

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114566.D
 Acq On : 24 May 2019 13:30
 Operator : JU/SJ
 Sample : K2944-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-4(5-5.5)

Quant Time: May 24 22:44:07 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

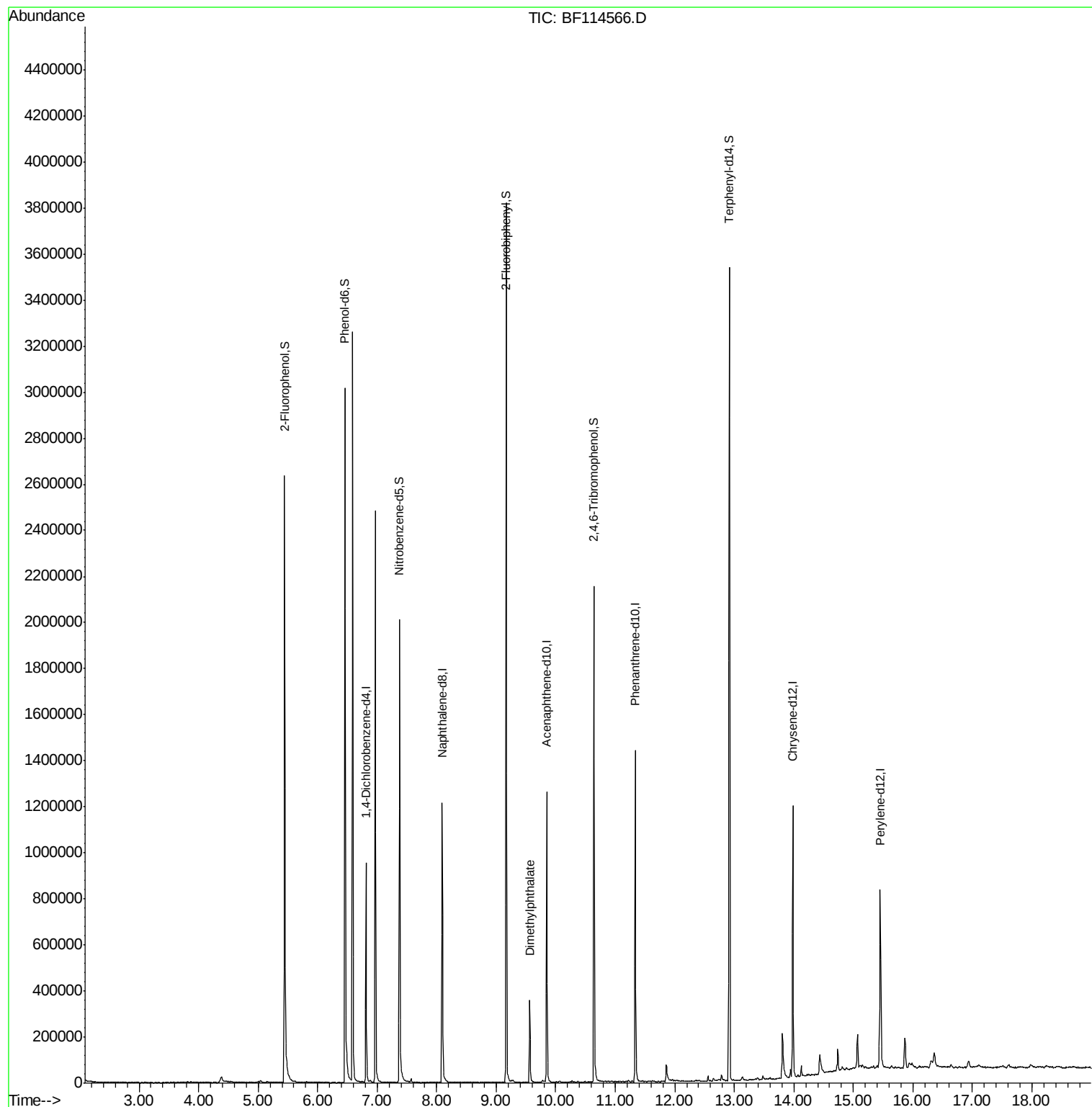
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144736	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	563337	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269352	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	557995	20.00	ng	0.00
76) Chrysene-d12	13.98	240	394267	20.00	ng	0.00
87) Perylene-d12	15.46	264	394135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	800363	88.99	ng	0.00
7) Phenol-d6	6.46	99	1054542	99.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	622122	61.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	255086	91.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1123231	63.08	ng	0.00
79) Terphenyl-d14	12.92	244	1217389	63.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	141285	7.145	ng	Qvalue 99

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

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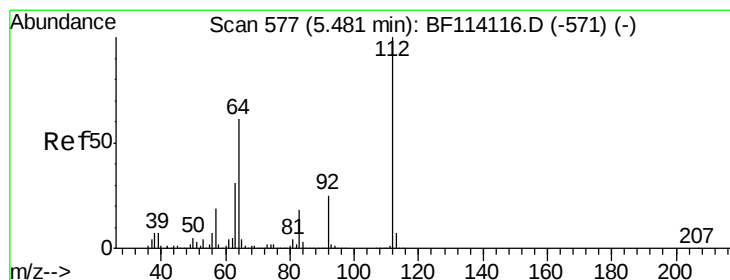
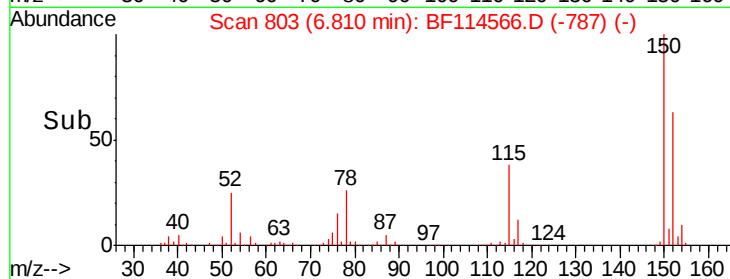
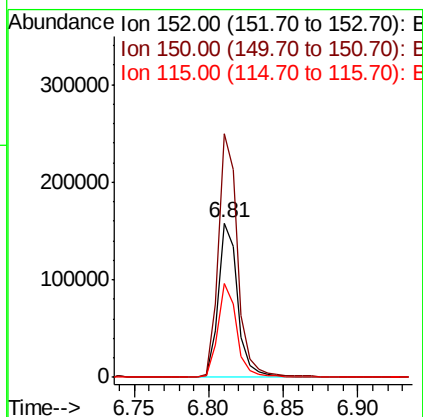
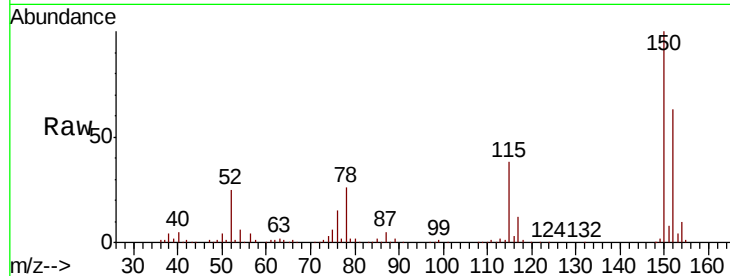


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

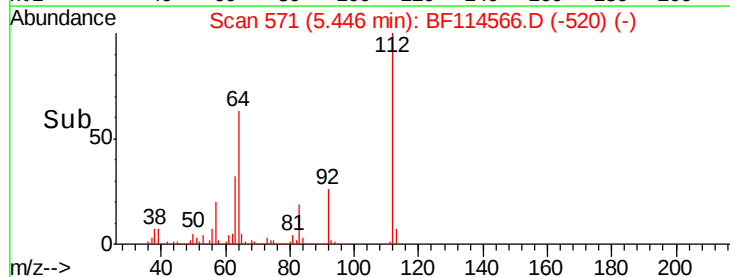
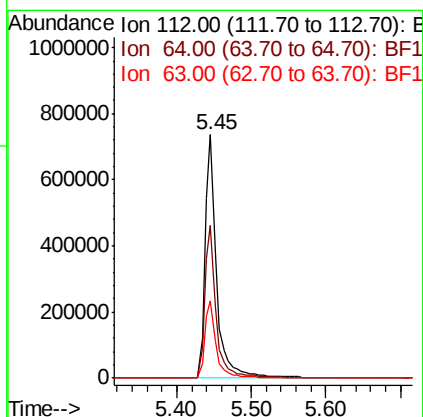
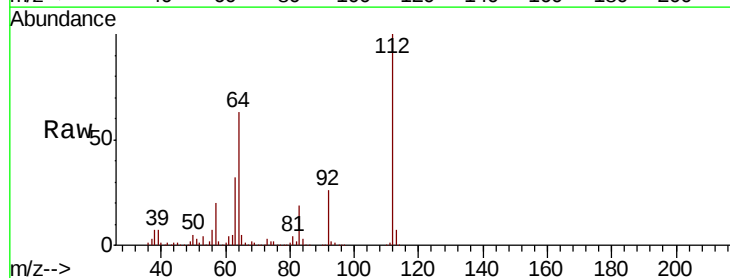
Tot Ion:152 Resp: 144736
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 60.7 49.1 73.7



#5

2-Fluorophenol
Concen: 88.989 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Tgt Ion:112 Resp: 800363
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.6
63 32.0 24.6 37.0





#7

Phenol-d6

Concen: 99.135 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

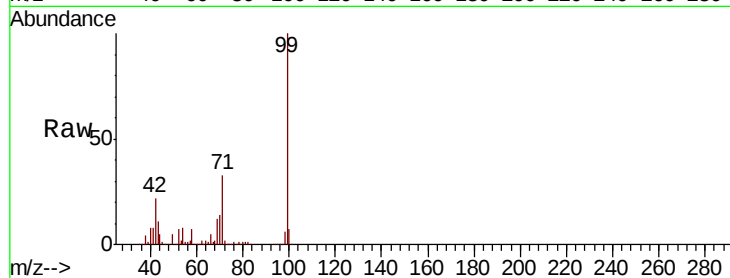
Tot Ion: 99 Resp: 1054542

Ion Ratio Lower Upper

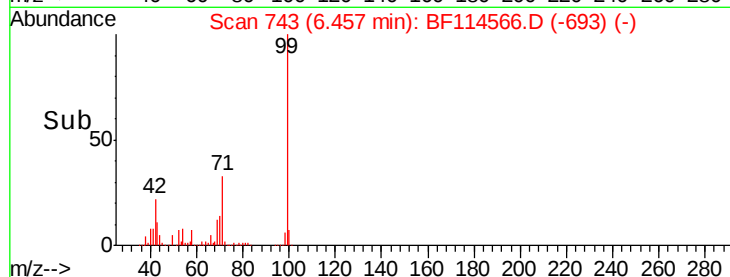
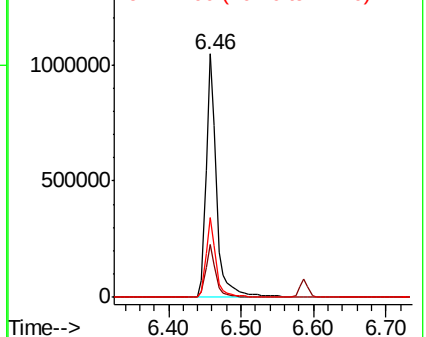
99 100

42 22.0 17.9 26.9

71 32.7 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: BF114566.D

Acq: 24 May 2019 13:30

Tgt Ion: 136 Resp: 563337

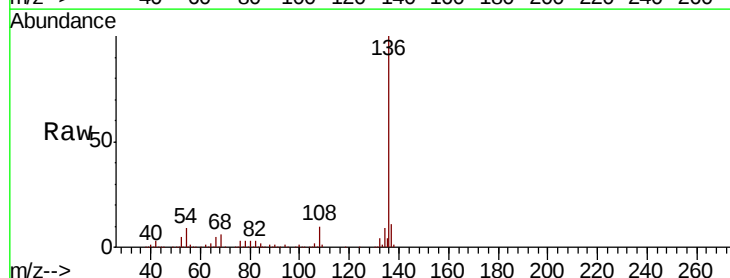
Ion Ratio Lower Upper

136 100

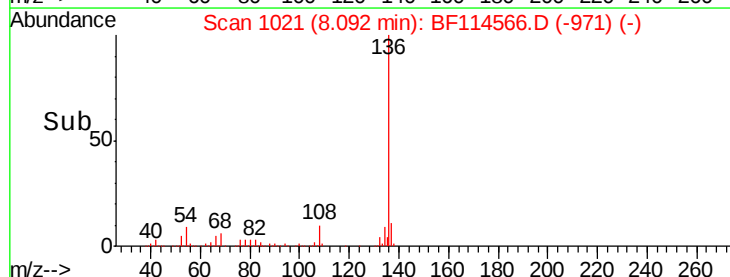
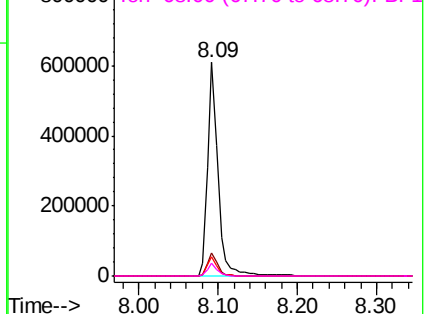
137 10.8 8.8 13.2

54 9.1 7.8 11.8

68 5.8 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

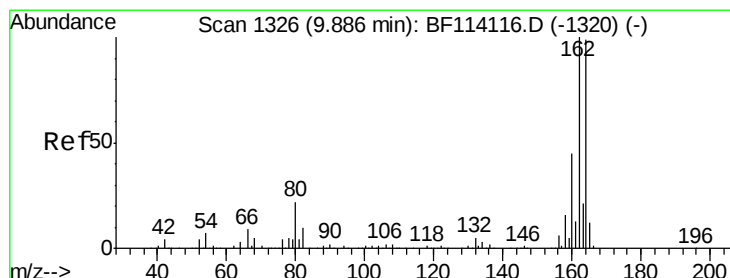
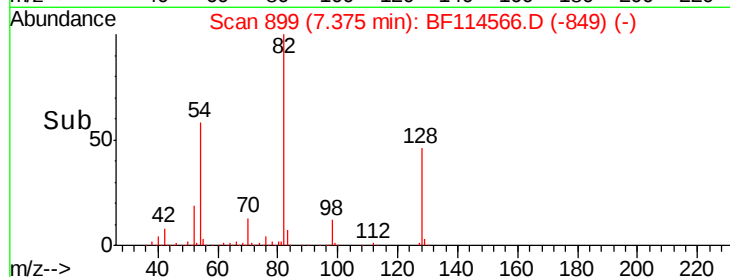
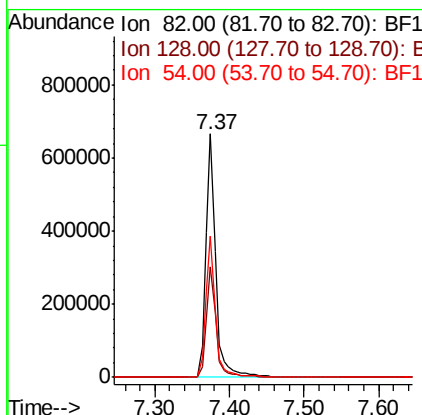
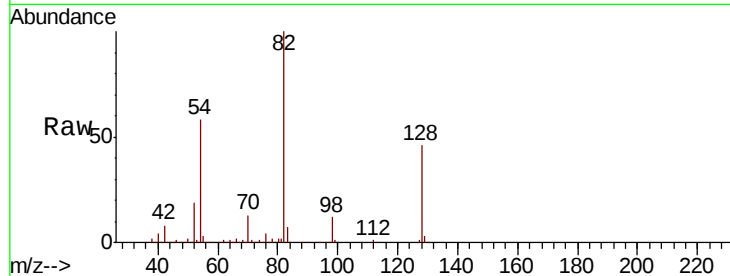




#23
 Nitrobenzene-d5
 Concen: 61.976 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114566.D
 Acq: 24 May 2019 13:30

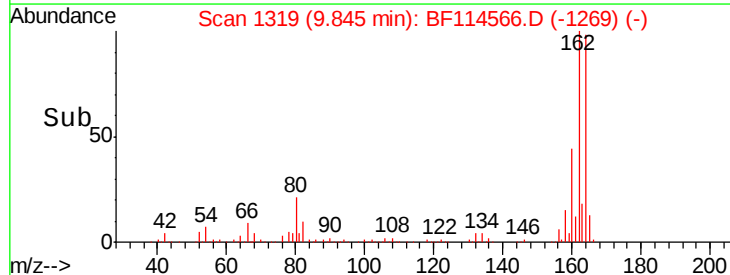
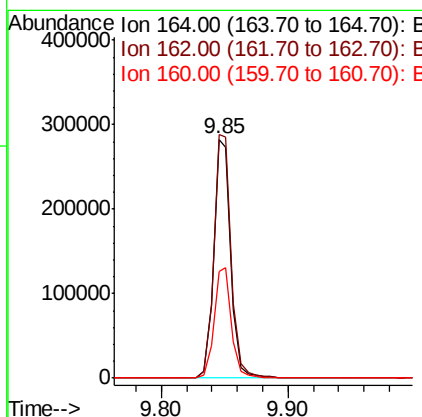
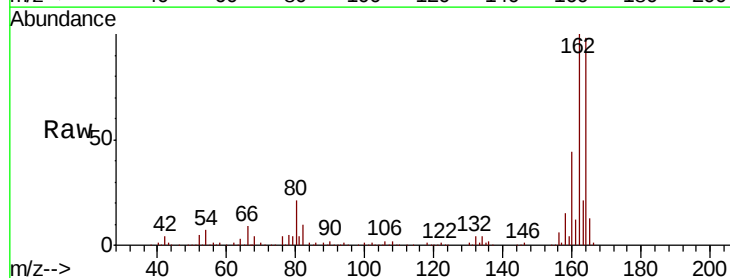
Instrument :
 BNA_F
 ClientSampleId :
 FESB-4(5-5.5)

Tot Ion	82	Resp	622122
Ion Ratio	100	Lower	Upper
128	45.6	35.5	53.3
54	57.8	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114566.D
 Acq: 24 May 2019 13:30

Tgt Ion	164	Resp	269352
Ion Ratio	100	Lower	Upper
162	101.8	80.6	120.8
160	44.6	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 91.604 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

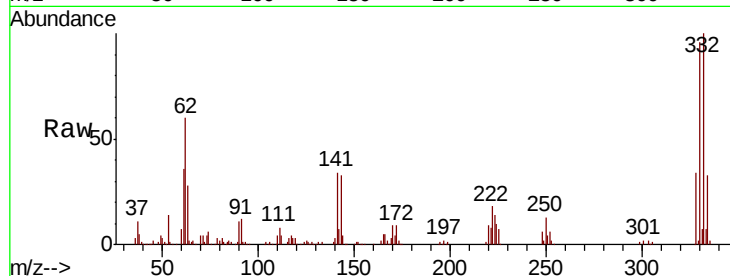
Tot Ion:330 Resp: 255086

Ion Ratio Lower Upper

330 100

332 103.5 81.4 122.2

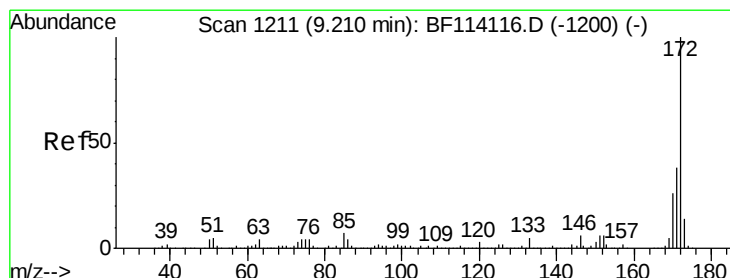
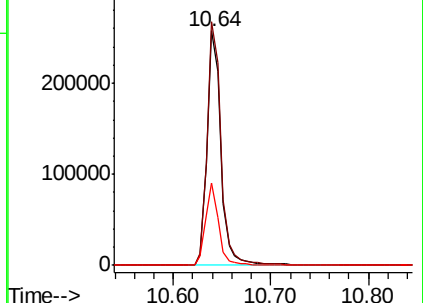
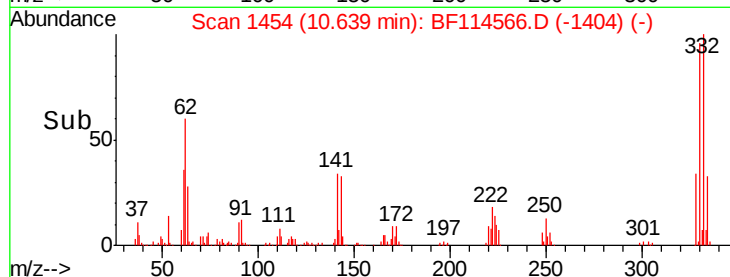
141 33.1 26.6 40.0



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: 63.080 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

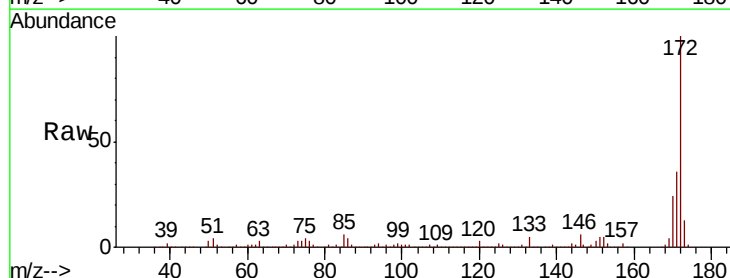
Tgt Ion:172 Resp: 1123231

Ion Ratio Lower Upper

172 100

171 35.8 30.7 46.1

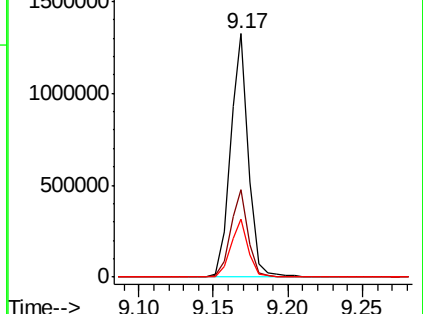
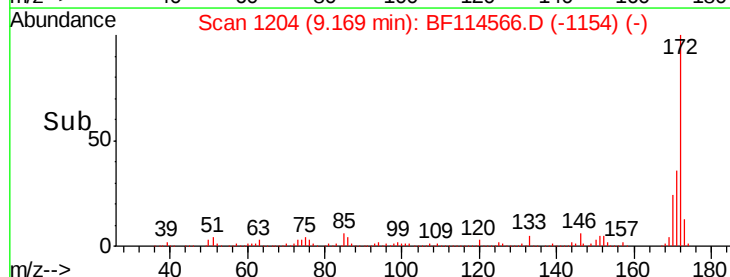
170 23.9 20.5 30.7

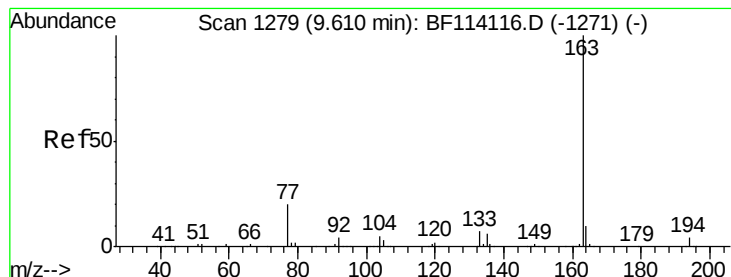


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.145 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

Instrument :

BNA_F

ClientSampleId :

FESB-4(5-5.5)

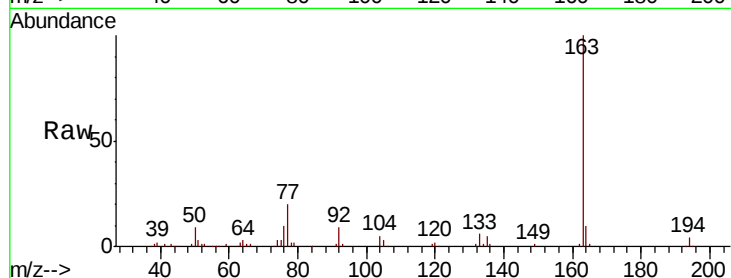
Tot Ion:163 Resp: 141285

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

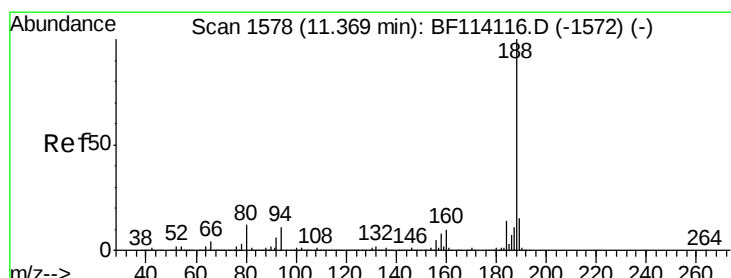
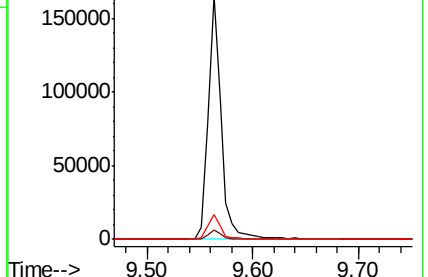
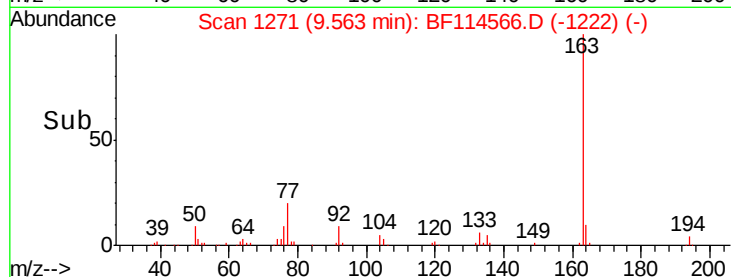
164 10.3 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114566.D

Acq: 24 May 2019 13:30

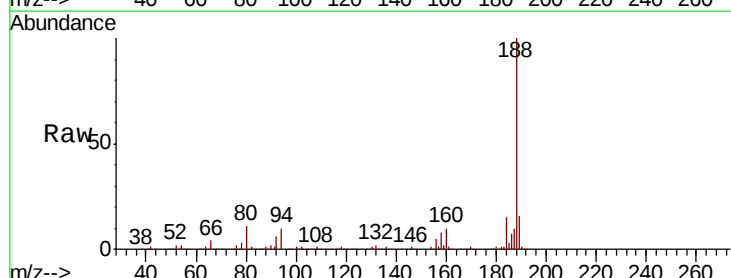
Tgt Ion:188 Resp: 557995

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

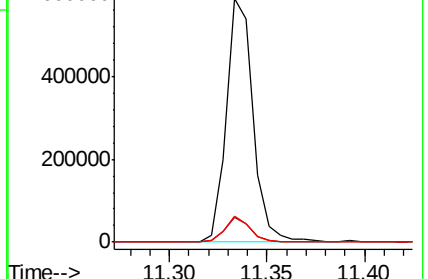
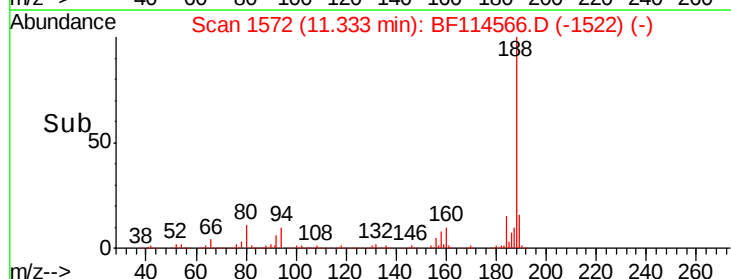
80 10.8 9.2 13.8

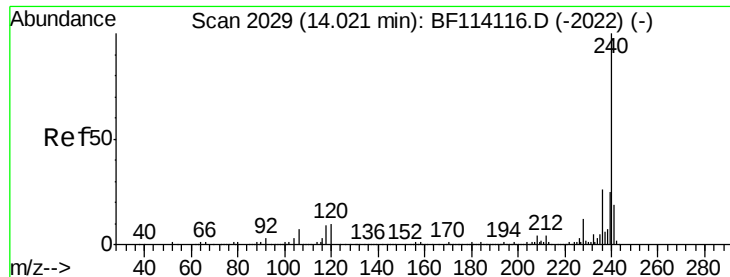


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

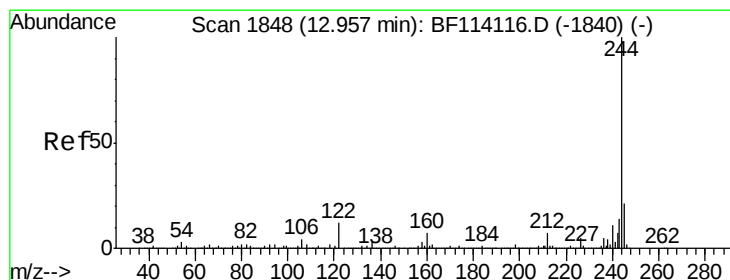
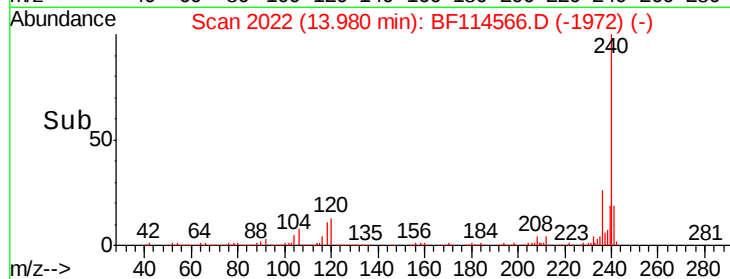
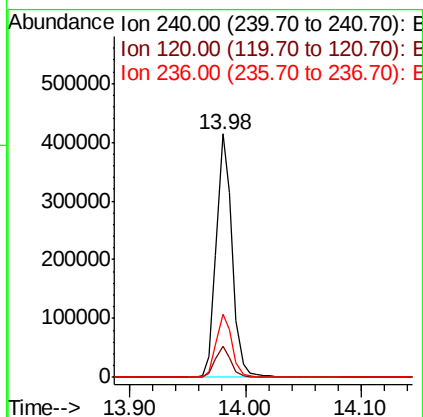
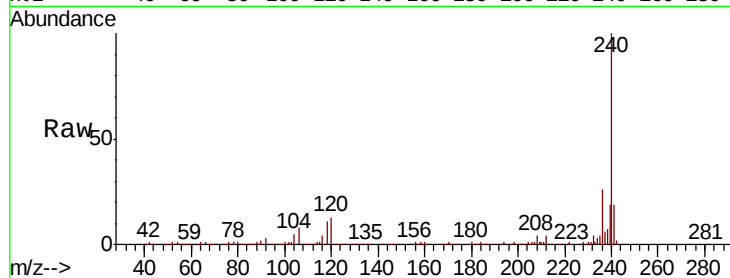




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114566.D
 Acq: 24 May 2019 13:30

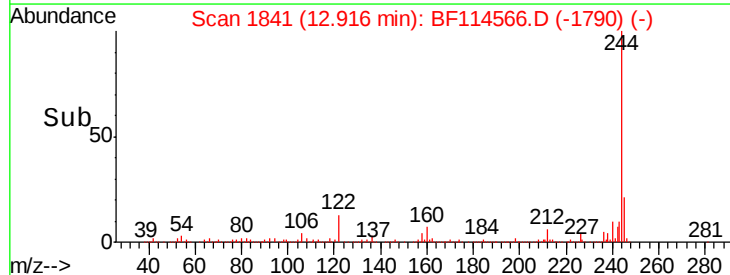
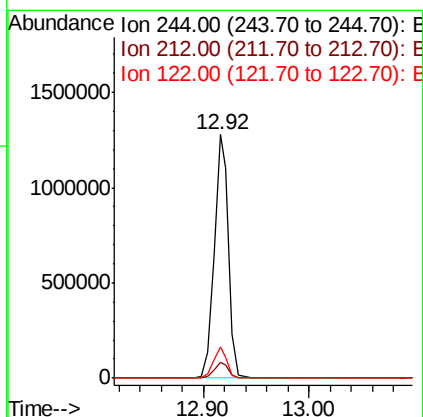
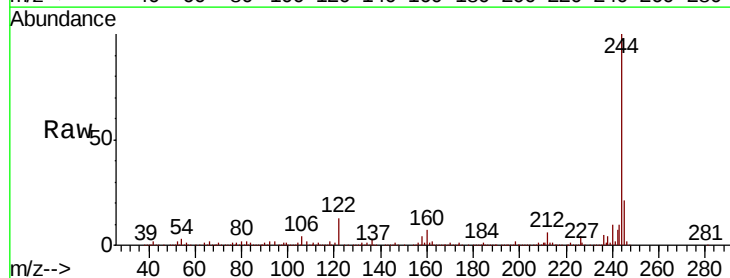
Instrument :
 BNA_F
 ClientSampleId :
 FESB-4(5-5.5)

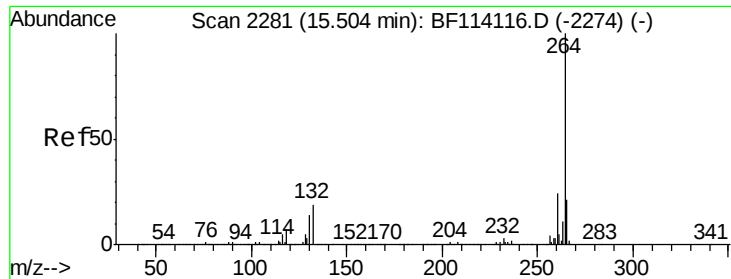
Tot Ion:240 Resp: 394267
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.3 12.5#
 236 25.8 20.8 31.2



#79
 Terphenyl-d14
 Concen: 63.651 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114566.D
 Acq: 24 May 2019 13:30

Tgt Ion:244 Resp: 1217389
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 12.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114566.D
Acq: 24 May 2019 13:30

Instrument :
BNA_F
ClientSampleId :
FESB-4(5-5.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.3	16.9	25.3

