

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114711.D
 Acq On : 31 May 2019 16:31
 Operator : HP/JU
 Sample : K3066-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-25(5.5-6)

Quant Time: Jun 01 00:24:33 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	352365	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1324808	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	664679	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1335040	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1031558	20.00	ng	0.00
87) Perylene-d12	15.20	264	901233	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	2513697	125.25	ng	0.02
7) Phenol-d6	6.33	99	3098739	128.13	ng	0.00
23) Nitrobenzene-d5	7.26	82	1895414	89.26	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	757429	119.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2574617	69.92	ng	0.00
79) Terphenyl-d14	12.78	244	2816525	51.33	ng	0.00

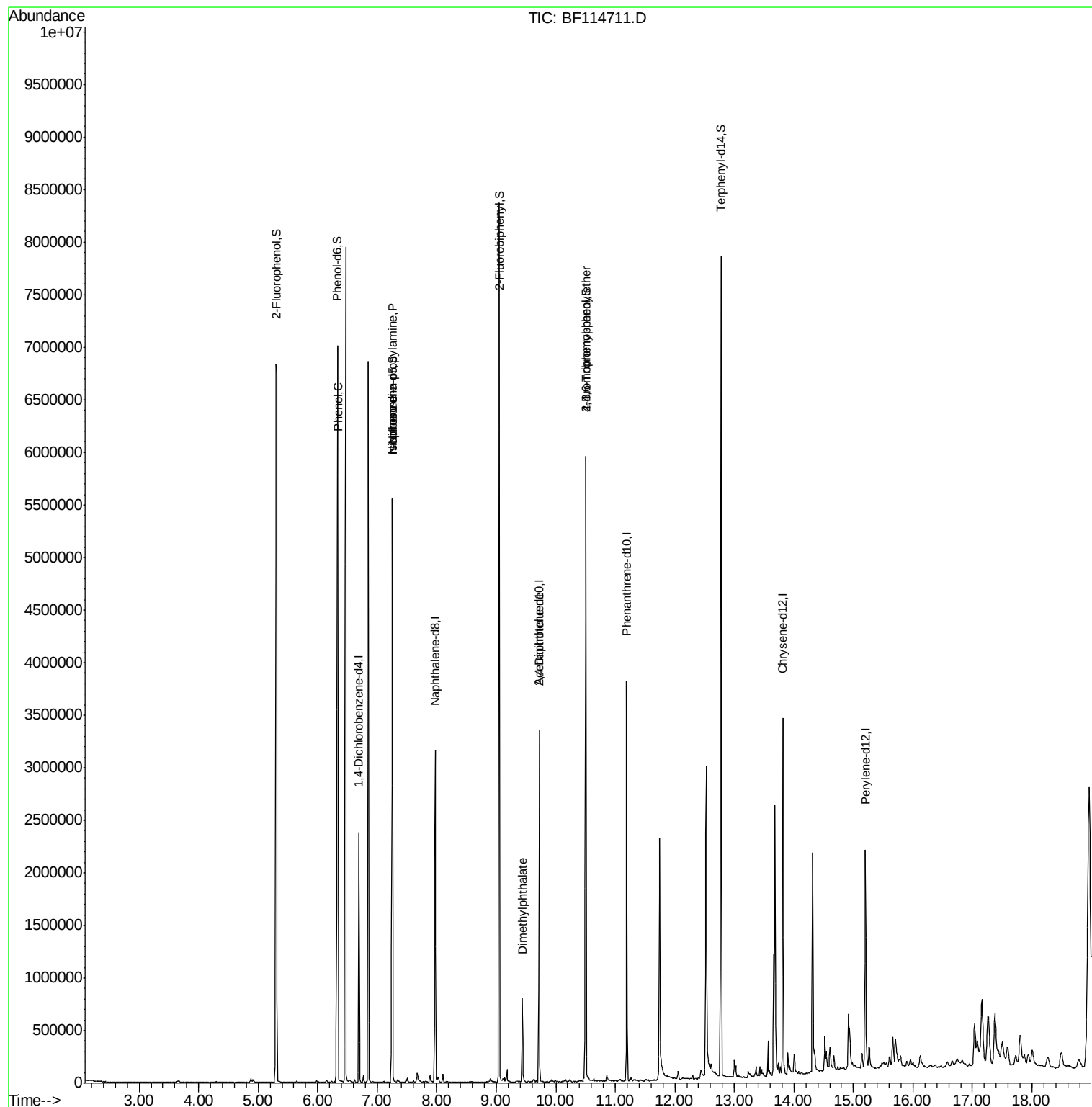
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.23	77	2813	Below Cal		90
10) Phenol	6.35	94	100082	3.426 ng		86
19) n-Nitroso-di-n-propylamine	7.26	70	262157	15.704 ng	#	75
25) Isophorone	7.26	82	1854672	43.521 ng	#	63
50) Dimethylphthalate	9.44	163	287116	6.199 ng		98
57) 2,4-Dinitrotoluene	9.72	165	86019	6.228 ng	#	24
58) Fluorene	10.50	166	33457	Below Cal	#	87
61) 4-Chlorophenyl-phenylether	10.26	204	120	Below Cal	#	20
67) 4-Bromophenyl-phenylether	10.50	248	48533	3.390 ng	#	1
74) Di-n-butylphthalate	11.76	149	10654	Below Cal		97

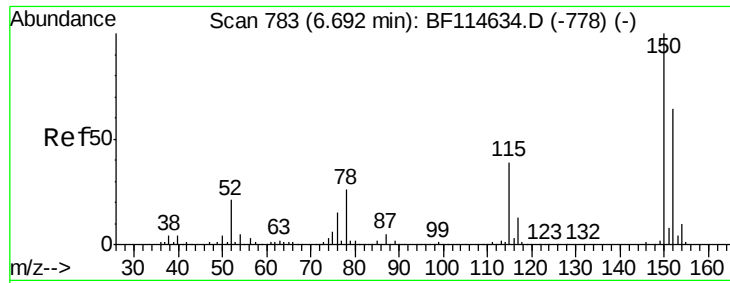
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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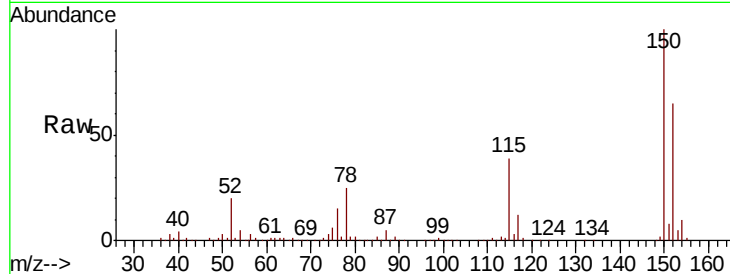


#1

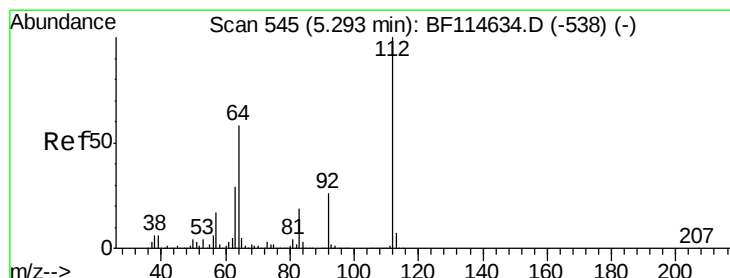
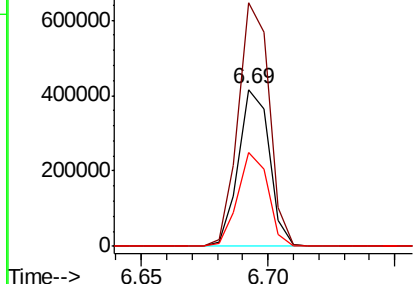
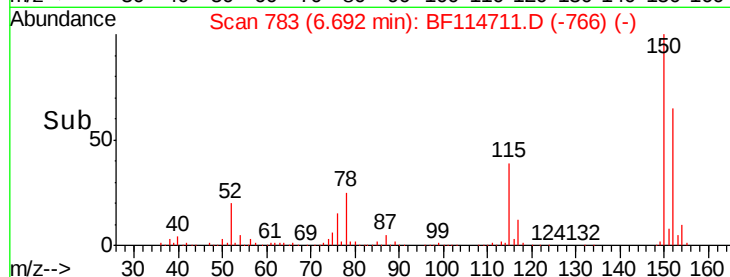
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114711.D
 Acq: 31 May 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FESB-25(5.5-6)

Tgt Ion:152 Resp: 352365
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.4 186.6
 115 59.9 48.7 73.1



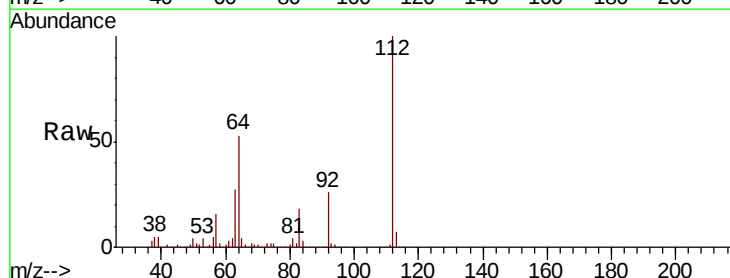
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



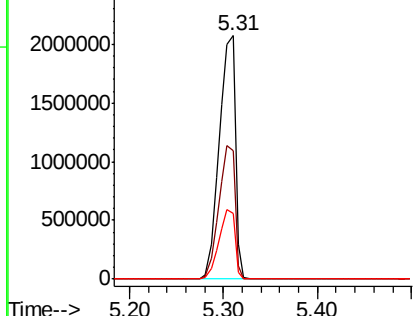
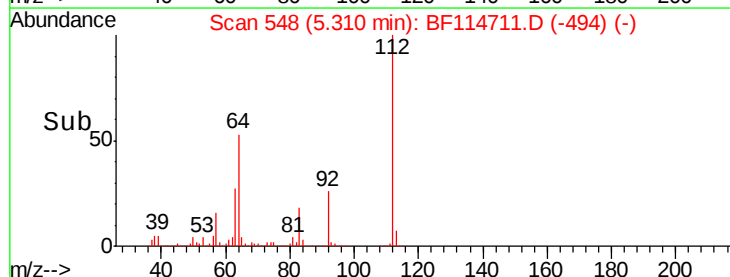
#5

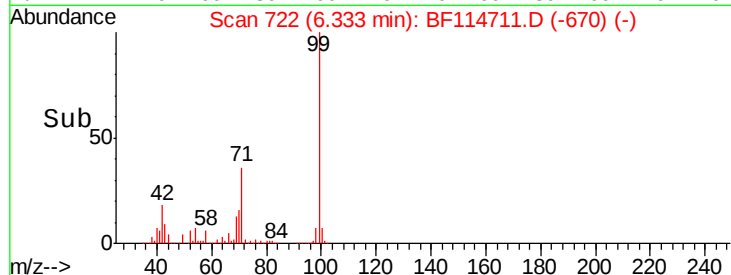
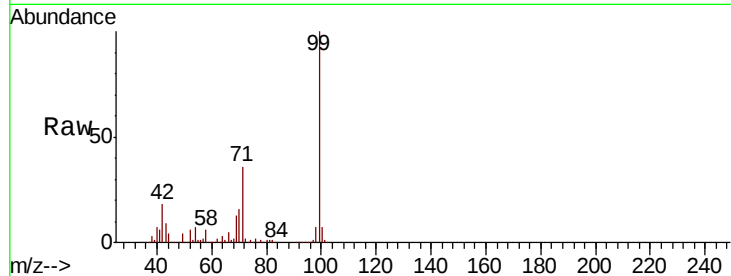
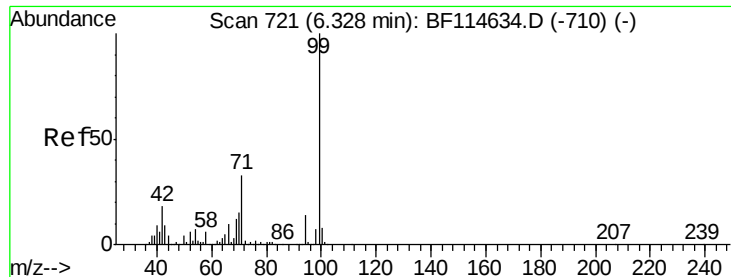
2-Fluorophenol
 Concen: 125.249 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.02 min
 Lab File: BF114711.D
 Acq: 31 May 2019 16:31

Tgt Ion:112 Resp: 2513697
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.1 69.1
 63 27.2 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: 128.128 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114711.D

Acq: 31 May 2019 16:31

Instrument :

BNA_F

ClientSampleId :

FESB-25(5.5-6)

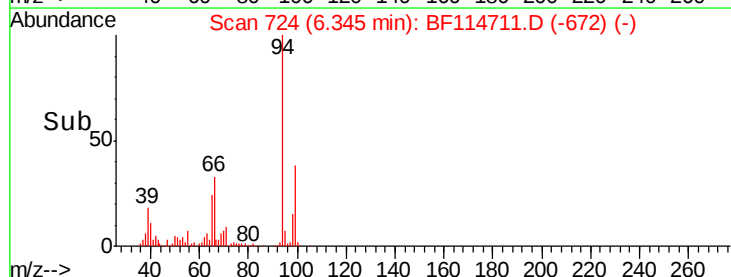
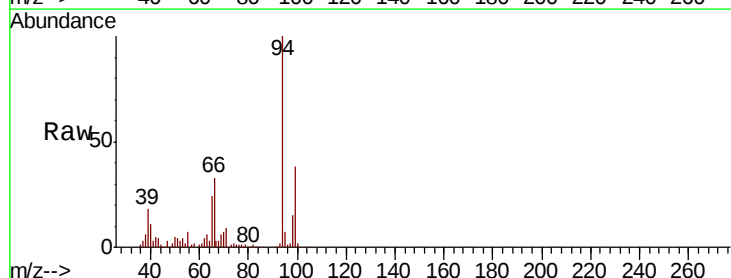
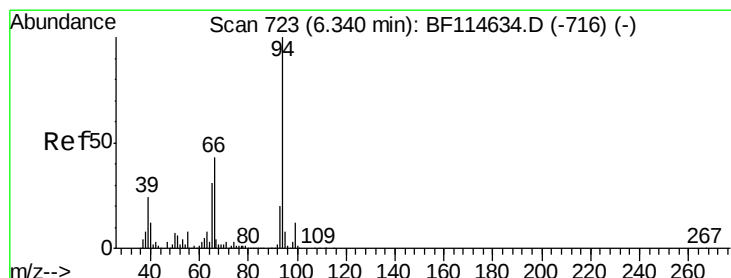
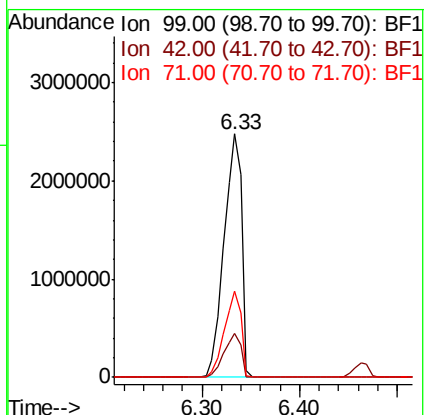
Tgt Ion: 99 Resp: 3098739

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 35.6 26.6 40.0



#10

Phenol

Concen: 3.426 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114711.D

Acq: 31 May 2019 16:31

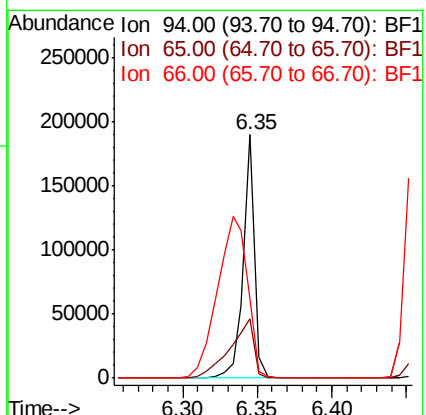
Tgt Ion: 94 Resp: 100082

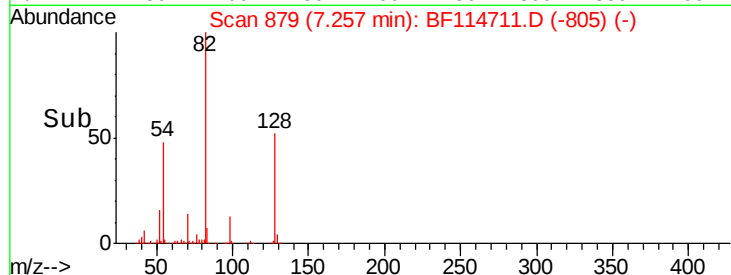
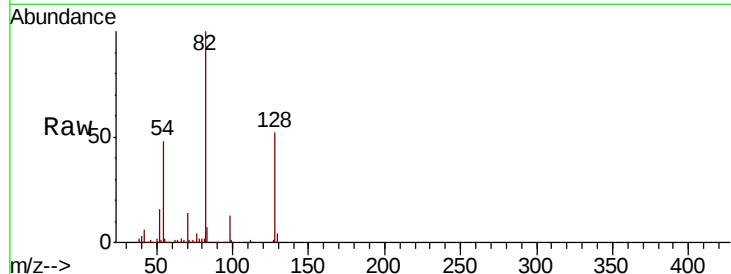
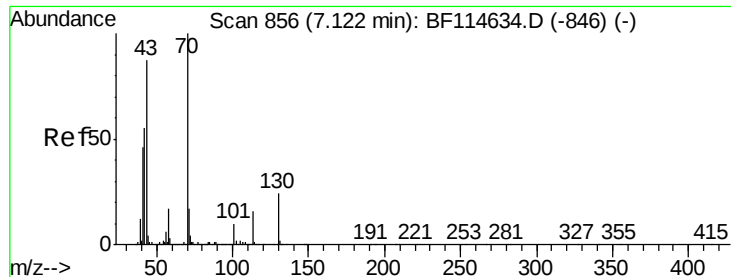
Ion Ratio Lower Upper

94 100

65 24.3 11.0 51.0

66 32.9 23.0 63.0

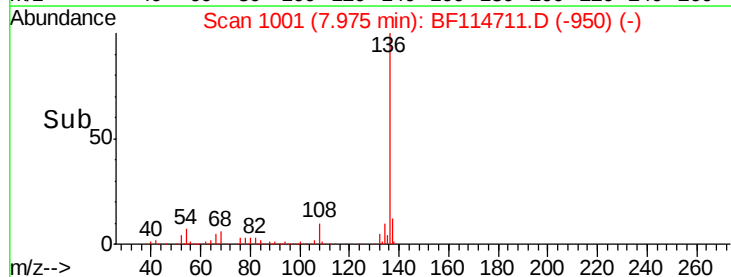
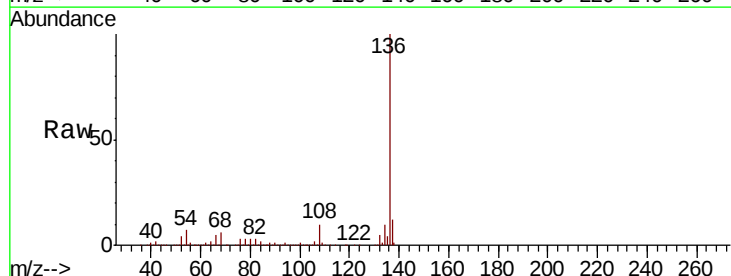
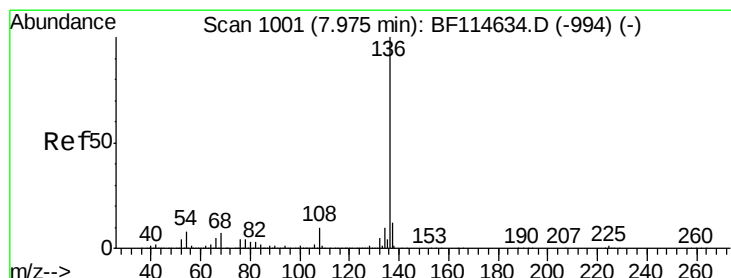
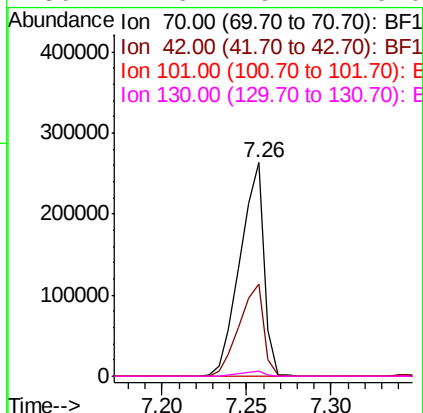




#19
n-Nitroso-di-n-propylamine
Concen: 15.704 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

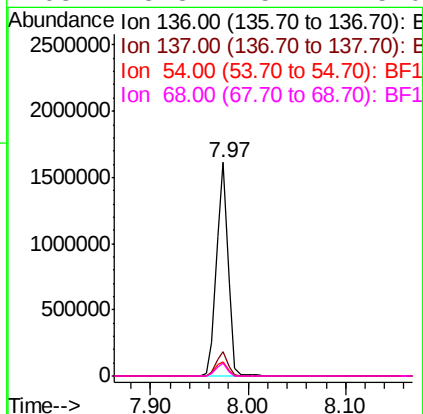
Instrument :
BNA_F
ClientSampleId :
FESB-25(5.5-6)

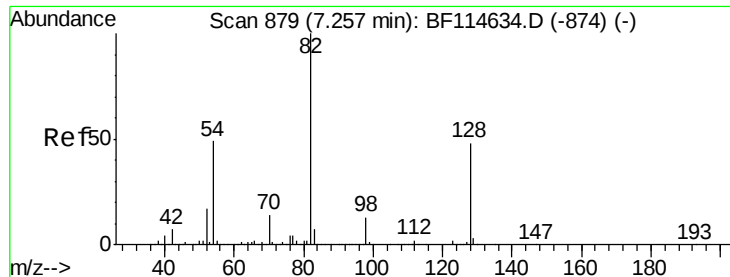
Tgt Ion:	70	Resp:	262157
Ion	Ratio	Lower	Upper
70	100		
42	43.4	44.4	66.6#
101	0.0	8.2	12.4#
130	2.6	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Tgt Ion:	136	Resp:	1324808
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.8	6.3	9.5
68	5.8	5.4	8.0

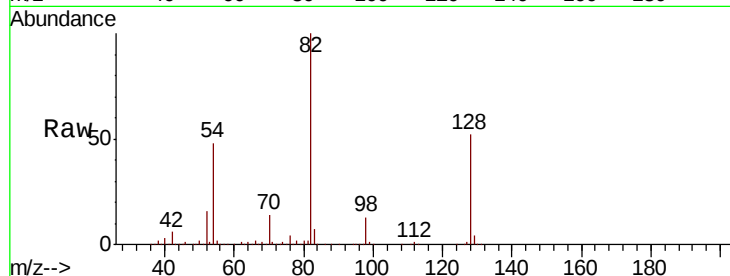




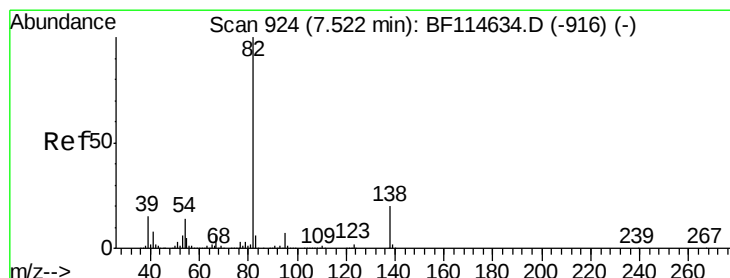
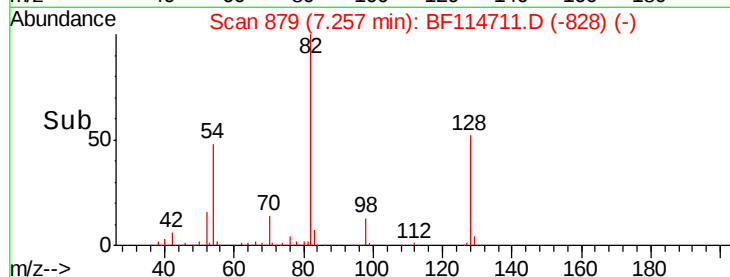
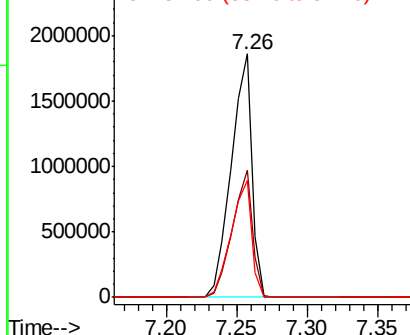
#23
Nitrobenzene-d5
Concen: 89.261 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Instrument :
BNA_F
ClientSampleId :
FESB-25(5.5-6)

Tgt Ion: 82 Resp: 1895414
Ion Ratio Lower Upper
82 100
128 52.3 38.5 57.7
54 48.2 39.1 58.7

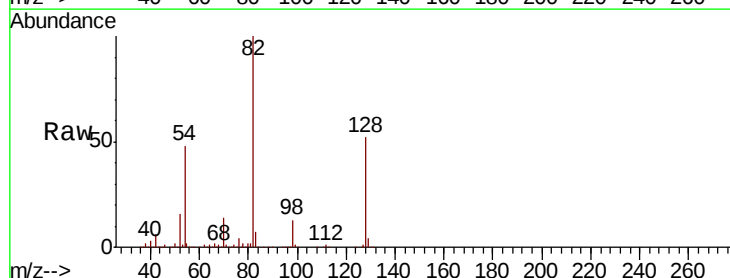


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

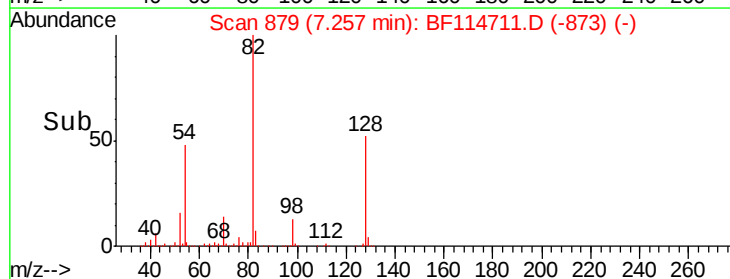
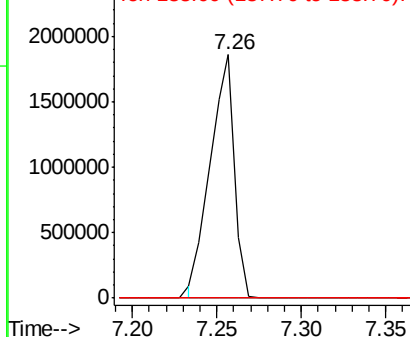


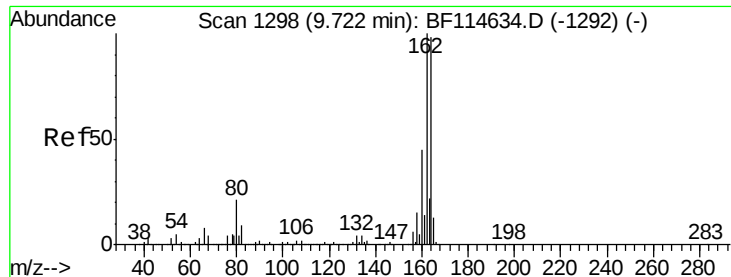
#25
Isophorone
Concen: 43.521 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Tgt Ion: 82 Resp: 1854672
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
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

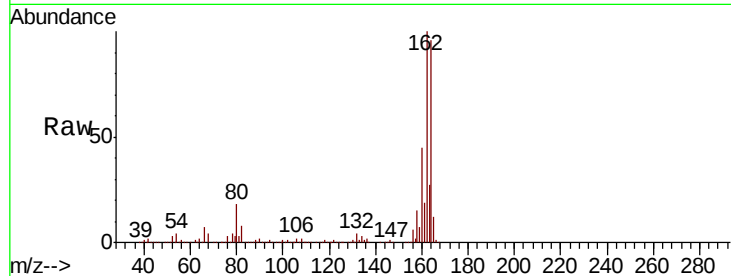




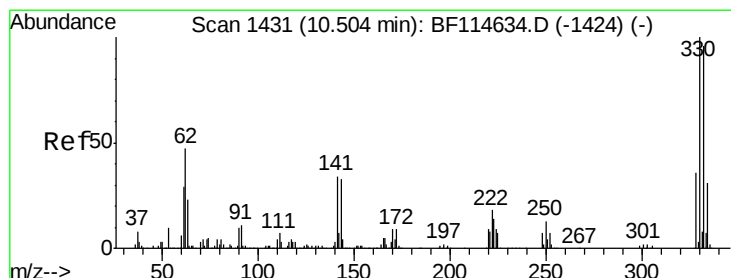
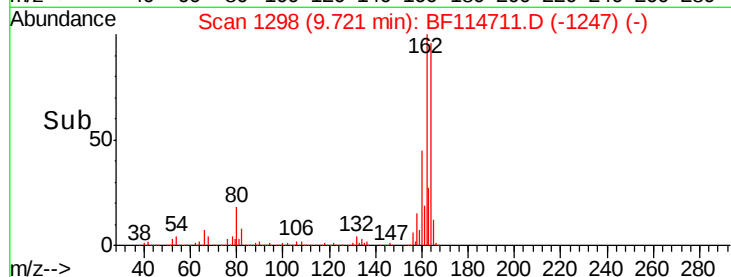
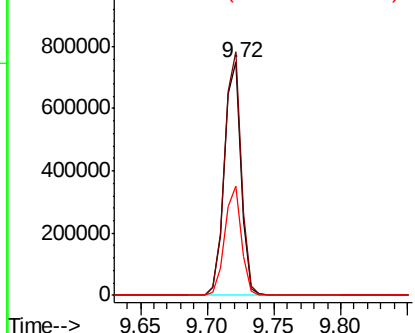
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Instrument :
BNA_F
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FESB-25(5.5-6)

Tgt Ion:164 Resp: 664679
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.2
160 46.6 36.6 54.8

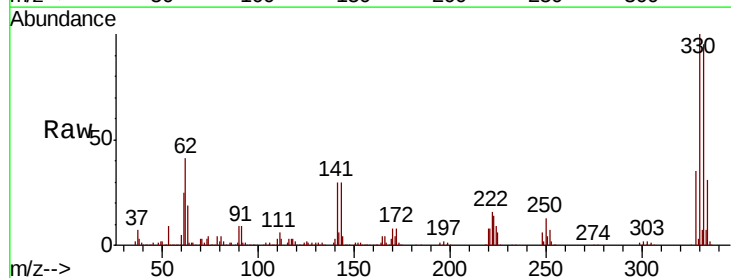


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

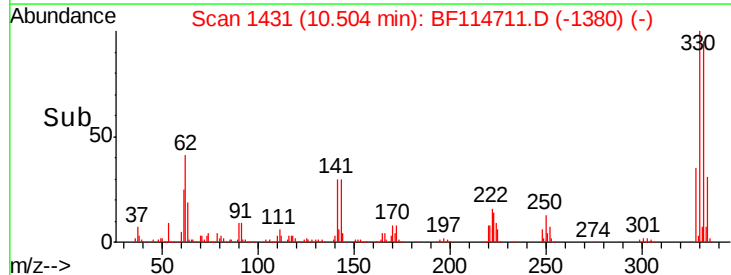
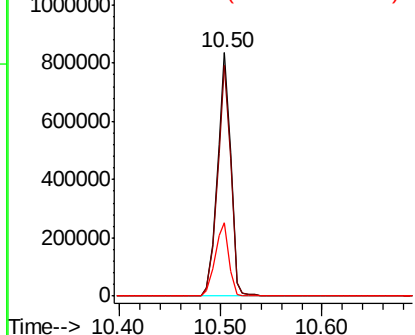


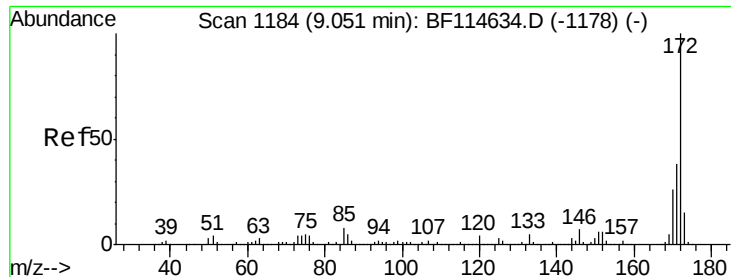
#42
2,4,6-Tribromophenol
Concen: 119.594 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Tgt Ion:330 Resp: 757429
Ion Ratio Lower Upper
330 100
332 94.9 75.8 113.8
141 31.9 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

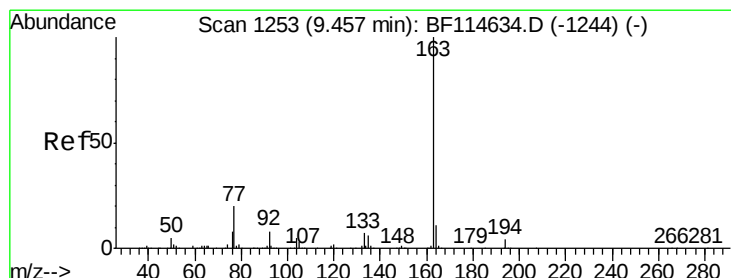
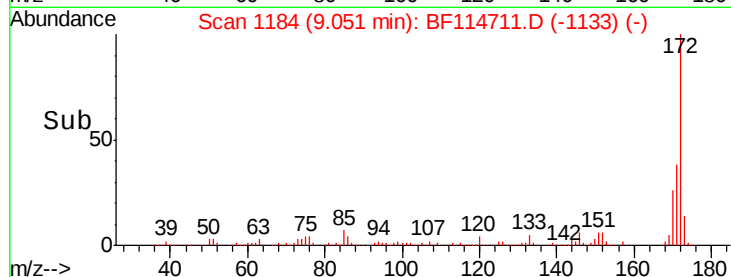
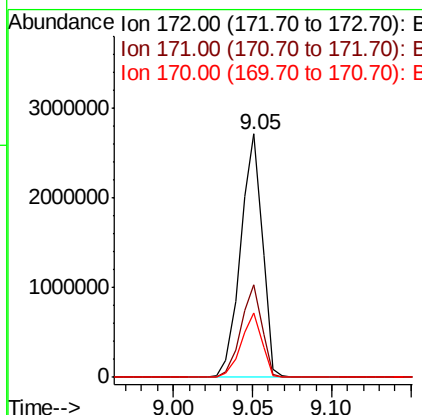
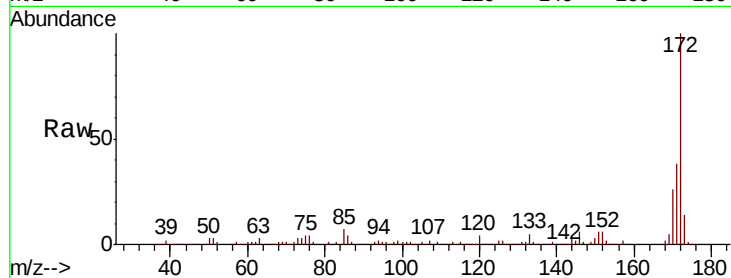




#45
2-Fluorobiphenyl
Concen: 69.925 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

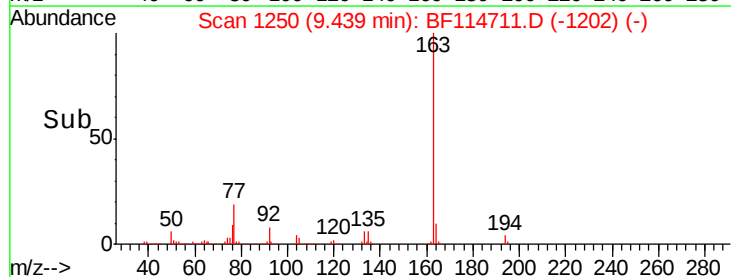
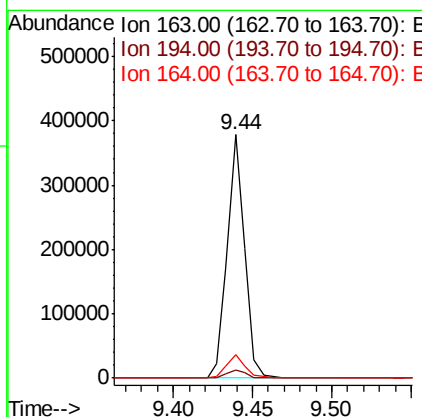
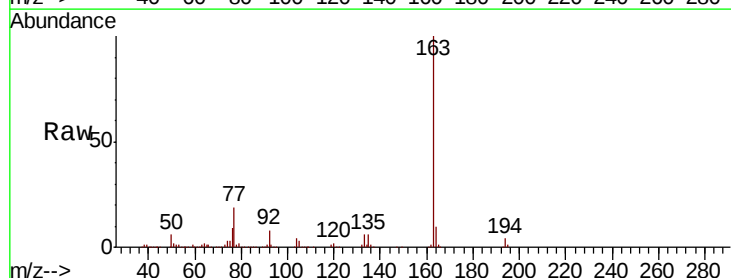
Instrument :
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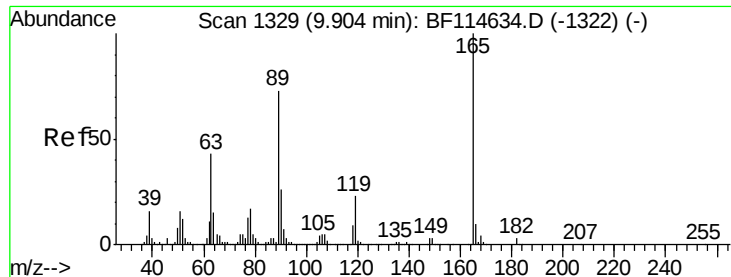
Tgt Ion:172 Resp: 2574617
Ion Ratio Lower Upper
172 100
171 38.2 30.6 45.8
170 26.4 20.7 31.1



#50
Dimethylphthalate
Concen: 6.199 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Tgt Ion:163 Resp: 287116
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.8 8.6 13.0

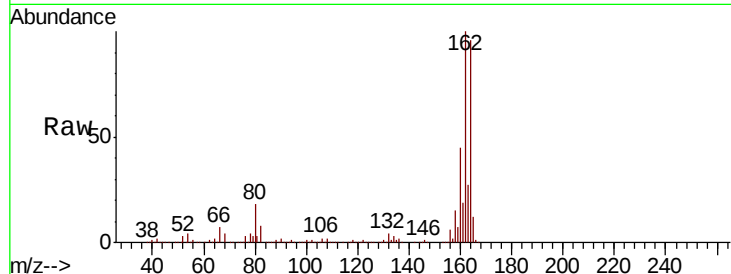




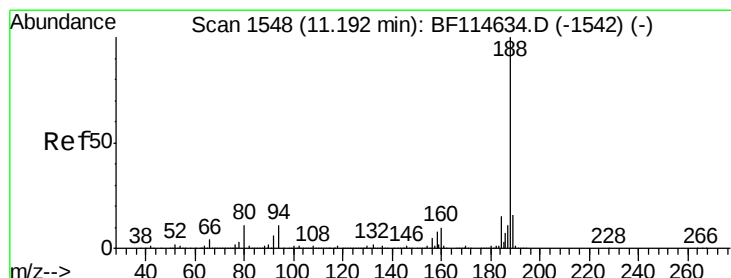
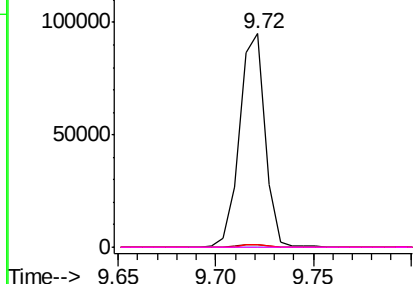
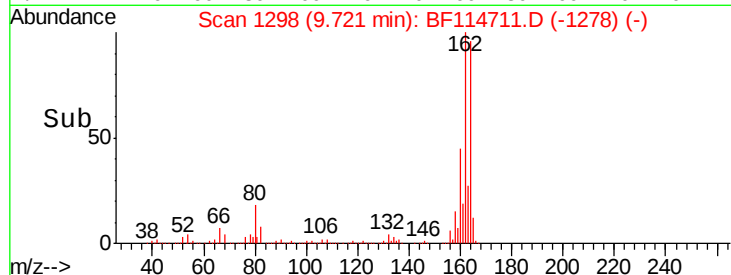
#57
 2,4-Dinitrotoluene
 Concen: 6.228 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114711.D
 Acq: 31 May 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FESB-25(5.5-6)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.5	58.5	87.7#
182	0.0	2.2	3.2#

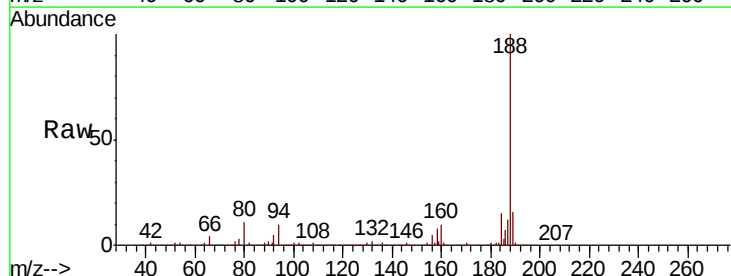


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

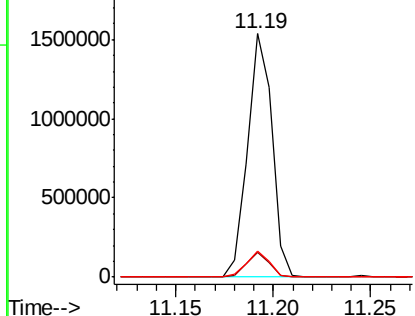
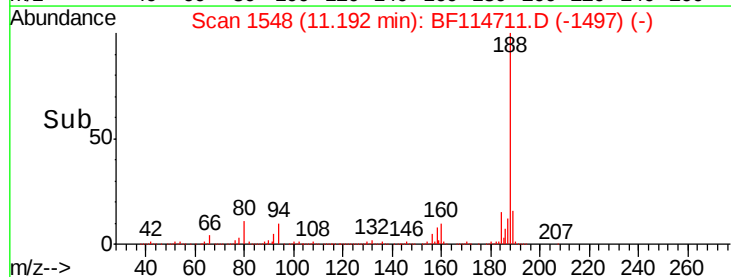


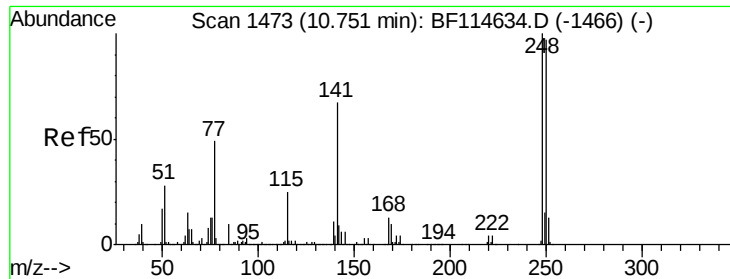
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114711.D
 Acq: 31 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.5	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

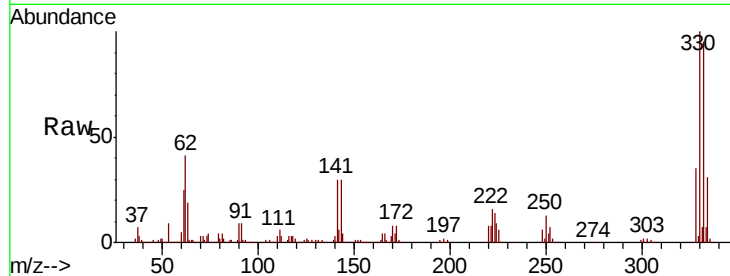




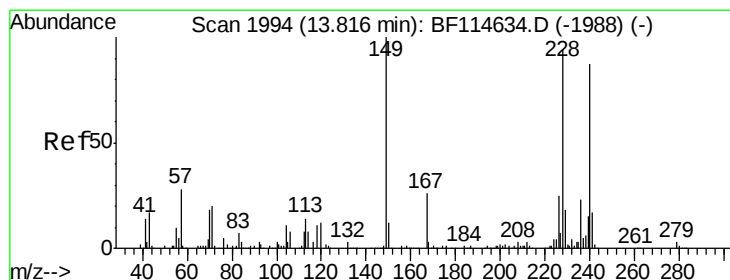
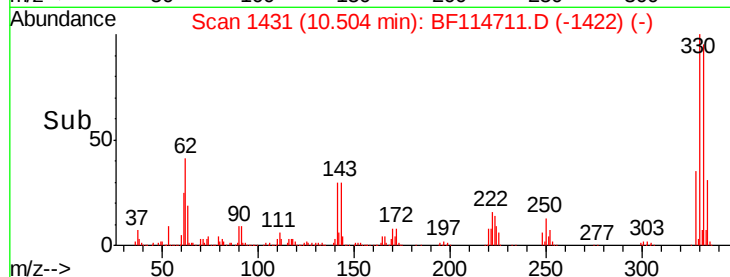
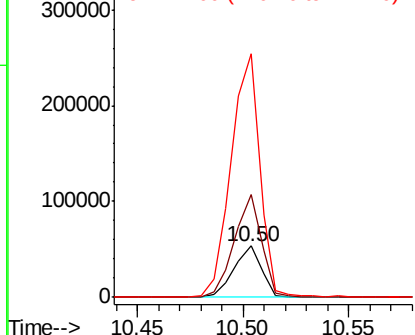
#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Instrument :
BNA_F
ClientSampleId :
FESB-25(5.5-6)

Tgt Ion:248 Resp: 48533
Ion Ratio Lower Upper
248 100
250 199.2 78.0 117.0#
141 473.6 53.8 80.8#

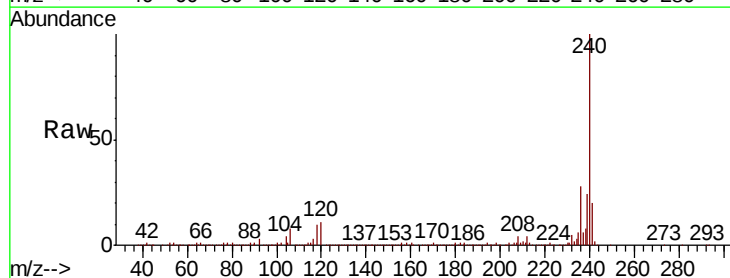


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

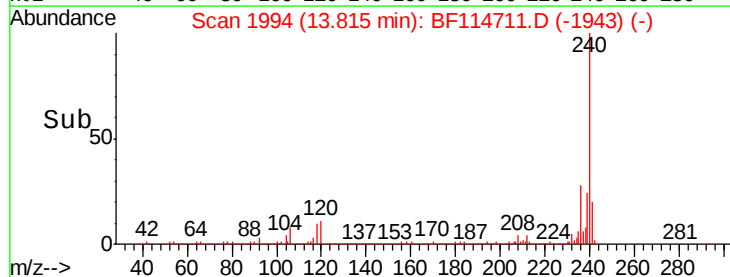
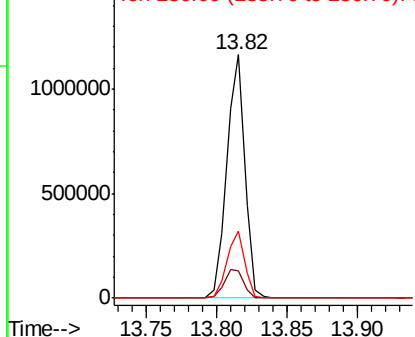


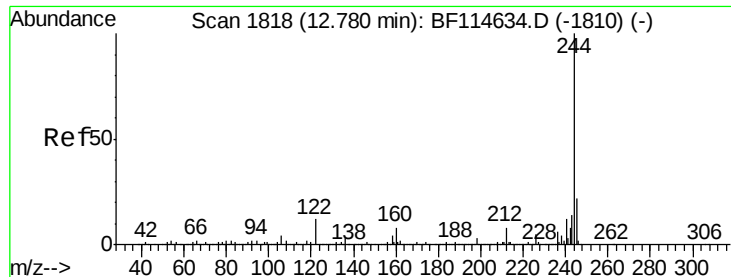
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114711.D
Acq: 31 May 2019 16:31

Tgt Ion:240 Resp: 1031558
Ion Ratio Lower Upper
240 100
120 11.5 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: 51.335 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114711.D

Acq: 31 May 2019 16:31

Instrument :

BNA_F

ClientSampleId :

FESB-25(5.5-6)

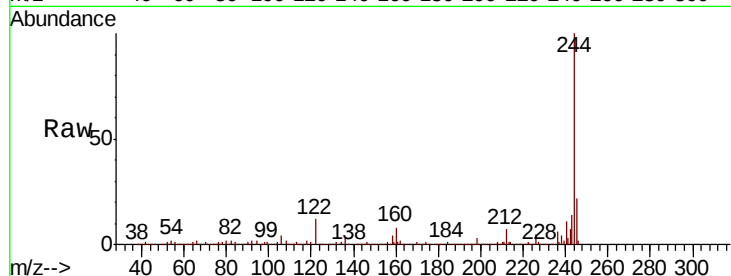
Tgt Ion:244 Resp: 2816525

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

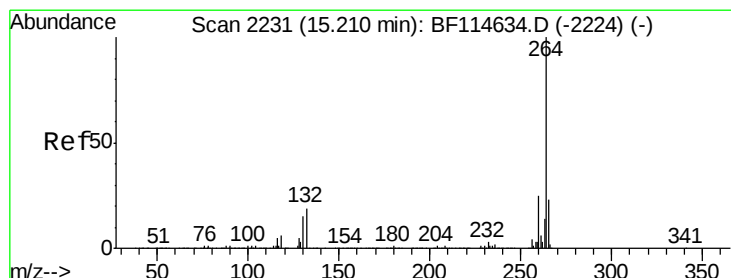
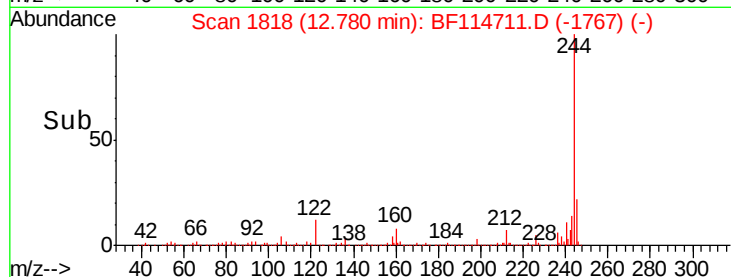
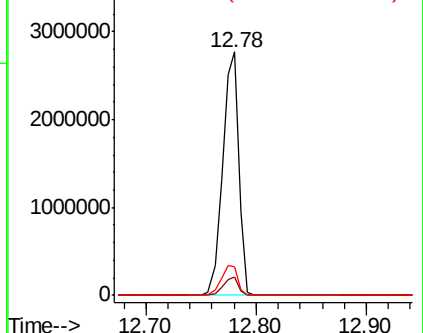
122 11.8 9.8 14.8



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# 2230

Delta R.T. -0.01 min

Lab File: BF114711.D

Acq: 31 May 2019 16:31

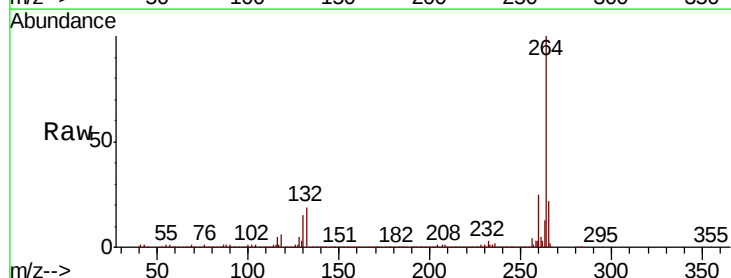
Tgt Ion:264 Resp: 901233

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.2 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

