

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 12:10:31 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

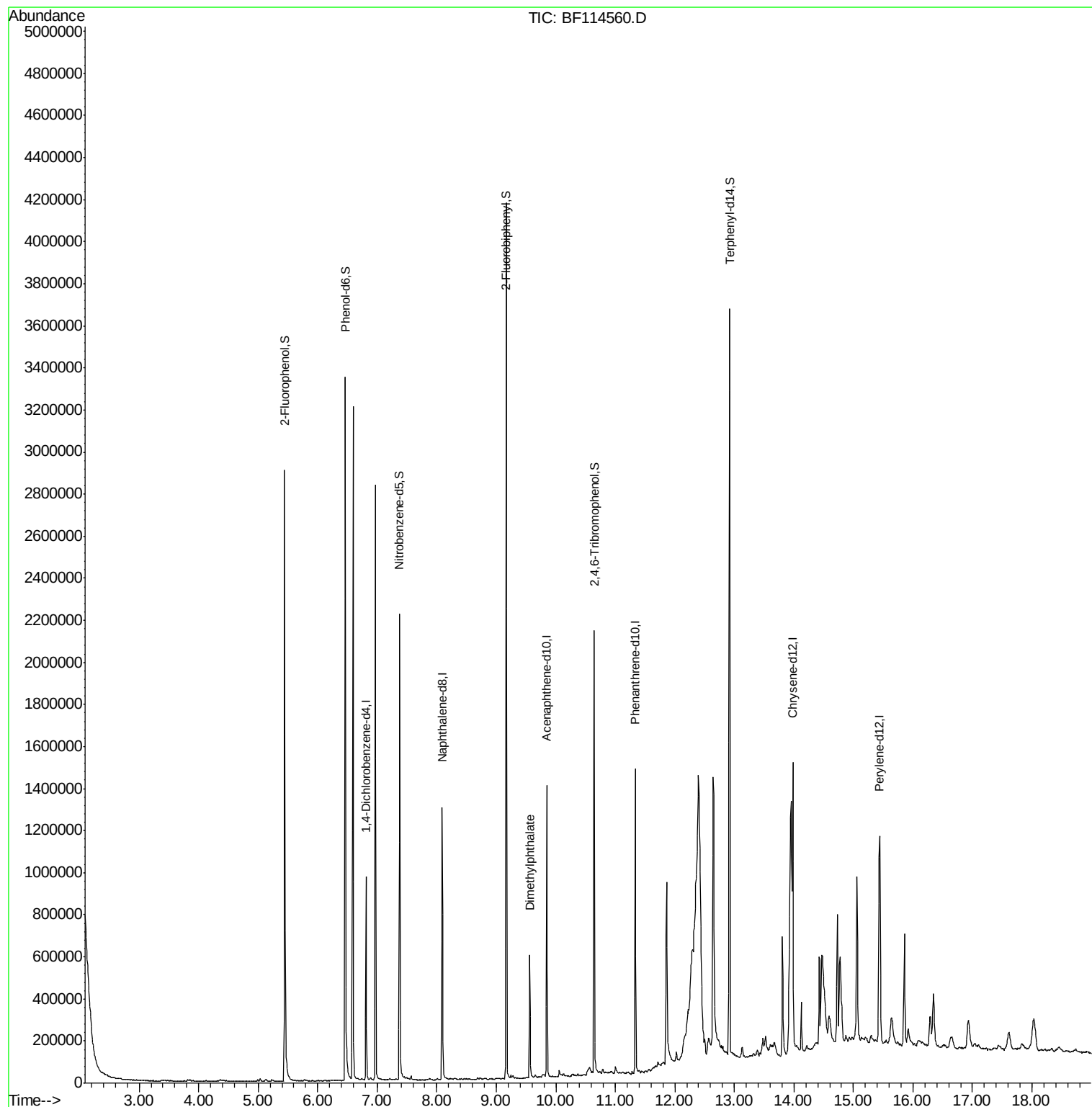
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144185	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558711	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269449	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	546387	20.00	ng	0.00
76) Chrysene-d12	13.98	240	362677	20.00	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						
50) Dimethylphthalate	9.56	163	212736	10.755	ng	Qvalue 100

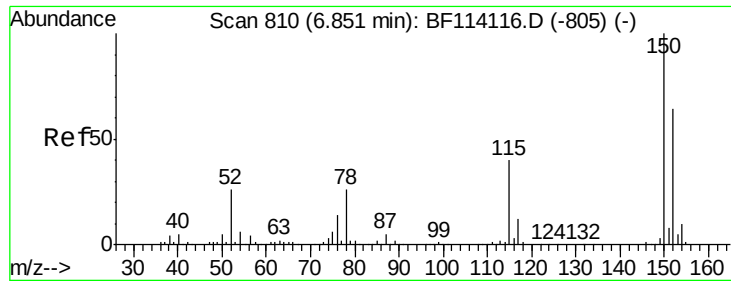
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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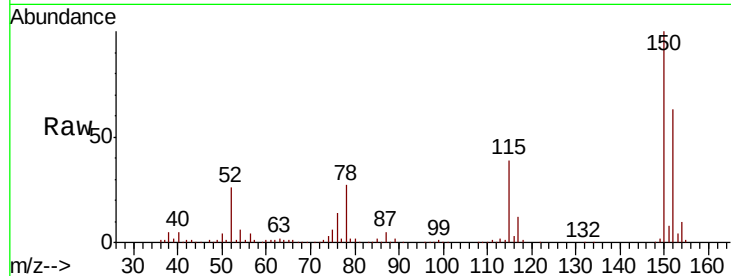


#1

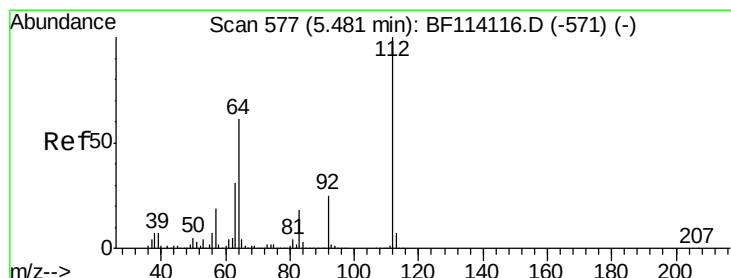
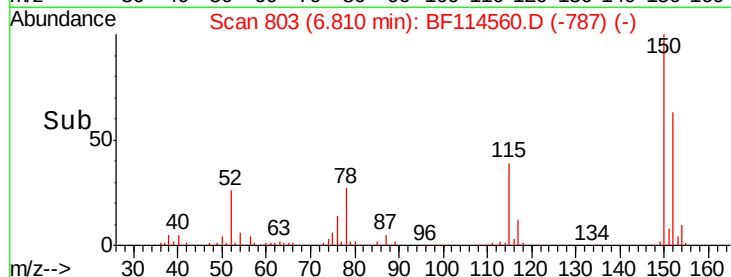
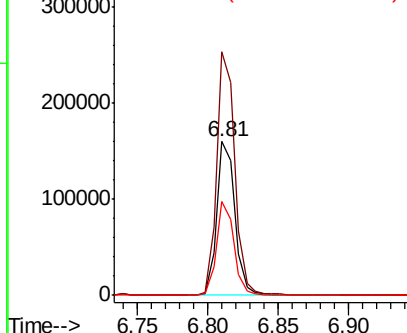
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

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

Tot Ion:152 Resp: 144185
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 61.0 49.1 73.7



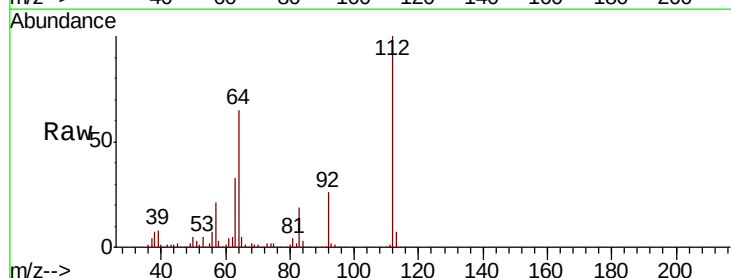
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



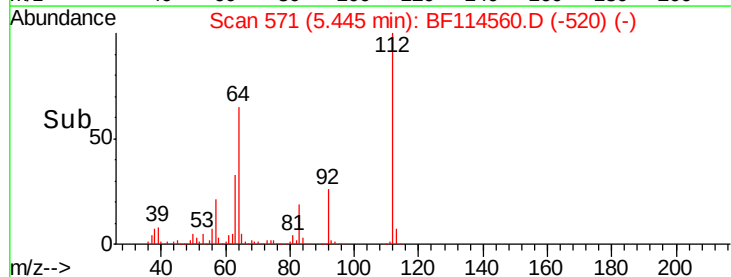
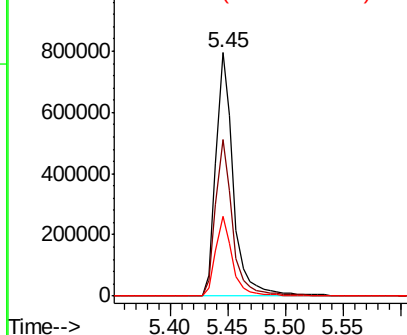
#5

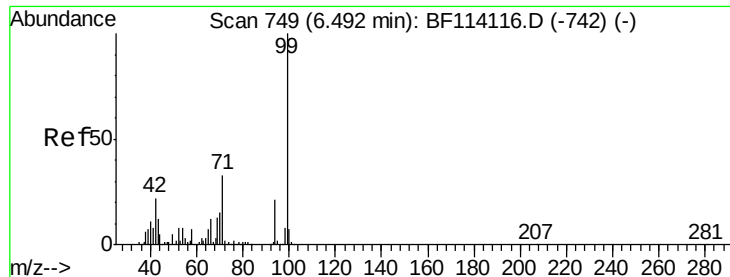
2-Fluorophenol
Concen: 93.552 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

Tgt Ion:112 Resp: 838194
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)

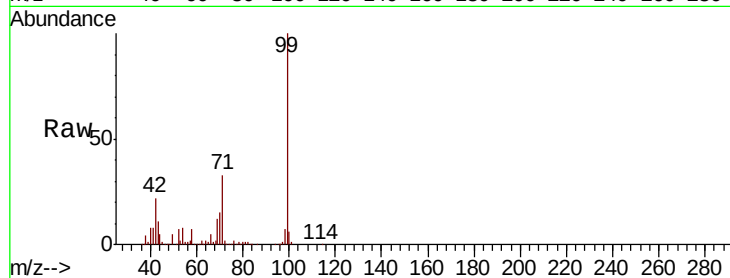
Tot Ion: 99 Resp: 1110482

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

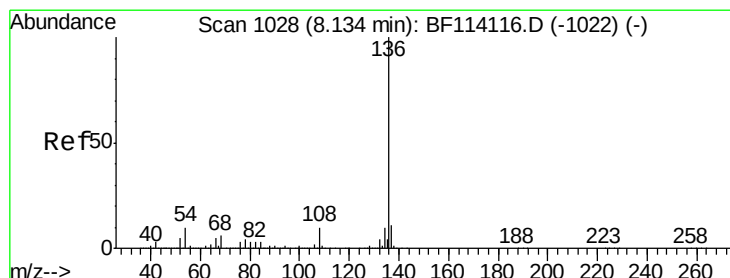
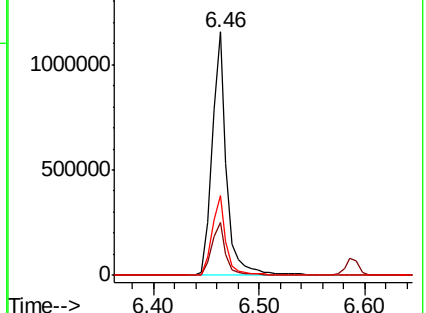
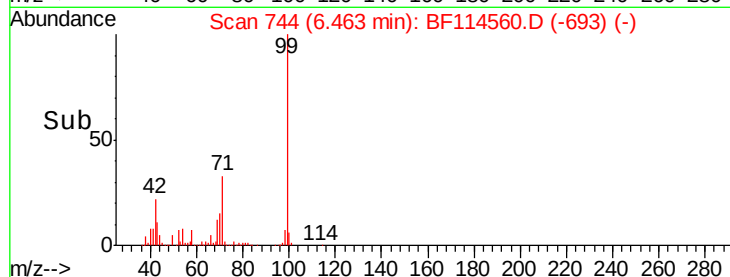
71 32.9 26.2 39.2



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



#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

Tgt Ion: 136 Resp: 558711

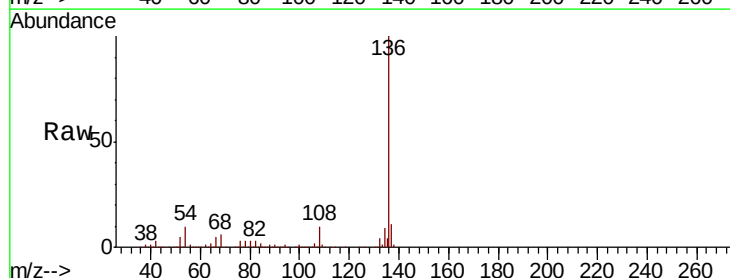
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 7.8 11.8

68 5.9 5.1 7.7

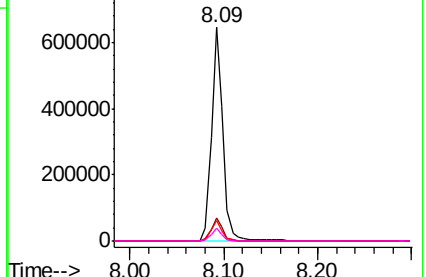
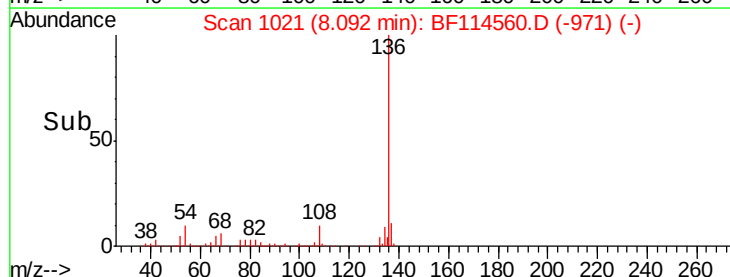


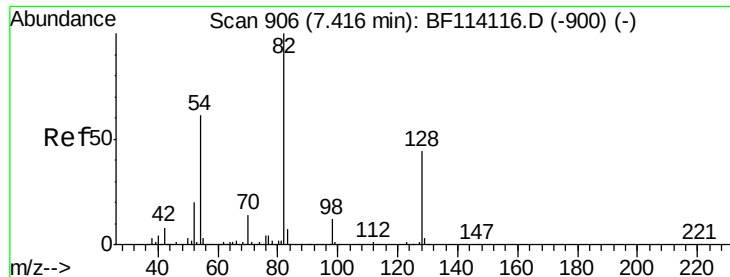
Abundance Ion 136.00 (135.70 to 136.70): E

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

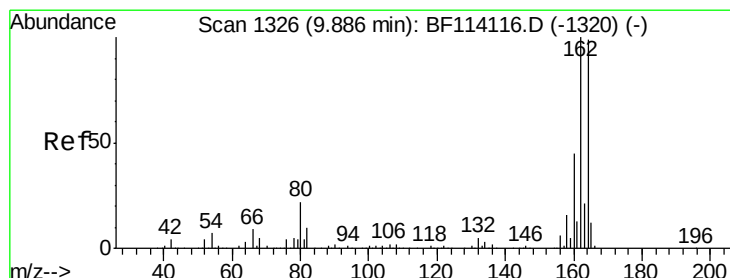
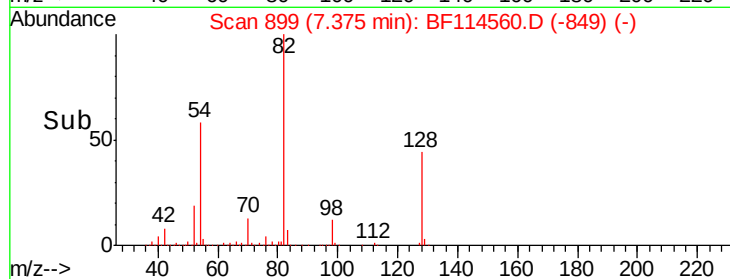
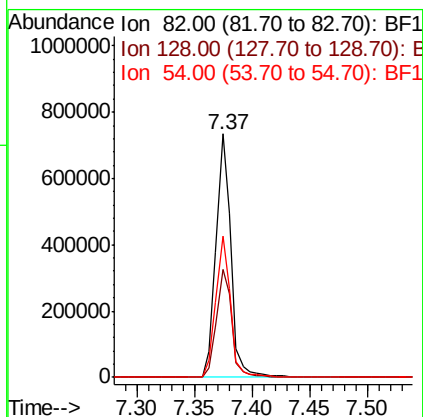
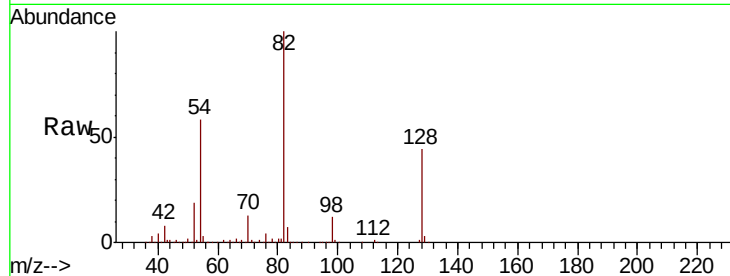




#23
Nitrobenzene-d5
Concen: 66.495 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114560.D
Acq: 24 May 2019 10:51

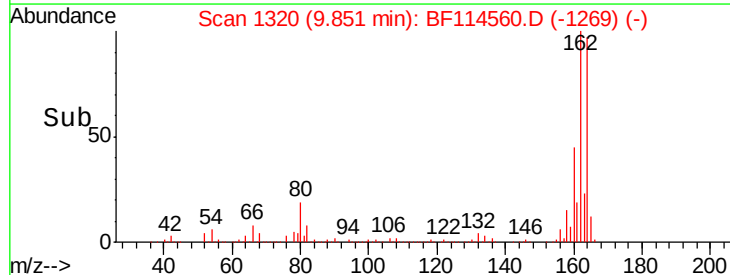
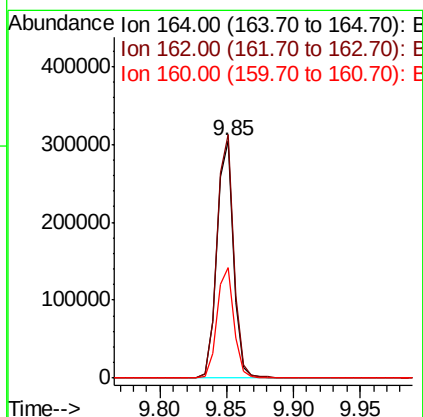
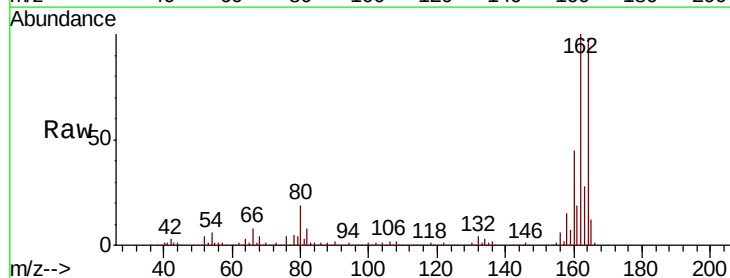
Instrument :
BNA_F
ClientSampleId :
FESB-2(14.5-15)

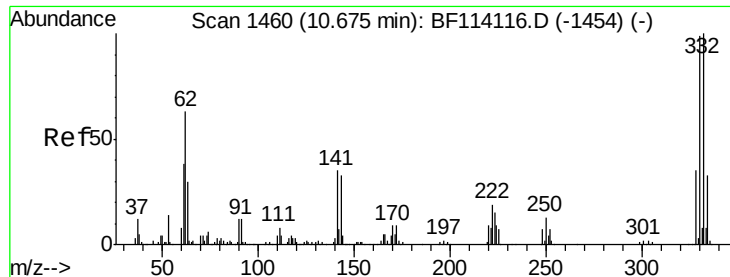
Tot Ion	82	Resp	662003
Ion Ratio	100		
Lower			
Upper			
128	44.2	35.5	53.3
54	58.2	48.5	72.7



#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

Tgt Ion	164	Resp	269449
Ion Ratio	100		
Lower			
Upper			
162	102.4	80.6	120.8
160	46.6	36.5	54.7





#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

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

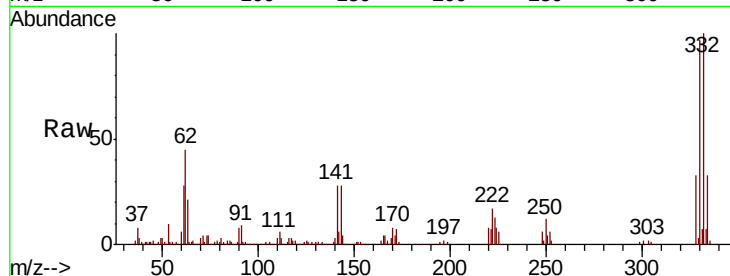
Tot Ion:330 Resp: 266308

Ion Ratio Lower Upper

330 100

332 103.4 81.4 122.2

141 34.4 26.6 40.0

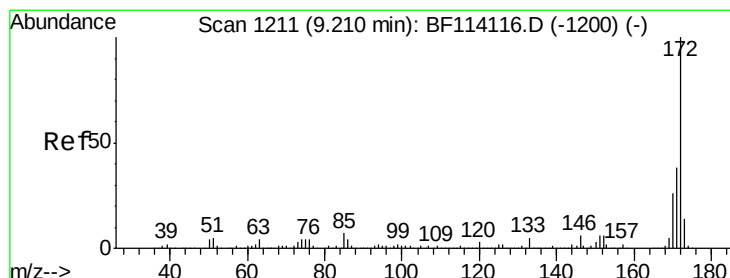
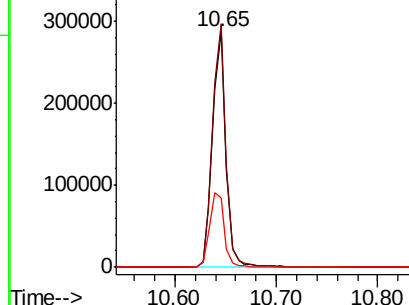
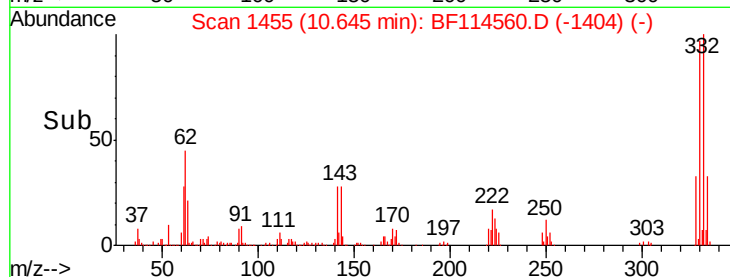


Abundance

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

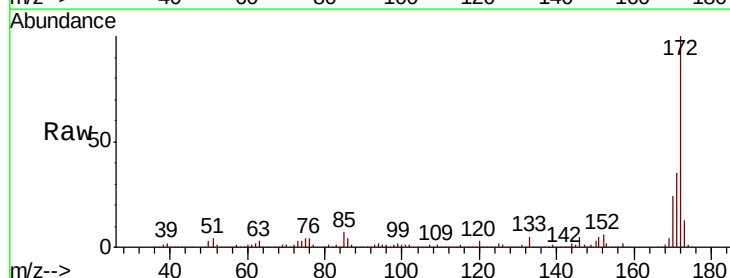
Tgt Ion:172 Resp: 1221794

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

170 23.8 20.5 30.7

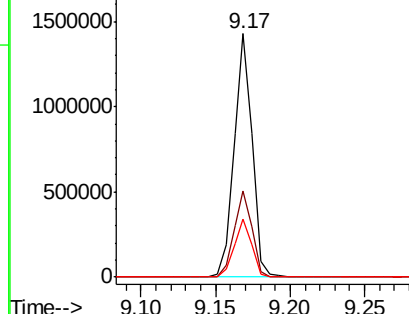
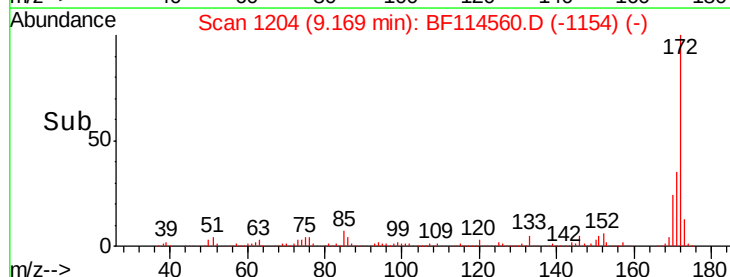


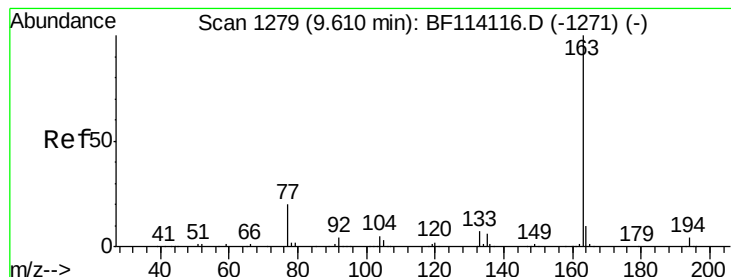
Abundance

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

Instrument :

BNA_F

ClientSampleId :

FESB-2(14.5-15)

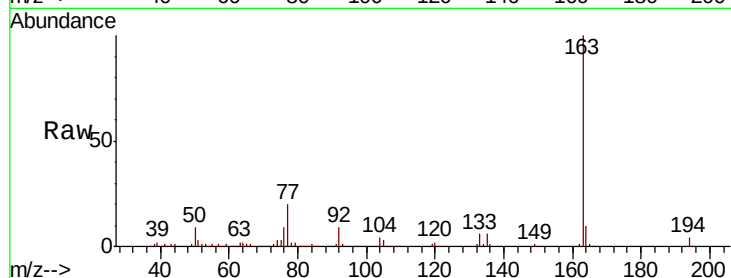
Tot Ion:163 Resp: 212736

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

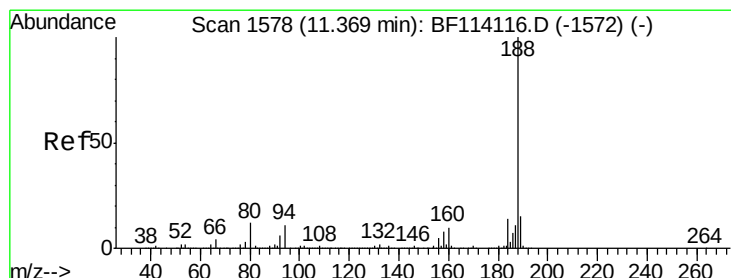
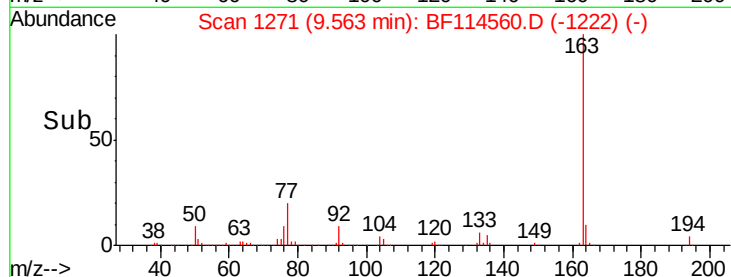
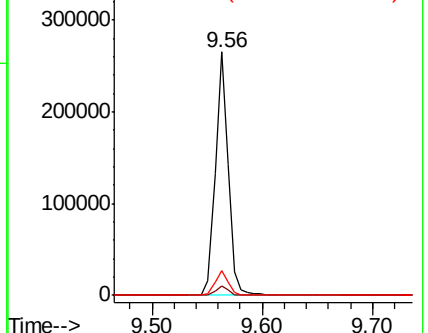
164 10.1 8.2 12.2



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

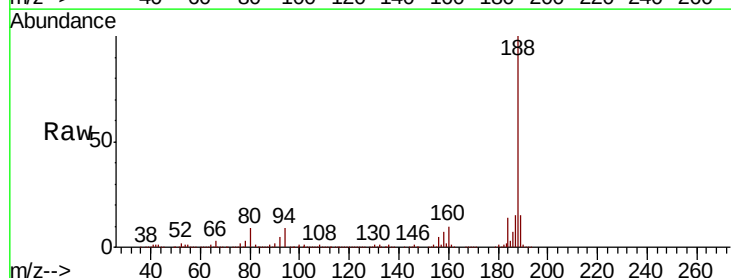
Tgt Ion:188 Resp: 546387

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

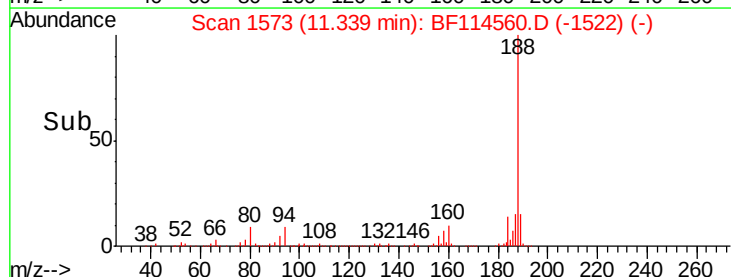
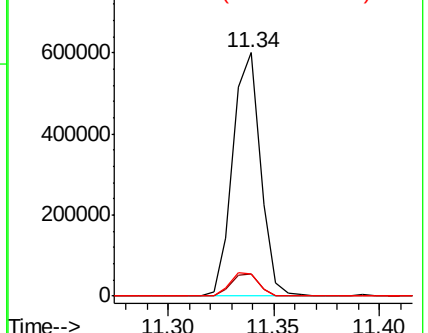
80 8.9 9.2 13.8#

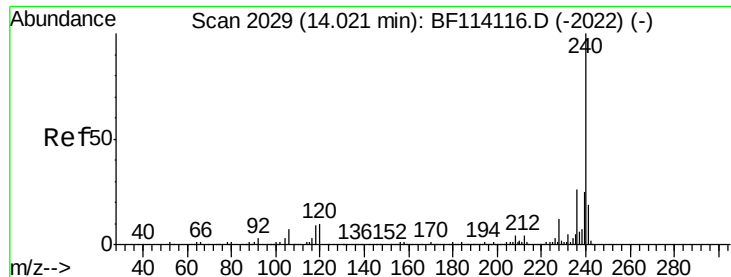


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

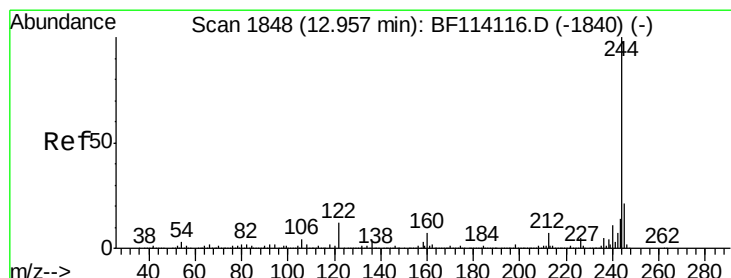
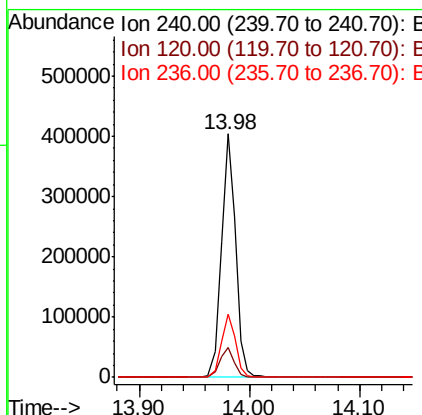
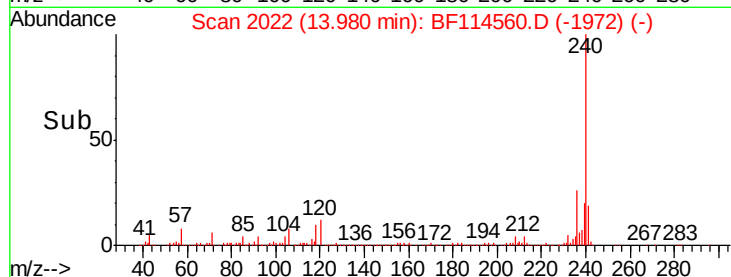
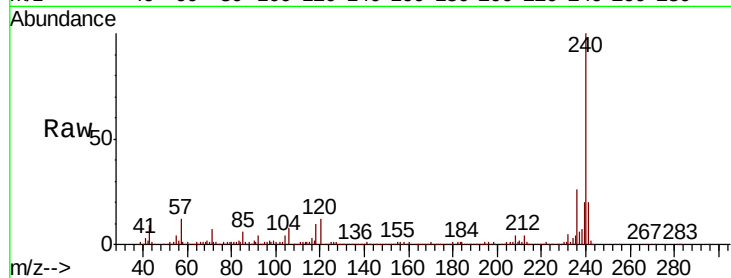




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114560.D
 Acq: 24 May 2019 10:51

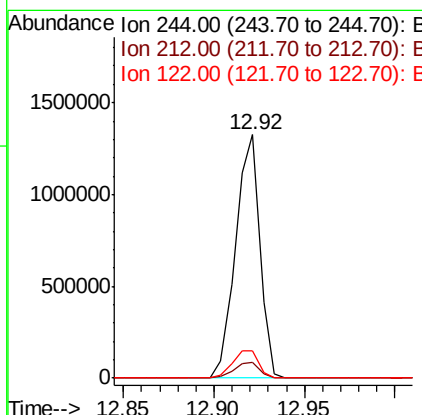
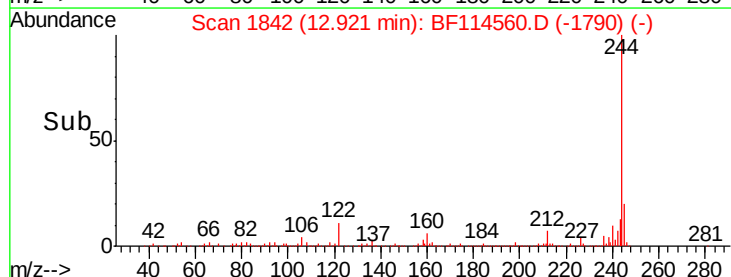
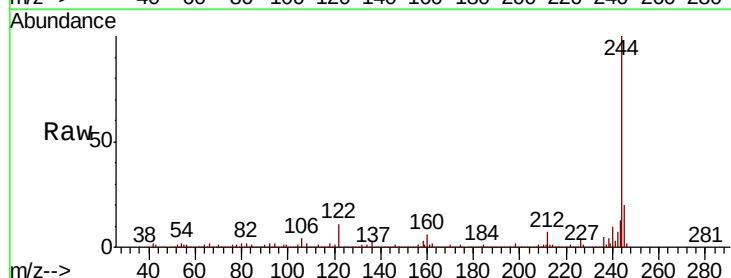
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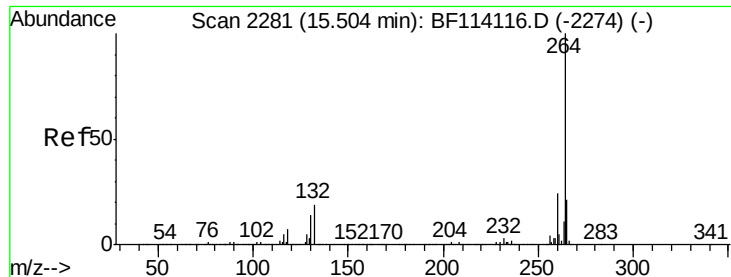
Tot Ion:240 Resp: 362677
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 26.2 20.8 31.2



#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





#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

