

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114714.D
 Acq On : 31 May 2019 17:50
 Operator : HP/JU
 Sample : K3066-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-27(3.5-4)

Quant Time: Jun 01 00:25:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	335225	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1256674	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	636210	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1272970	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1044941	20.00	ng	0.00
87) Perylene-d12	15.20	264	945733	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2337510	122.42	ng	0.01
7) Phenol-d6	6.33	99	2819647	122.55	ng	0.00
23) Nitrobenzene-d5	7.26	82	1769071	87.83	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	733597	121.01	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2723345	79.35	ng	0.00
79) Terphenyl-d14	12.78	244	2977347	53.57	ng	0.00

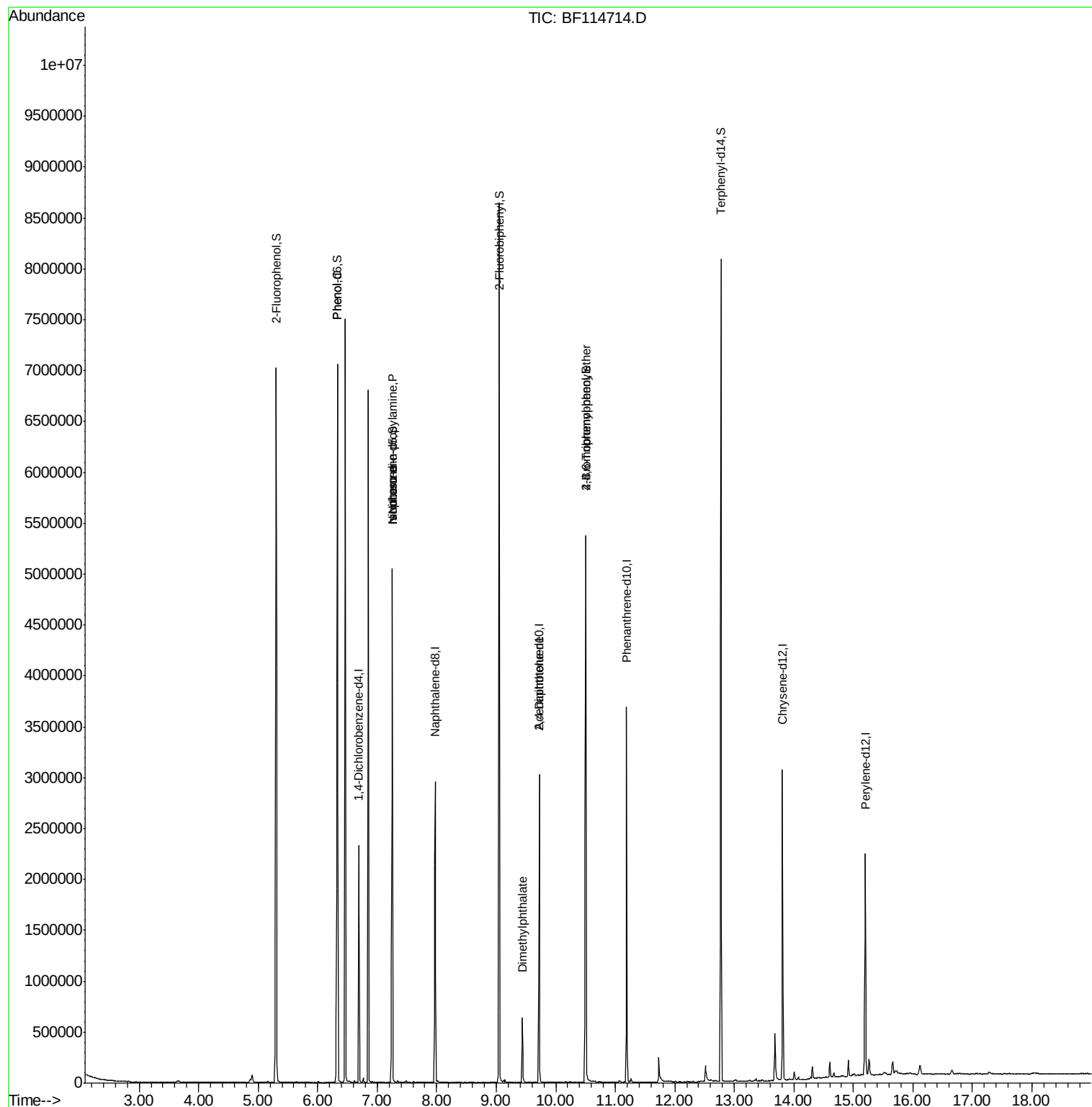
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	5440	Below Cal	#	1
10) Phenol	6.34	94	88461	3.183	ng	74
19) n-Nitroso-di-n-propylamine	7.26	70	240648	15.153	ng	74
25) Isophorone	7.26	82	1730075	42.799	ng	63
50) Dimethylphthalate	9.44	163	244491	5.515	ng	98
57) 2,4-Dinitrotoluene	9.72	165	79682	6.027	ng	23
58) Fluorene	10.50	166	32408	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.50	248	46798	3.428	ng	1
74) Di-n-butylphthalate	11.76	149	5854	Below Cal		99

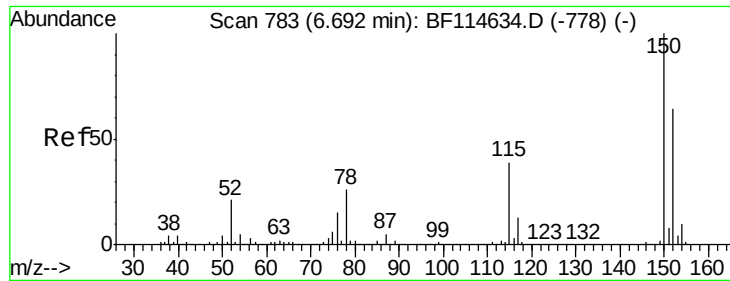
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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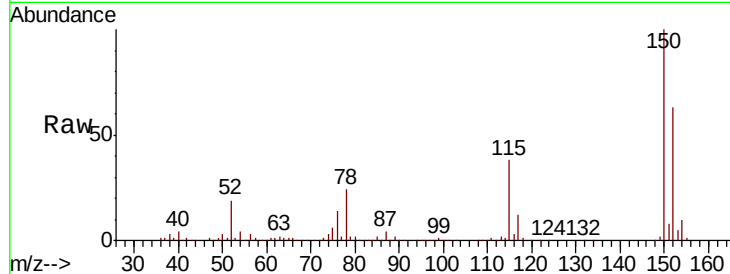


#1

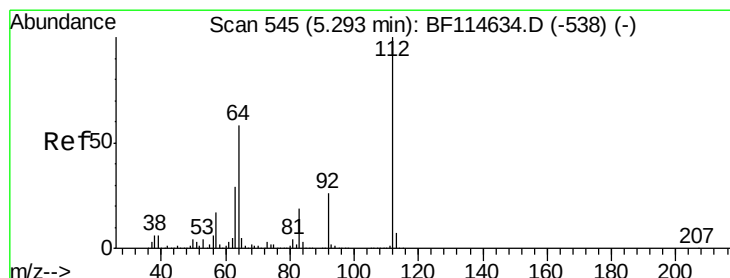
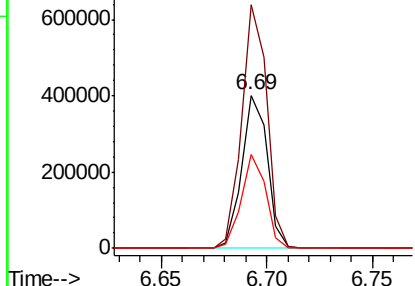
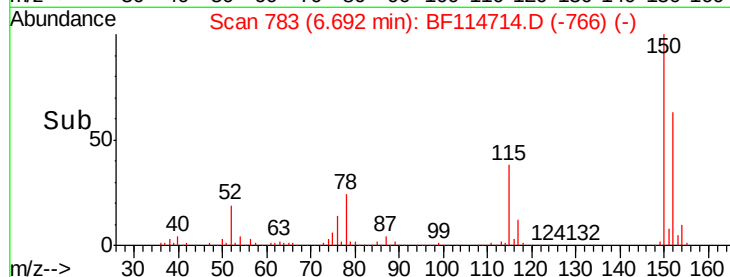
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FESB-27(3.5-4)

Tgt Ion:152 Resp: 335225
Ion Ratio Lower Upper
152 100
150 158.8 124.4 186.6
115 61.0 48.7 73.1



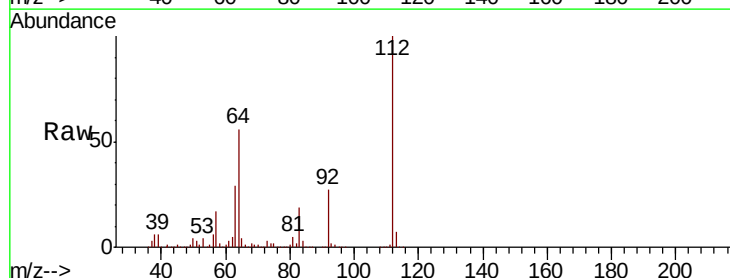
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



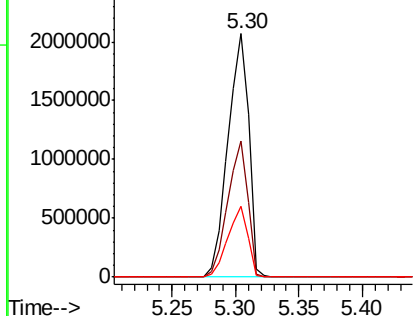
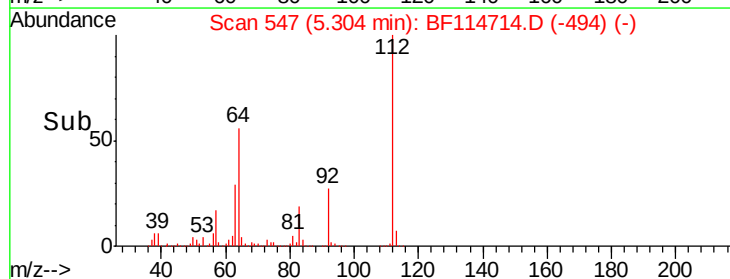
#5

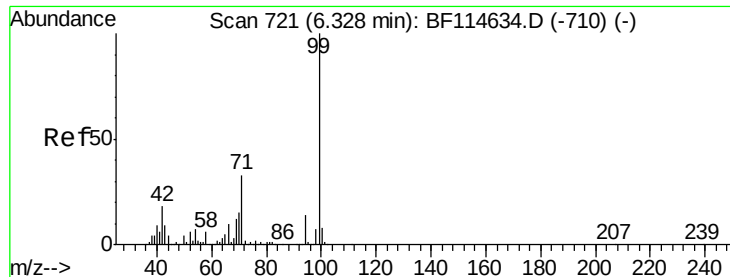
2-Fluorophenol
Concen: 122.425 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Tgt Ion:112 Resp: 2337510
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 29.0 23.4 35.2



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: 122.549 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

Instrument :

BNA_F

ClientSampleId :

FESB-27(3.5-4)

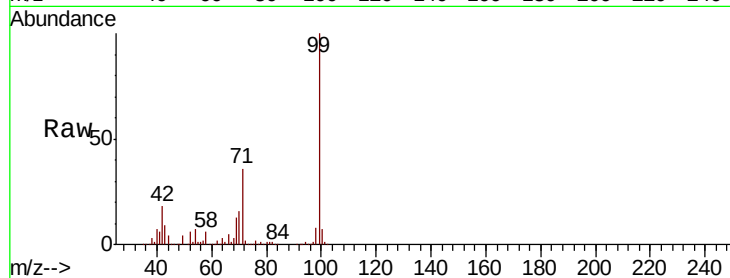
Tgt Ion: 99 Resp: 2819647

Ion Ratio Lower Upper

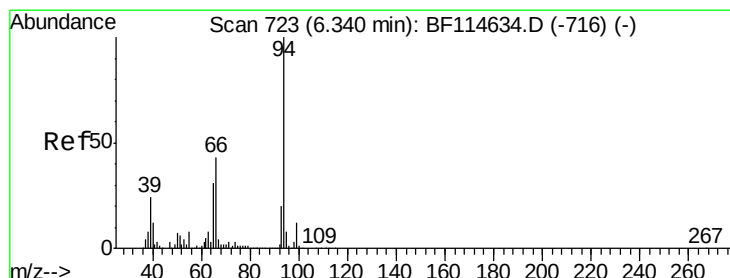
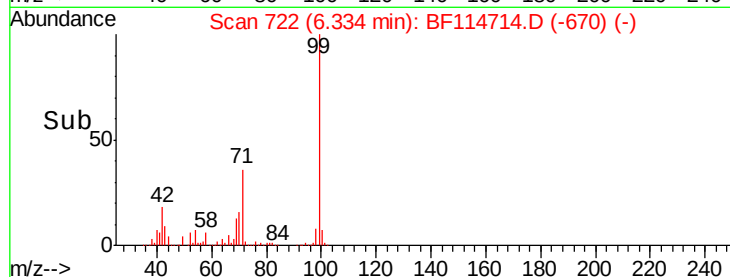
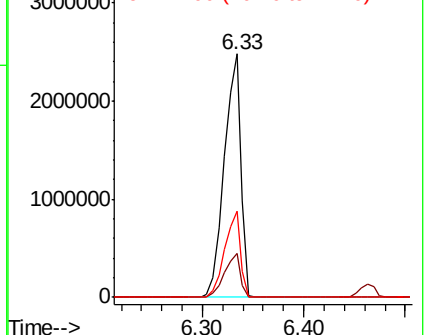
99 100

42 18.2 14.7 22.1

71 35.6 26.6 40.0



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



#10

Phenol

Concen: 3.183 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

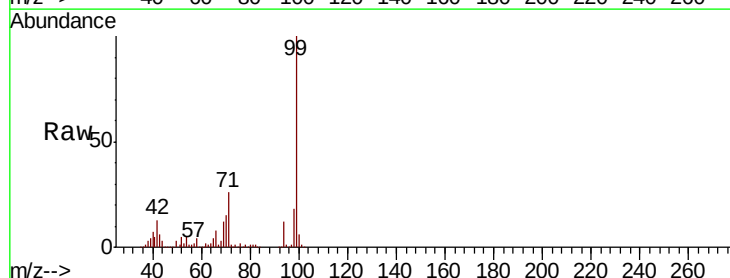
Tgt Ion: 94 Resp: 88461

Ion Ratio Lower Upper

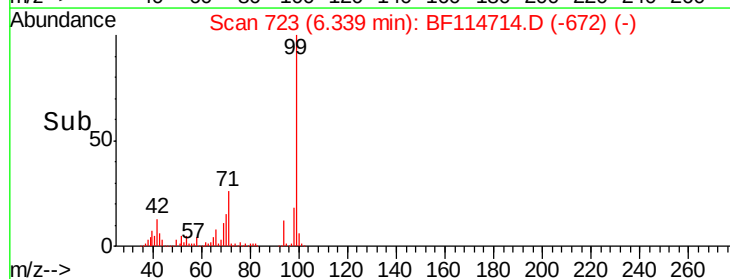
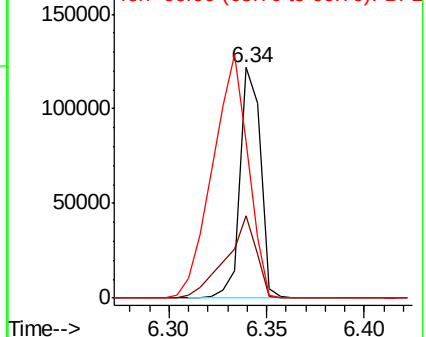
94 100

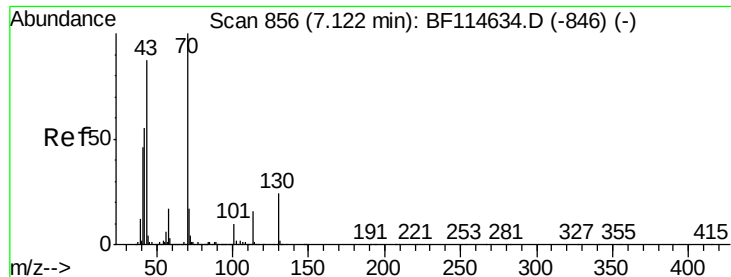
65 35.6 11.0 51.0

66 67.7 23.0 63.0#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.153 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

Instrument :

BNA_F

ClientSampleId :

FESB-27(3.5-4)

Tgt Ion: 70 Resp: 240648

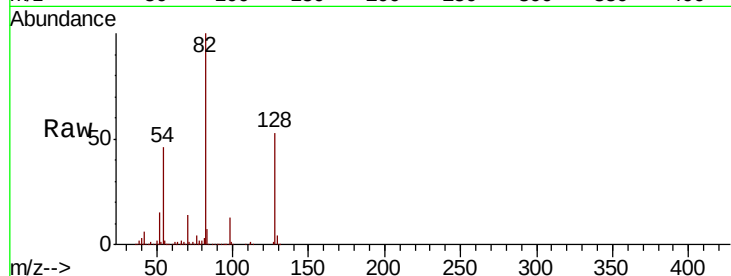
Ion Ratio Lower Upper

70 100

42 42.5 44.4 66.6#

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

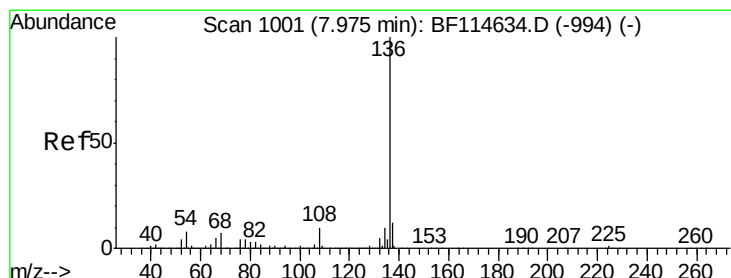
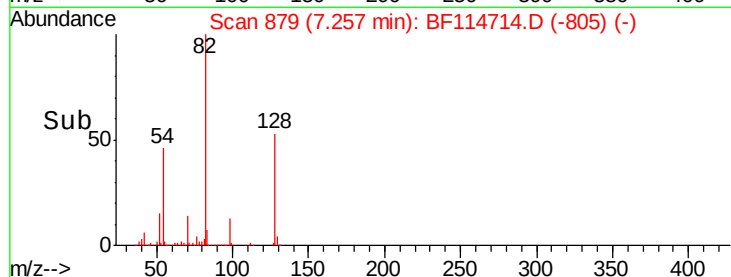
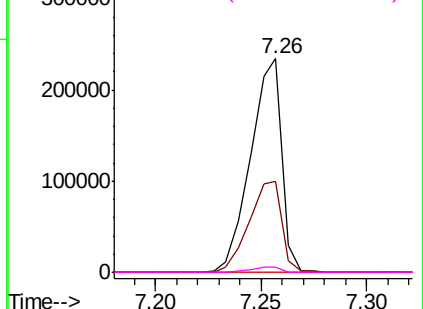


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

Tgt Ion: 136 Resp: 1256674

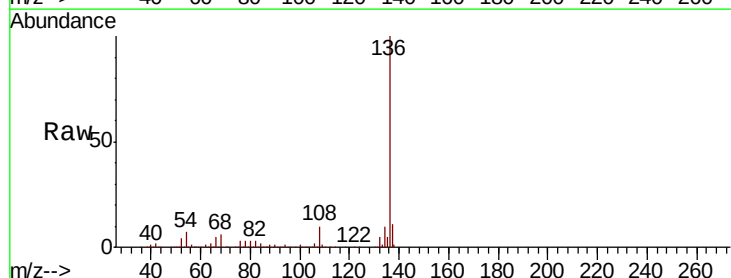
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 6.7 6.3 9.5

68 5.6 5.4 8.0

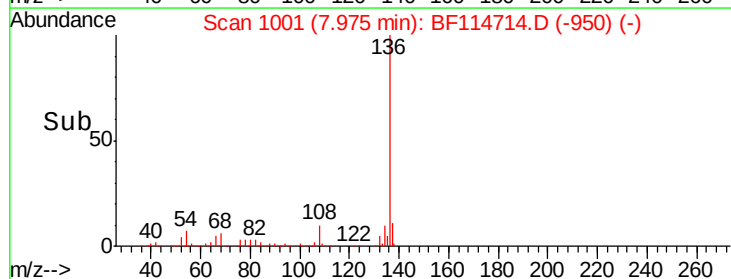
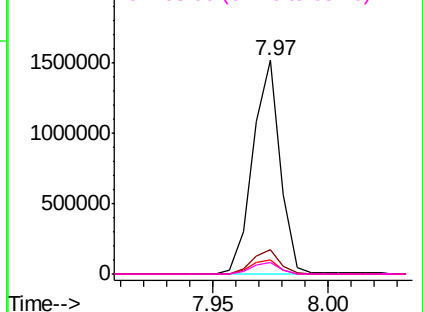


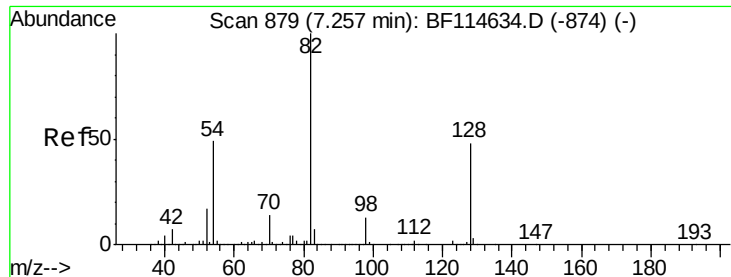
Abundance Ion 136.00 (135.70 to 136.70): E

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

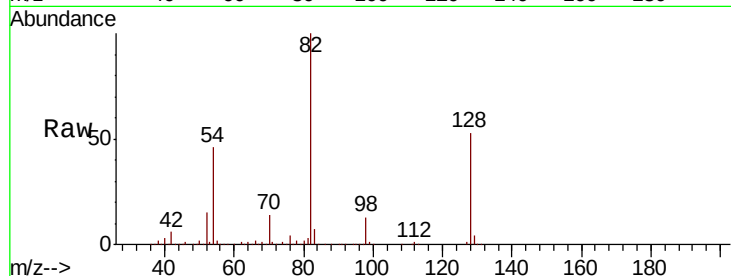




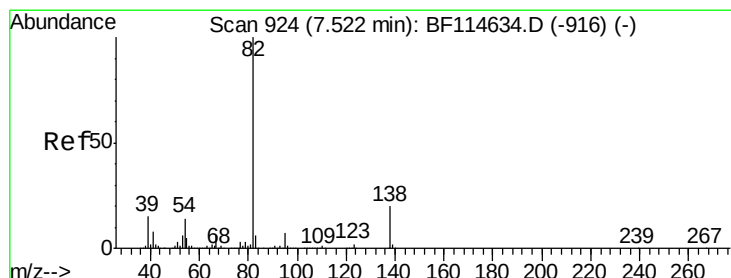
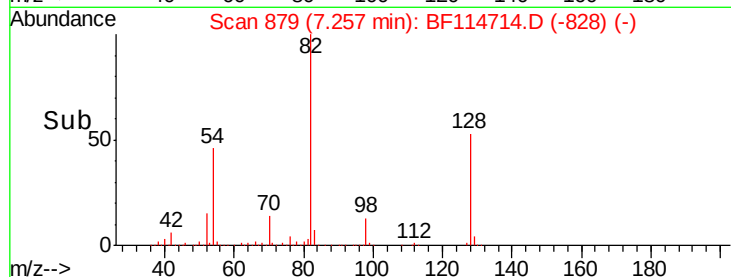
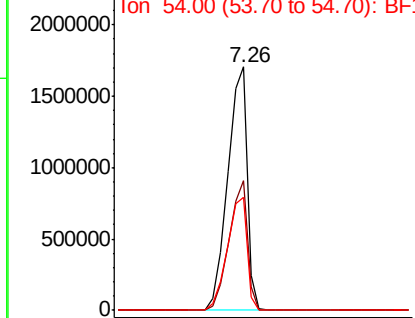
#23
 Nitrobenzene-d5
 Concen: 87.828 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 FESB-27(3.5-4)

Tgt Ion: 82 Resp: 1769071
 Ion Ratio Lower Upper
 82 100
 128 53.1 38.5 57.7
 54 46.3 39.1 58.7

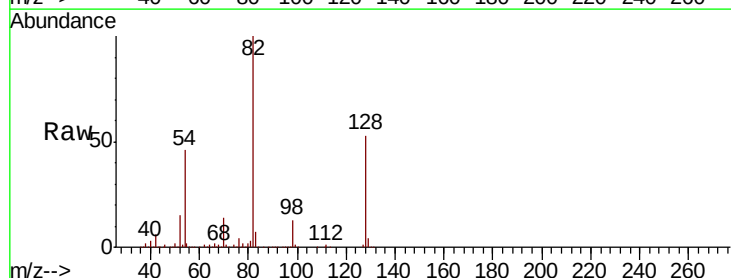


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

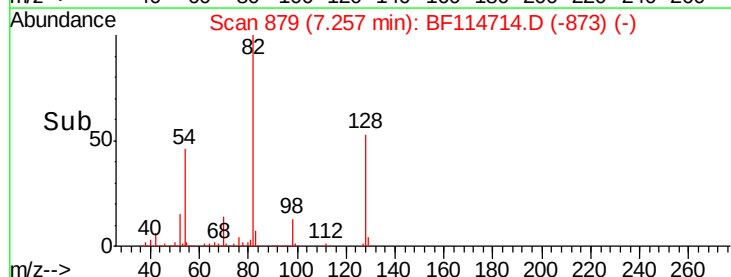
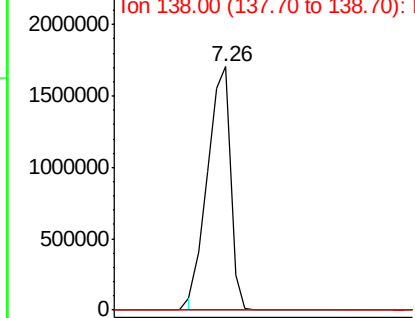


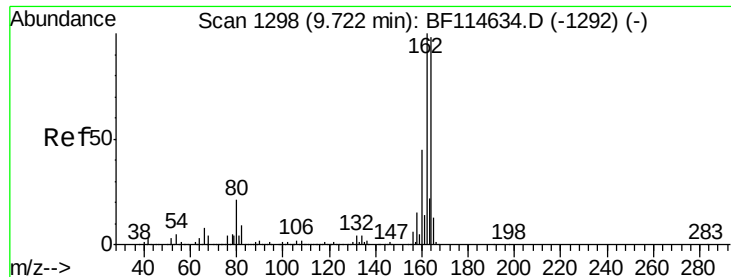
#25
 Isophorone
 Concen: 42.799 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

Tgt Ion: 82 Resp: 1730075
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 15.9 23.9#



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

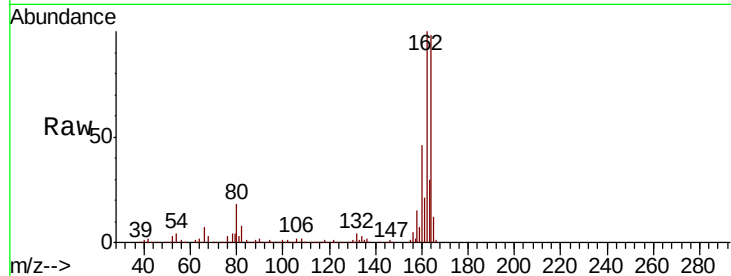




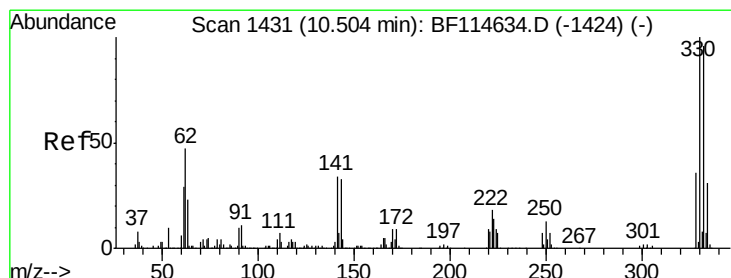
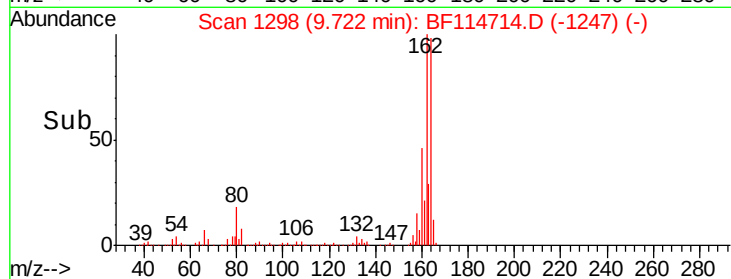
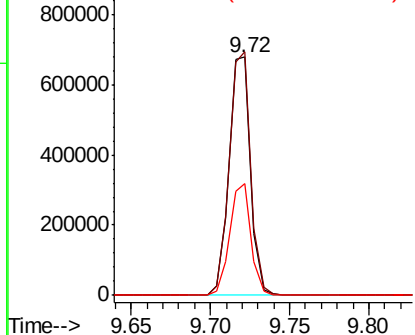
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FESB-27(3.5-4)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	46.9	36.6	54.8

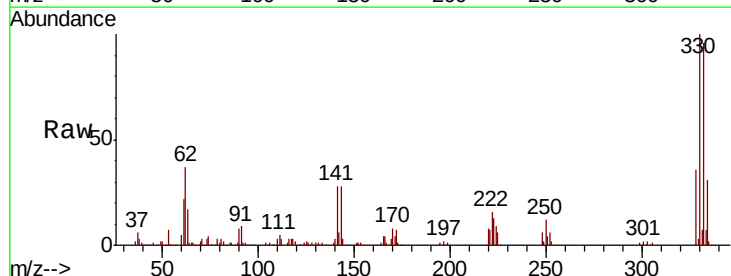


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

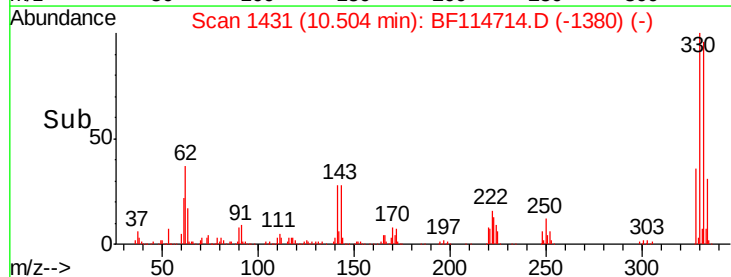
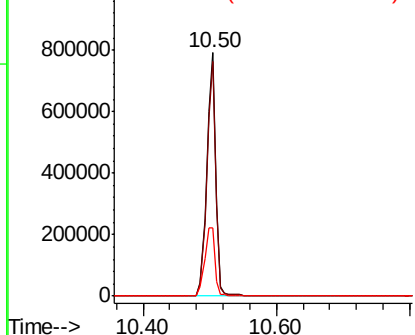


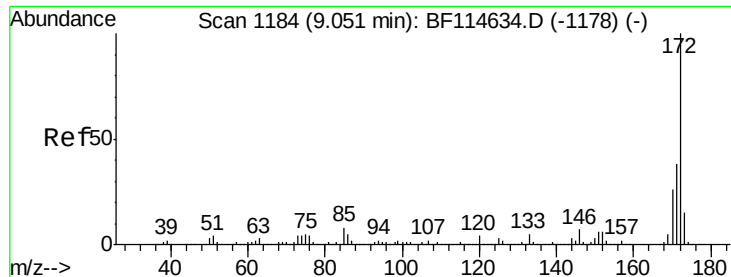
#42
2,4,6-Tribromophenol
Concen: 121.014 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.8
141	32.3	27.8	41.8



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

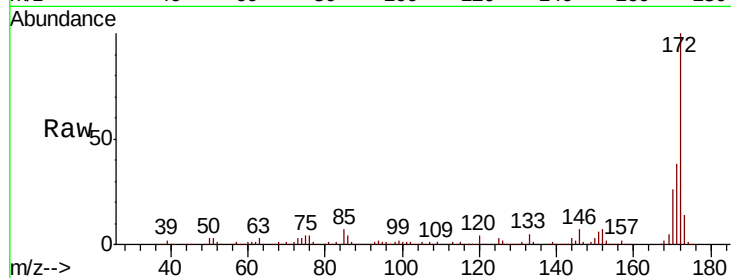




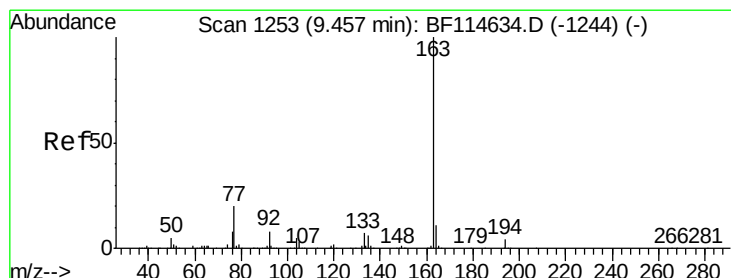
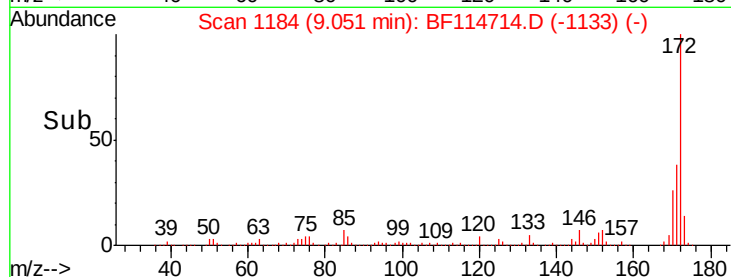
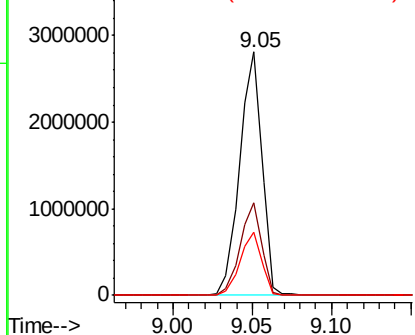
#45
 2-Fluorobiphenyl
 Concen: 79.345 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 FESB-27(3.5-4)

Tgt Ion:172 Resp: 2723345
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.6 45.8
 170 26.0 20.7 31.1

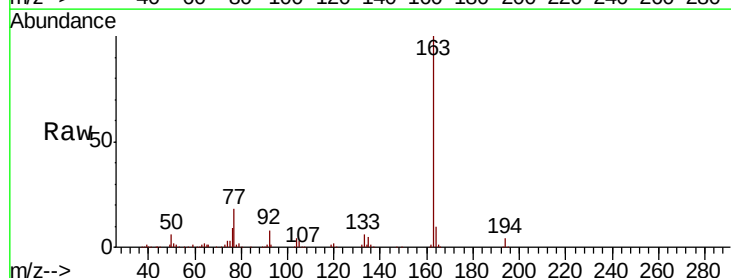


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

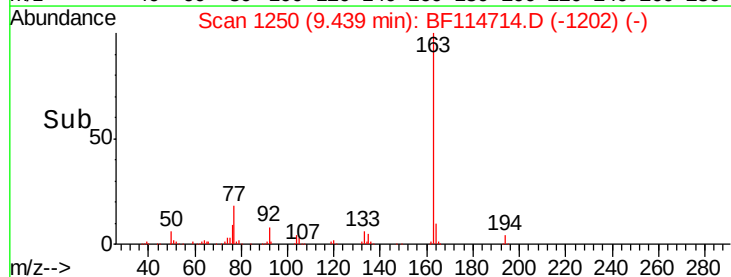
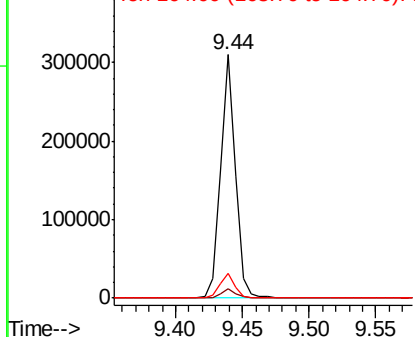


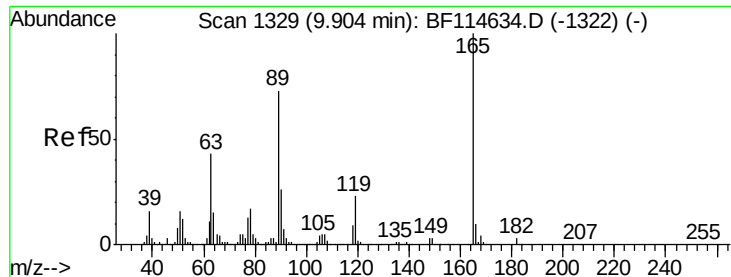
#50
 Dimethylphthalate
 Concen: 5.515 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

Tgt Ion:163 Resp: 244491
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.4 5.0
 164 10.2 8.6 13.0



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

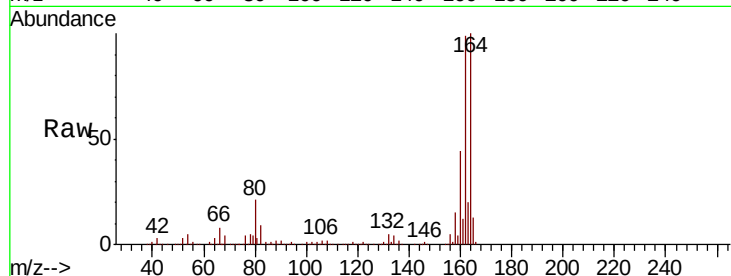




#57
 2,4-Dinitrotoluene
 Concen: 6.027 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.19 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 FESB-27(3.5-4)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	34.8	52.2#
89	1.1	58.5	87.7#
182	0.0	2.2	3.2#

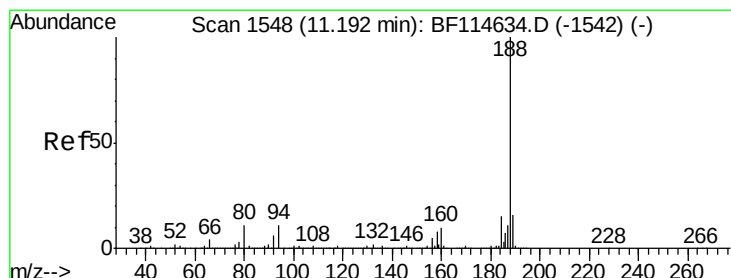
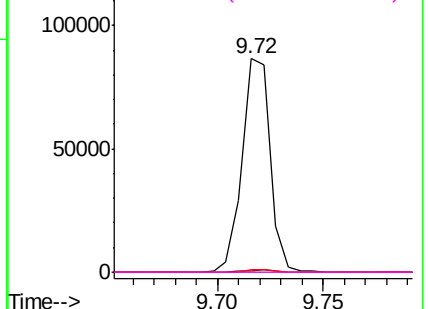
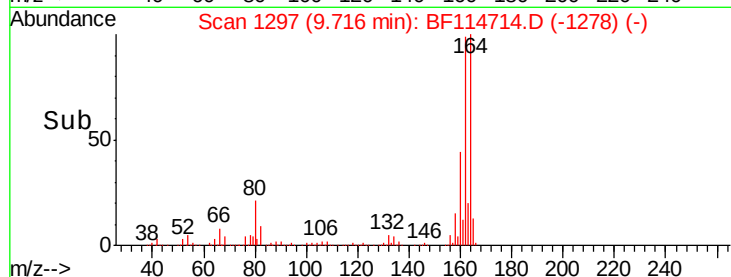


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

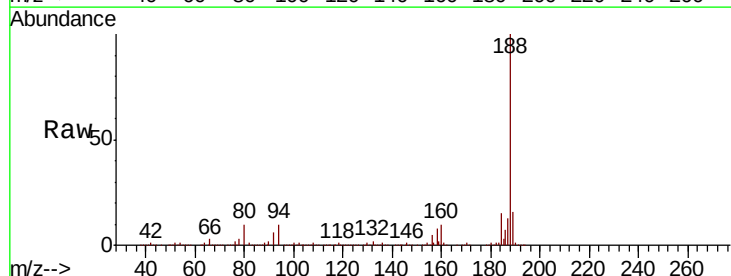
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114714.D
 Acq: 31 May 2019 17:50

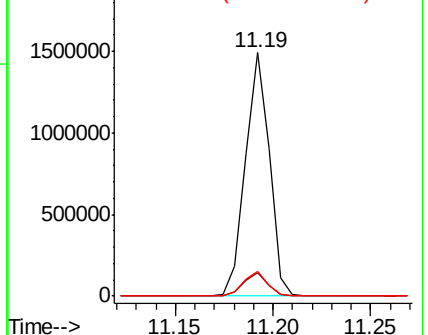
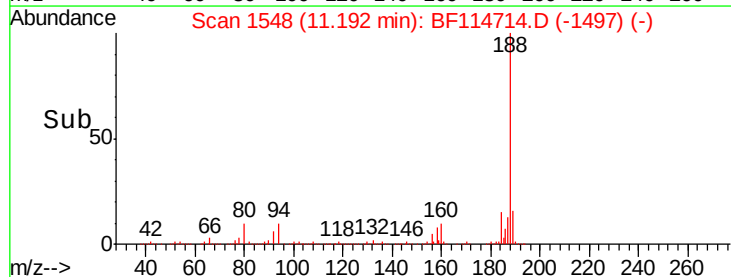
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.2	9.0	13.6

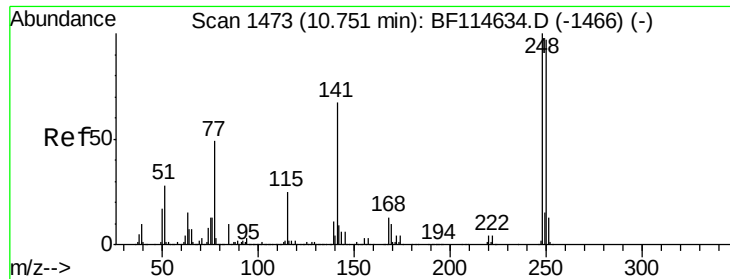


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

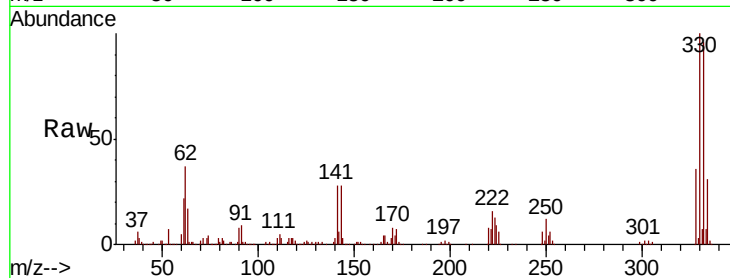




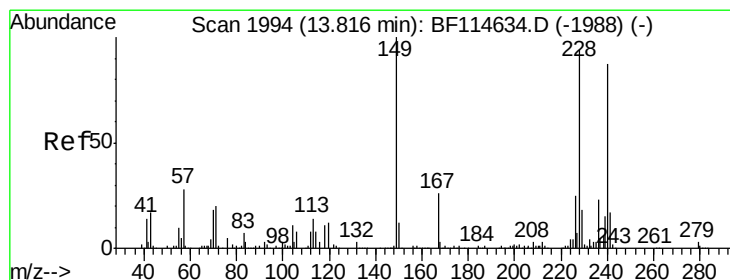
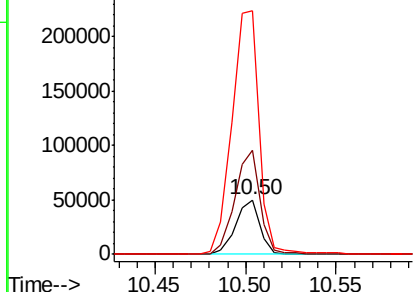
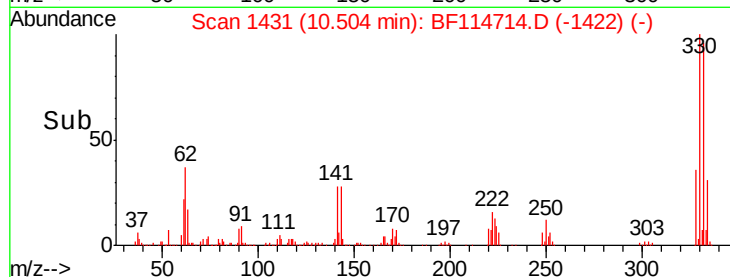
#67
4-Bromophenyl-phenylether
Concen: 3.428 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FESB-27(3.5-4)

Tgt Ion:248 Resp: 46798
Ion Ratio Lower Upper
248 100
250 190.8 78.0 117.0#
141 445.7 53.8 80.8#

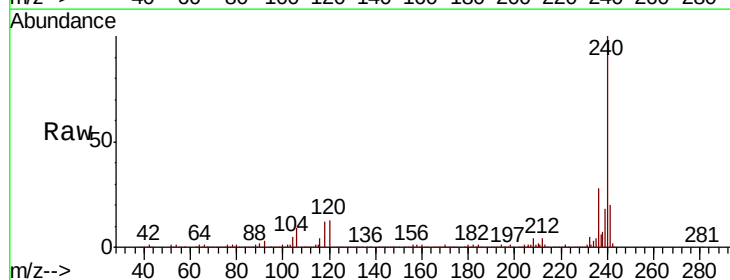


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

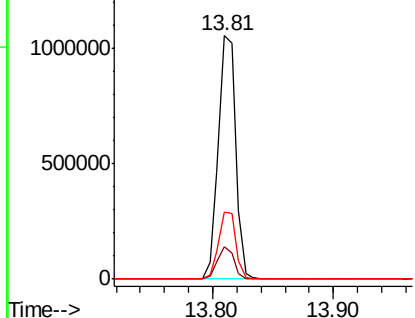
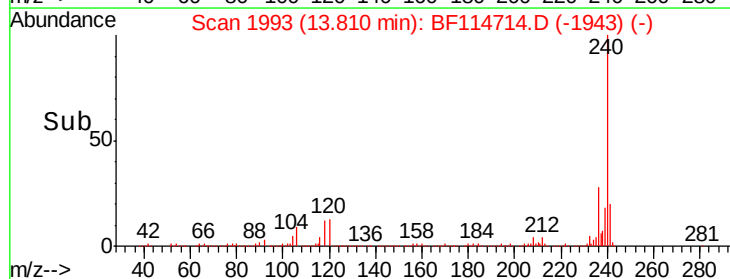


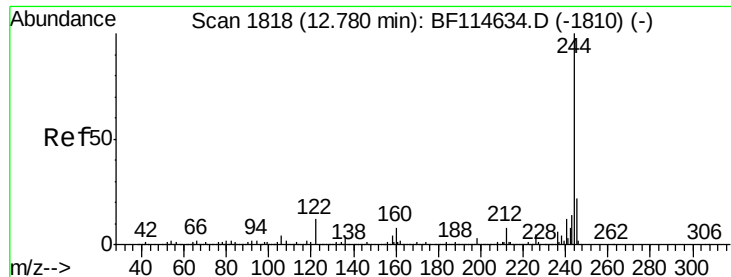
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114714.D
Acq: 31 May 2019 17:50

Tgt Ion:240 Resp: 1044941
Ion Ratio Lower Upper
240 100
120 13.3 11.2 16.8
236 27.6 21.2 31.8



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: 53.571 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

Instrument :

BNA_F

ClientSampleId :

FESB-27(3.5-4)

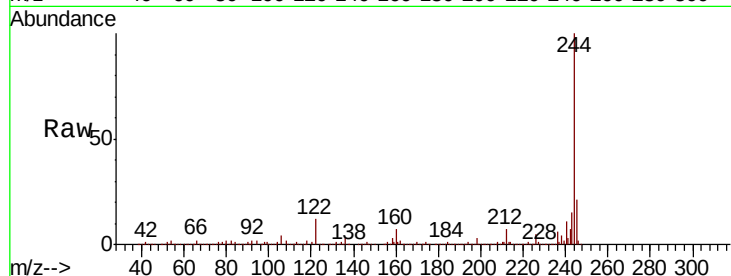
Tgt Ion:244 Resp: 2977347

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

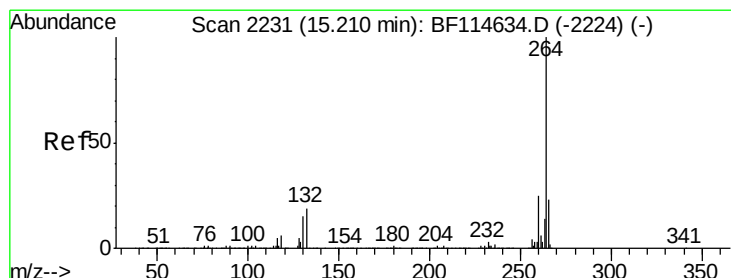
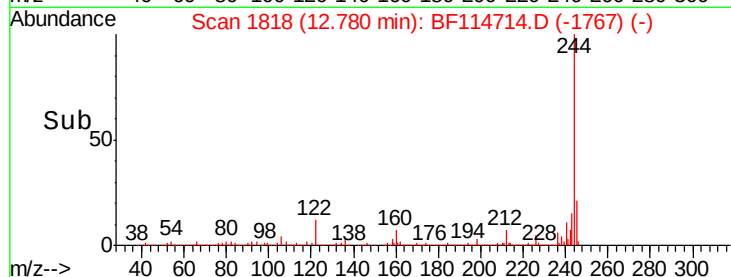
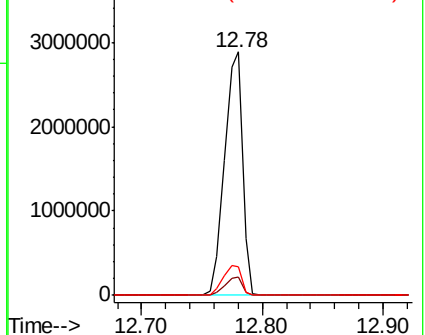
122 11.5 9.8 14.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114714.D

Acq: 31 May 2019 17:50

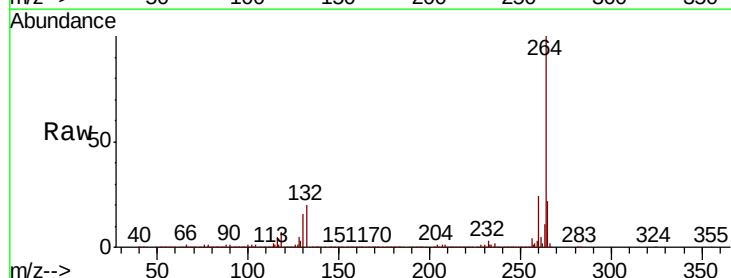
Tgt Ion:264 Resp: 945733

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.6 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

