

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114560.D
 Acq On : 24 May 2019 10:51
 Operator : JU/SJ
 Sample : K2944-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-2(14.5-15)

Quant Time: May 24 11:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

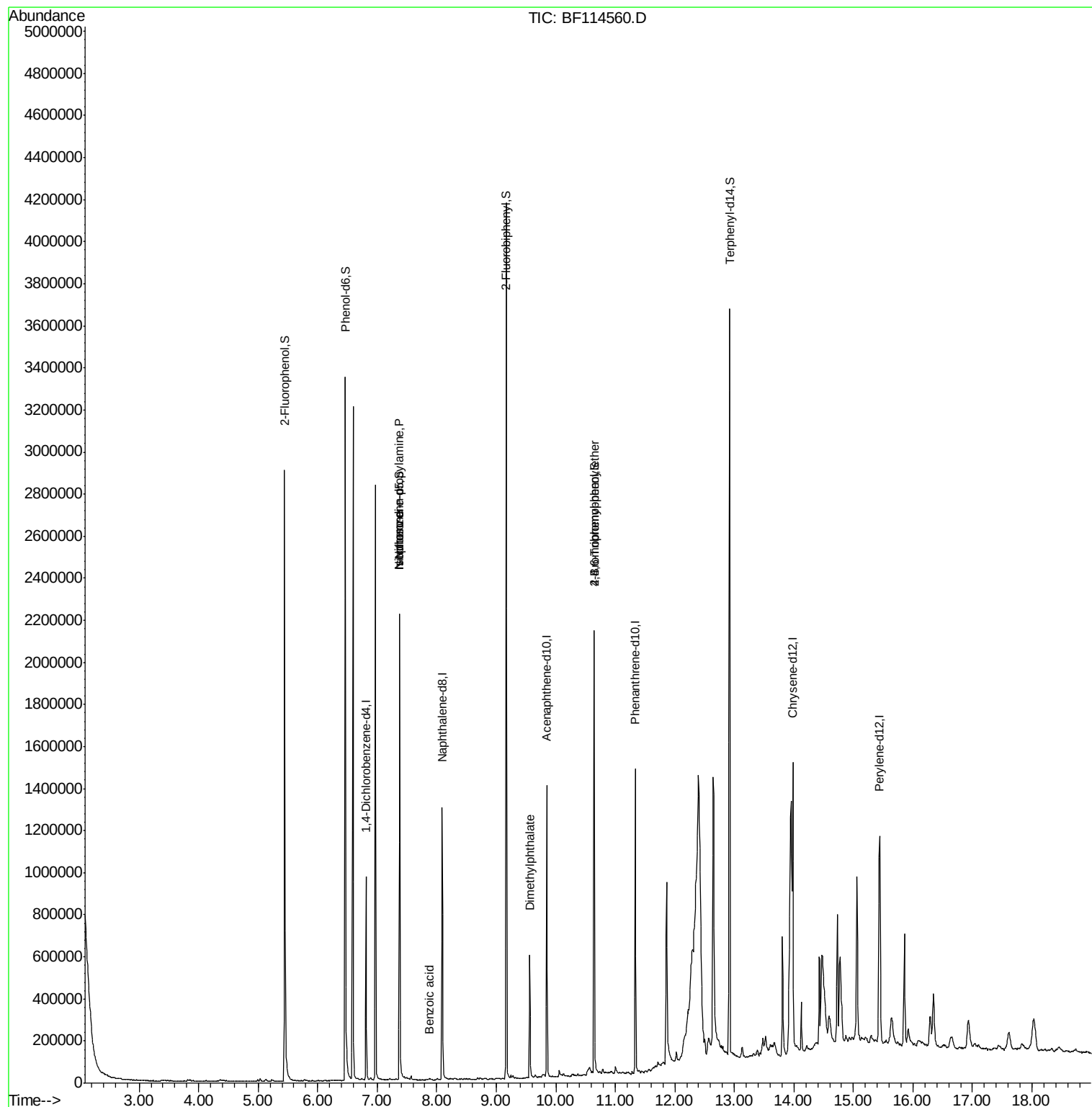
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144185	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558711	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269449	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	546387	20.00	ng	0.00
76) Chrysene-d12	13.98	240	362677	20.00	ng	0.00
87) Perylene-d12	15.44	264	369423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	838194	93.55	ng	0.00
7) Phenol-d6	6.46	99	1110482	104.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	662003	66.50	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	266308	95.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1221794	68.59	ng	0.00
79) Terphenyl-d14	12.92	244	1235422	70.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	90097	13.414	ng	# 75
25) Isophorone	7.37	82	661995	35.854	ng	# 64
32) Benzoic acid	7.87	122	1409	7.239	ng	83
50) Dimethylphthalate	9.56	163	212736	10.755	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	17524	2.913	ng	# 1

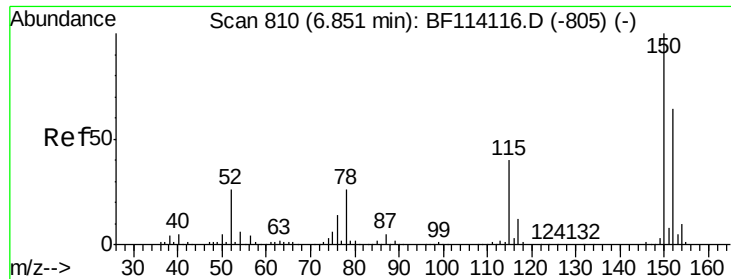
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FESB-2(14.5-15)

Quant Time: May 24 11:45:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



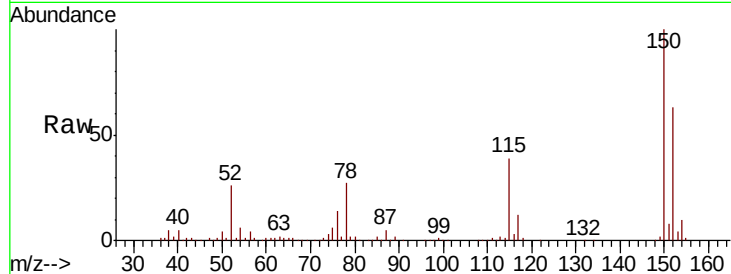


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
FESB-2(14.5-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.3	186.5
115	61.0	49.1	73.7

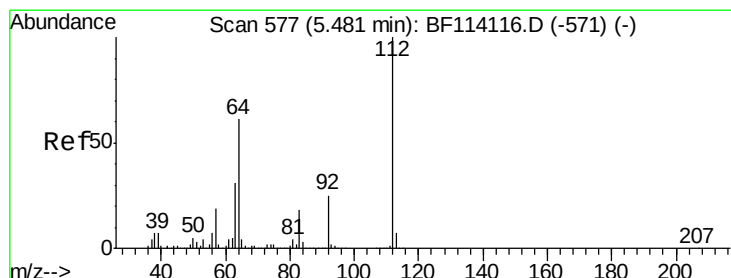
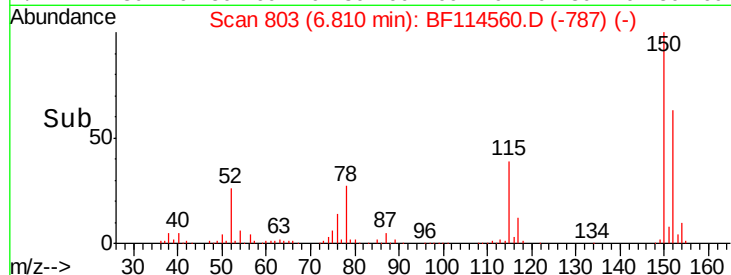
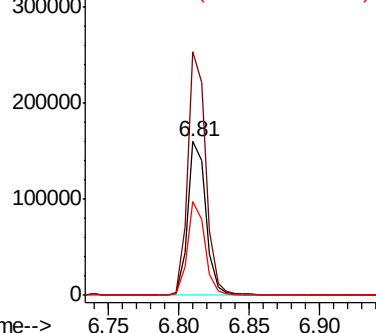


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

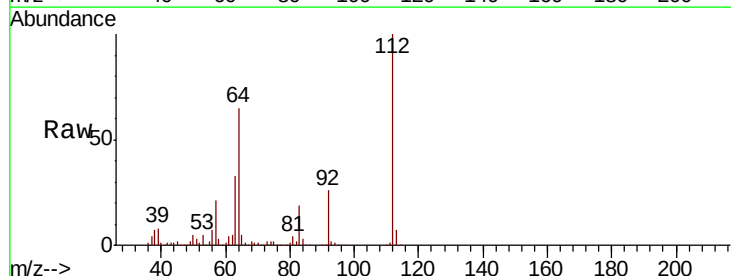
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.552 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	33.0	24.6	37.0

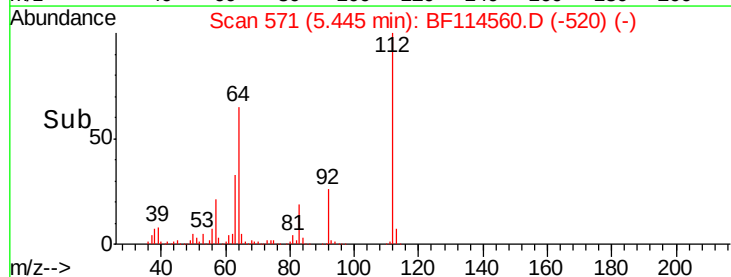
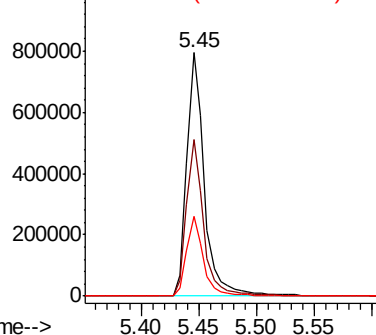


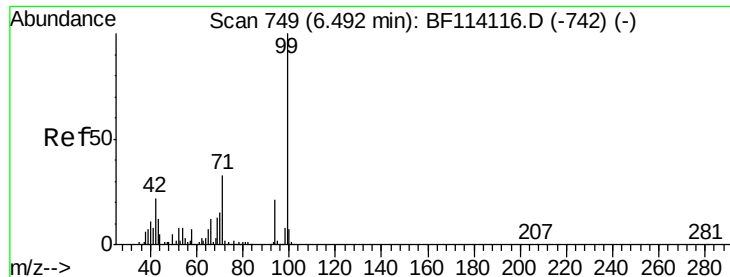
Abundance

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: 104.793 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

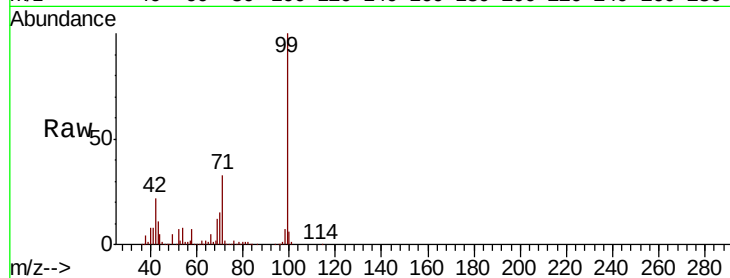
Tot Ion: 99 Resp: 1110482

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

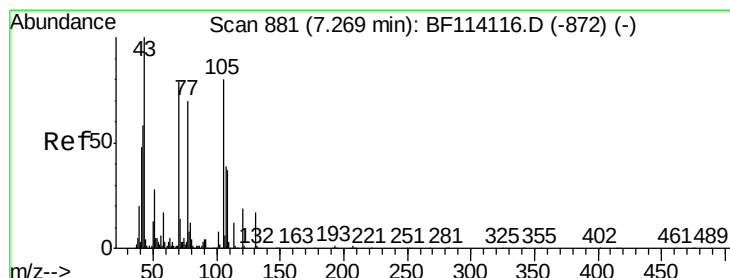
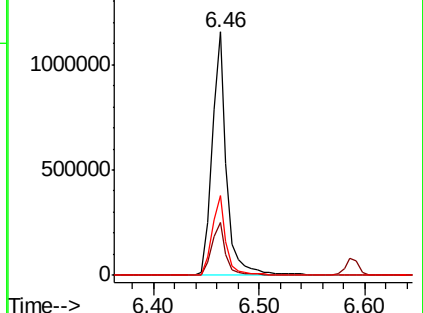
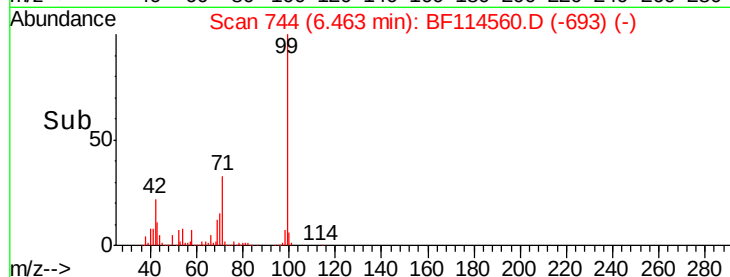
71 32.9 26.2 39.2



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: 13.414 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

Tgt Ion: 70 Resp: 90097

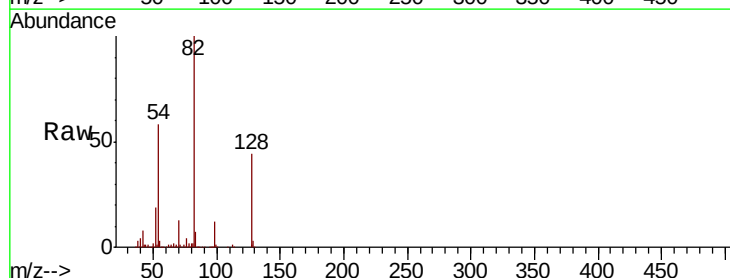
Ion Ratio Lower Upper

70 100

42 56.6 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

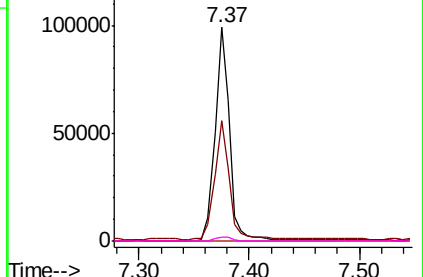
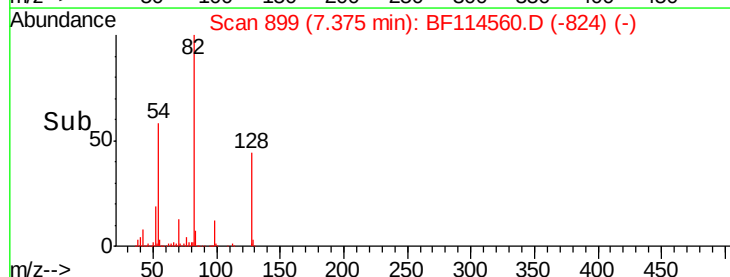


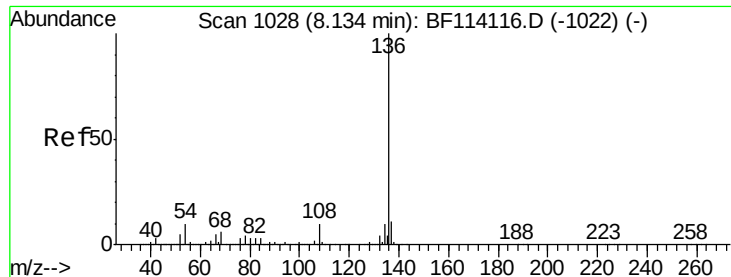
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

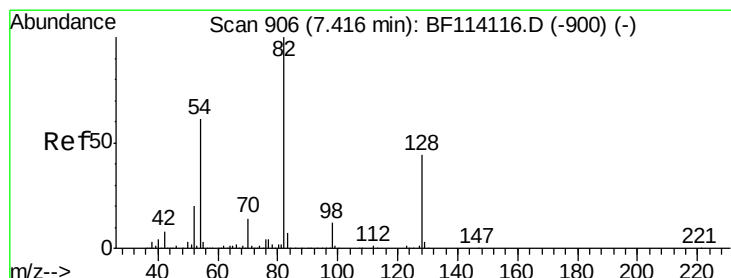
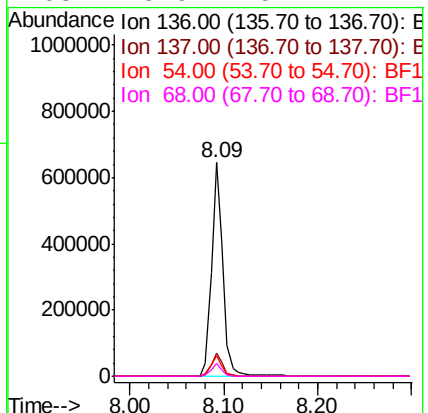
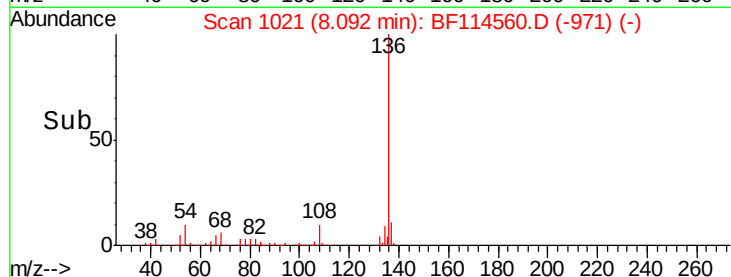
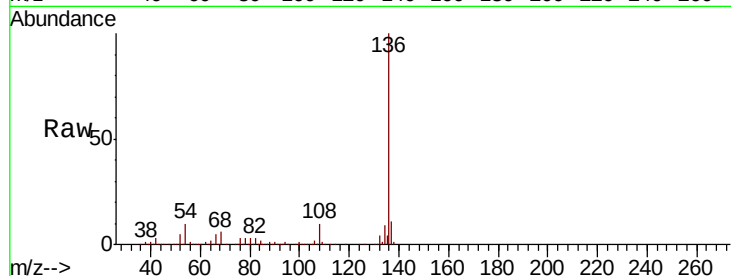




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

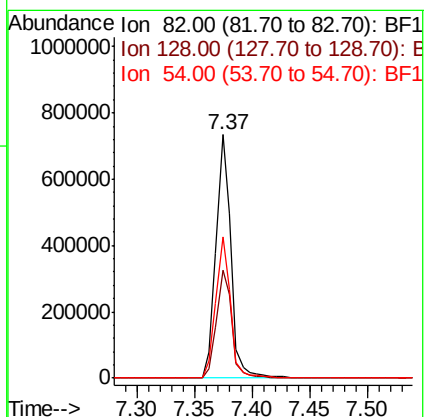
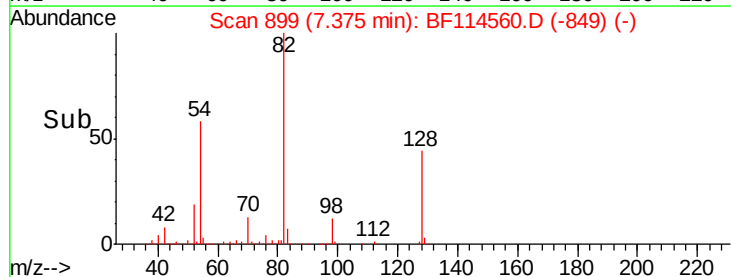
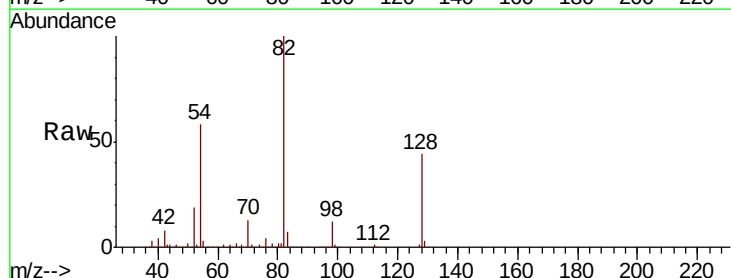
Instrument :
BNA_F
ClientSampleId :
FESB-2(14.5-15)

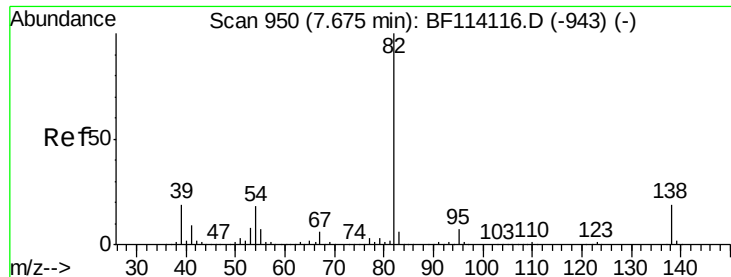
Tot Ion:136	Resp:	558711
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.5	7.8 11.8
68	5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 66.495 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Tgt Ion: 82	Resp:	662003
Ion Ratio	Lower	Upper
82	100	
128	44.2	35.5 53.3
54	58.2	48.5 72.7





#25

Isophorone

Concen: 35.854 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

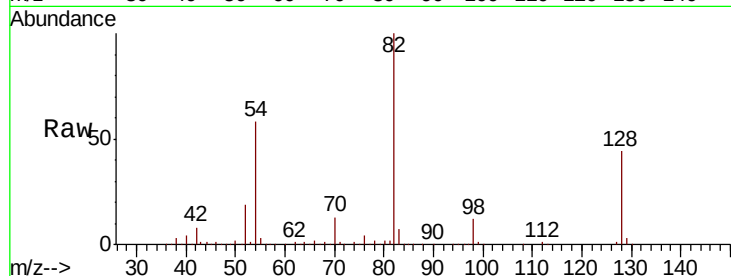
Tot Ion: 82 Resp: 661995

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

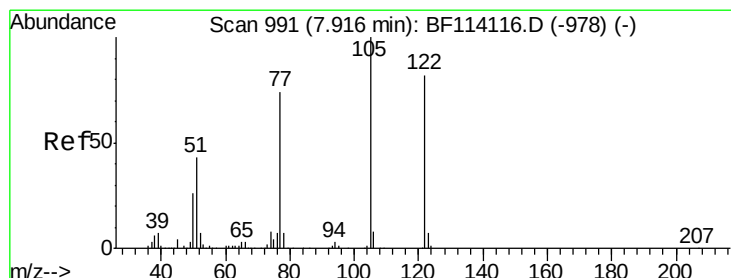
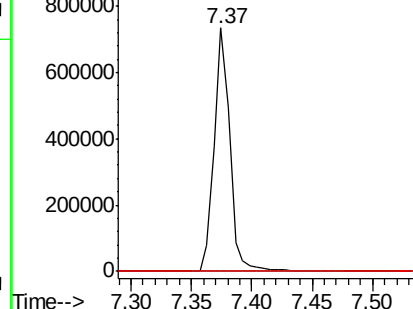
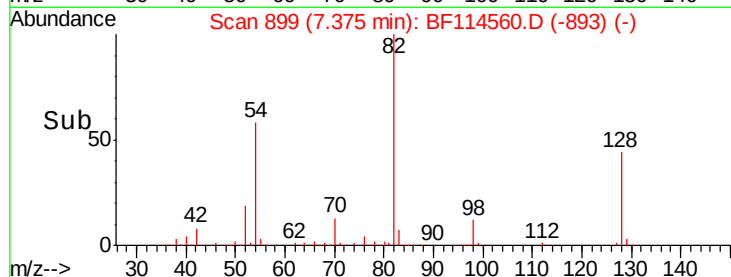
138 0.0 14.8 22.2#



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: 7.239 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.04 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

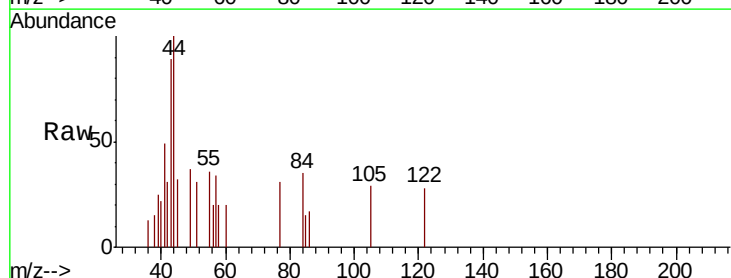
Tgt Ion: 122 Resp: 1409

Ion Ratio Lower Upper

122 100

105 104.9 99.9 139.9

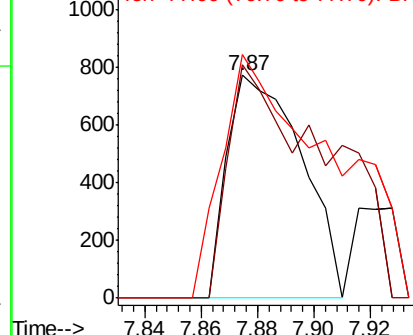
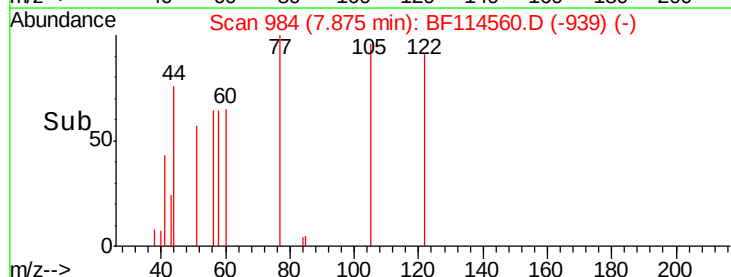
77 109.3 69.4 109.4

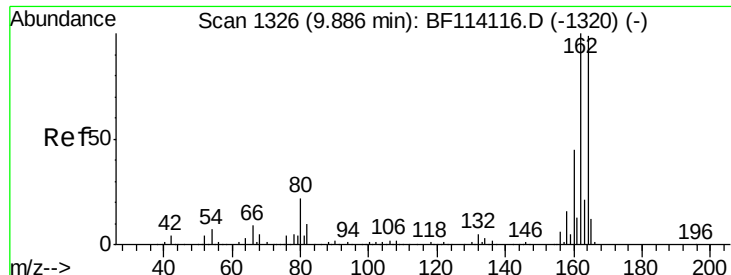


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

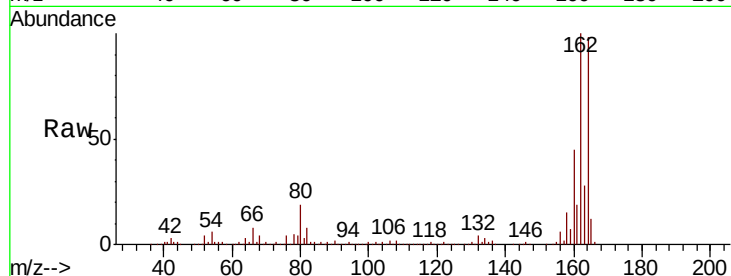




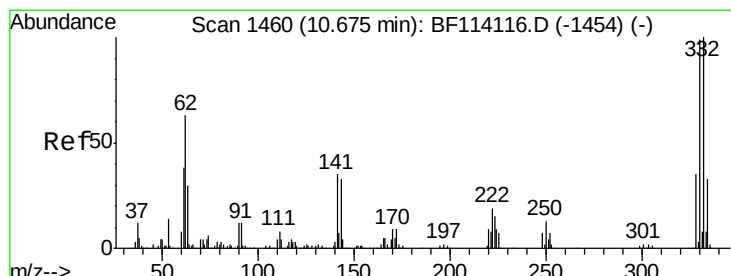
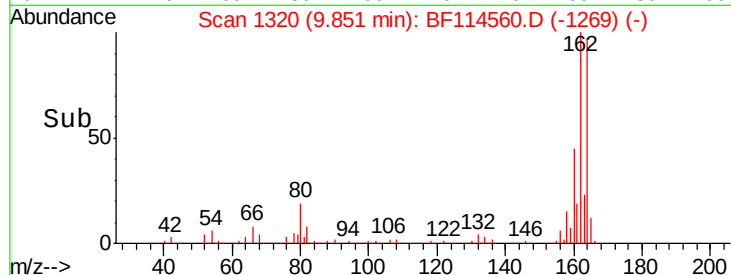
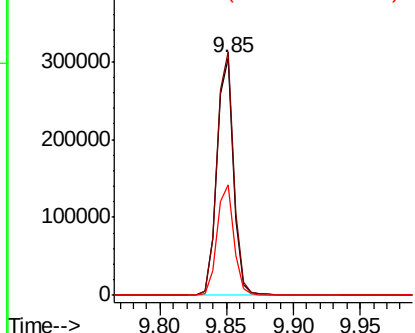
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
FESB-2(14.5-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	46.6	36.5	54.7

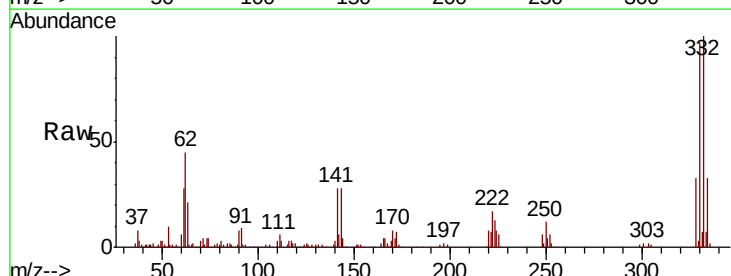


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

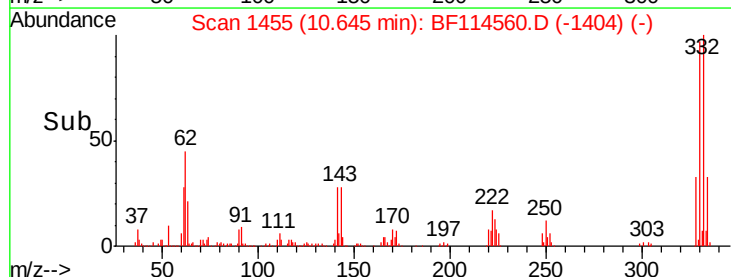
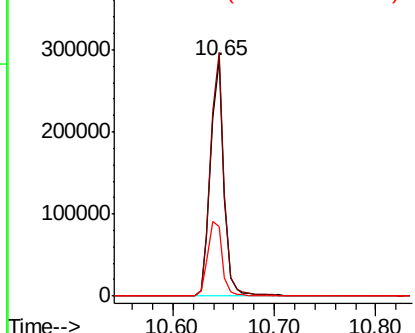


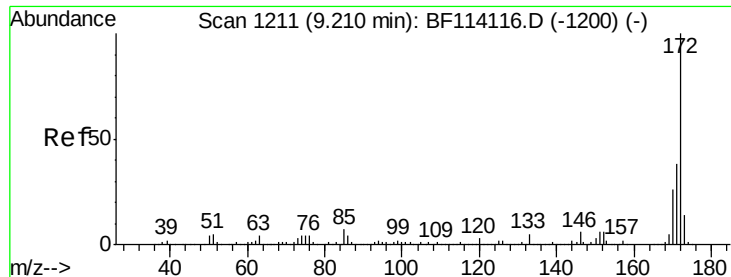
#42
2,4,6-Tribromophenol
Concen: 95.600 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.4	81.4	122.2
141	34.4	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

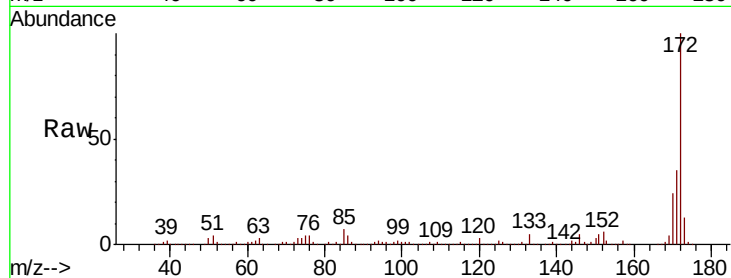




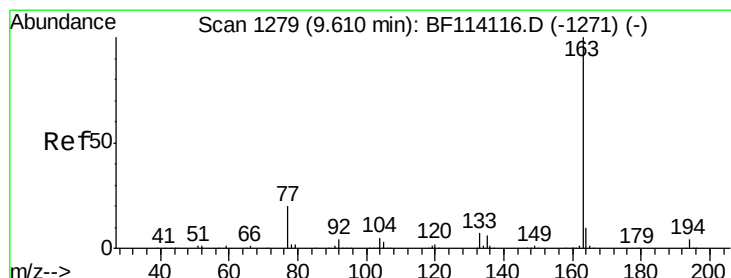
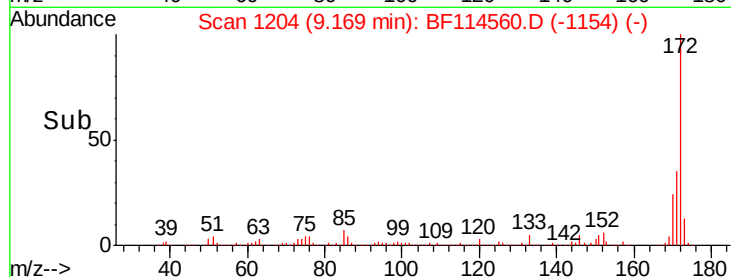
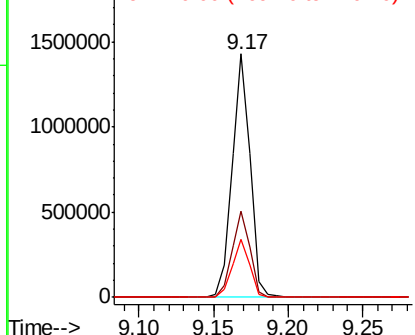
#45
2-Fluorobiphenyl
Concen: 68.591 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :
FESB-2(14.5-15)

Tot Ion:172 Resp: 1221794
Ion Ratio Lower Upper
172 100
171 35.5 30.7 46.1
170 23.8 20.5 30.7

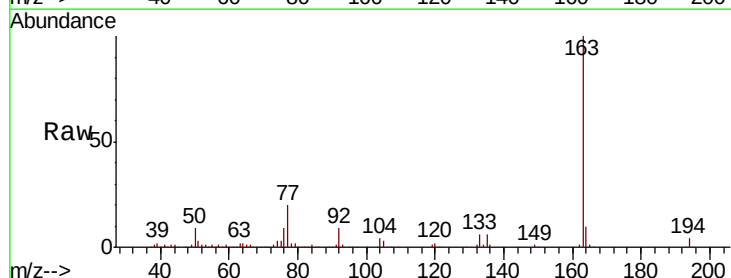


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

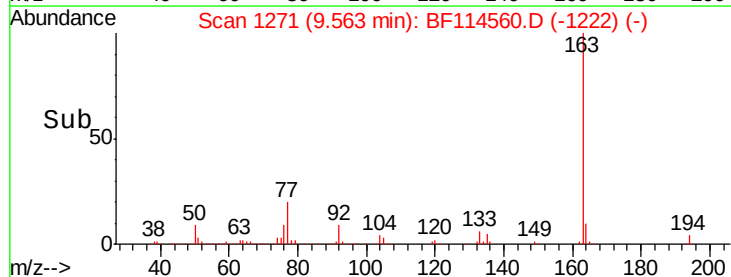
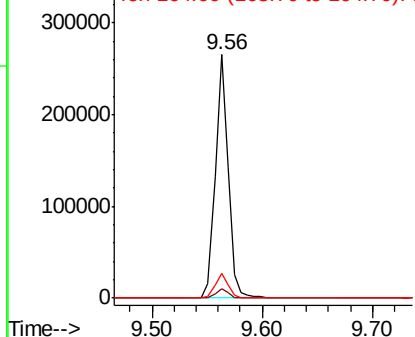


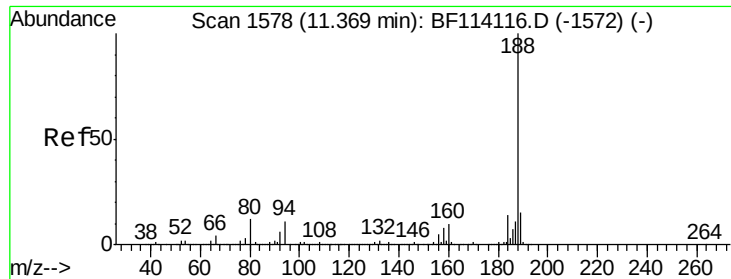
#50
Dimethylphthalate
Concen: 10.755 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Tgt Ion:163 Resp: 212736
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

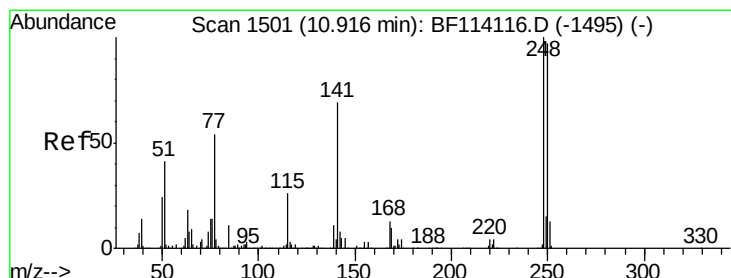
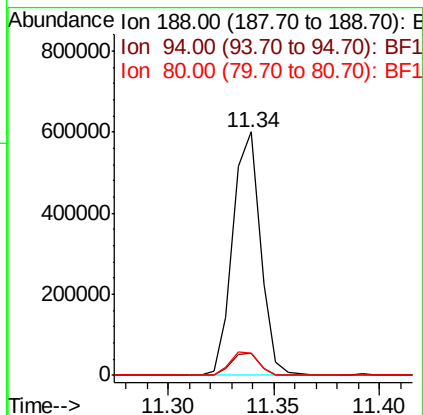
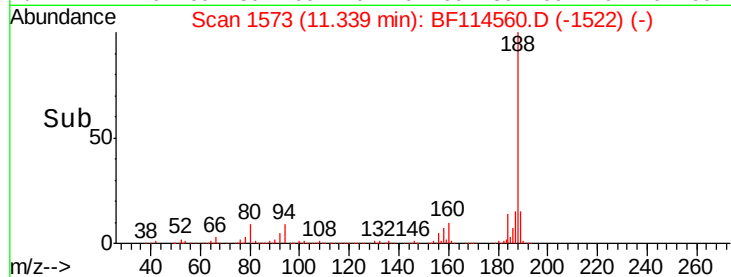
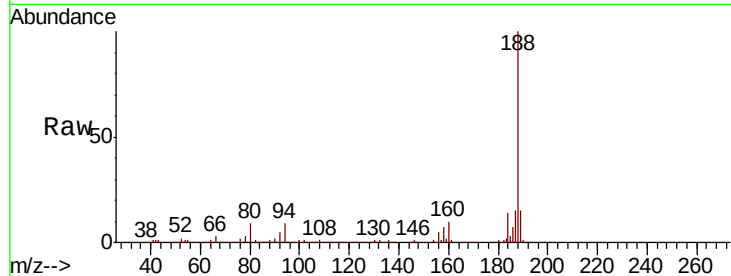
Tot Ion:188 Resp: 546387

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

80 8.9 9.2 13.8#



#67

4-Bromophenyl-phenylether

Concen: 2.913 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

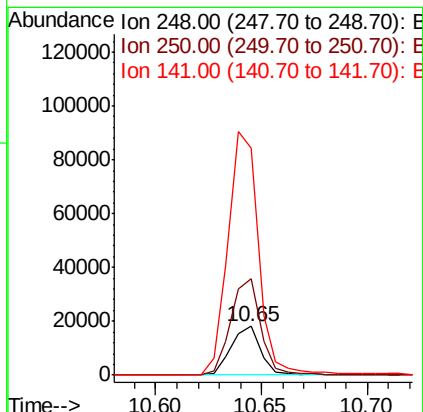
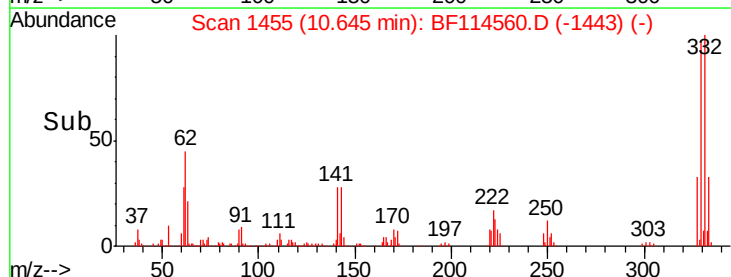
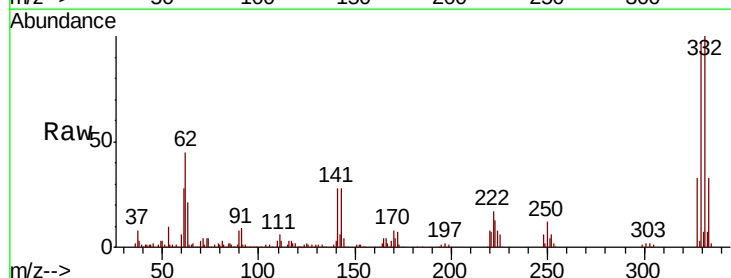
Tgt Ion:248 Resp: 17524

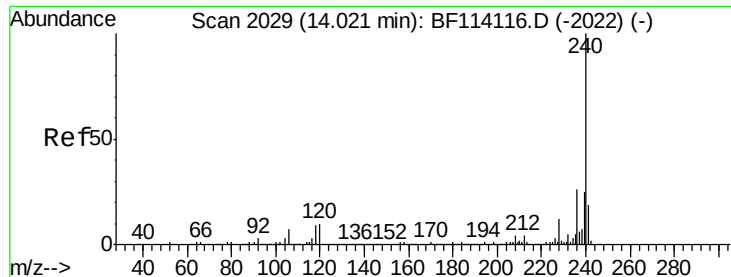
Ion Ratio Lower Upper

248 100

250 197.4 77.4 116.2#

141 462.3 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

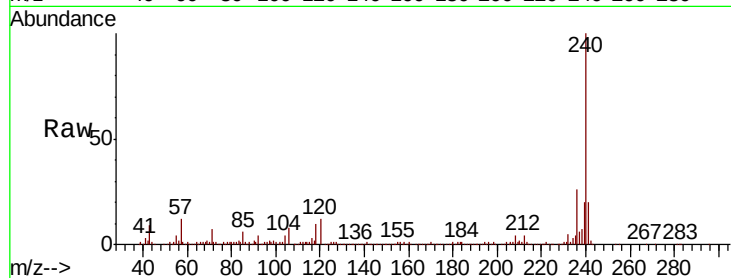
Tot Ion:240 Resp: 362677

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

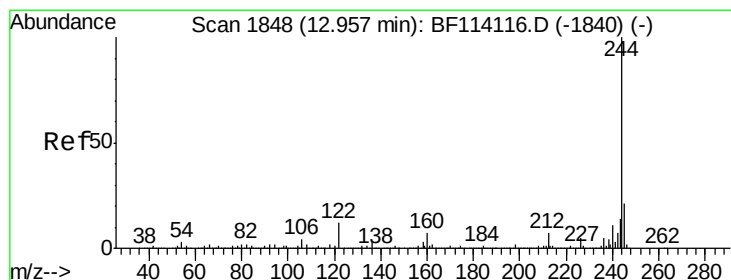
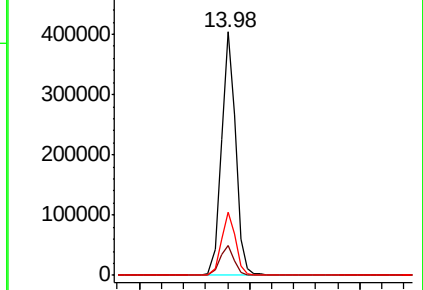
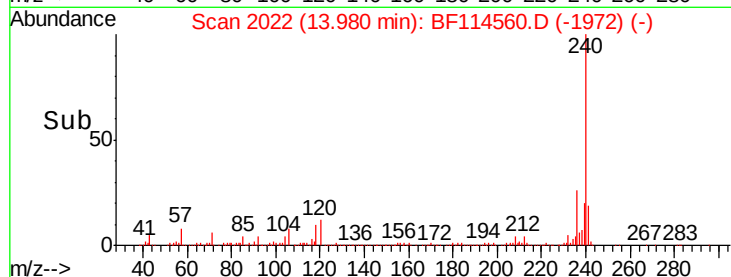
236 26.2 20.8 31.2



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: 70.221 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114560.D

Acq: 24 May 2019 10:51

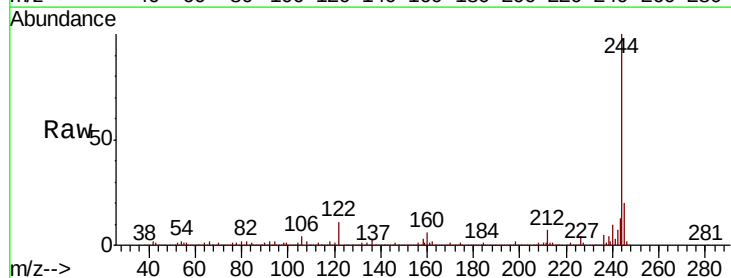
Tgt Ion:244 Resp: 1235422

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

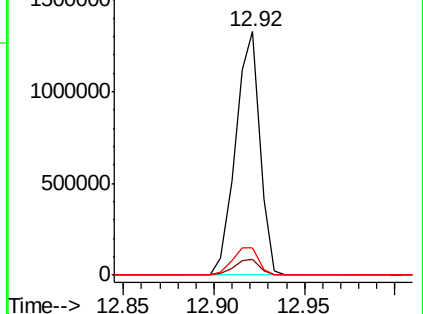
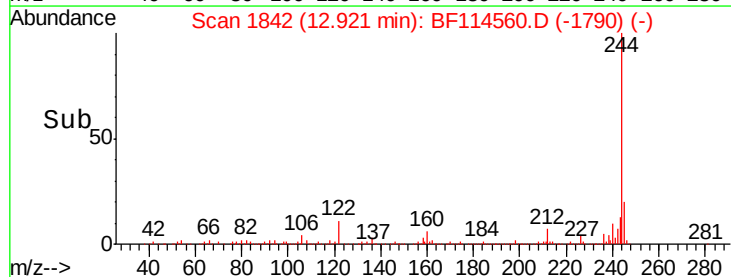
122 11.0 9.4 14.2

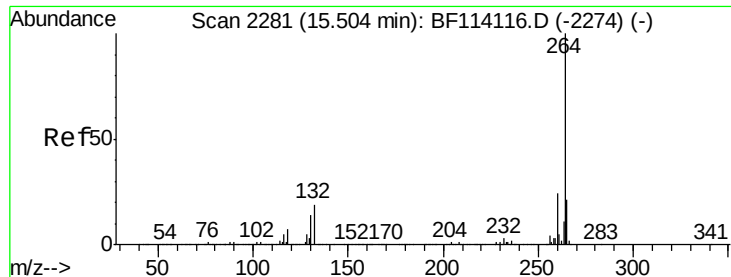


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114560.D
 Acq: 24 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 FESB-2(14.5-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	16.9	25.3

