

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114698.D
 Acq On : 31 May 2019 10:41
 Operator : HP/JU
 Sample : PB120049BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:14:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

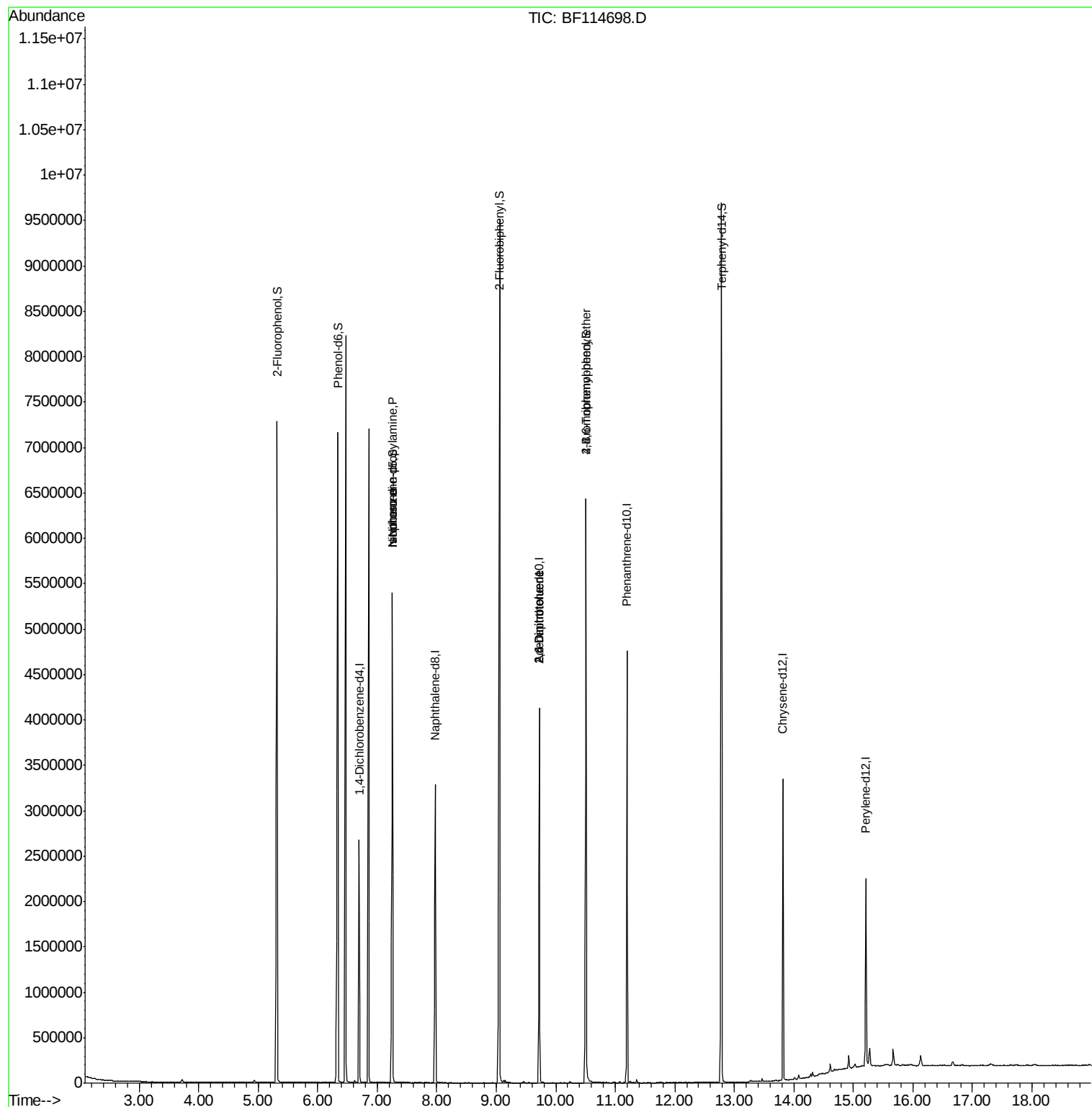
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	421510	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1651746	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	860130	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	1641922	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1094395	20.00	ng	-0.01
87) Perylene-d12	15.21	264	921013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2580530	107.49	ng	0.01
7) Phenol-d6	6.34	99	3171273	109.62	ng	0.00
23) Nitrobenzene-d5	7.26	82	2050245	77.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	986073	120.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3753812	81.28	ng	0.00
79) Terphenyl-d14	12.79	244	3872956	66.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	5314	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	278983	13.971 ng	#	75
25) Isophorone	7.26	82	2036265	38.325 ng	#	62
51) 2,6-Dinitrotoluene	9.72	165	110983	7.969 ng	#	28
57) 2,4-Dinitrotoluene	9.72	165	110983	6.209 ng	#	26
58) Fluorene	10.51	166	42512	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.51	248	60758	3.451 ng	#	1
74) Di-n-butylphthalate	11.77	149	972	Below Cal	#	75

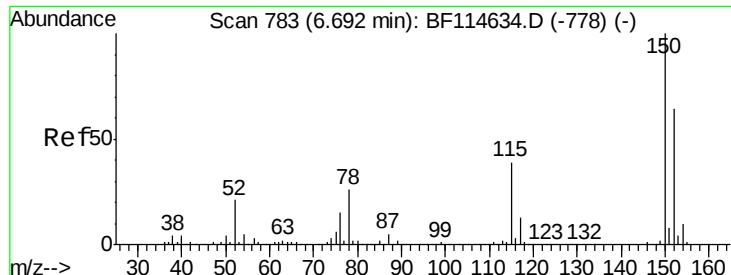
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 31 12:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 12:07:00 2019
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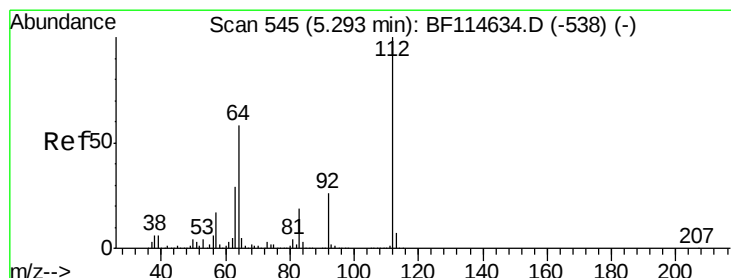
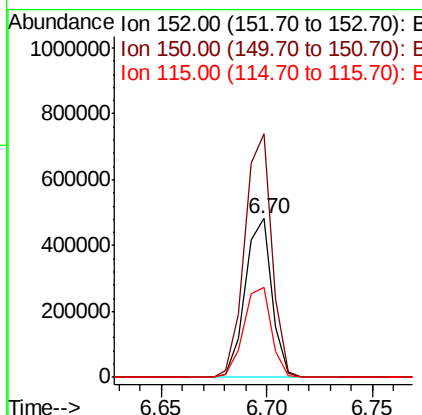
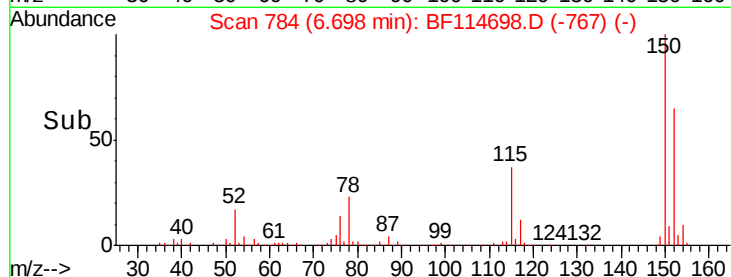
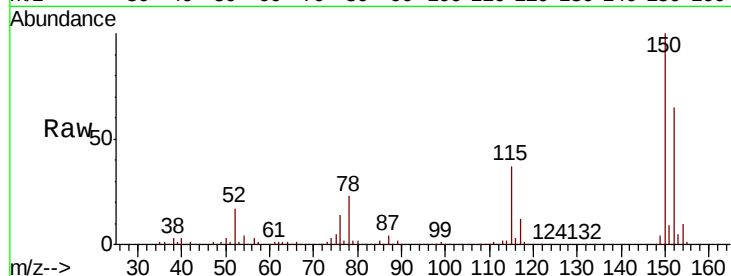


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Instrument :
BNA_F
ClientSampled :

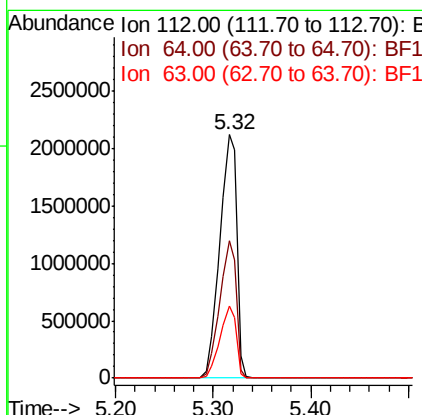
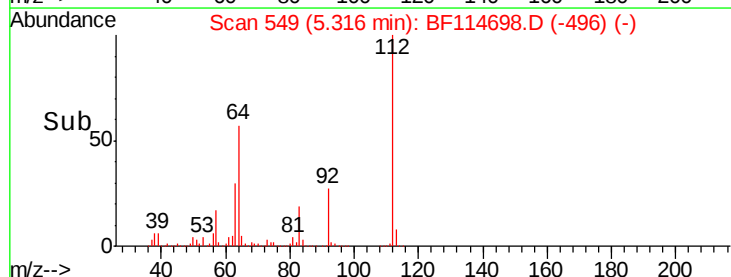
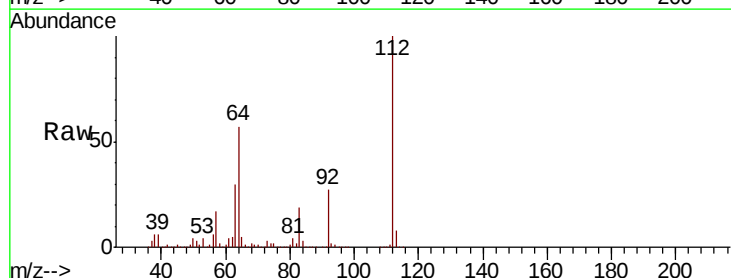
Tot Ion:152 Resp: 421510
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 56.7 48.8 73.2

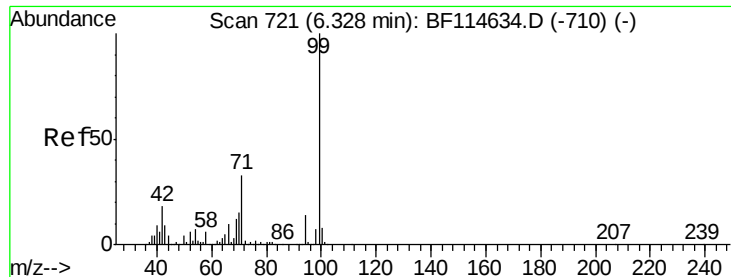


#5

2-Fluorophenol
Concen: 107.486 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Tgt Ion:112 Resp: 2580530
Ion Ratio Lower Upper
112 100
64 56.5 44.8 67.2
63 29.7 23.0 34.6





#7

Phenol-d6

Concen: 109.617 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

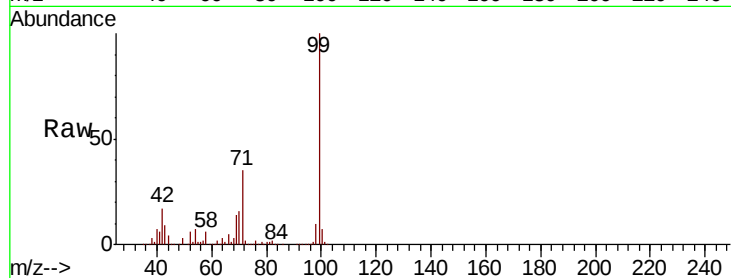
Tot Ion: 99 Resp: 3171273

Ion Ratio Lower Upper

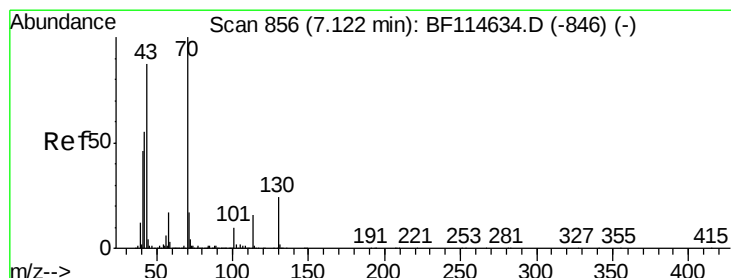
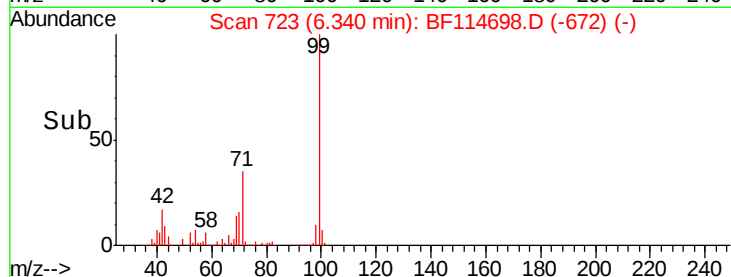
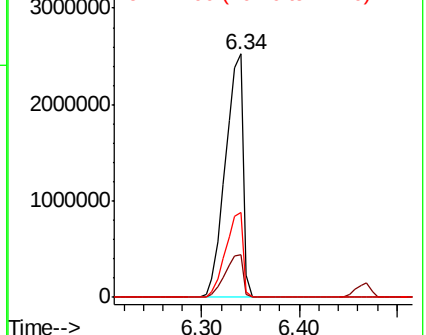
99 100

42 17.5 14.1 21.1

71 35.0 27.3 40.9



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: 13.971 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Tgt Ion: 70 Resp: 278983

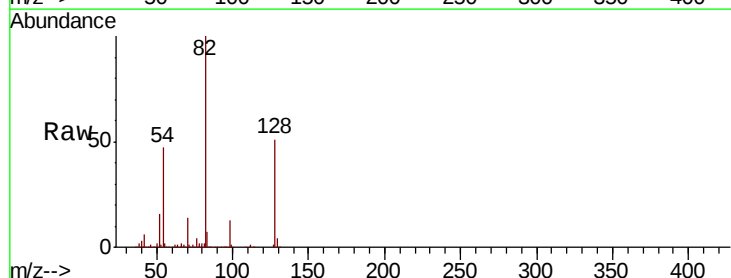
Ion Ratio Lower Upper

70 100

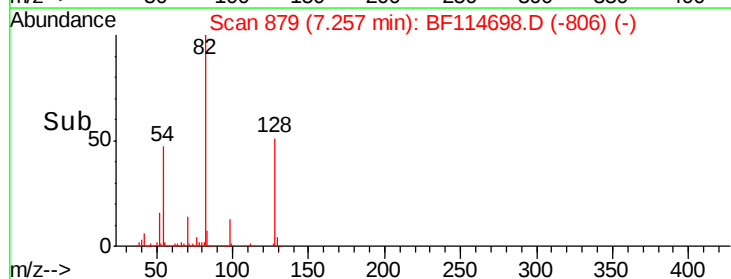
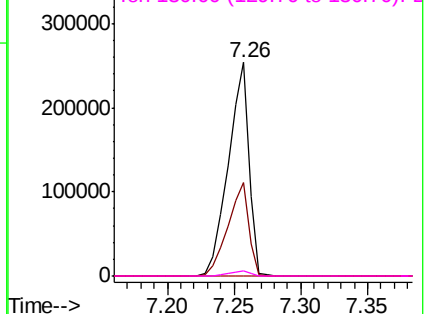
42 43.8 43.9 65.9#

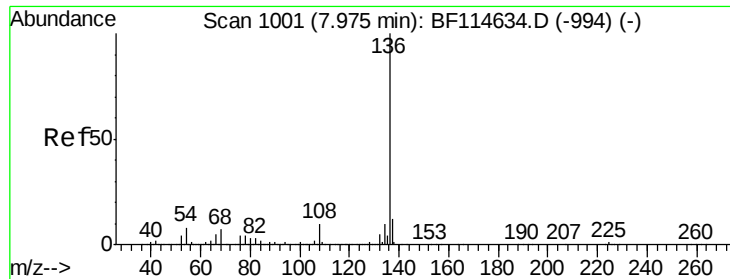
101 0.0 8.3 12.5#

130 2.5 19.4 29.2#



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

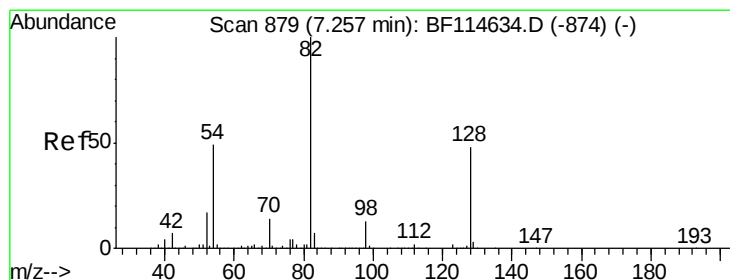
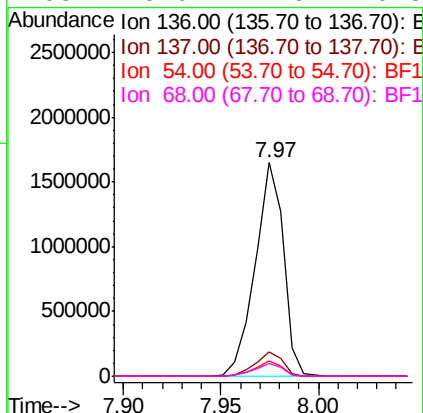
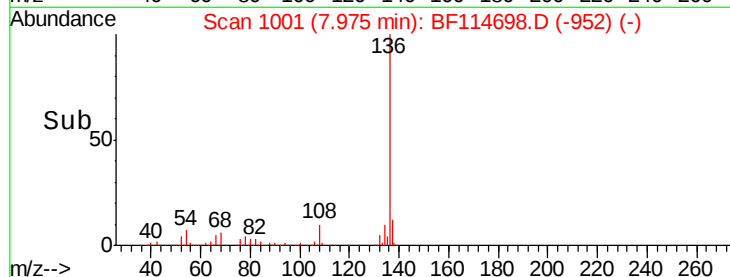
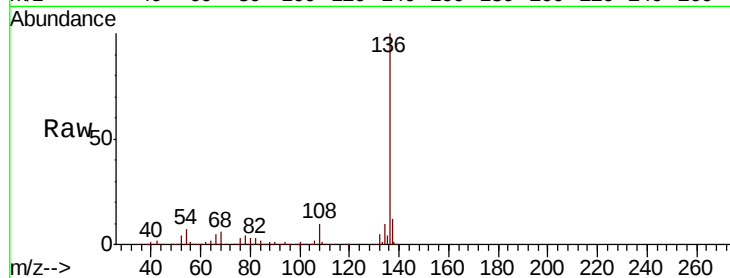




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

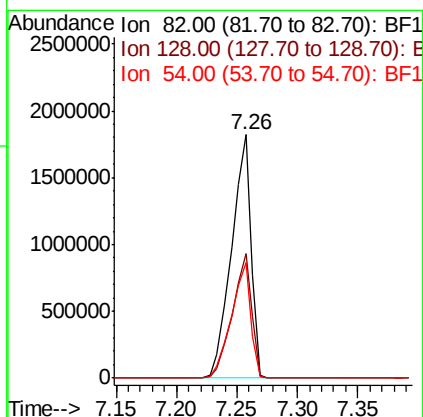
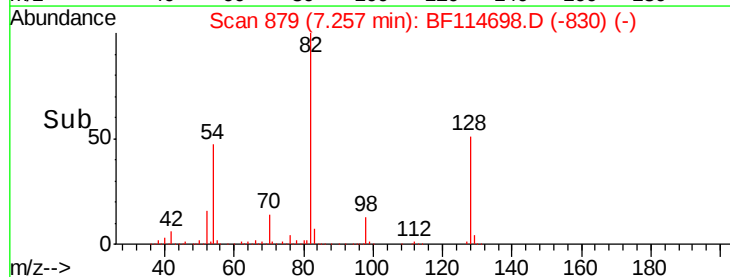
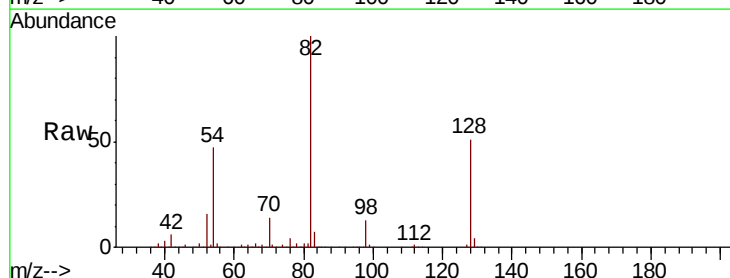
Instrument :
BNA_F
ClientSampleId :

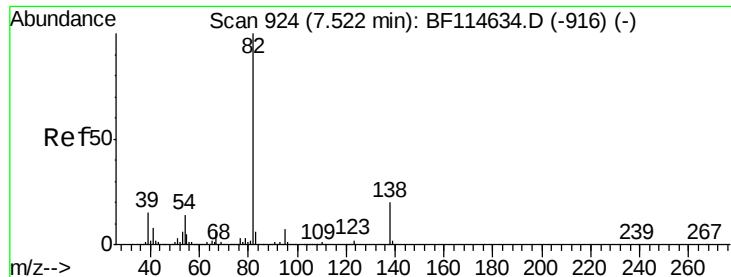
Tot Ion:136	Resp: 1651746
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 7.3	5.2 7.8
68 6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 77.441 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Tgt	Ion: 82	Resp: 2050245	
Ion	Ratio	Lower	Upper
82	100		
128	51.1	41.7	62.5
54	47.3	37.5	56.3





#25

Isophorone

Concen: 38.325 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.27 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampled :

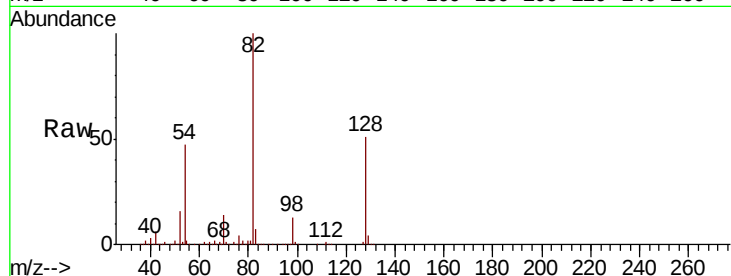
Tot Ion: 82 Resp: 2036265

Ion Ratio Lower Upper

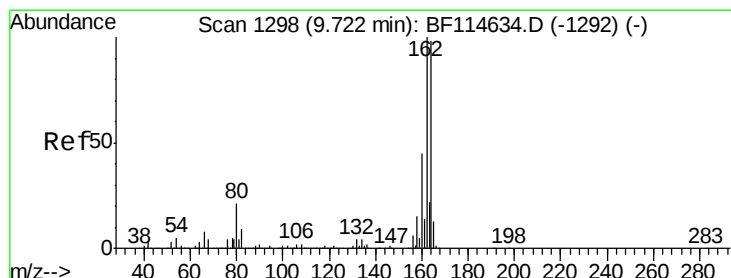
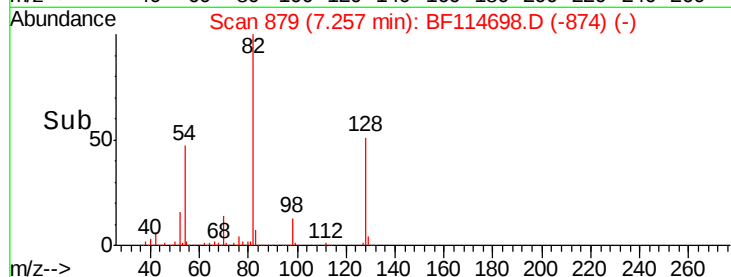
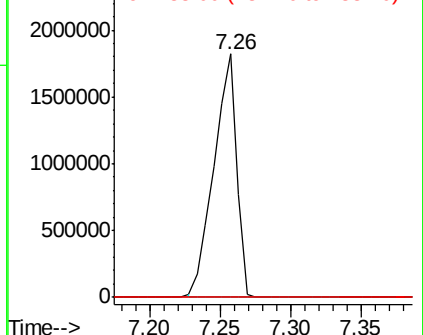
82 100

95 0.0 5.8 8.8#

138 0.0 16.1 24.1#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

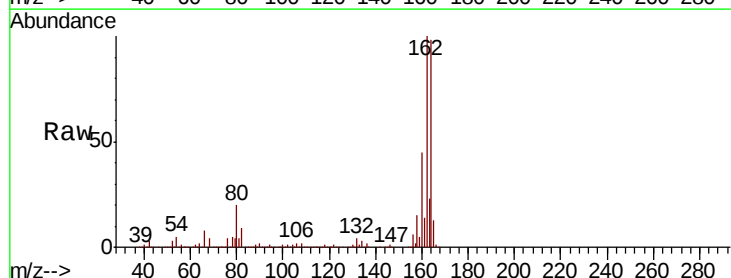
Tgt Ion: 164 Resp: 860130

Ion Ratio Lower Upper

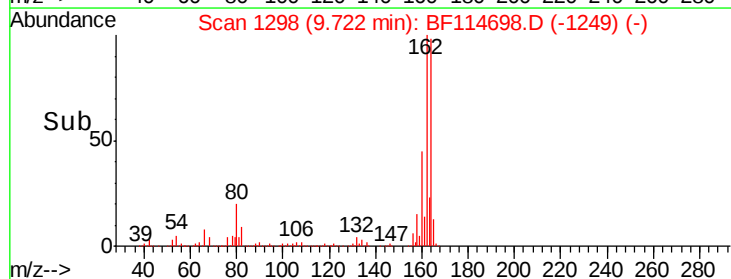
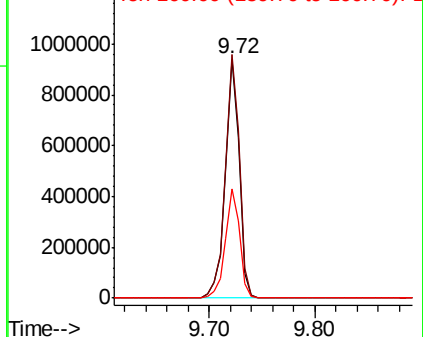
164 100

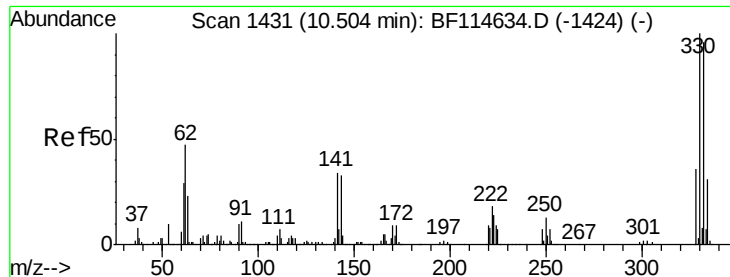
162 101.9 83.0 124.4

160 45.6 38.2 57.2



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

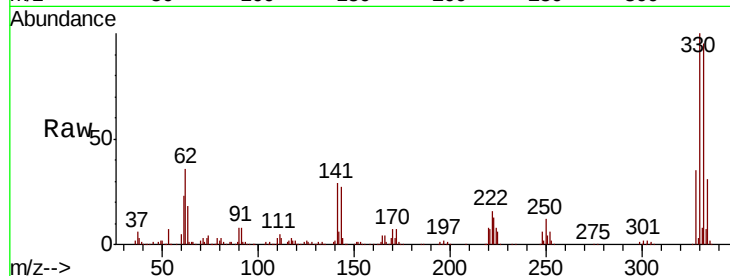




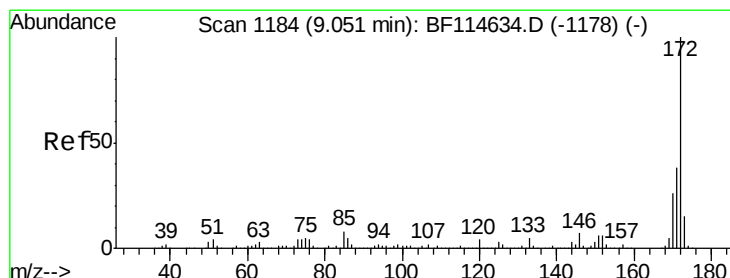
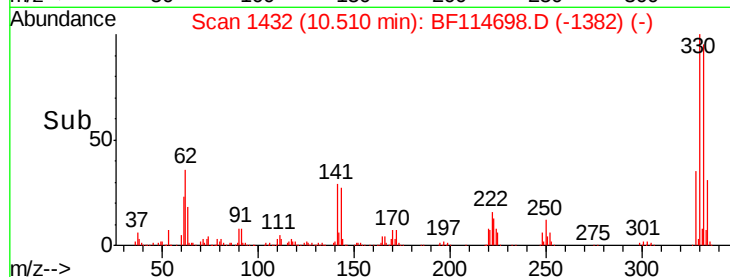
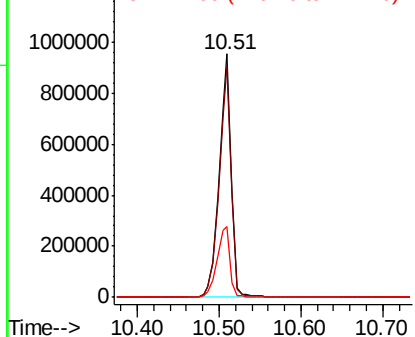
#42
 2,4,6-Tribromophenol
 Concen: 120.316 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF114698.D
 Acq: 31 May 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 986073
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 31.7 26.2 39.2

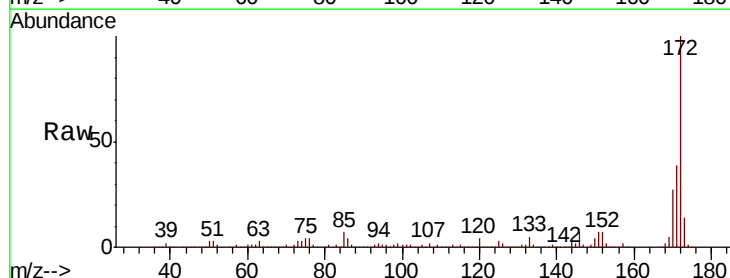


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

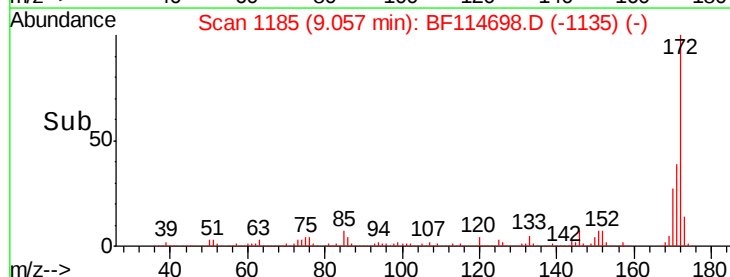
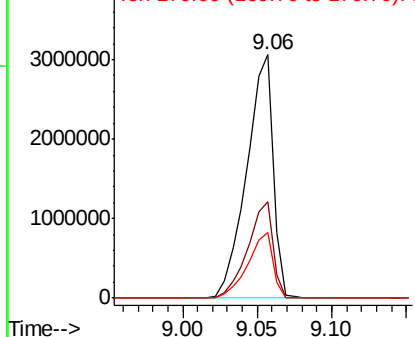


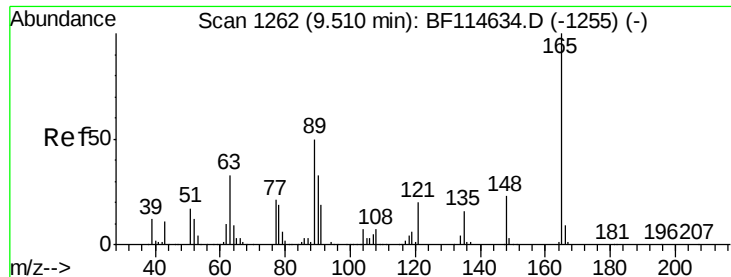
#45
 2-Fluorobiphenyl
 Concen: 81.282 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114698.D
 Acq: 31 May 2019 10:41

Tgt Ion:172 Resp: 3753812
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 26.7 21.5 32.3



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





#51

2,6-Dinitrotoluene

Concen: 7.969 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

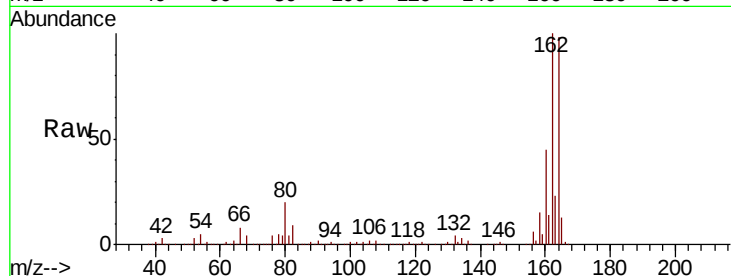
Tot Ion:165 Resp: 110983

Ion Ratio Lower Upper

165 100

63 1.1 40.7 61.1#

89 1.2 42.6 63.8#



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

150000

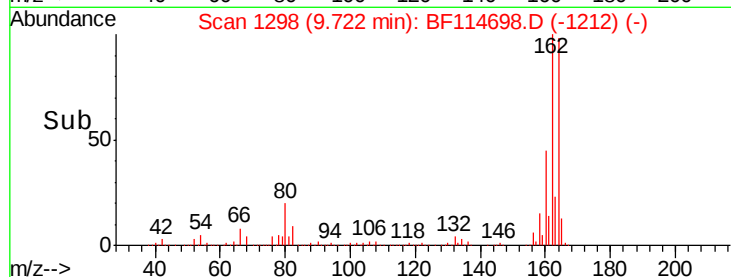
100000

50000

0

9.72

9.65 9.70 9.75



#57

2,4-Dinitrotoluene

Concen: 6.209 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.19 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Tgt Ion:165 Resp: 110983

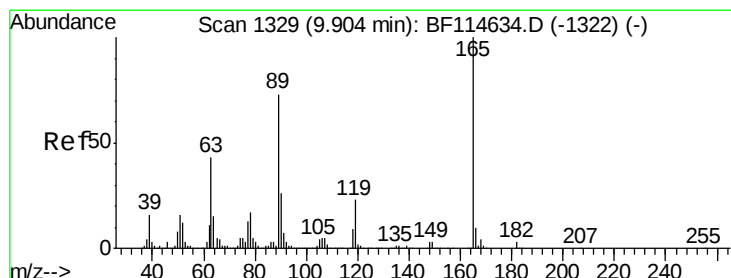
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 1.2 54.9 82.3#

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

150000

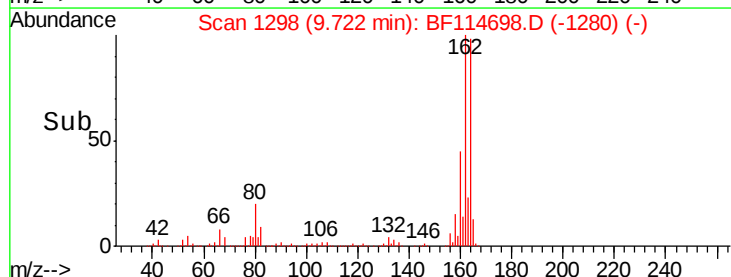
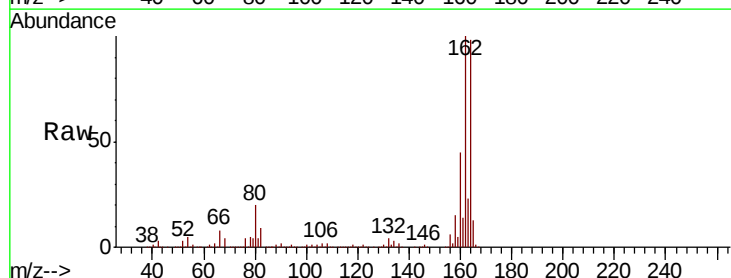
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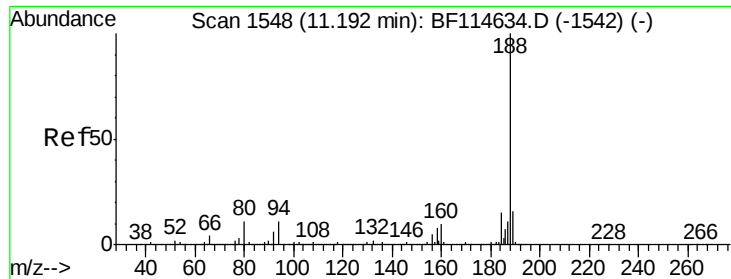
50000

0

9.72

9.65 9.70 9.75





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

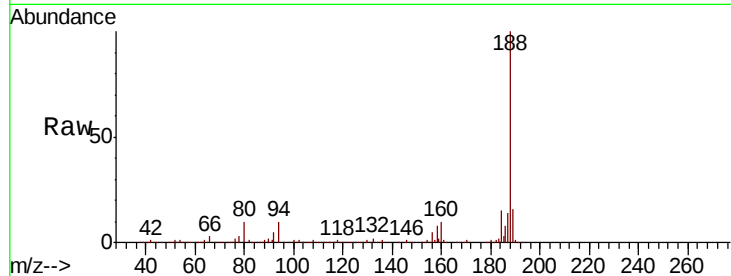
Tot Ion:188 Resp: 1641922

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	9.9	8.2	12.2

188 100

94 9.7 7.6 11.4

80 9.9 8.2 12.2

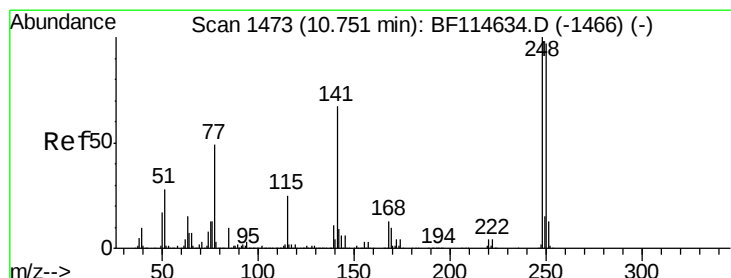
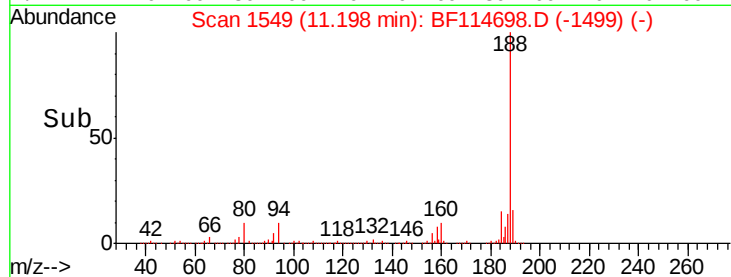


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.451 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

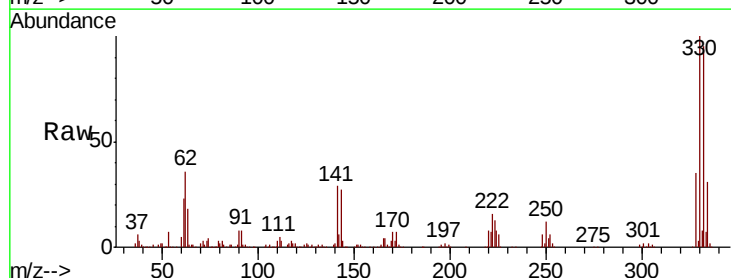
Tgt Ion:248 Resp: 60758

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.8	115.2#
141	467.7	56.6	84.8#

248 100

250 201.0 76.8 115.2#

141 467.7 56.6 84.8#

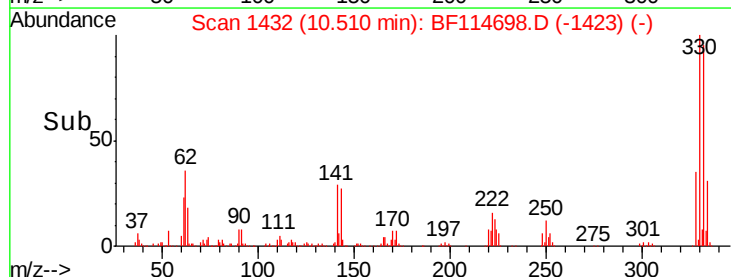


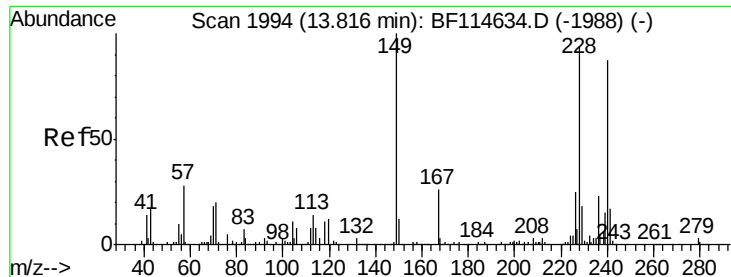
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

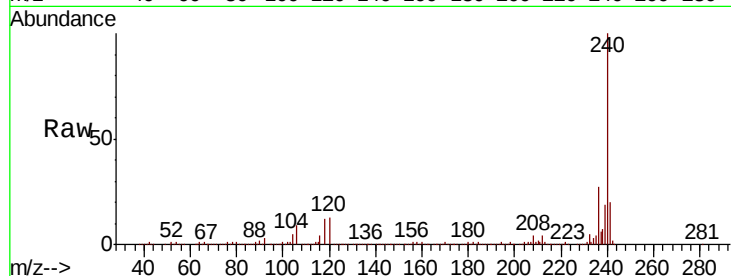
Tot Ion:240 Resp: 1094395

Ion Ratio Lower Upper

240 100

120 13.2 10.8 16.2

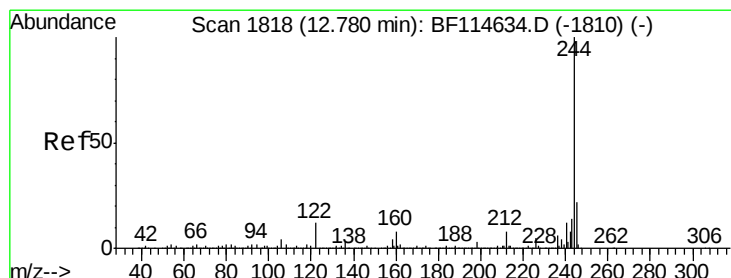
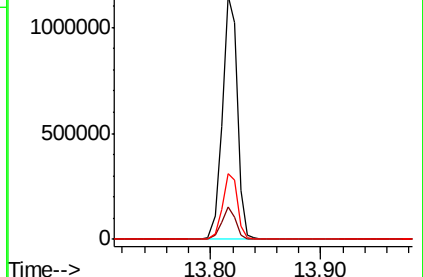
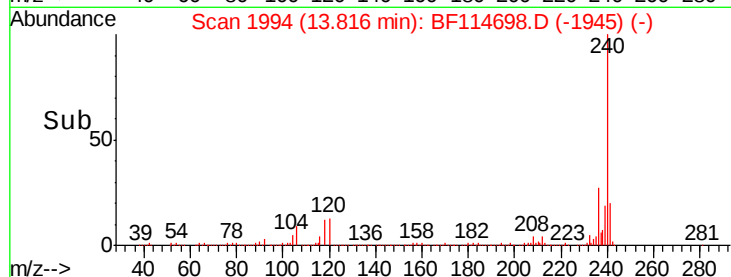
236 27.2 21.9 32.9



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: 66.537 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

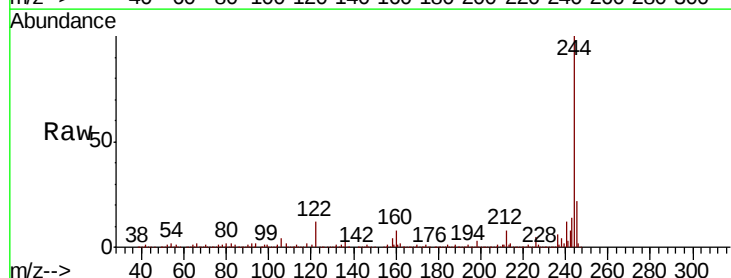
Tgt Ion:244 Resp: 3872956

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

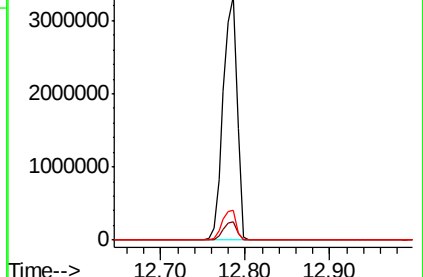
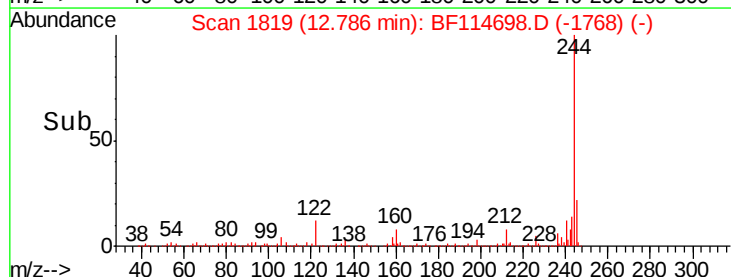
122 12.1 10.2 15.2

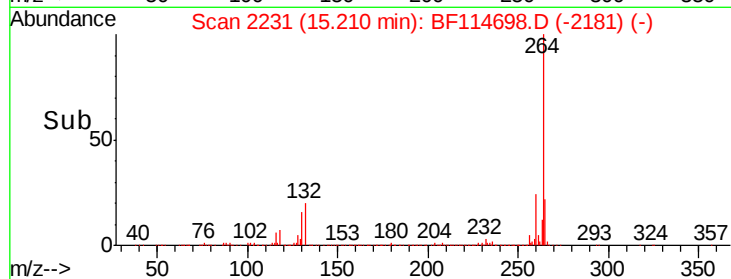
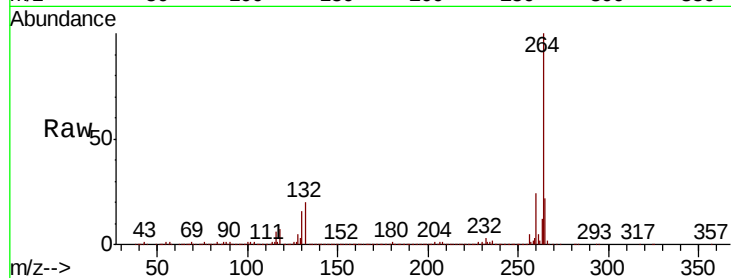
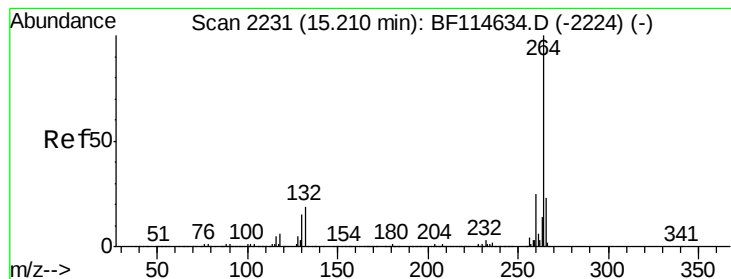


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 921013

Ion Ratio Lower Upper

264 100

260 24.5 20.3 30.5

265 22.2 18.0 27.0

