

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114537.D
 Acq On : 23 May 2019 21:35
 Operator : JU/SJ
 Sample : K2746-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:19:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

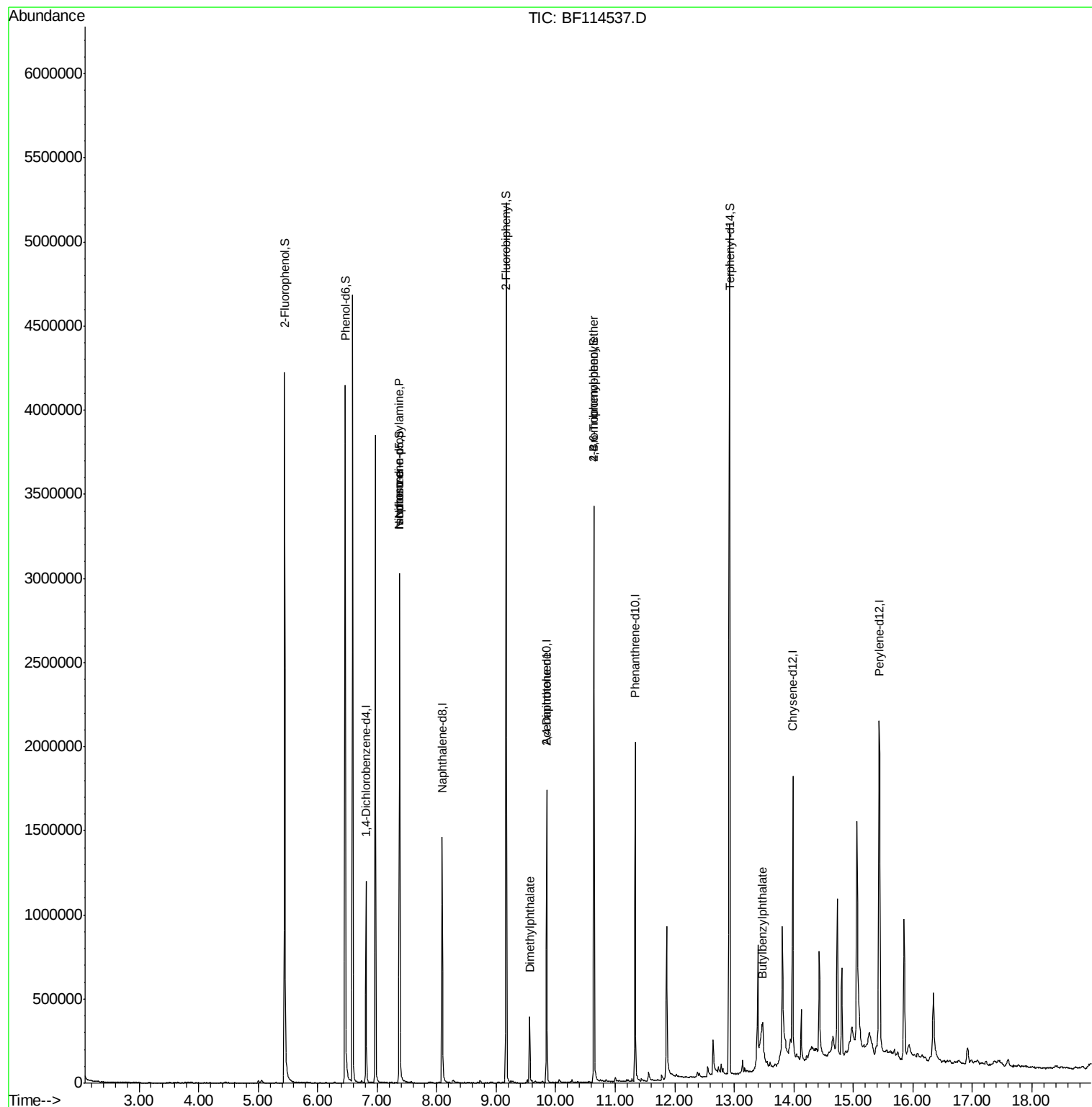
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	173818	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	667837	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	330077	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	708225	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	559776	20.00	ng	-0.02
87) Perylene-d12	15.44	264	506969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1197522	110.87	ng	-0.02
7) Phenol-d6	6.46	99	1564178	122.44	ng	-0.02
23) Nitrobenzene-d5	7.37	82	952432	80.04	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	416429	122.03	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1637445	75.04	ng	-0.02
79) Terphenyl-d14	12.92	244	1848209	68.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	125500	15.499	ng	# 76
25) Isophorone	7.37	82	952426	43.155	ng	# 64
50) Dimethylphthalate	9.56	163	167022	6.893	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	42015	5.760	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	27316	3.503	ng	# 1
80) Butylbenzylphthalate	13.46	149	42347	2.234	ng	# 35

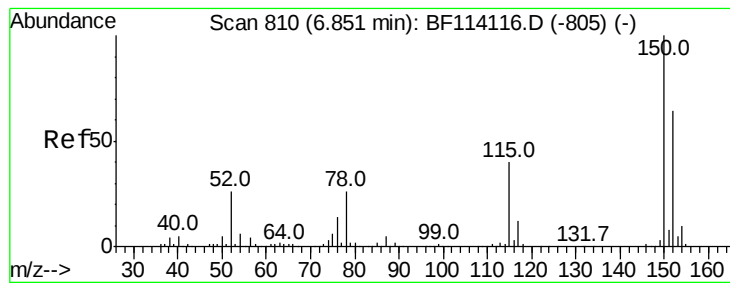
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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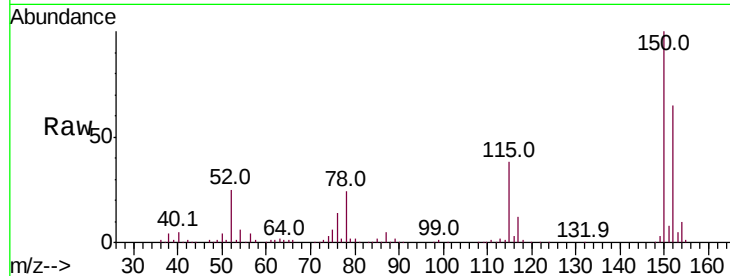


#1

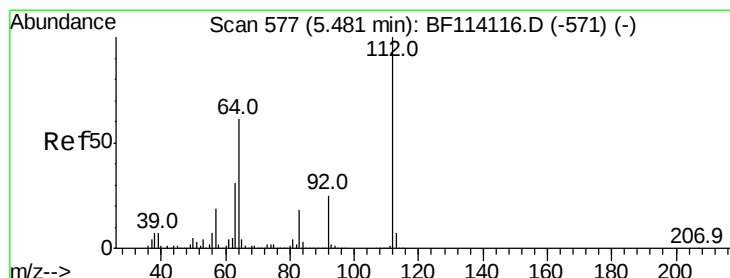
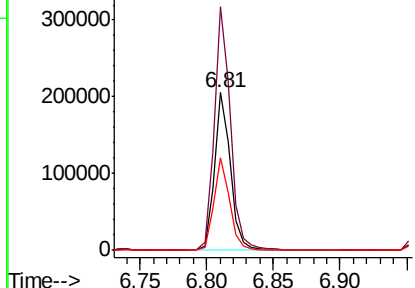
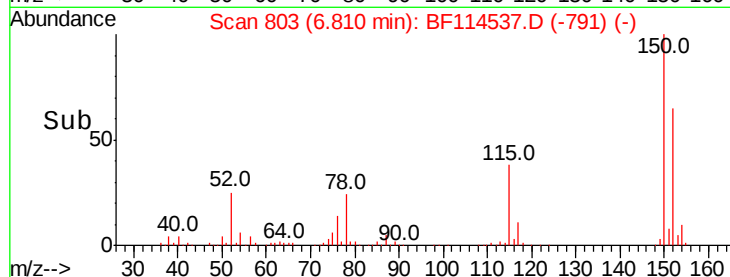
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114537.D
Acq: 23 May 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173818
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 59.2 49.1 73.7



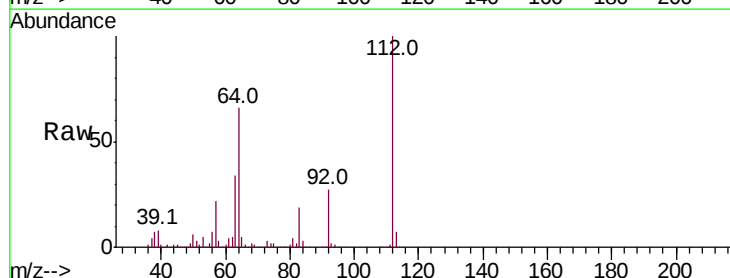
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



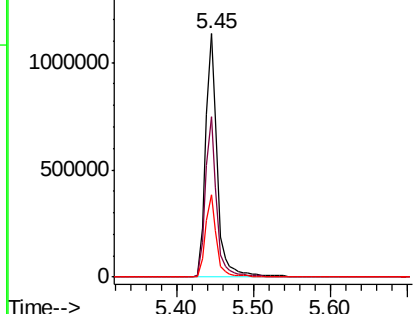
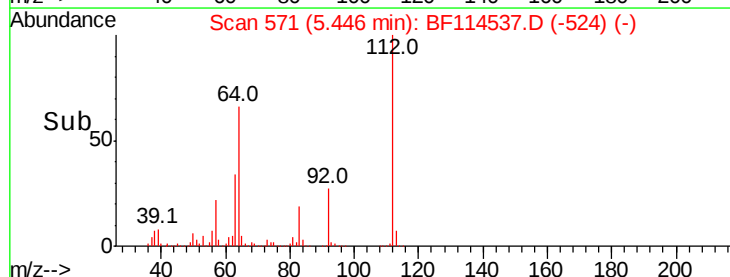
#5

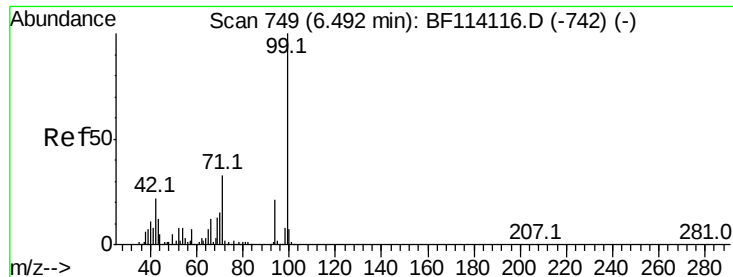
2-Fluorophenol
Concen: 110.870 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF114537.D
Acq: 23 May 2019 21:35

Tgt Ion:112 Resp: 1197522
Ion Ratio Lower Upper
112 100
64 65.7 49.0 73.6
63 33.7 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: 122.442 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Instrument :

BNA_F

ClientSampleId :

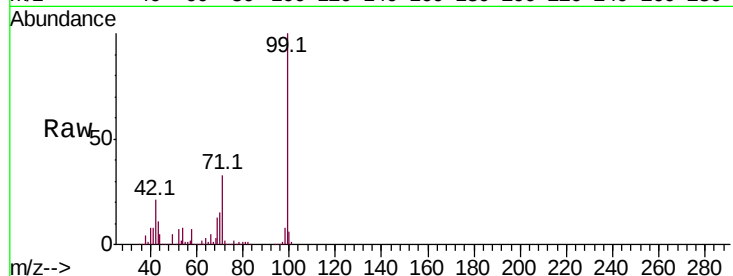
Tot Ion: 99 Resp: 1564178

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

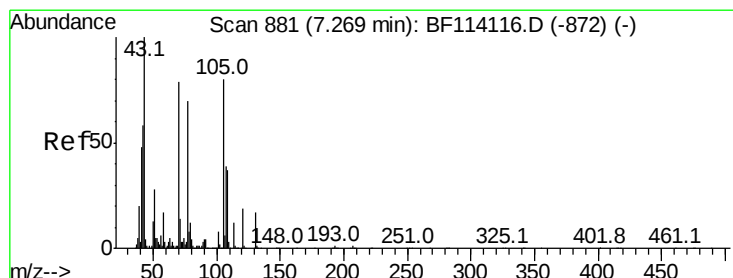
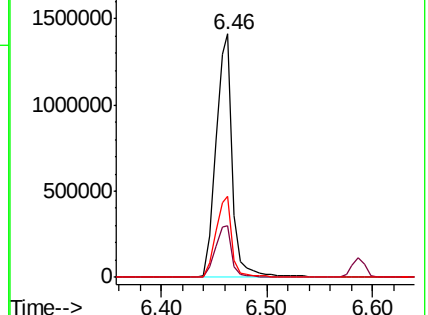
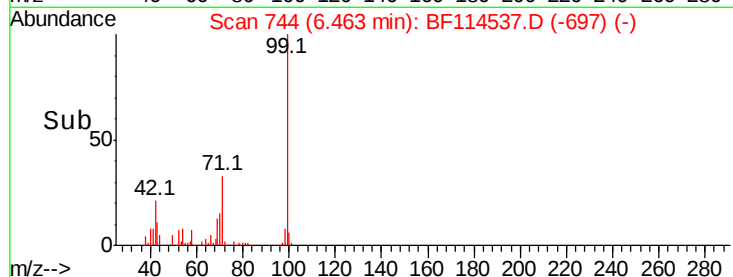
71 33.2 26.2 39.2



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: 15.499 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Tgt Ion: 70 Resp: 125500

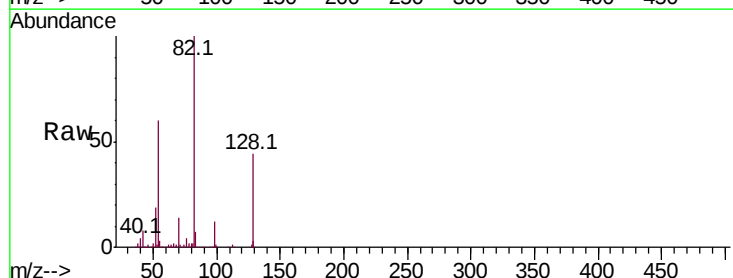
Ion Ratio Lower Upper

70 100

42 57.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

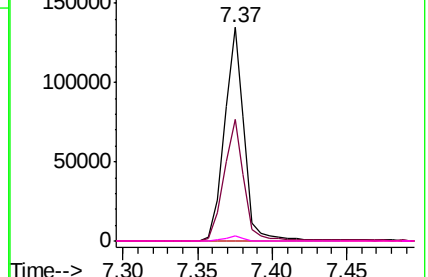
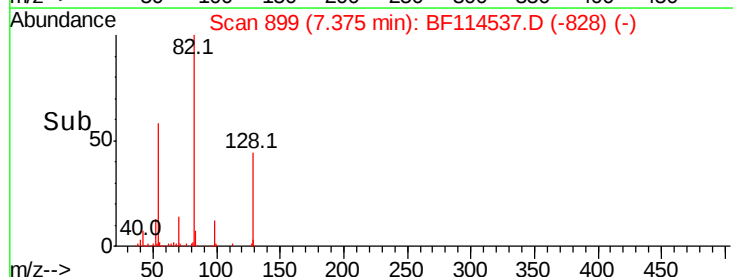


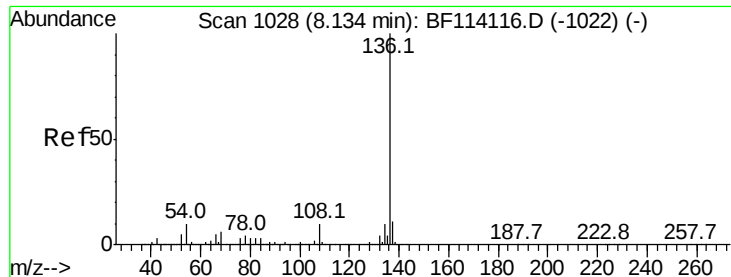
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

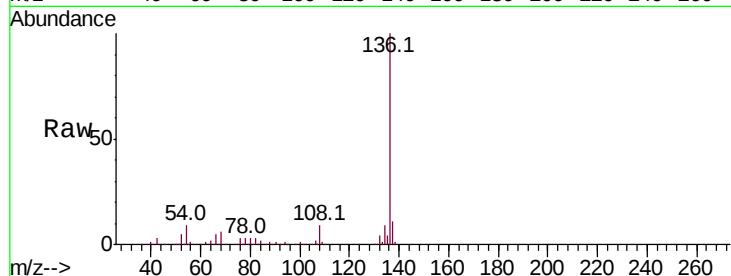




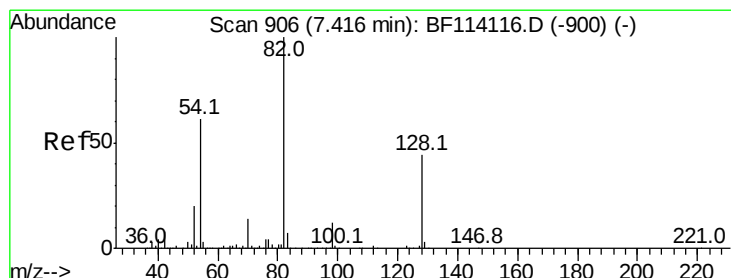
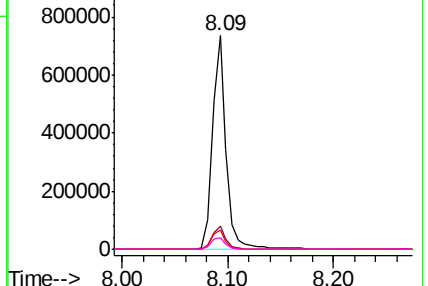
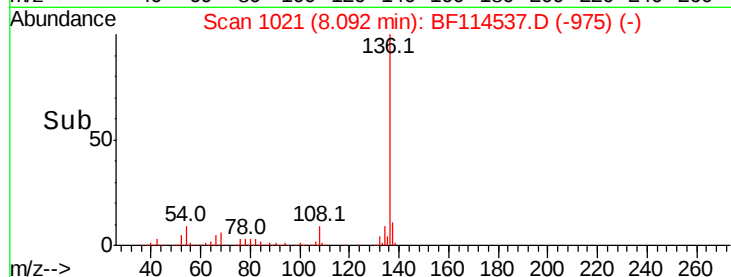
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114537.D
Acq: 23 May 2019 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	667837
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	9.0	7.8 11.8
68	5.6	5.1 7.7

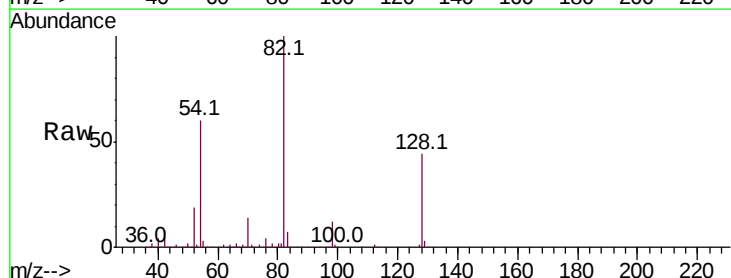


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

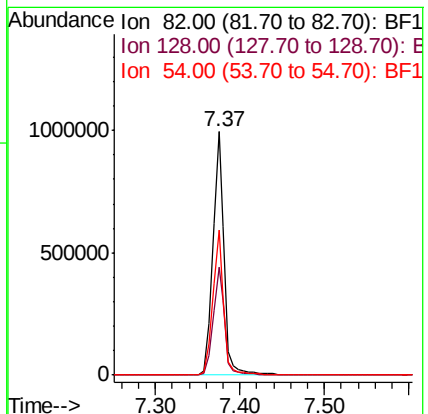
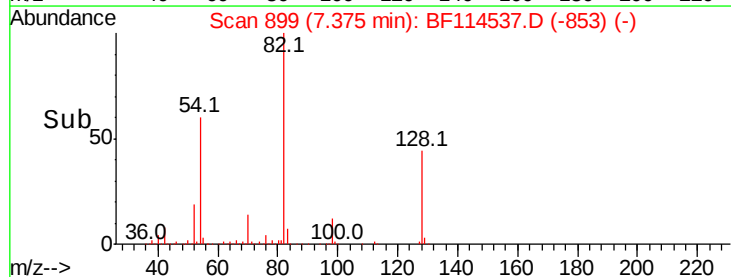


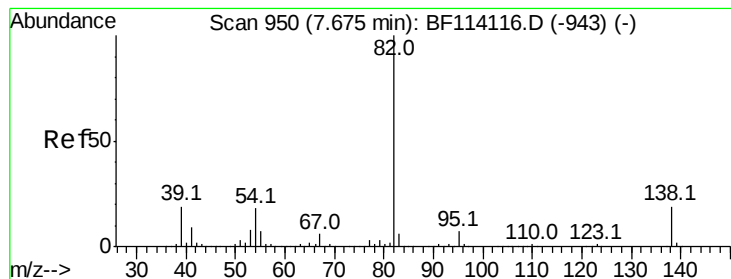
#23
Nitrobenzene-d5
Concen: 80.035 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114537.D
Acq: 23 May 2019 21:35

Tgt Ion: 82	Resp:	952432
Ion Ratio	Lower	Upper
82	100	
128	44.5	35.5 53.3
54	59.8	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: 43.155 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Instrument :

BNA_F

ClientSampleId :

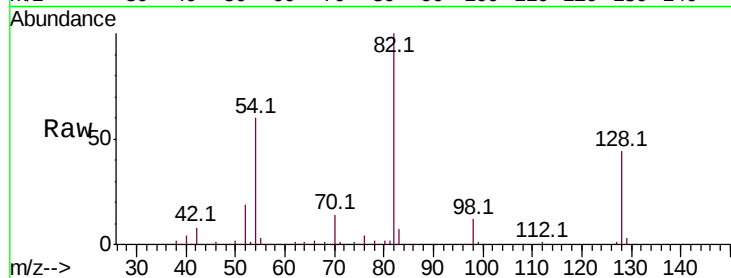
Tot Ion: 82 Resp: 952426

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

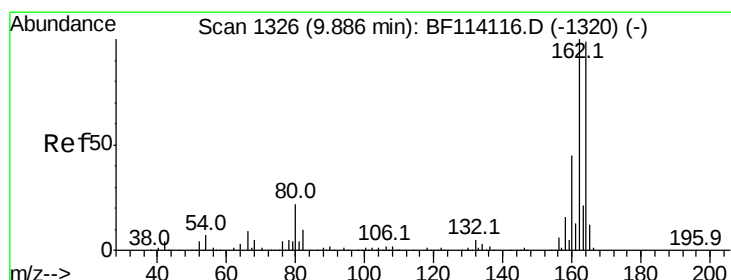
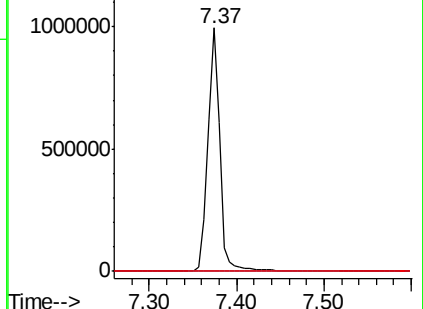
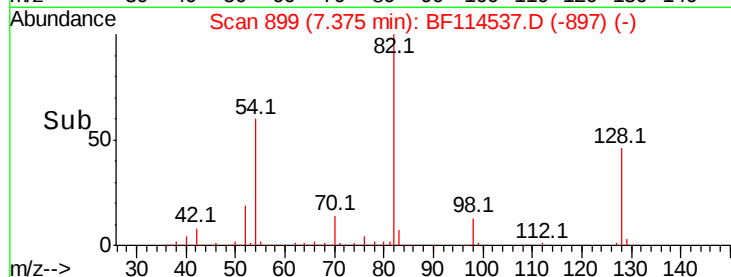
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

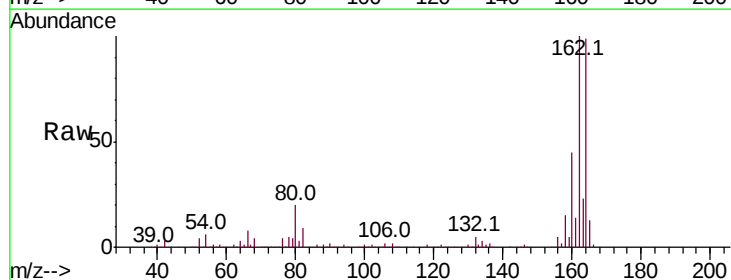
Tgt Ion:164 Resp: 330077

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

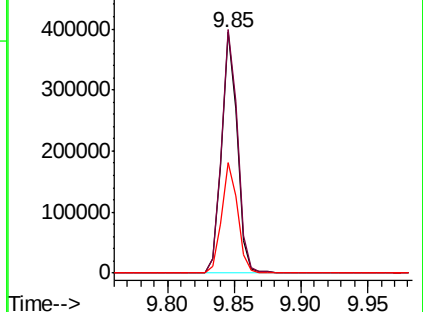
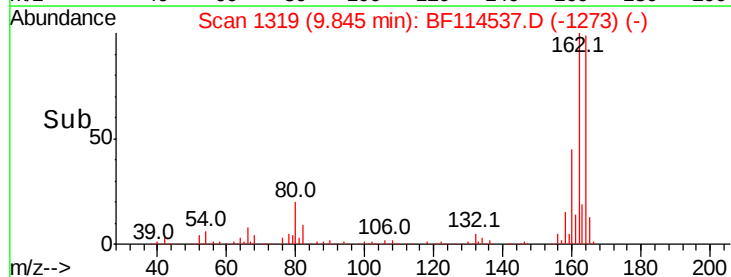
160 45.7 36.5 54.7

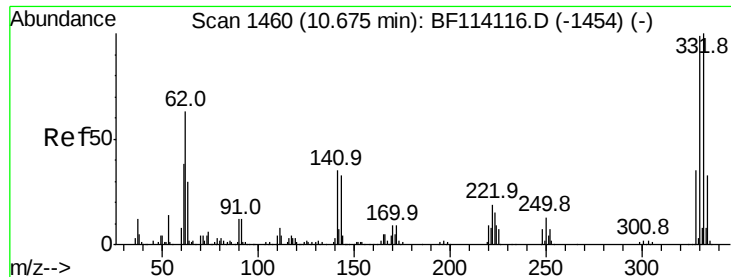


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

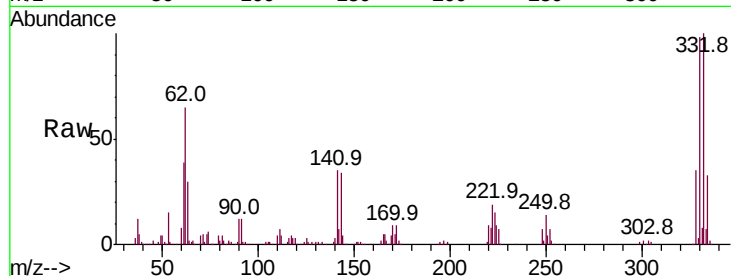




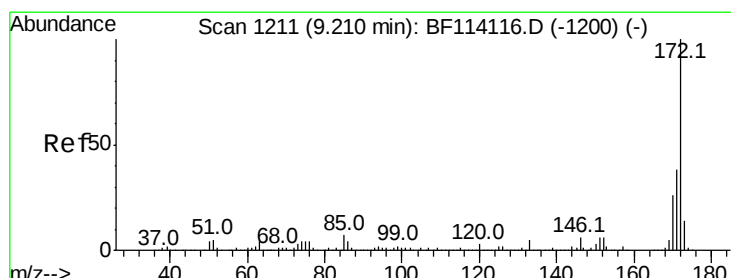
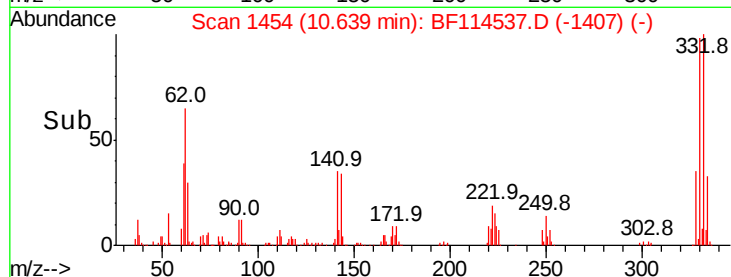
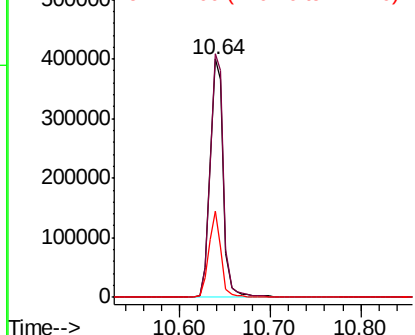
#42
 2,4,6-Tribromophenol
 Concen: 122.033 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 416429
 Ion Ratio Lower Upper
 330 100
 332 102.6 81.4 122.2
 141 33.3 26.6 40.0

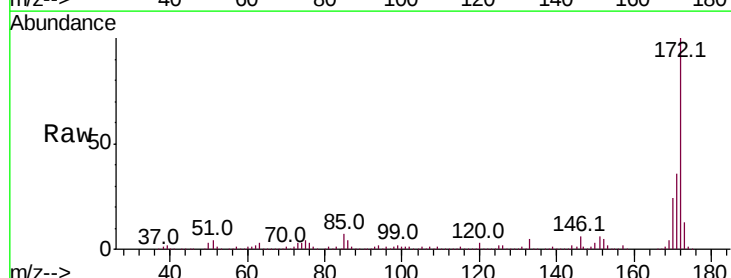


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

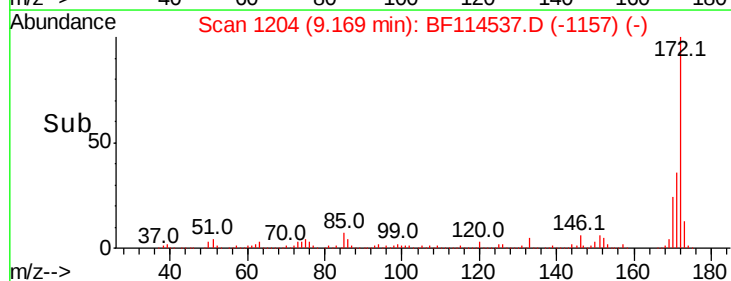
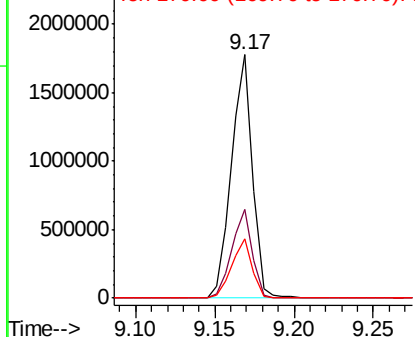


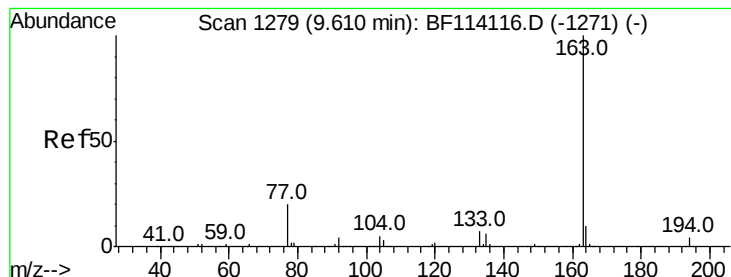
#45
 2-Fluorobiphenyl
 Concen: 75.040 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

Tgt Ion:172 Resp: 1637445
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.3 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: 6.893 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Instrument :

BNA_F

ClientSampleId :

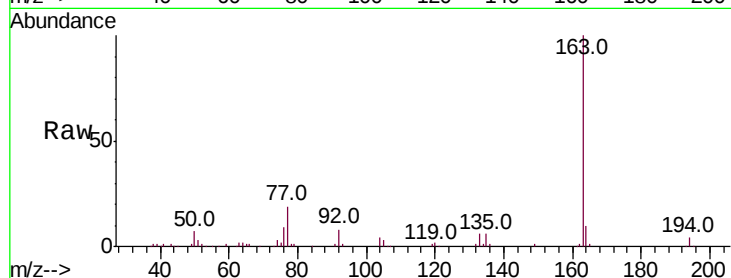
Tot Ion:163 Resp: 167022

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

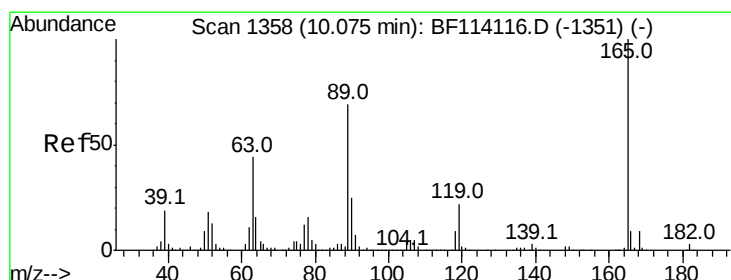
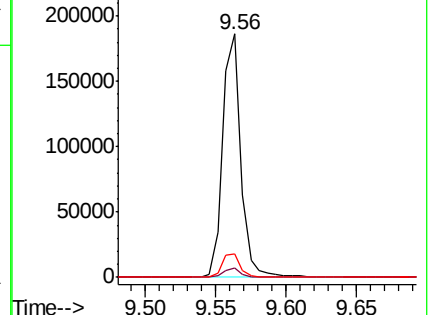
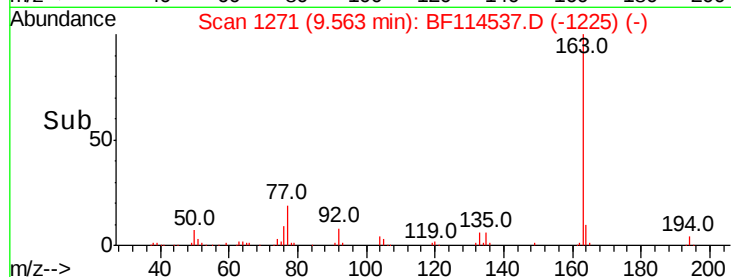
164 9.8 8.2 12.2



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: 5.760 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.22 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Tgt Ion:165 Resp: 42015

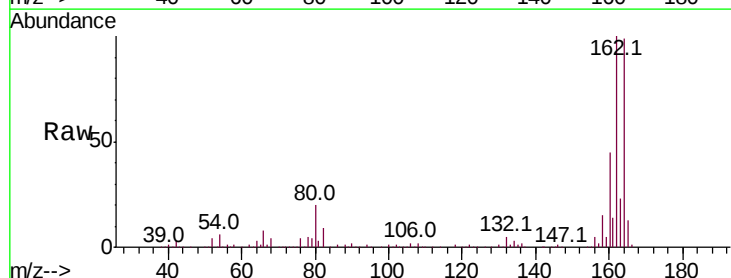
Ion Ratio Lower Upper

165 100

63 1.4 35.5 53.3#

89 1.6 55.2 82.8#

182 0.0 2.2 3.2#

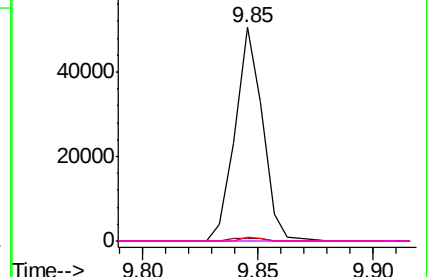
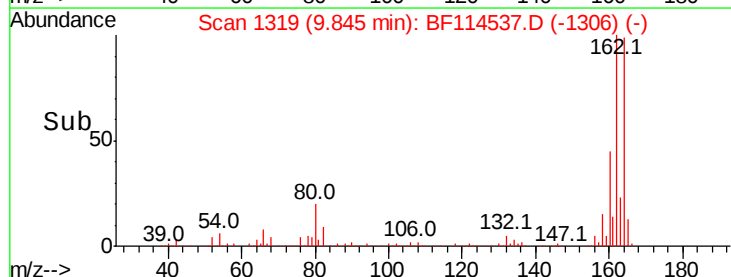


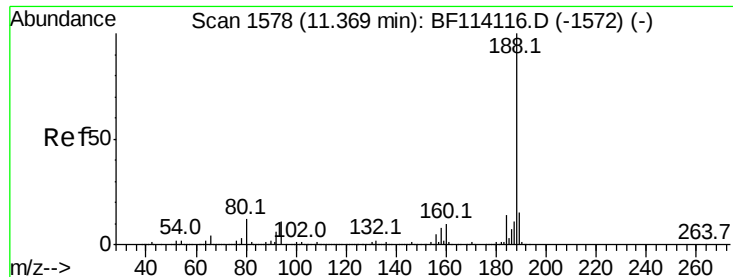
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

Instrument :

BNA_F

ClientSampleId :

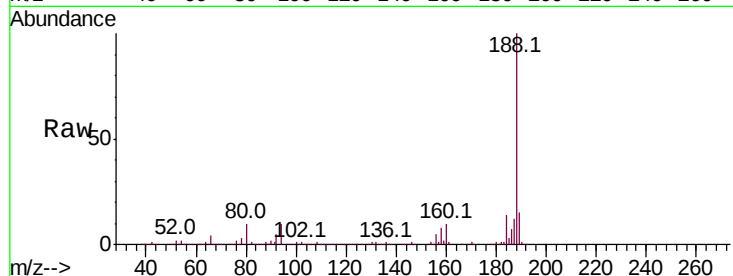
Tot Ion:188 Resp: 708225

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

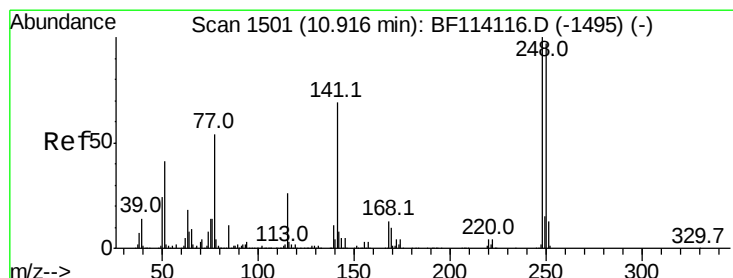
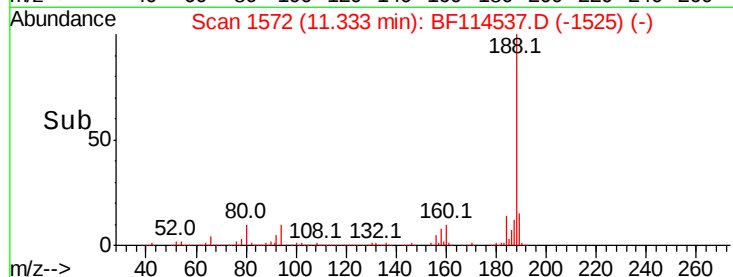
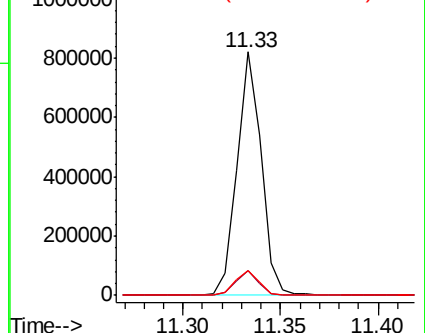
80 10.3 9.2 13.8



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: 3.503 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF114537.D

Acq: 23 May 2019 21:35

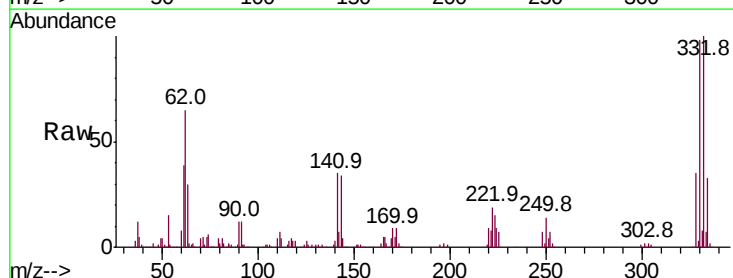
Tgt Ion:248 Resp: 27316

Ion Ratio Lower Upper

248 100

250 192.2 77.4 116.2#

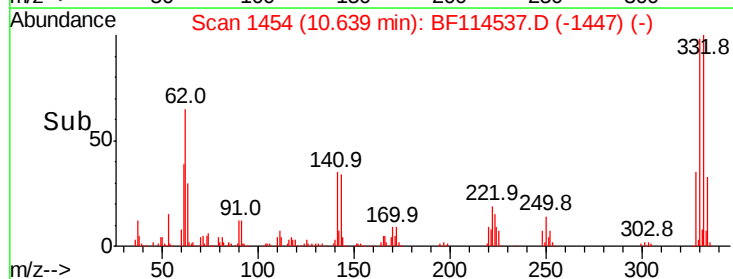
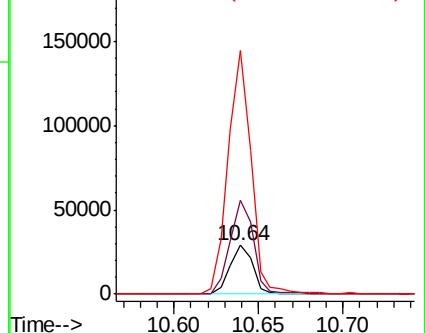
141 498.7 55.6 83.4#

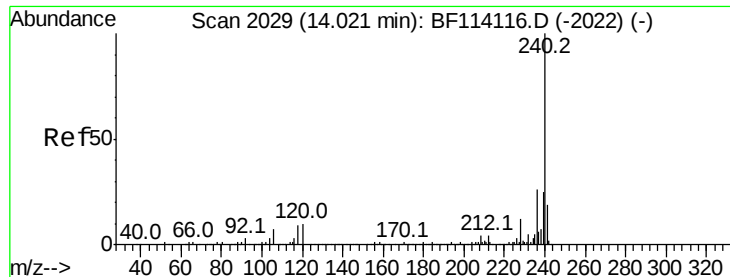


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

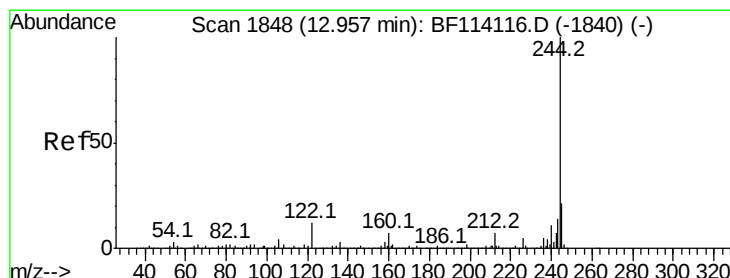
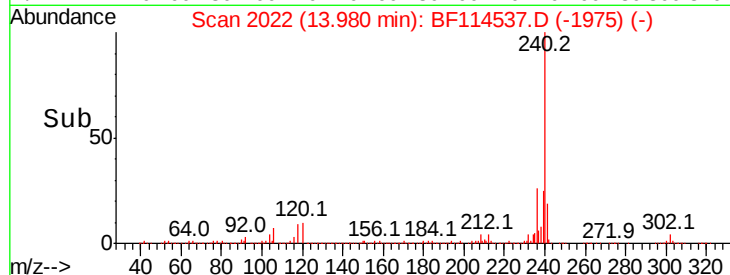
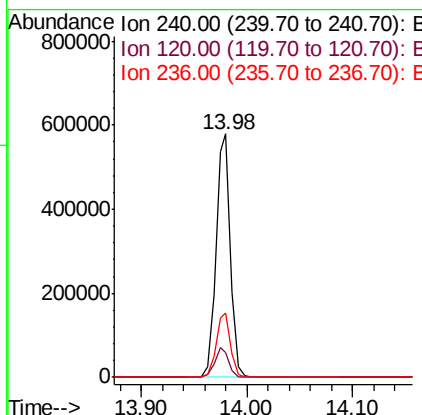
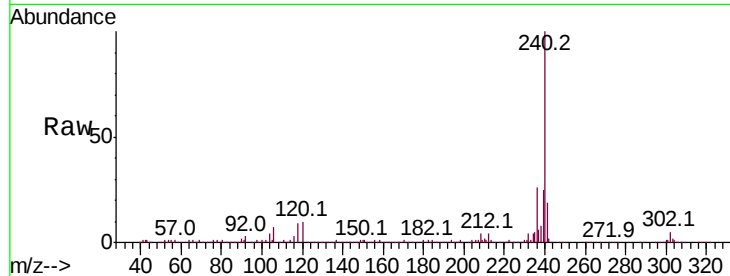




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

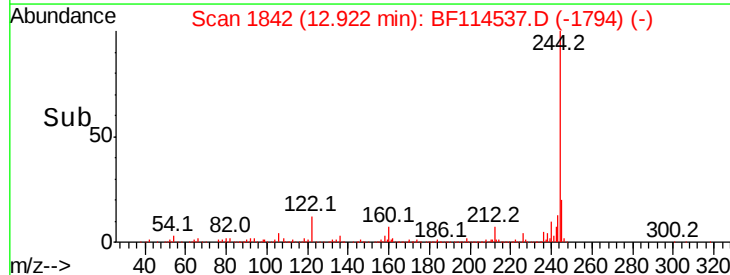
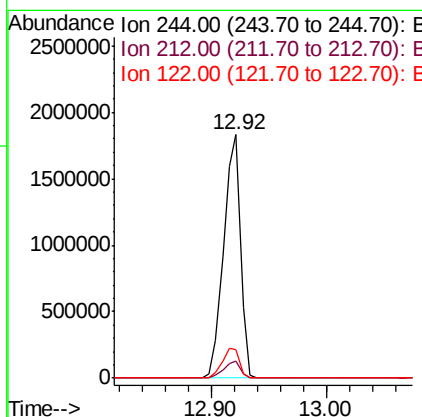
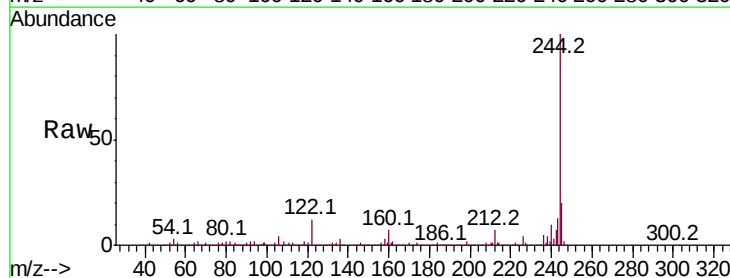
Instrument :
 BNA_F
 ClientSampleId :

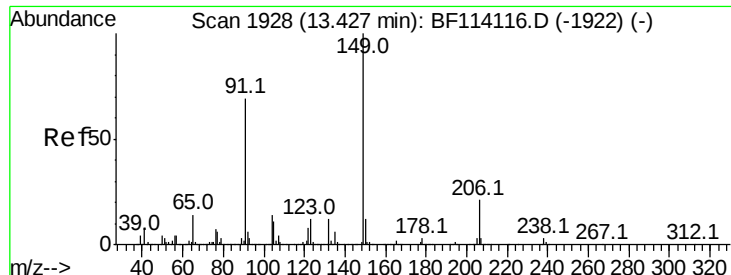
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.3	20.8	31.2



#79
 Terphenyl-d14
 Concen: 68.062 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.7	9.4	14.2

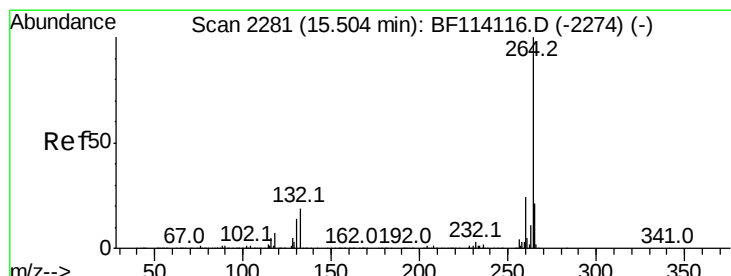
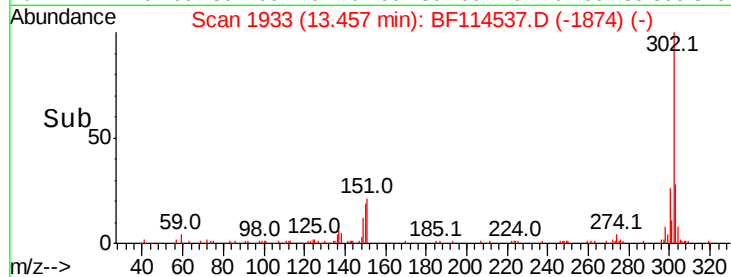
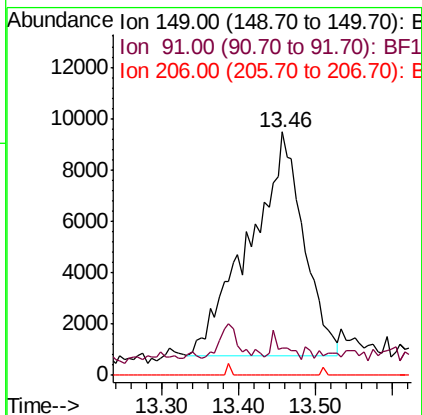
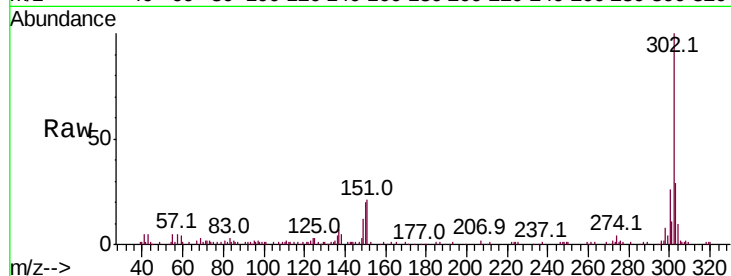




#80
 Butylbenzylphthalate
 Concen: 2.234 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. 0.05 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	42347
Ion Ratio	Lower	Upper	
149	100		
91	11.2	55.0	82.4#
206	0.0	16.9	25.3#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF114537.D
 Acq: 23 May 2019 21:35

Tgt Ion:	264	Resp:	506969
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.0
265	21.8	16.9	25.3

