

Data File : BF118651.D
Acq On : 22 Jan 2020 00:04
Operator : CG/JU
Sample : L1004-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Quant Time: Jan 22 04:23:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	431368	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1554609	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	826643	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1323324	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	969126	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1071577	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2307663	99.36	ng	0.00
7) Phenol-d6	6.50	99	2958241	97.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	1886917	67.89	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	860986	90.05	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3322348	66.06	ng	0.00
79) Terphenyl-d14	12.99	244	3107526	69.94	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.52	94	97634	2.838	ng	95
19) n-Nitroso-di-n-propylamine	7.44	70	264392	12.971	ng	# 75
25) Isophorone	7.44	82	1872997	36.947	ng	# 64
50) Dimethylphthalate	9.63	163	774116	14.374	ng	97
57) 2,4-Dinitrotoluene	9.92	165	108268	7.121	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	54029	3.305	ng	# 1

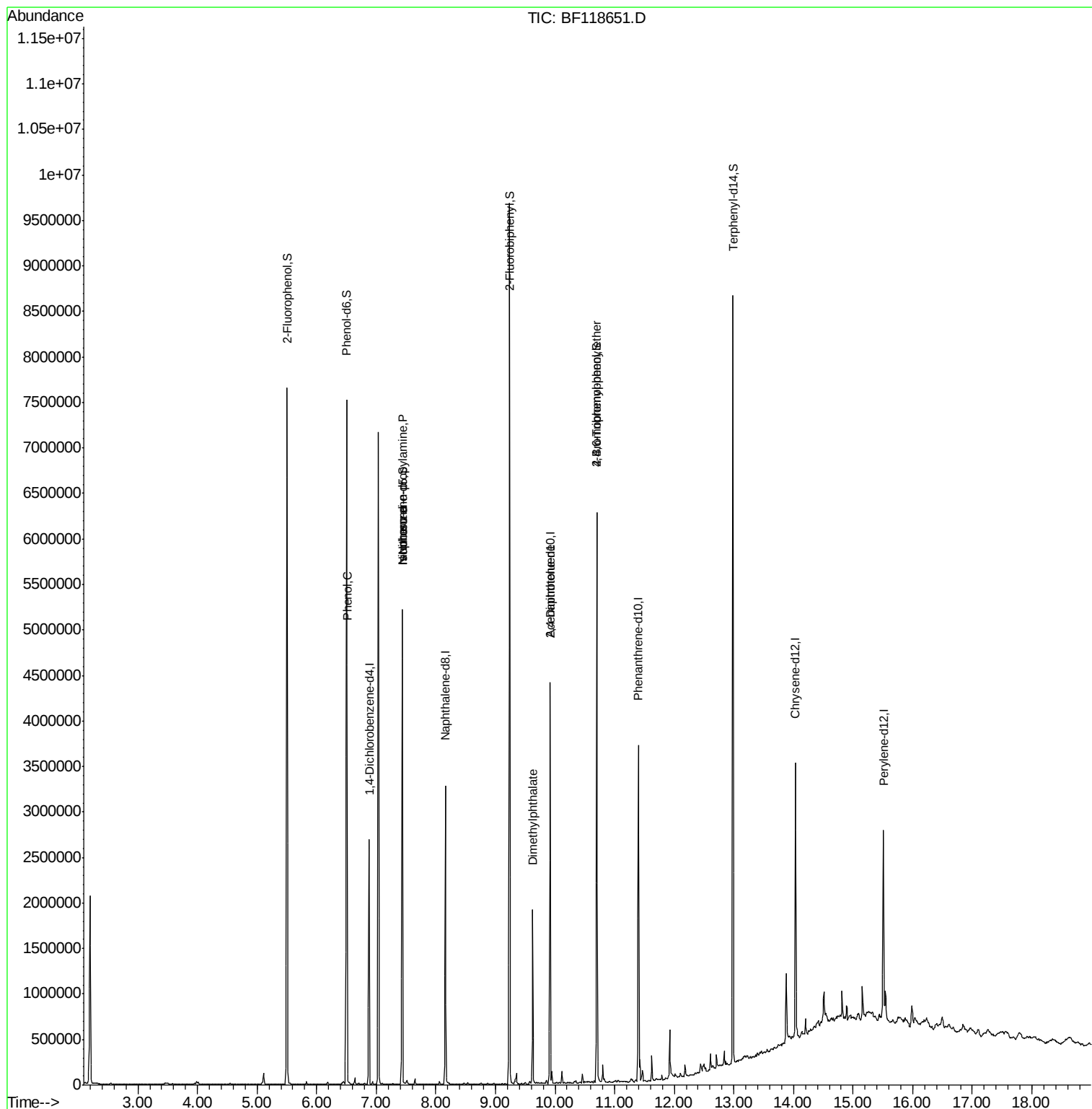
(#) = qualifier out of range (m) = manual integration (+) = signals summed

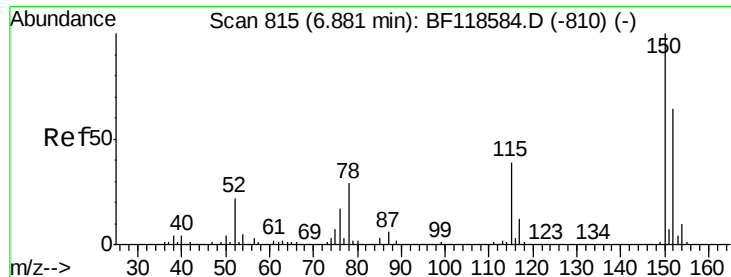
Data File : BF118651.D

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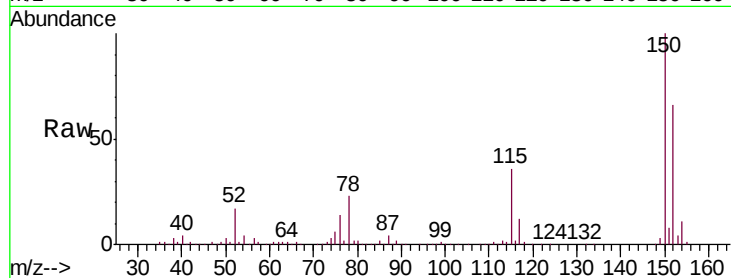


#1

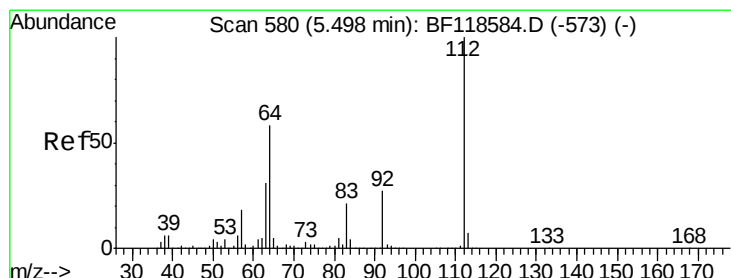
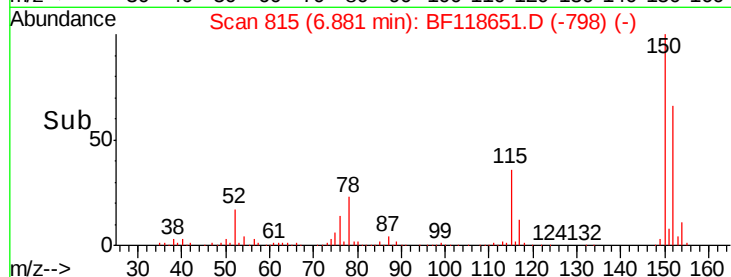
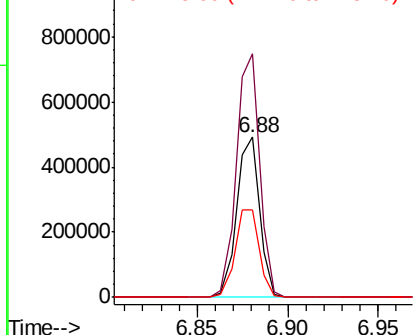
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Tgt Ion:152 Resp: 431368
Ion Ratio Lower Upper
152 100
150 152.1 125.6 188.4
115 54.8 48.4 72.6



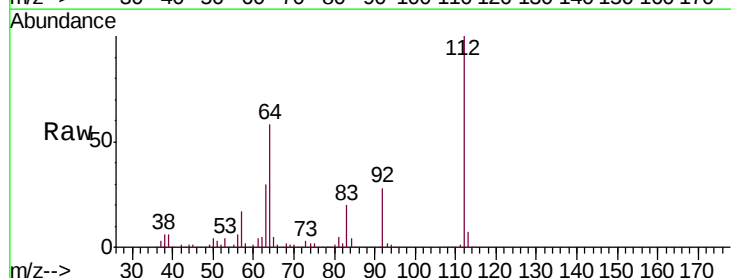
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



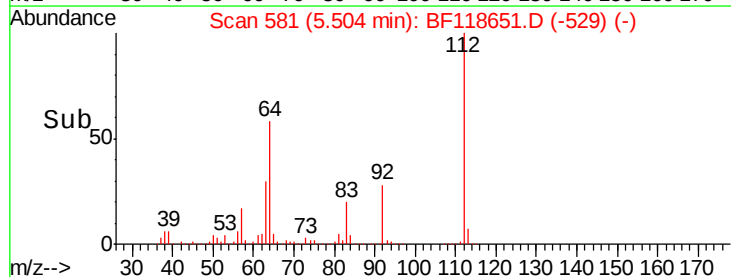
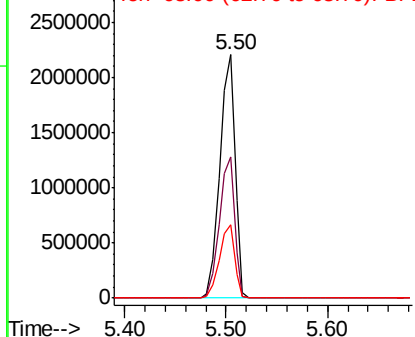
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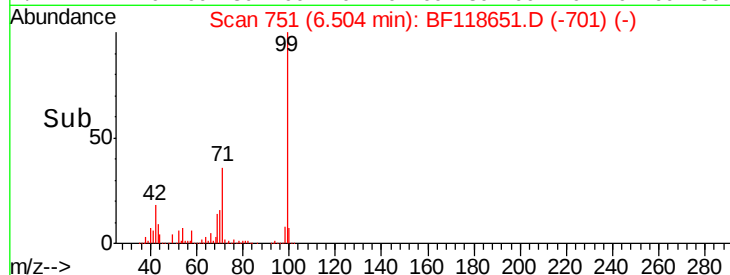
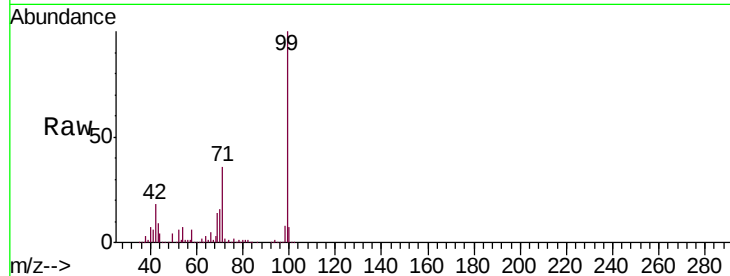
2-Fluorophenol
Concen: 99.356 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:112 Resp: 2307663
Ion Ratio Lower Upper
112 100
64 57.8 46.6 70.0
63 30.3 25.1 37.7



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: 97.994 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

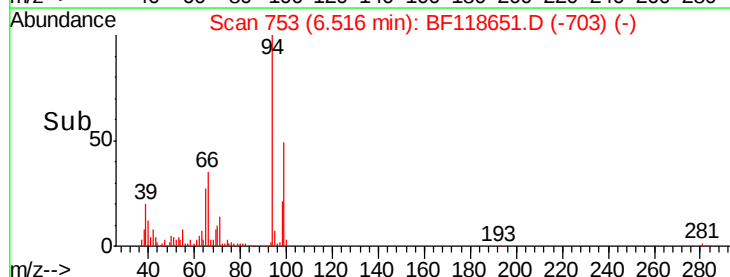
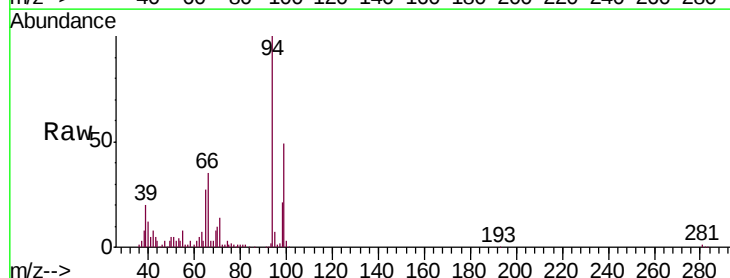
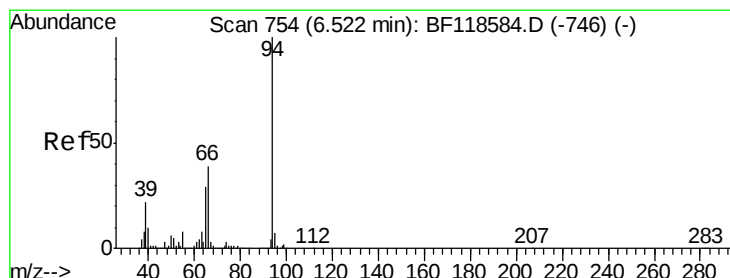
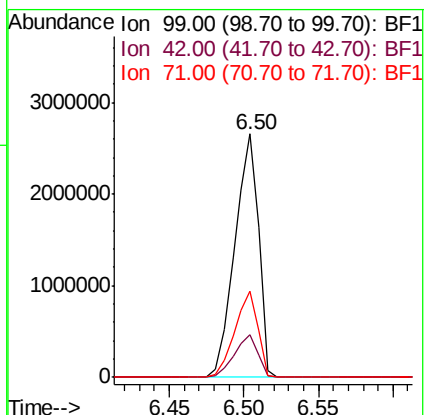
Tgt Ion: 99 Resp: 2958241

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

71 35.6 27.8 41.6



#10

Phenol

Concen: 2.838 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

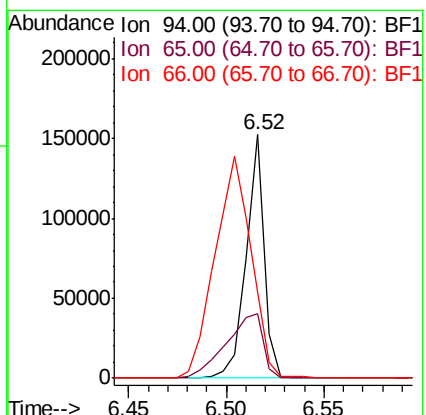
Tgt Ion: 94 Resp: 97634

Ion Ratio Lower Upper

94 100

65 26.7 9.5 49.5

66 35.4 18.5 58.5

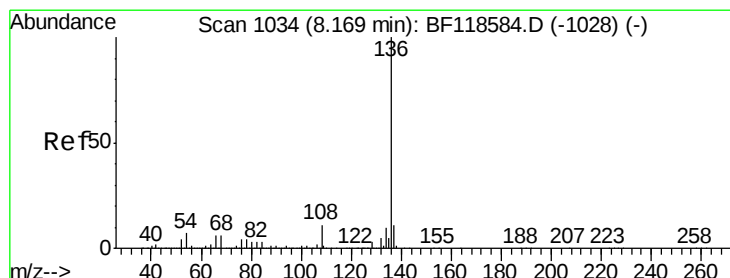
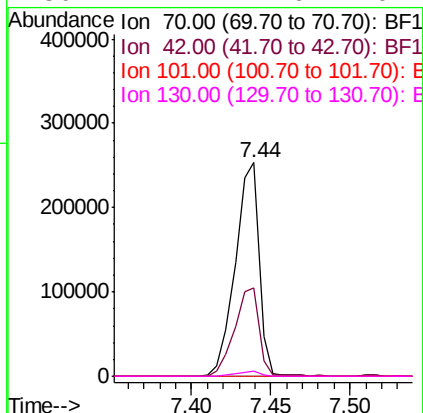
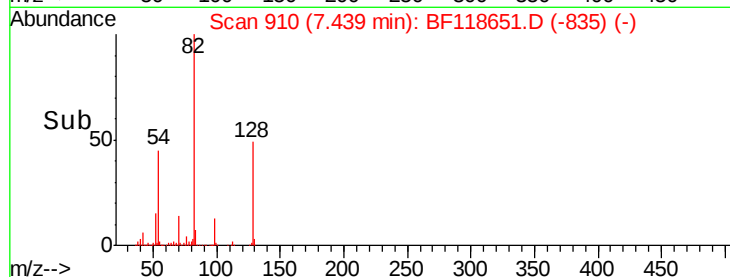
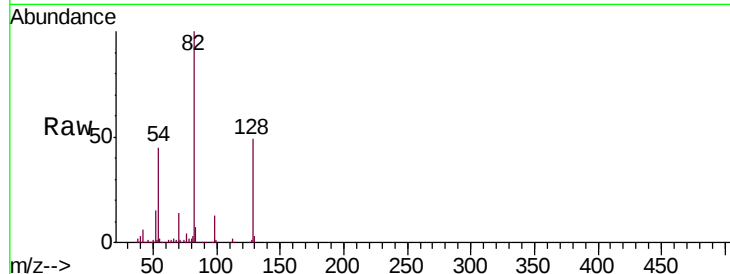




#19
n-Nitroso-di-n-propylamine
Concen: 12.971 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

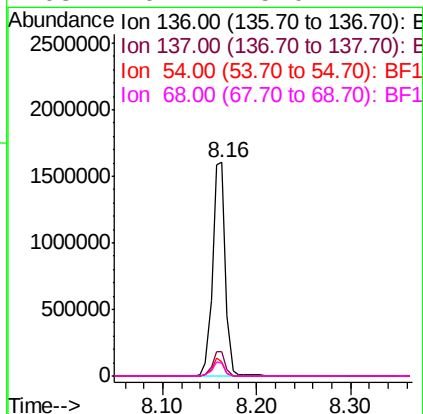
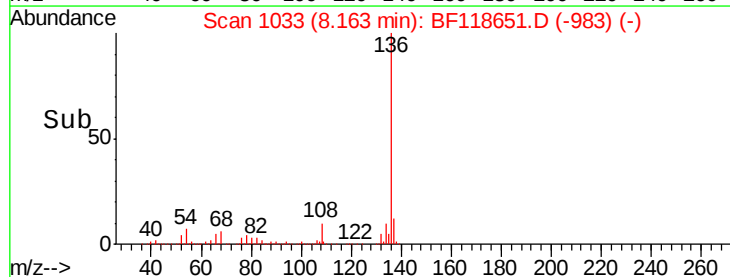
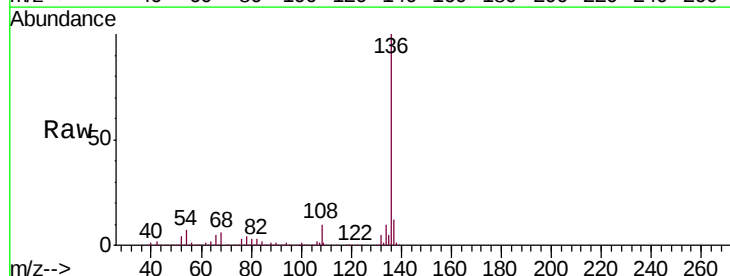
Instrument :
BNA_F
ClientSampleId :
BU-03-012020

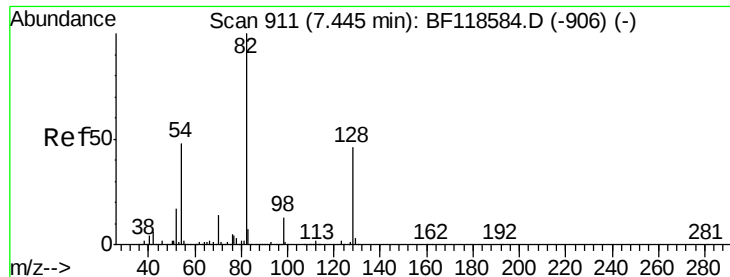
Tgt Ion:	70	Resp:	264392
Ion	Ratio	Lower	Upper
70	100		
42	41.6	43.4	65.0#
101	0.0	8.1	12.1#
130	2.2	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:	136	Resp:	1554609
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.8	5.8	8.6
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 67.890 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

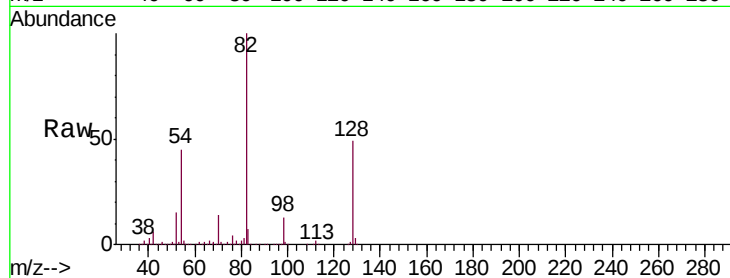
BNA_F

ClientSampleId :

BU-03-012020

Tgt Ion: 82 Resp: 1886917

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.6	54.8
54	45.1	38.0	57.0

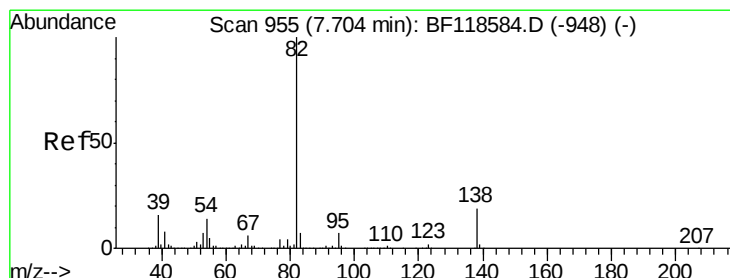
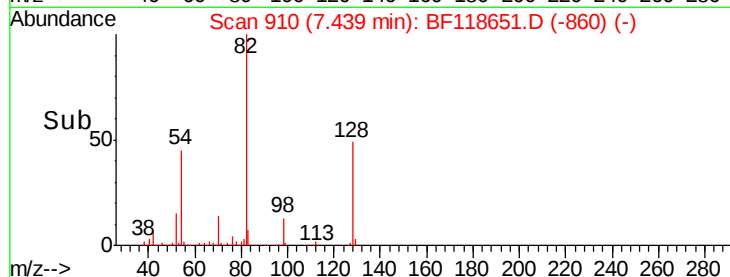
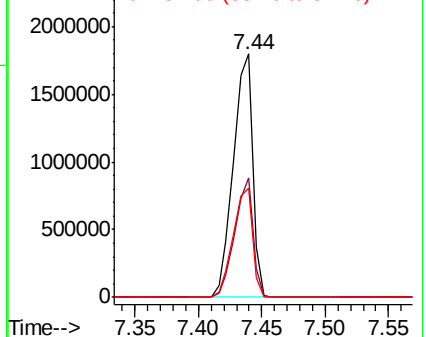


Abundance

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: 36.947 ng

RT: 7.44 min Scan# 910

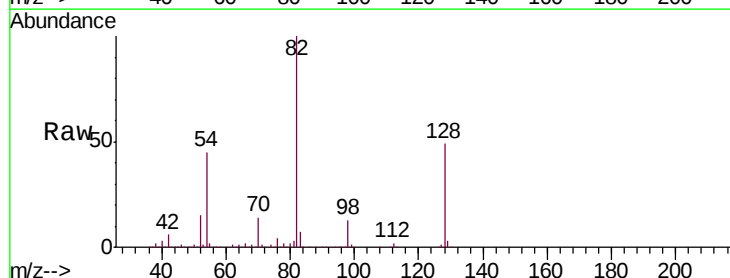
Delta R.T. -0.26 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Tgt Ion: 82 Resp: 1872997

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.3	22.9#

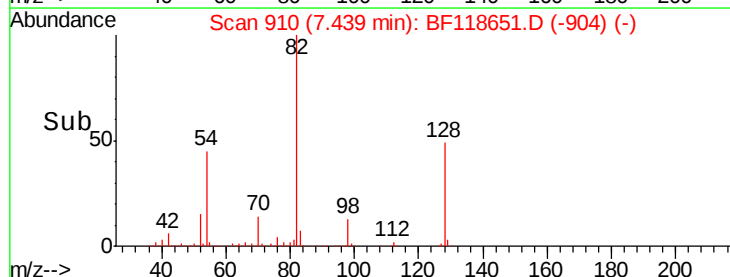
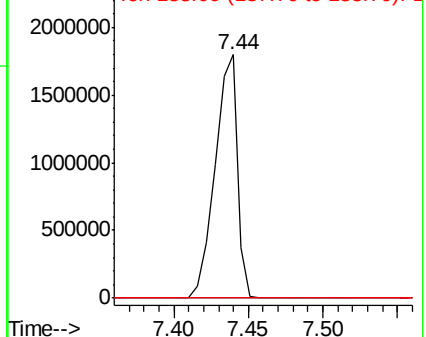


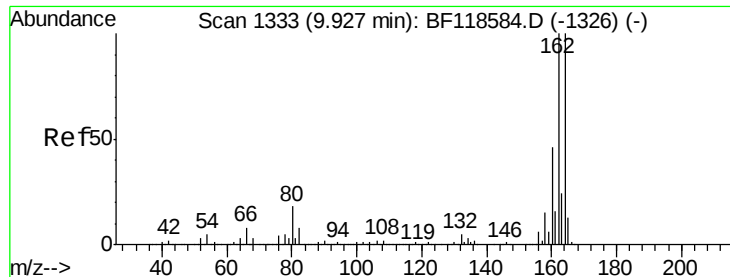
Abundance

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

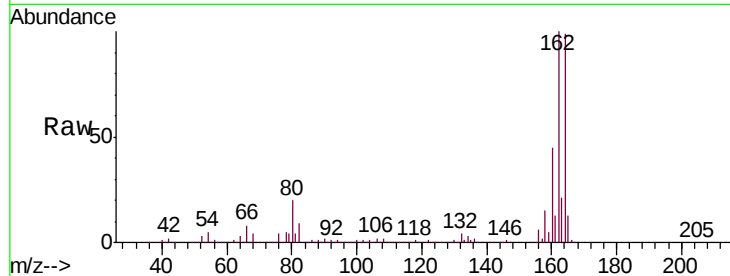




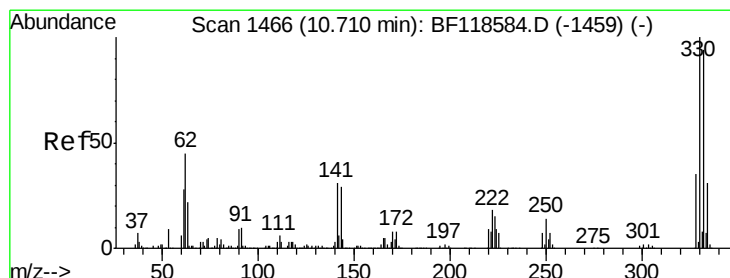
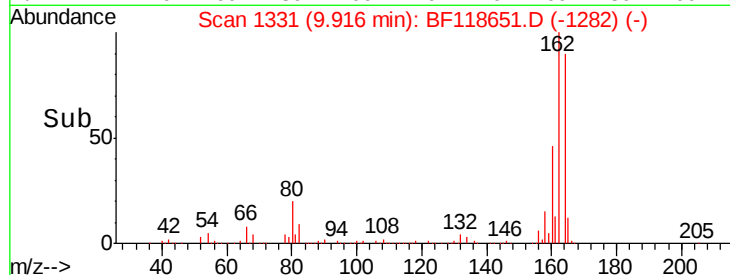
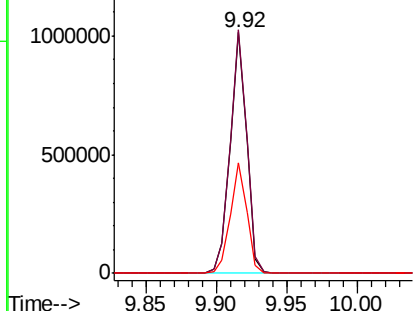
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118651.D
 Acq: 22 Jan 2020 00:04

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-012020

Tgt Ion:164 Resp: 826643
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.4 120.6
 160 45.8 36.6 55.0

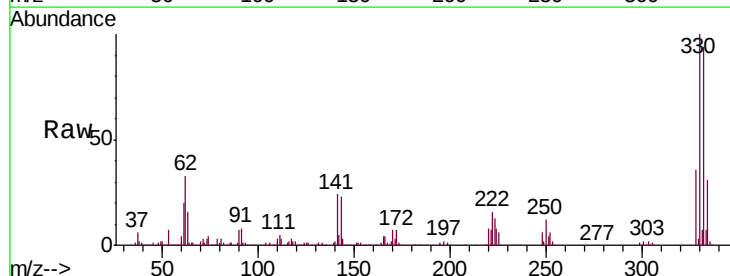


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

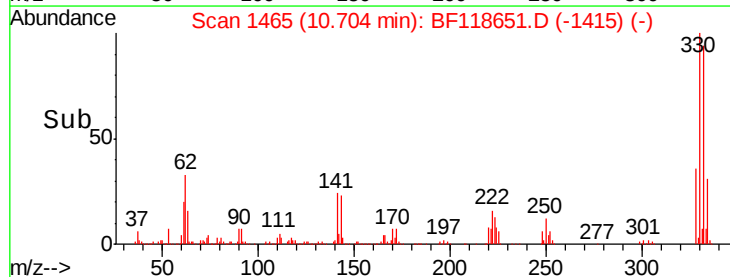
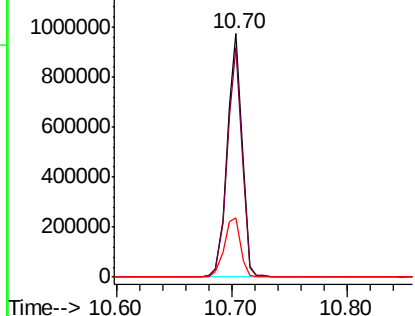


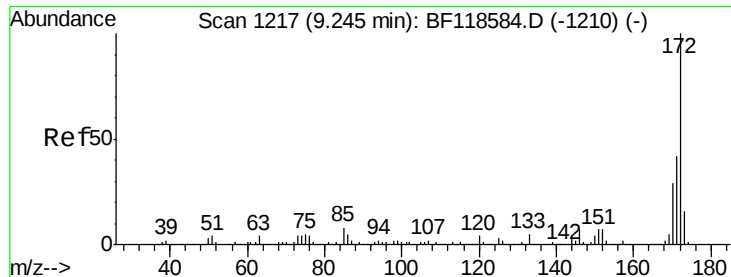
#42
 2,4,6-Tribromophenol
 Concen: 90.050 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118651.D
 Acq: 22 Jan 2020 00:04

Tgt Ion:330 Resp: 860986
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 27.2 23.9 35.9



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

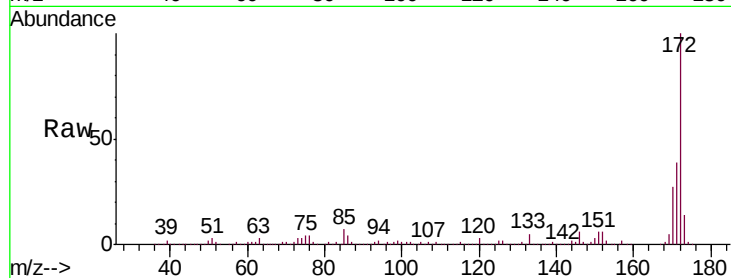




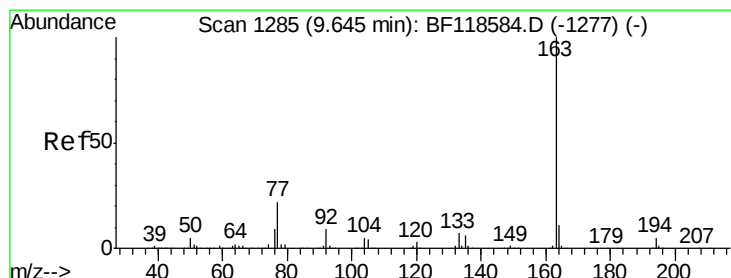
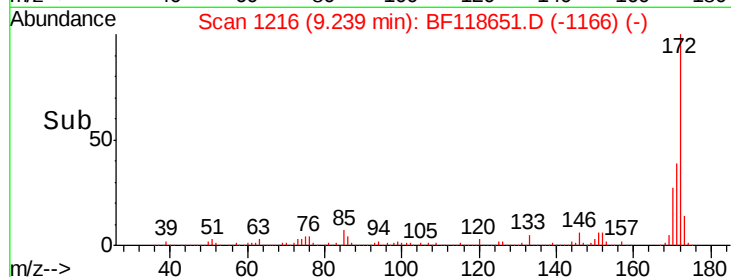
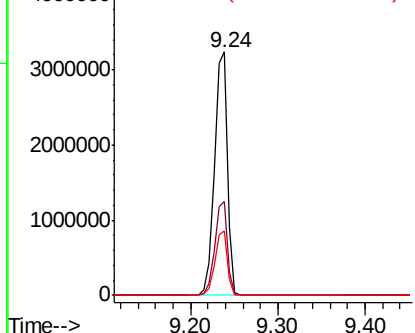
#45
2-Fluorobiphenyl
Concen: 66.058 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Tgt Ion:172 Resp: 3322348
Ion Ratio Lower Upper
172 100
171 38.6 33.4 50.2
170 26.7 23.2 34.8

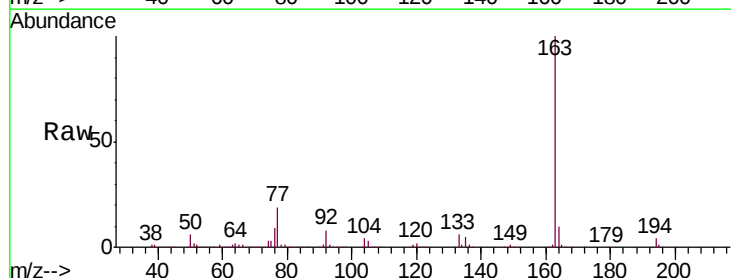


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

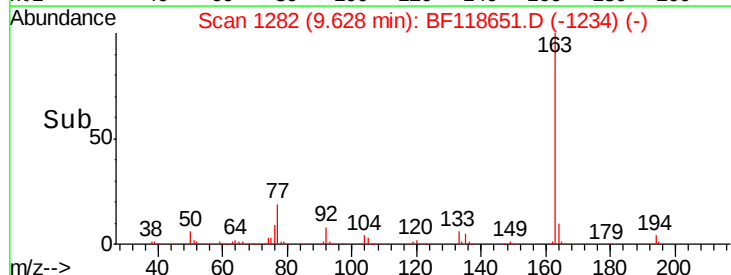
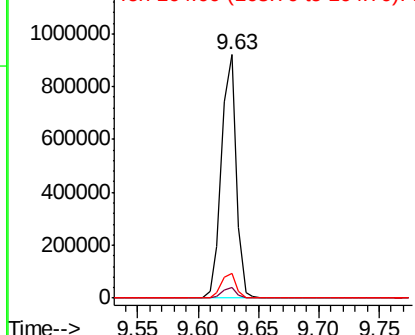


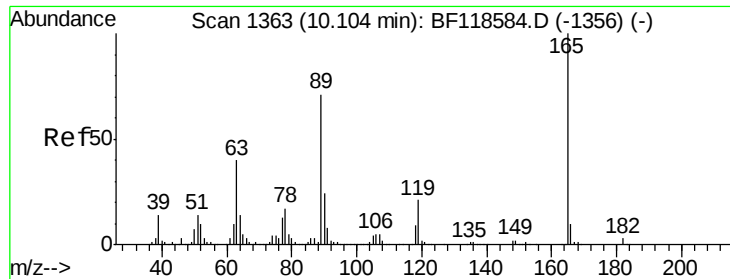
#50
Dimethylphthalate
Concen: 14.374 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:163 Resp: 774116
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.2 9.1 13.7



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

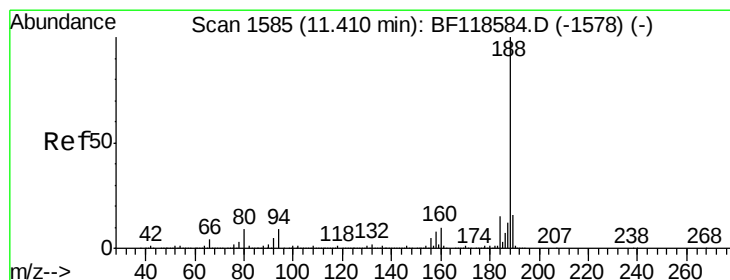
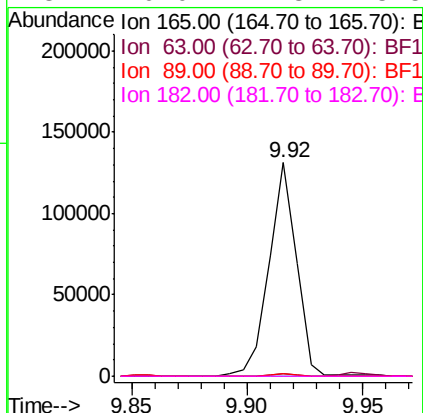
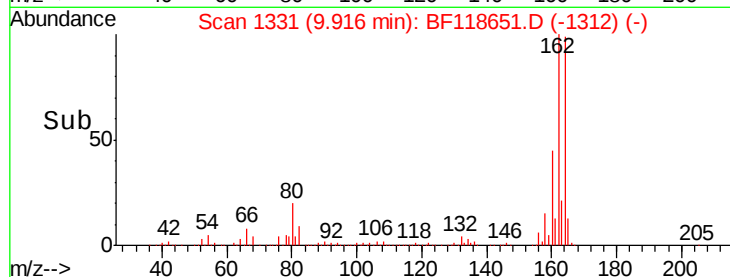
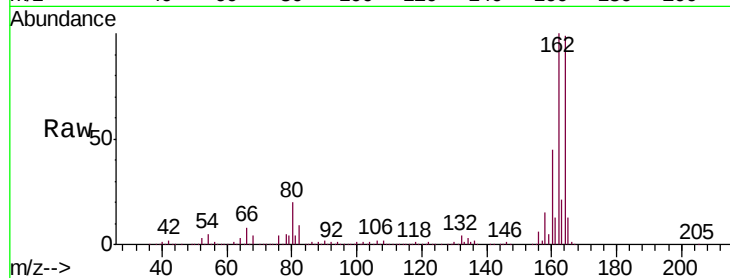




#57
2,4-Dinitrotoluene
Concen: 7.121 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

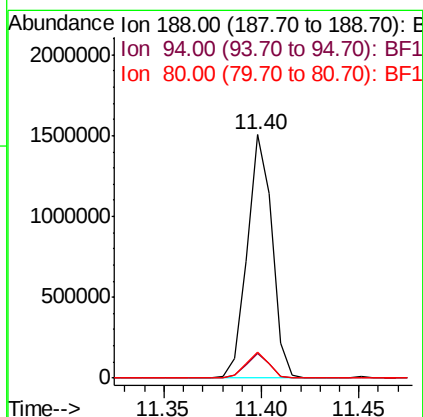
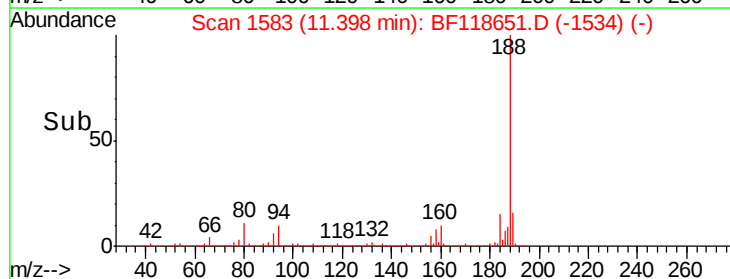
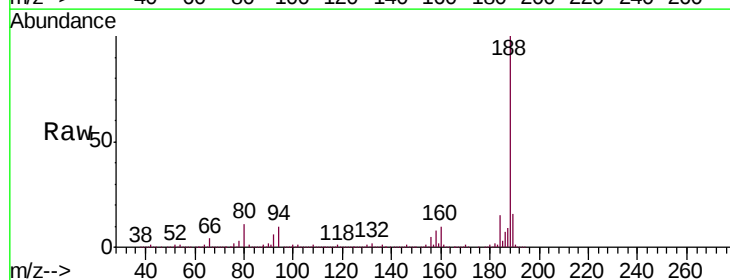
Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	10.8	7.5	11.3

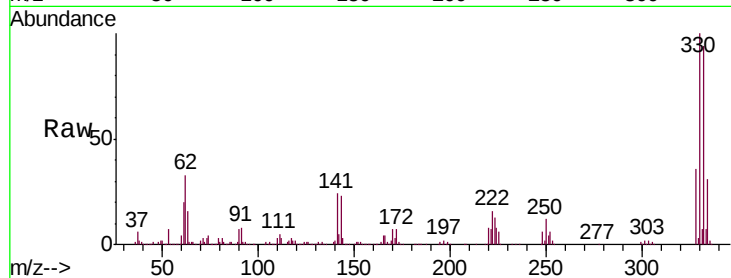




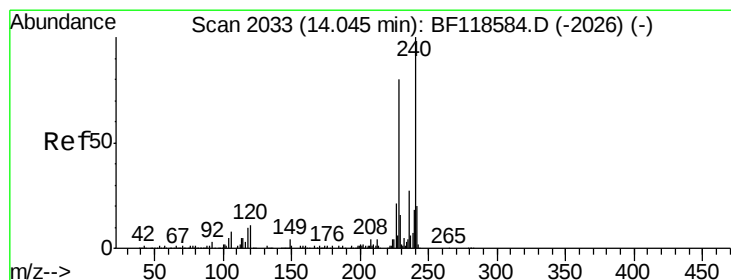
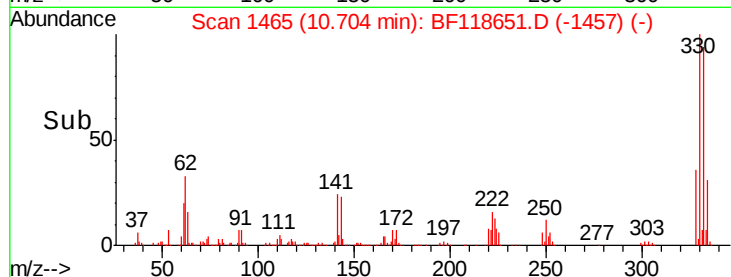
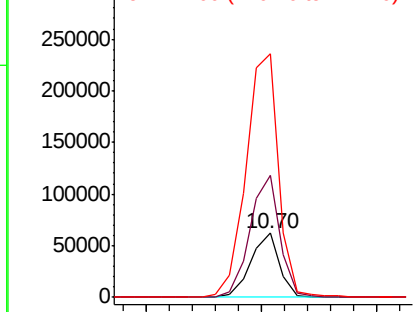
#67
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Instrument :
BNA_F
ClientSampleId :
BU-03-012020

Tgt Ion:248 Resp: 54029
Ion Ratio Lower Upper
248 100
250 191.4 78.7 118.1#
141 380.5 43.2 64.8#

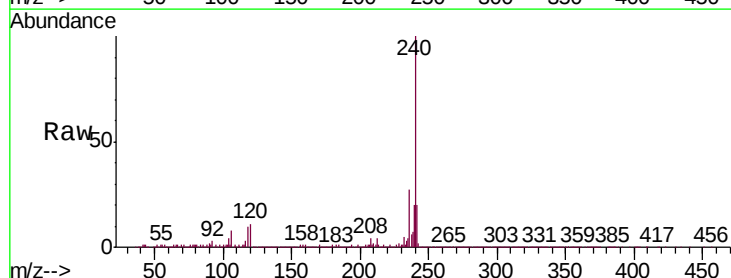


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

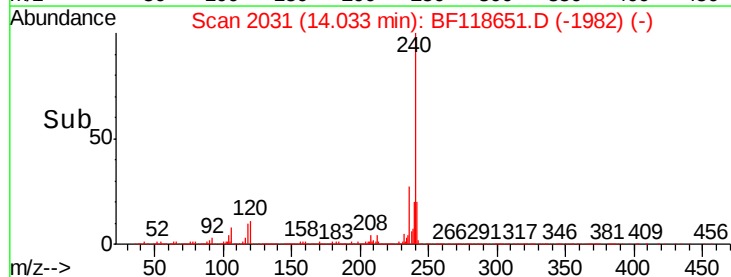
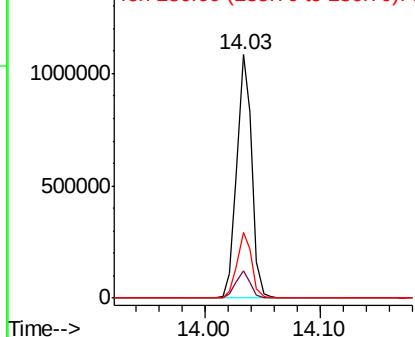


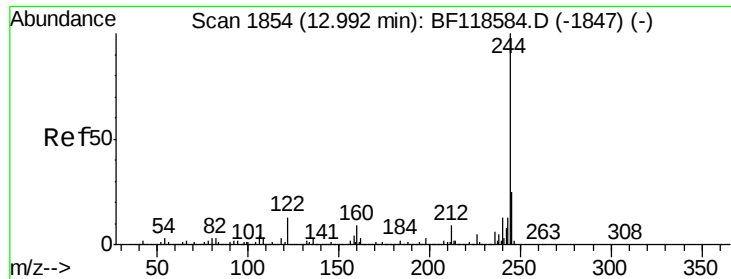
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118651.D
Acq: 22 Jan 2020 00:04

Tgt Ion:240 Resp: 969126
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.9 21.5 32.3



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: 69.937 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

Instrument :

BNA_F

ClientSampleId :

BU-03-012020

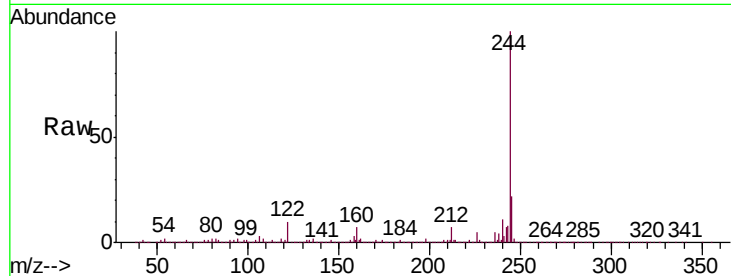
Tgt Ion:244 Resp: 3107526

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

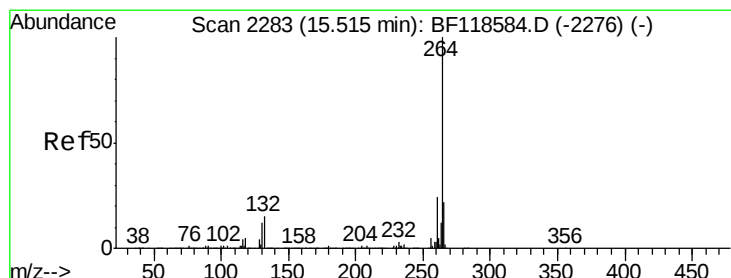
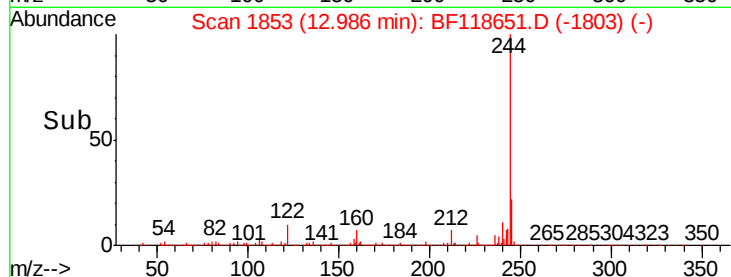
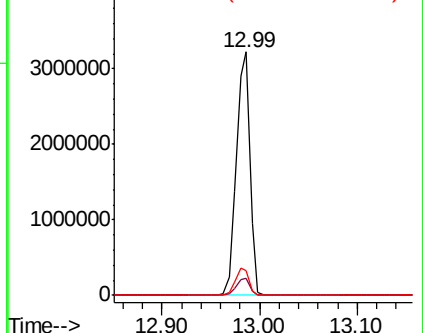
122 10.3 10.7 16.1#



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118651.D

Acq: 22 Jan 2020 00:04

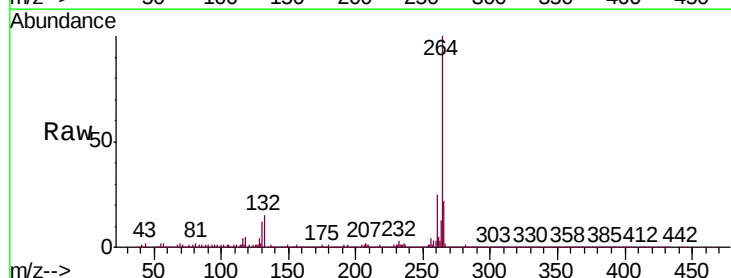
Tgt Ion:264 Resp: 1071577

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 22.3 17.7 26.5



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

