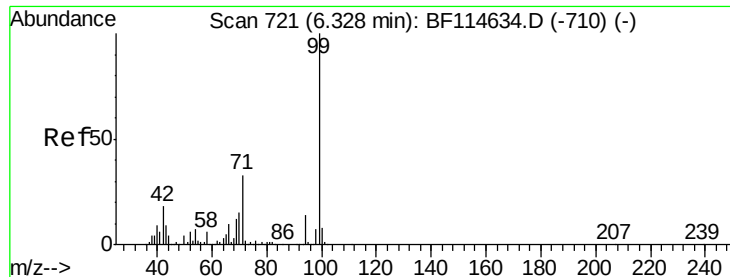
2-Fluorophenol
 Concen: 109.573 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Tgt Ion:112 Resp: 2026221
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.1 69.1
 63 29.2 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: 108.745 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

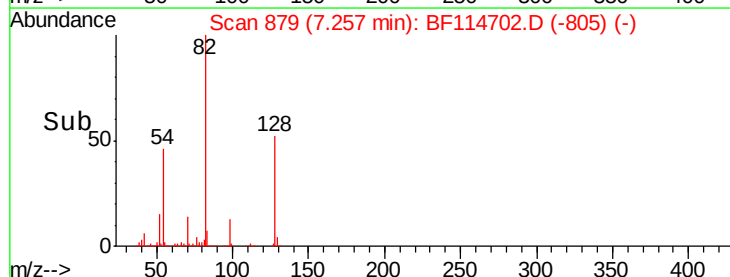
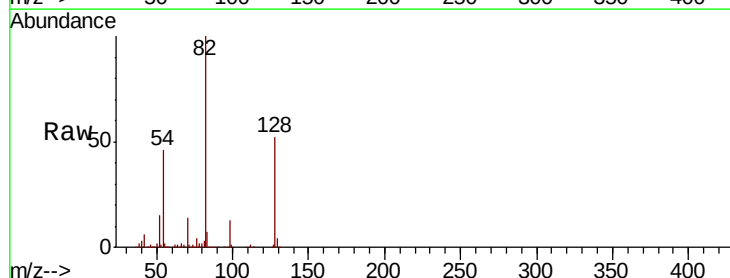
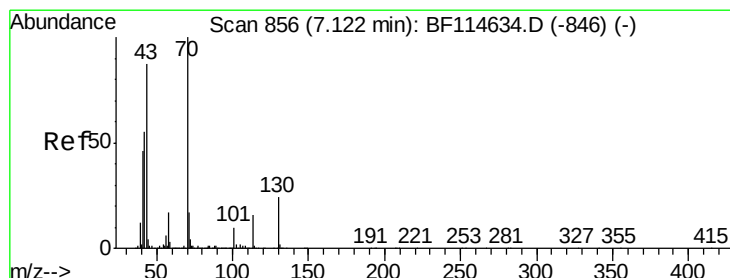
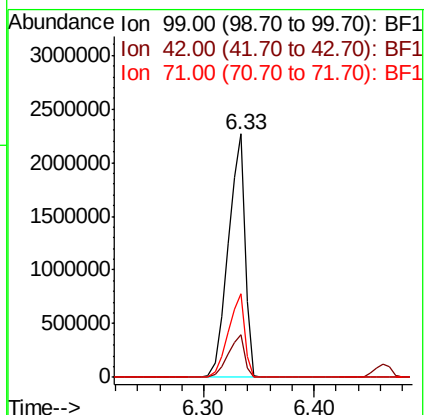
Tgt Ion: 99 Resp: 2423215

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

71 34.5 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.432 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Tgt Ion: 70 Resp: 206601

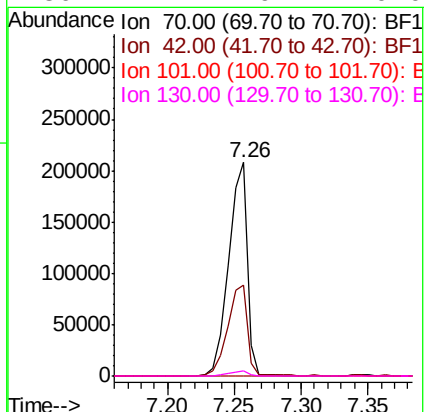
Ion Ratio Lower Upper

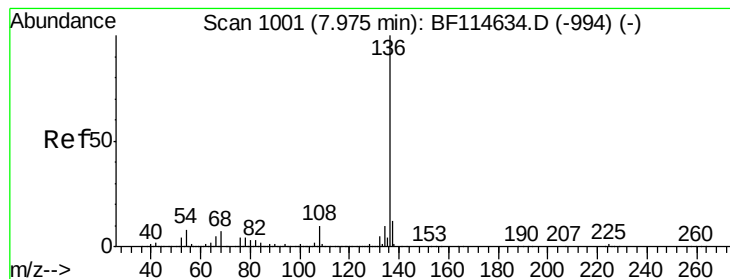
70 100

42 42.6 44.4 66.6#

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

Tgt Ion:136 Resp: 1215031

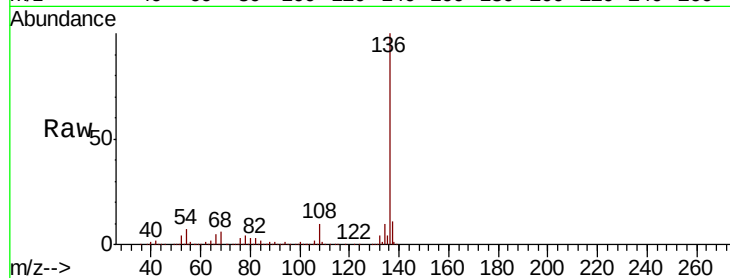
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.0 6.3 9.5

68 5.9 5.4 8.0

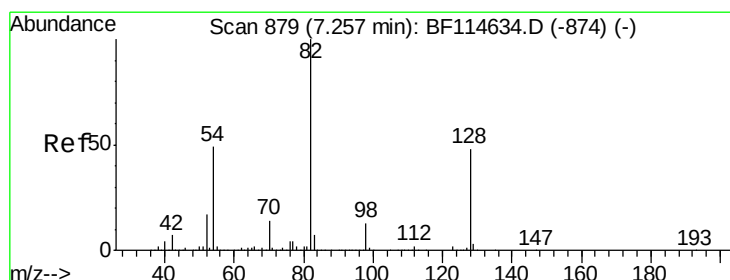
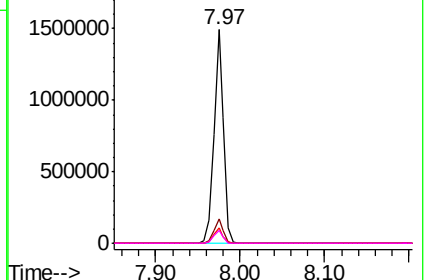
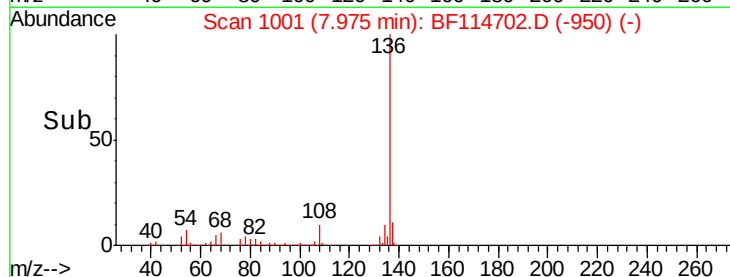


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.172 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

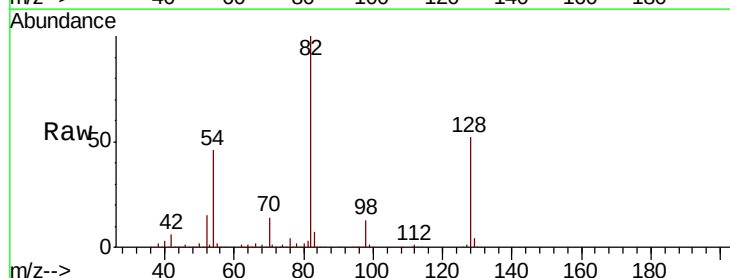
Tgt Ion: 82 Resp: 1522400

Ion Ratio Lower Upper

82 100

128 51.9 38.5 57.7

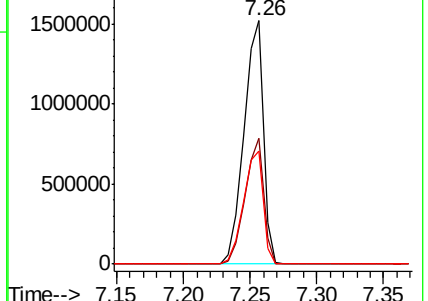
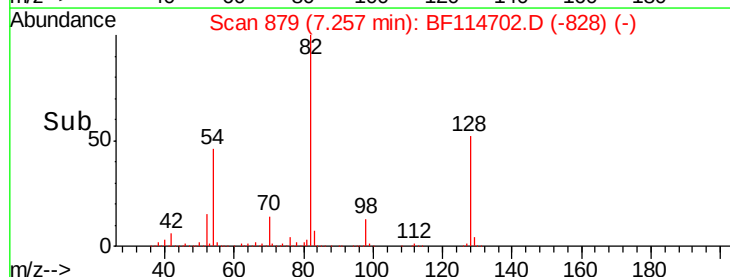
54 46.5 39.1 58.7

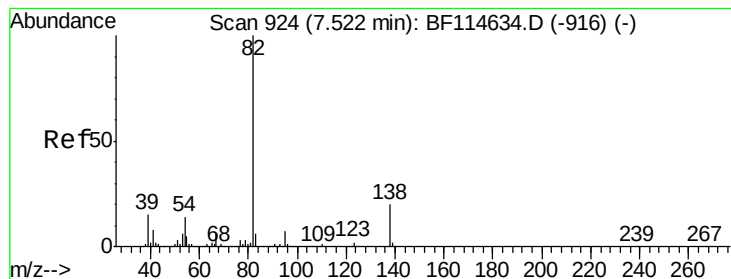


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.292 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

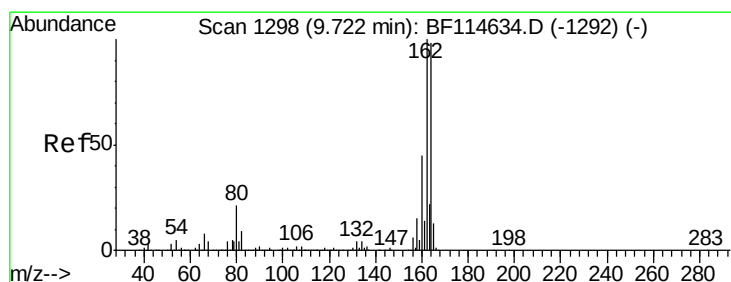
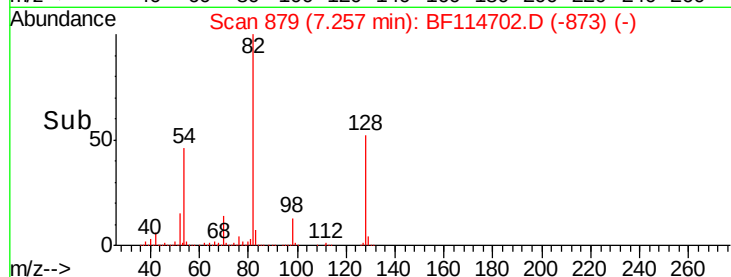
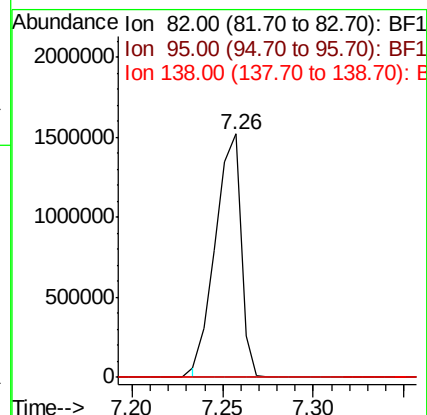
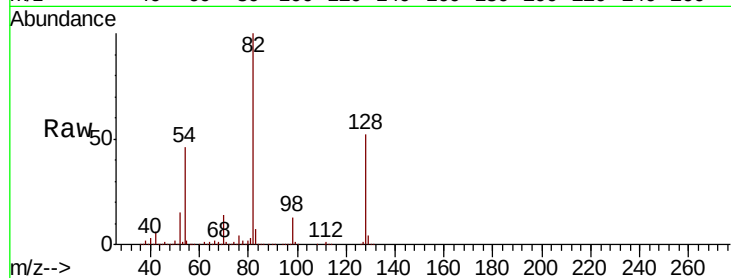
Tgt Ion: 82 Resp: 1496622

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.9 23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

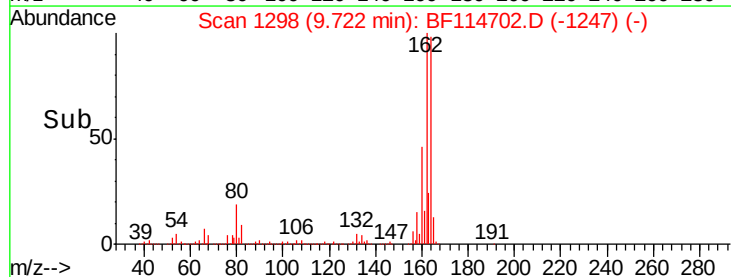
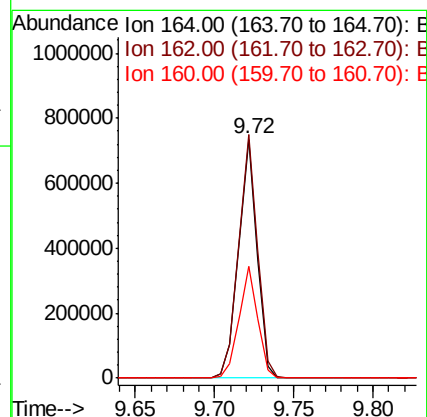
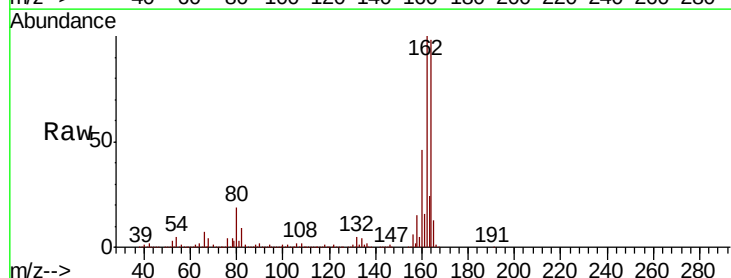
Tgt Ion: 164 Resp: 598342

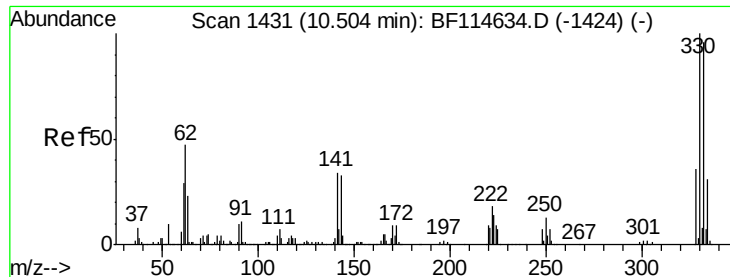
Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.2

160 46.6 36.6 54.8

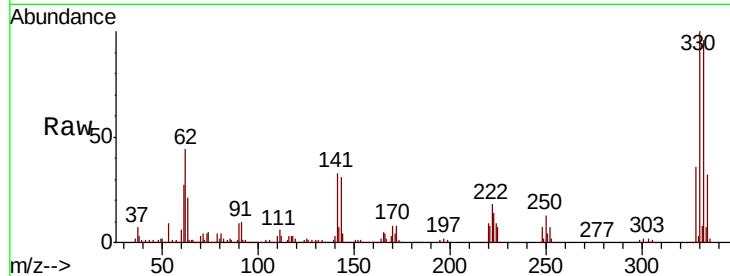




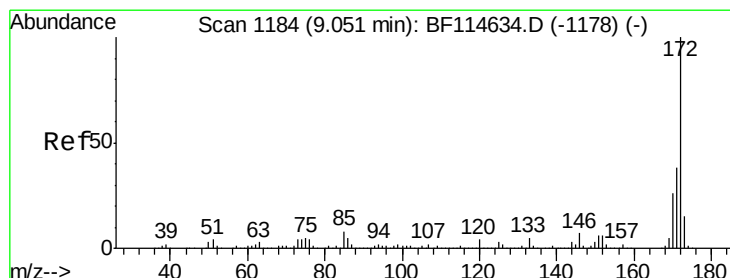
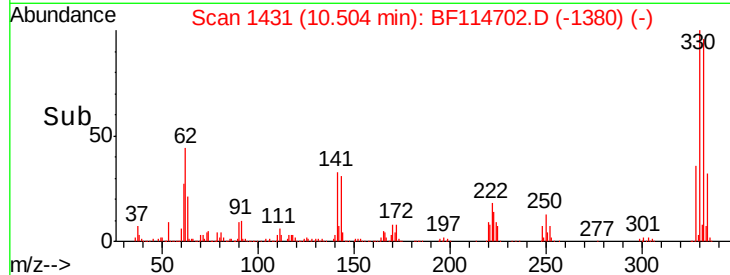
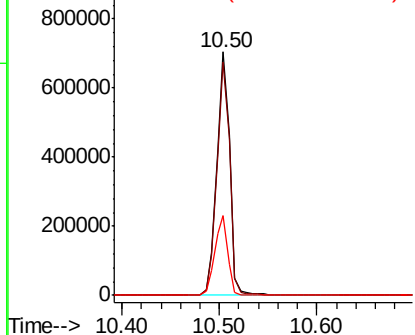
#42
 2,4,6-Tribromophenol
 Concen: 113.643 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Tgt Ion:330 Resp: 647906
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.8
 141 33.1 27.8 41.8

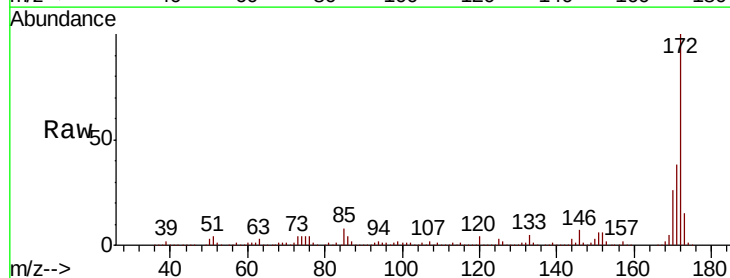


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

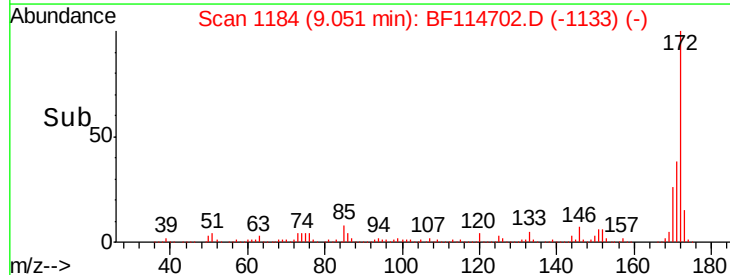
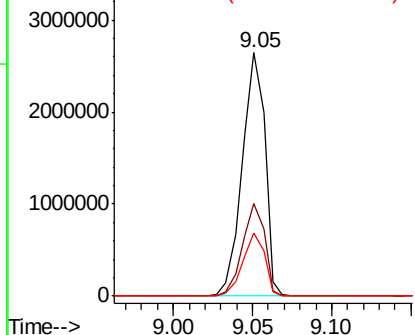


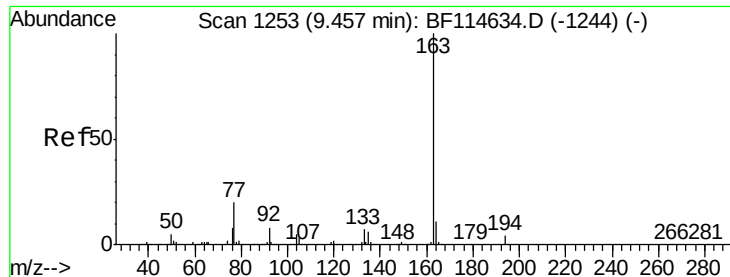
#45
 2-Fluorobiphenyl
 Concen: 81.697 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Tgt Ion:172 Resp: 2622048
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.6 45.8
 170 26.1 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: 10.187 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

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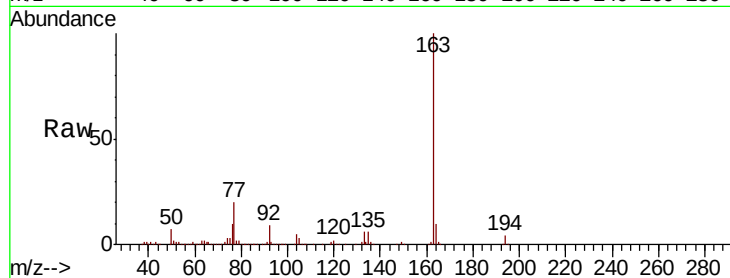
Tgt Ion:163 Resp: 424749

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

164 10.3 8.6 13.0

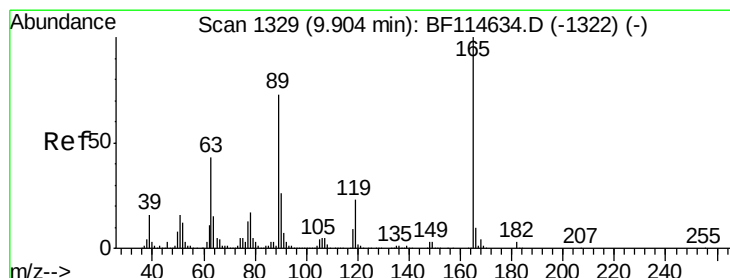
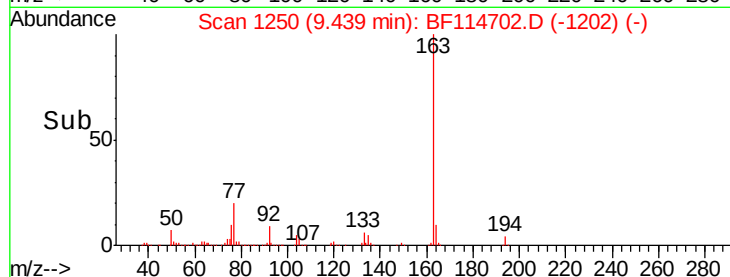
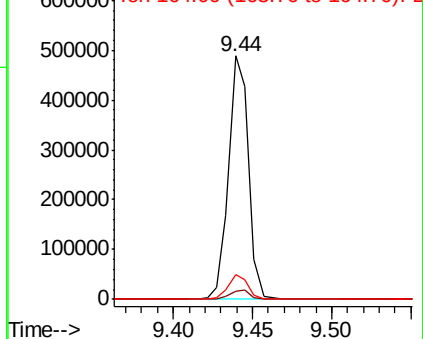


Abundance

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: 6.243 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Tgt Ion:165 Resp: 77626

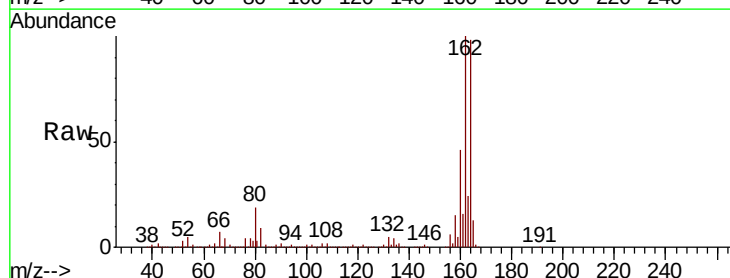
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.2 58.5 87.7#

182 0.0 2.2 3.2#



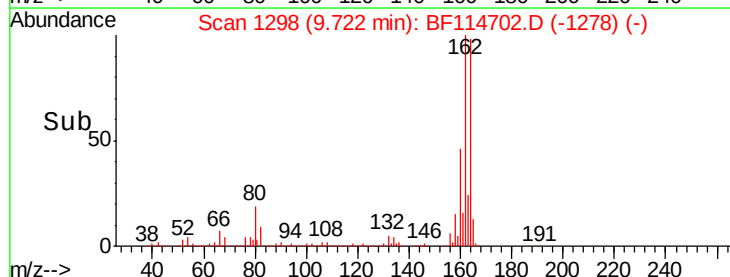
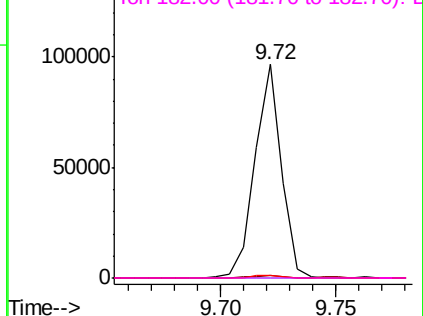
Abundance

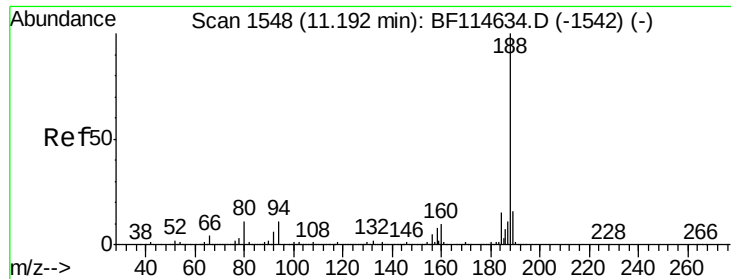
Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

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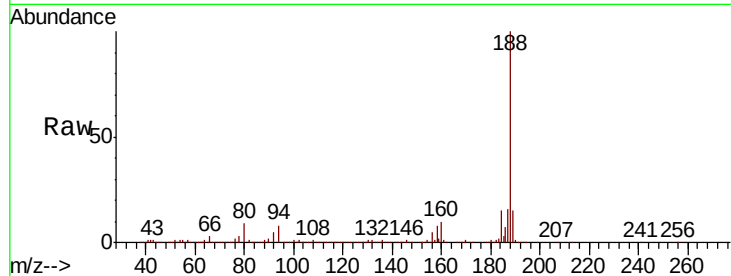
Tgt Ion:188 Resp: 1198155

Ion Ratio Lower Upper

188 100

94 8.5 8.6 13.0#

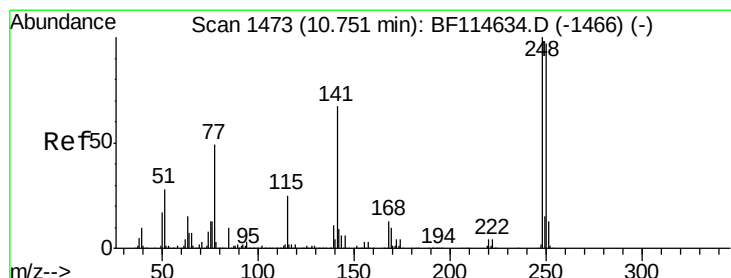
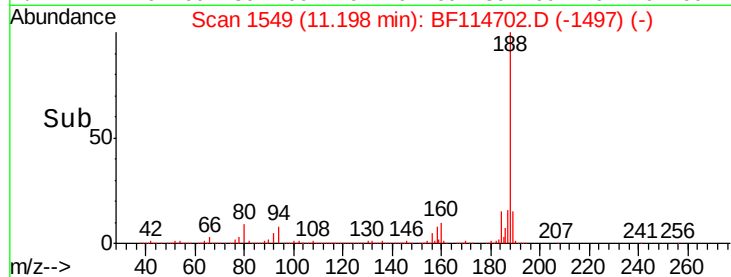
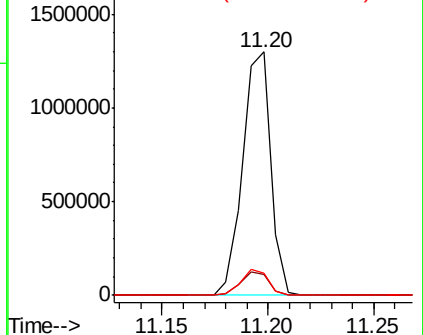
80 8.9 9.0 13.6#



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: 3.194 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

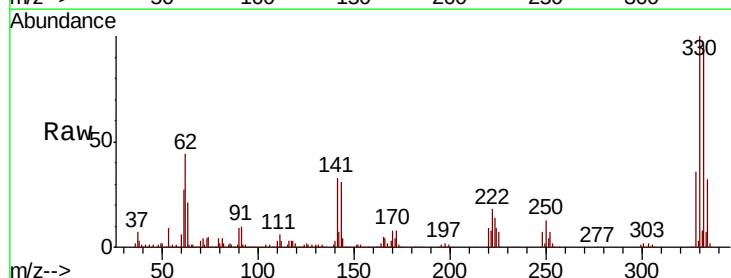
Tgt Ion:248 Resp: 41035

Ion Ratio Lower Upper

248 100

250 195.1 78.0 117.0#

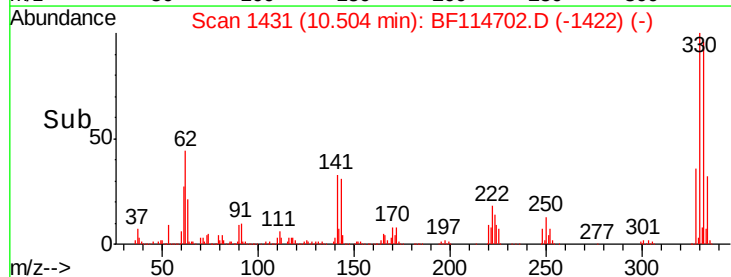
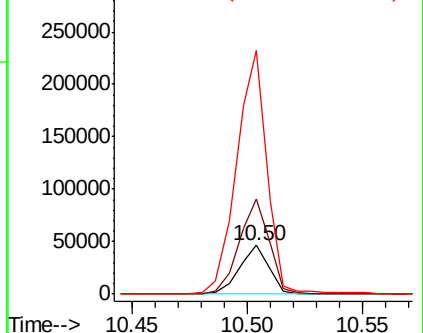
141 499.5 53.8 80.8#

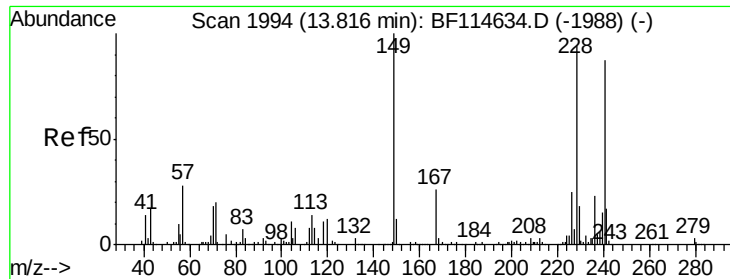


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

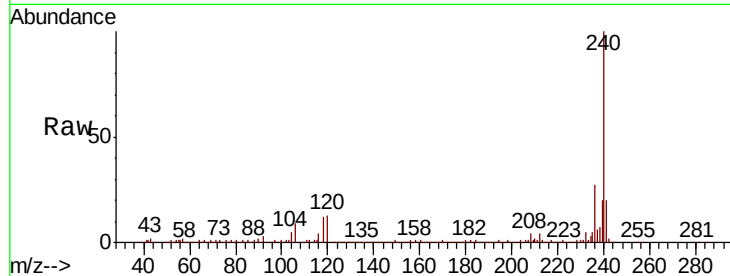




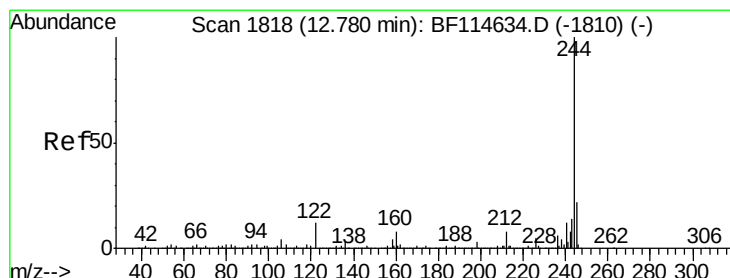
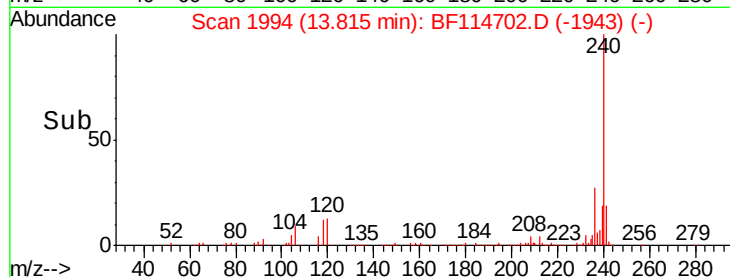
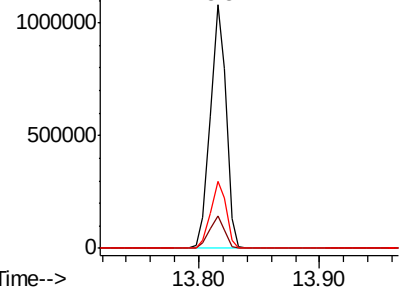
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114702.D
Acq: 31 May 2019 12:32

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019

Tgt Ion:240 Resp: 977687
Ion Ratio Lower Upper
240 100
120 13.4 11.2 16.8
236 27.4 21.2 31.8

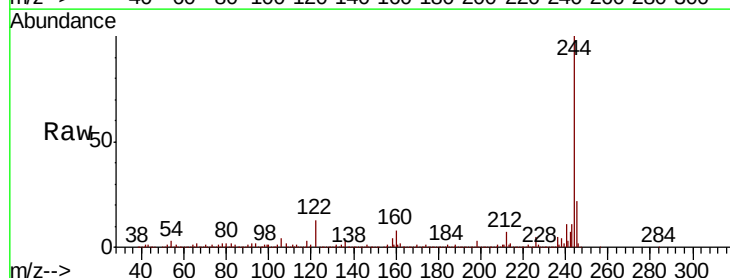


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

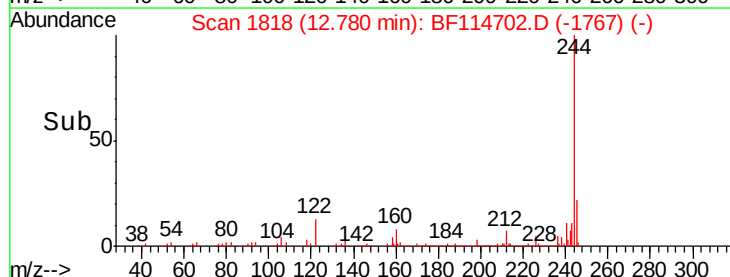
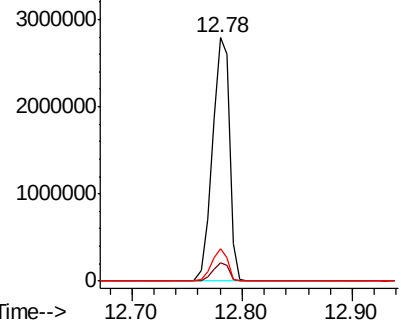


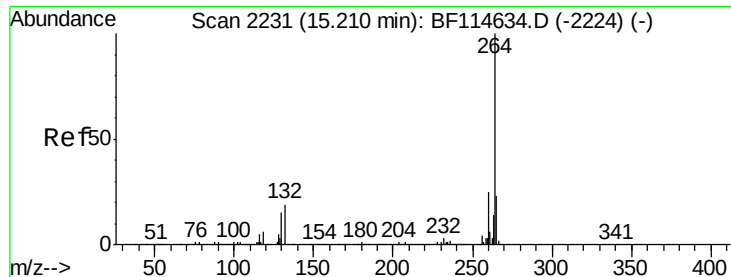
#79
Terphenyl-d14
Concen: 58.083 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114702.D
Acq: 31 May 2019 12:32

Tgt Ion:244 Resp: 3020367
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.1 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: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114702.D
Acq: 31 May 2019 12:32

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.9	18.1	27.1

