

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113147.D
 Acq On : 20 Mar 2019 2:09
 Operator : JU/SJ
 Sample : K1933-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Quant Time: Mar 20 07:18:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

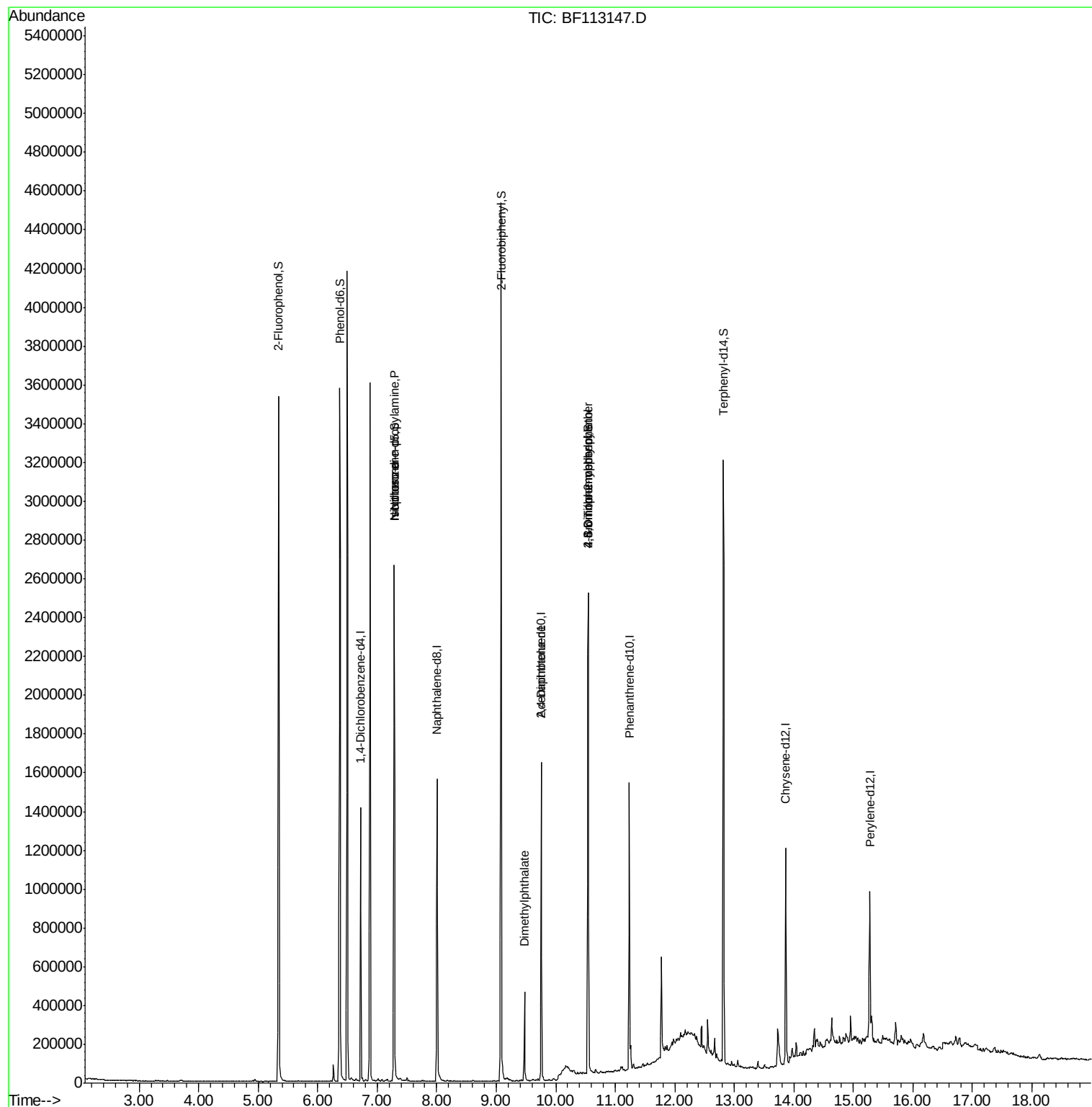
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	202913	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	736766	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	325240	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	554844	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	384645	20.00	ng	0.00
87) Perylene-d12	15.27	264	365541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1150287	88.18	ng	0.00
7) Phenol-d6	6.37	99	1548958	94.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	926520	75.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	353169	102.28	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1489238	73.12	ng	-0.01
79) Terphenyl-d14	12.82	244	1147688	57.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	124458	11.993	ng	# 75
25) Isophorone	7.29	82	916274	34.543	ng	# 66
50) Dimethylphthalate	9.47	163	205616	8.574	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	41760	6.727	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	489	4.807	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20591	3.523	ng	# 1

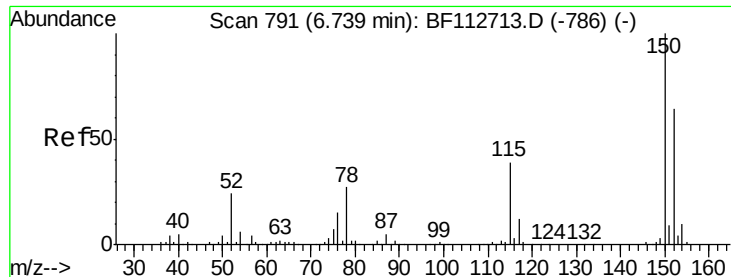
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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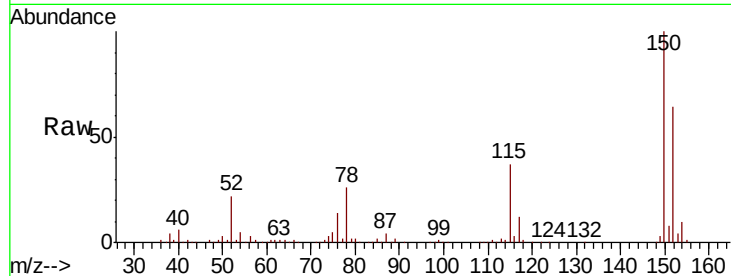


#1

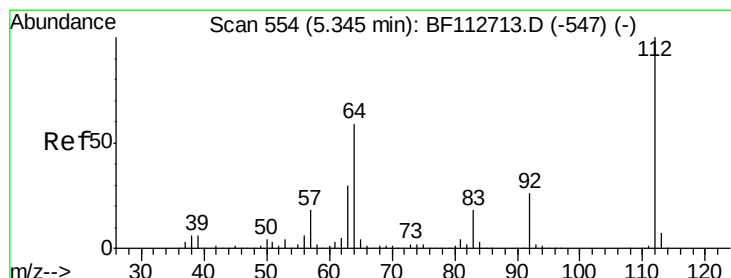
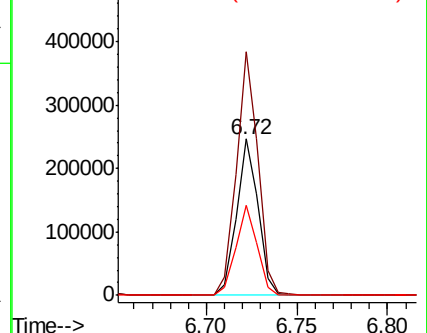
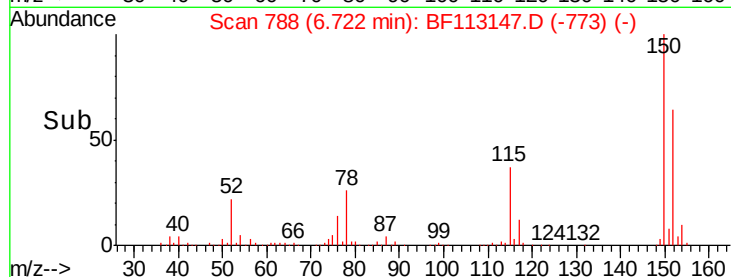
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Instrument :
BNA_F
ClientSampleId :
S-4

Tgt Ion:152 Resp: 202913
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 57.8 48.2 72.4



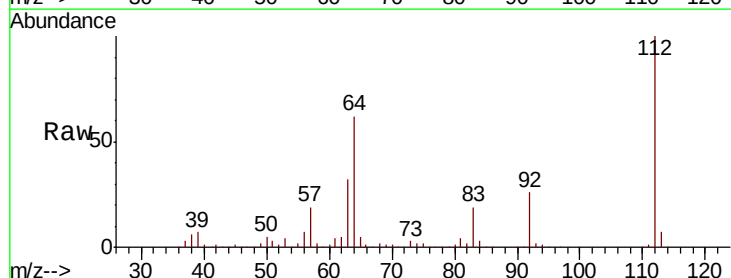
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



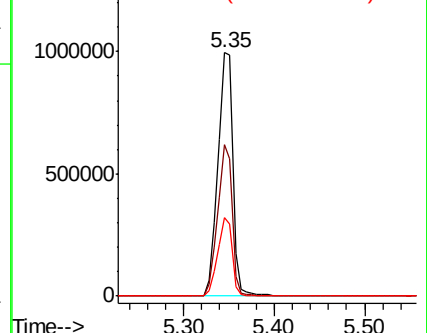
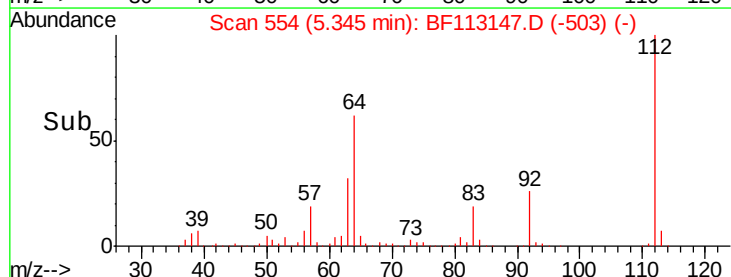
#5

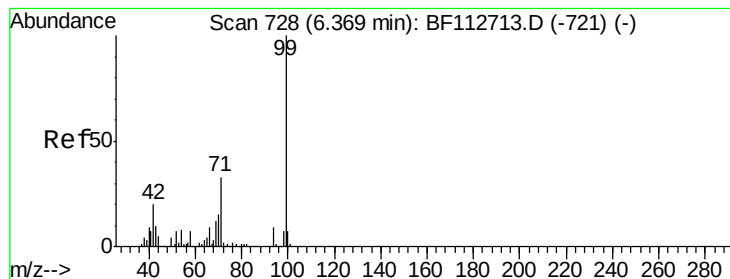
2-Fluorophenol
Concen: 88.182 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Tgt Ion:112 Resp: 1150287
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 32.0 24.4 36.6



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: 94.529 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampleId :

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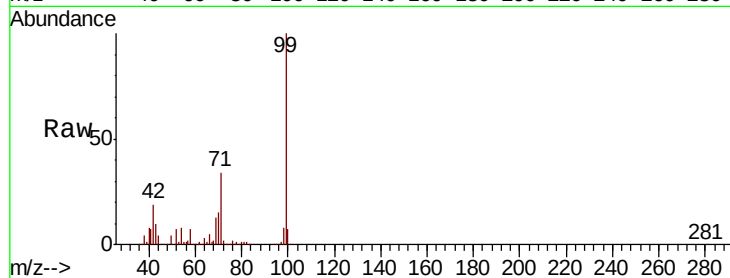
Tgt Ion: 99 Resp: 1548958

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

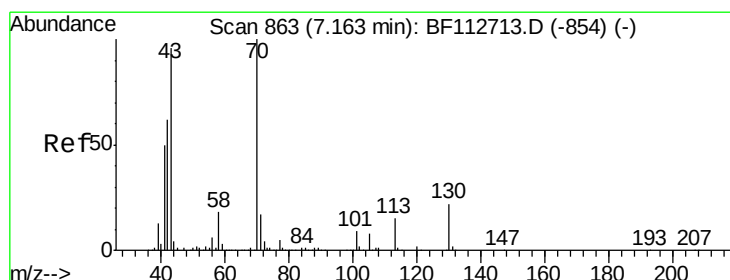
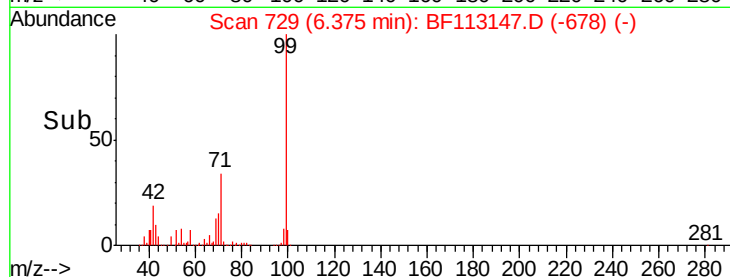
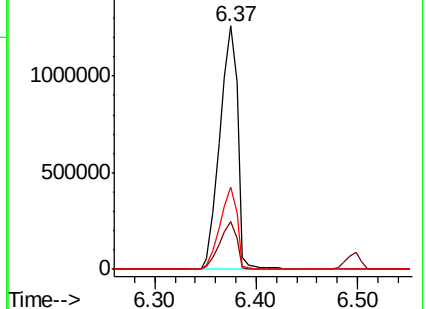
71 33.6 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.993 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Tgt Ion: 70 Resp: 124458

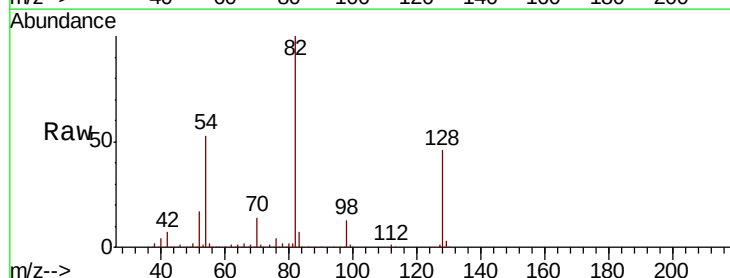
Ion Ratio Lower Upper

70 100

42 47.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

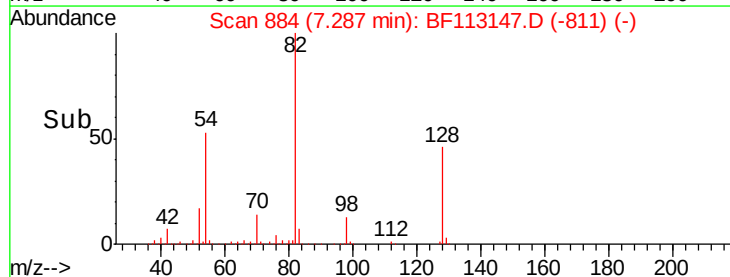
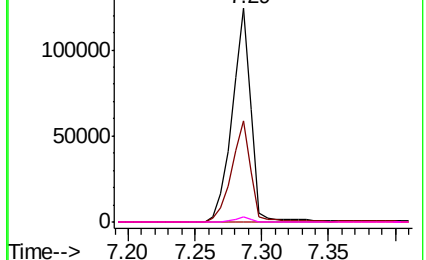


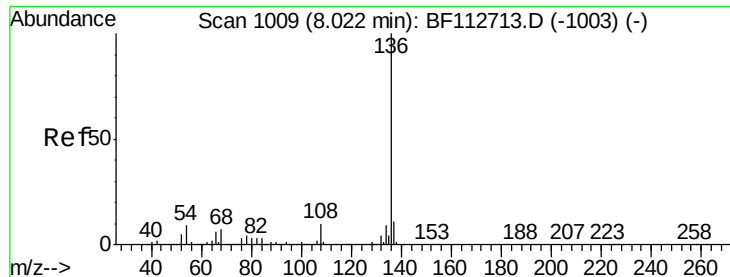
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

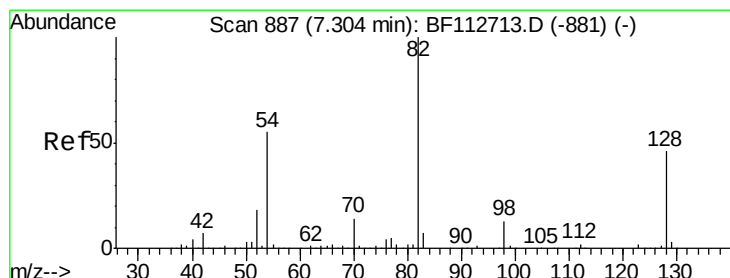
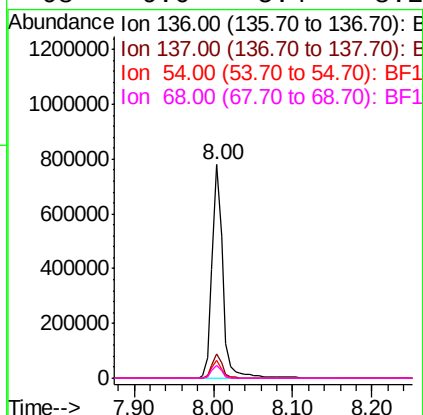
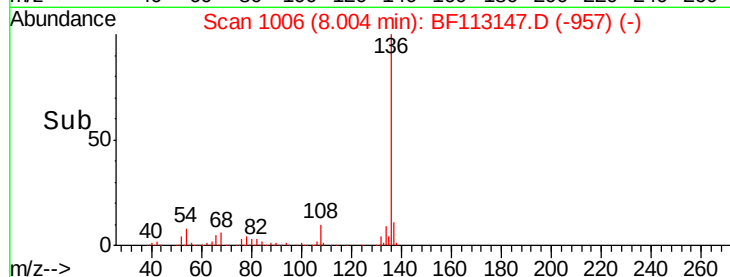
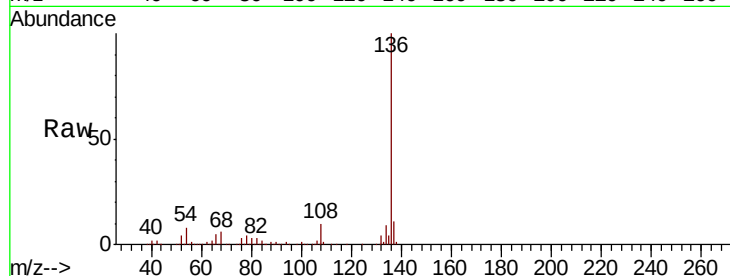




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

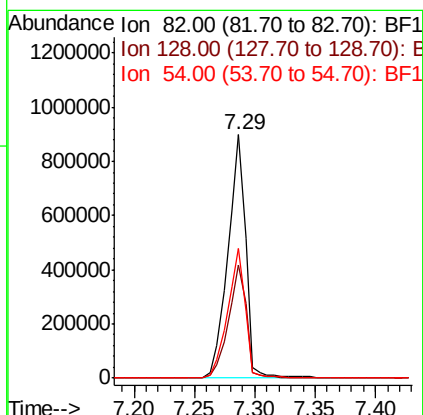
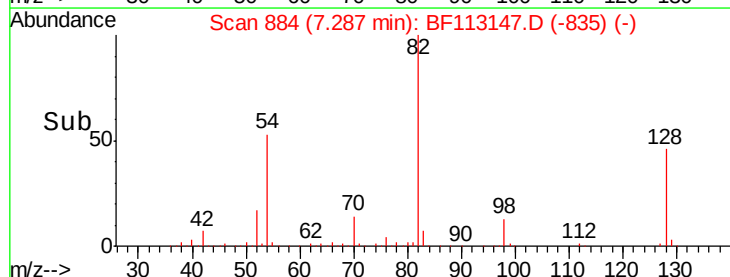
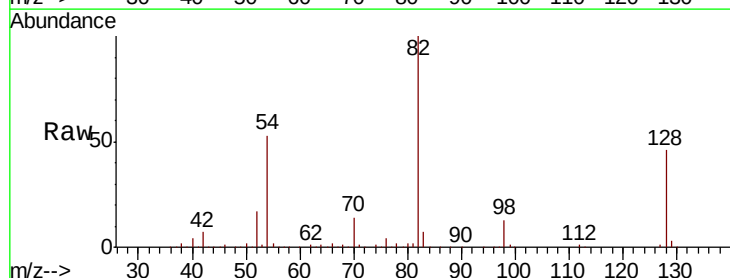
Instrument :
BNA_F
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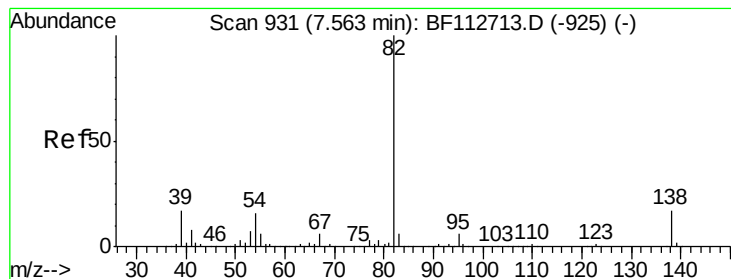
Tgt Ion:	136	Resp:	736766
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	7.3	10.9
68	6.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 75.249 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Tgt Ion:	82	Resp:	926520
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	53.5	43.7	65.5





#25

Isophorone

Concen: 34.543 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampled :

S-4

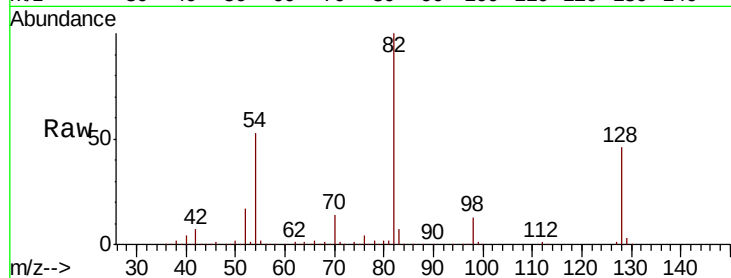
Tgt Ion: 82 Resp: 916274

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

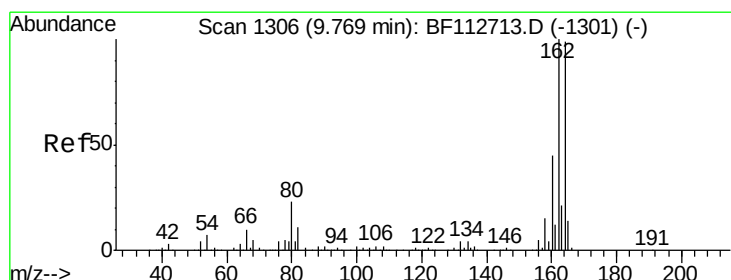
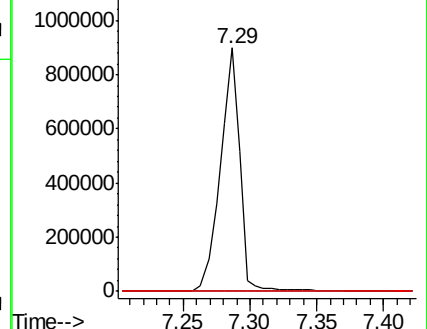
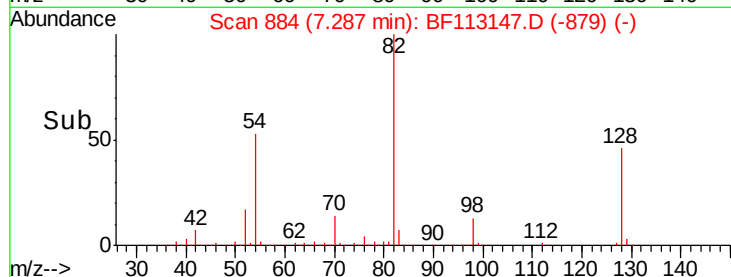
138 0.0 13.8 20.8#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

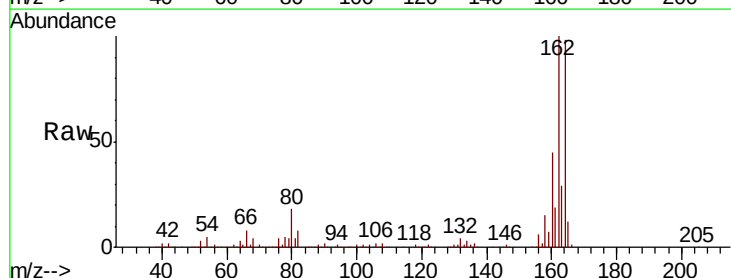
Tgt Ion: 164 Resp: 325240

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

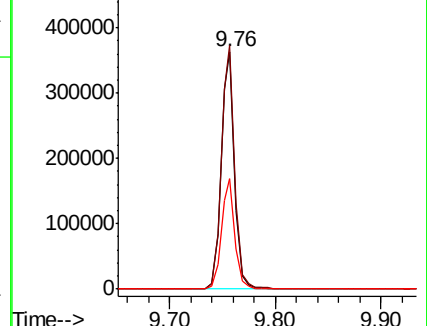
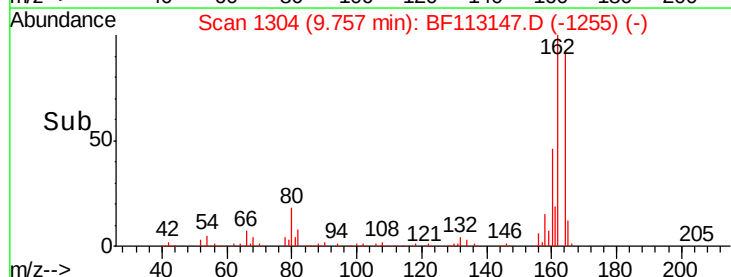
160 46.5 36.0 54.0

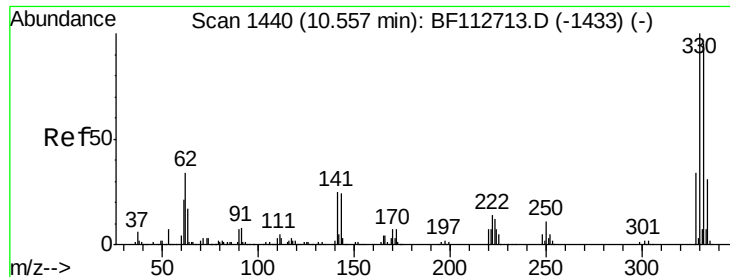


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.284 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampled :

S-4

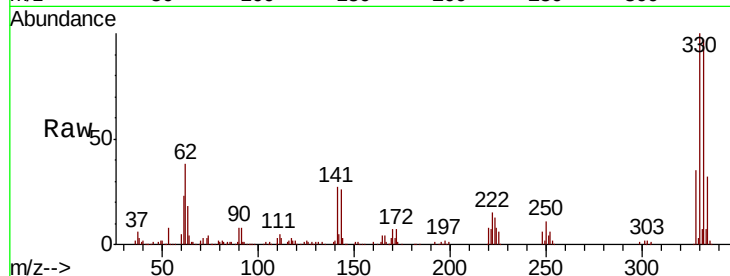
Tgt Ion:330 Resp: 353169

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

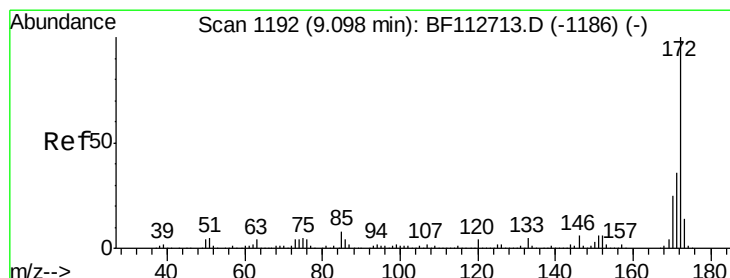
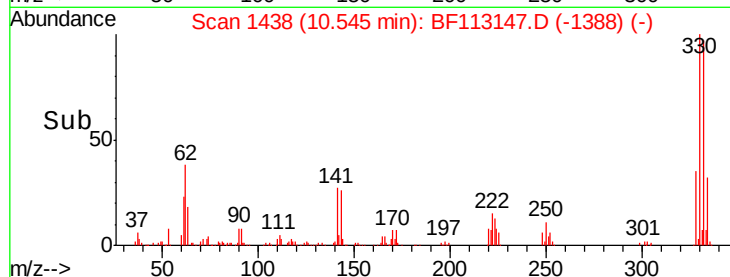
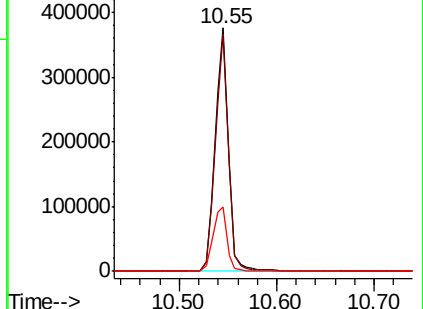
141 28.6 27.0 40.6



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: 73.117 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

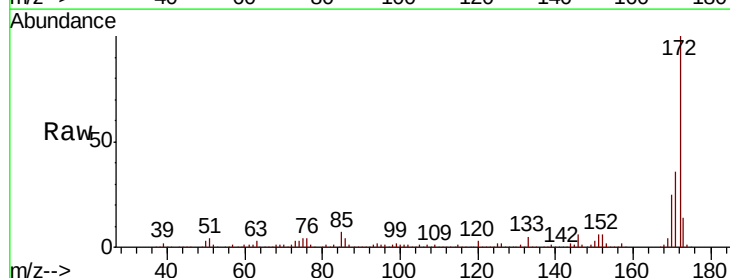
Tgt Ion:172 Resp: 1489238

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

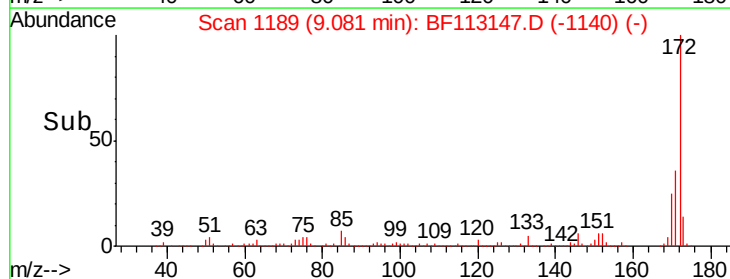
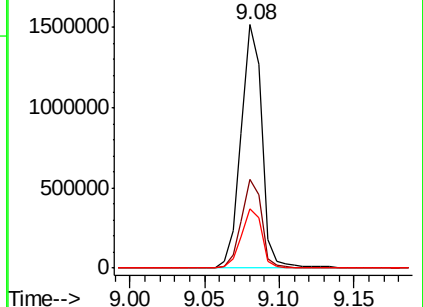
170 24.5 20.0 30.0

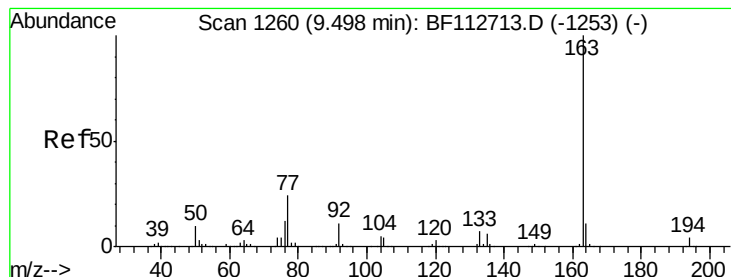


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.574 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

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ClientSampleId :

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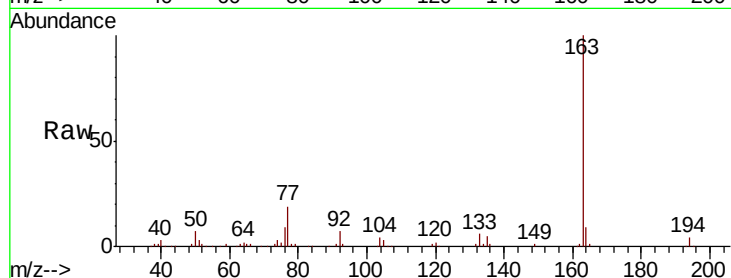
Tgt Ion:163 Resp: 205616

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

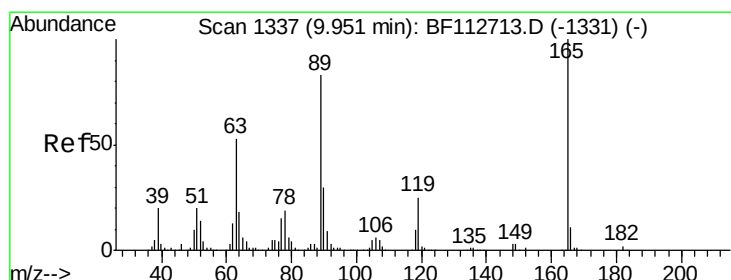
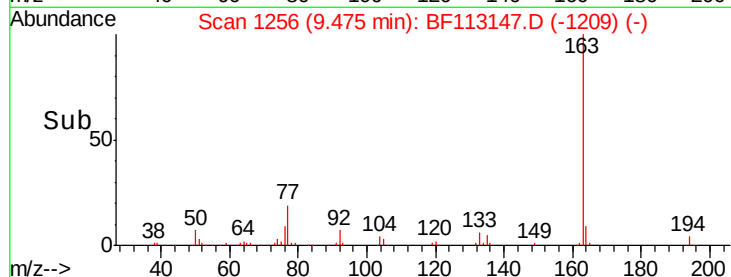
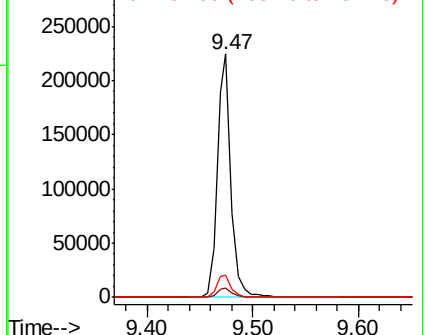
164 9.4 8.4 12.6



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: 6.727 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.20 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Tgt Ion:165 Resp: 41760

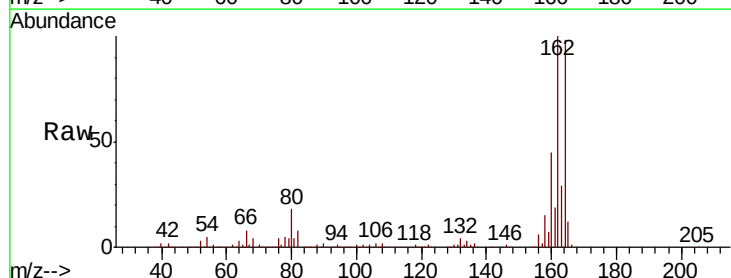
Ion Ratio Lower Upper

165 100

63 1.4 42.2 63.2#

89 1.4 66.2 99.4#

182 0.0 1.8 2.6#

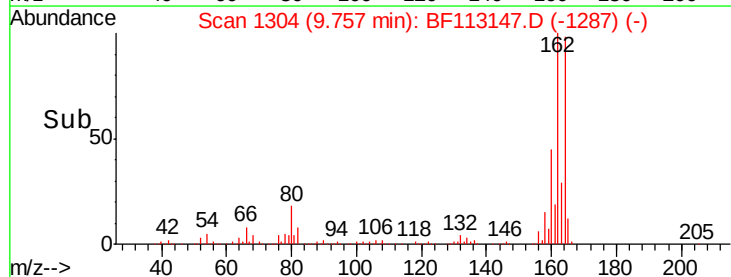
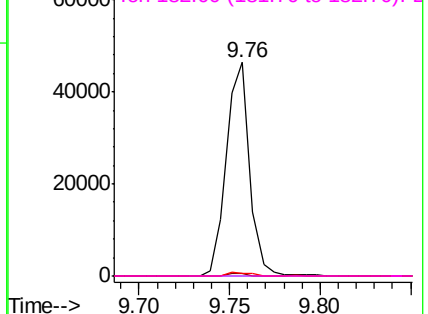


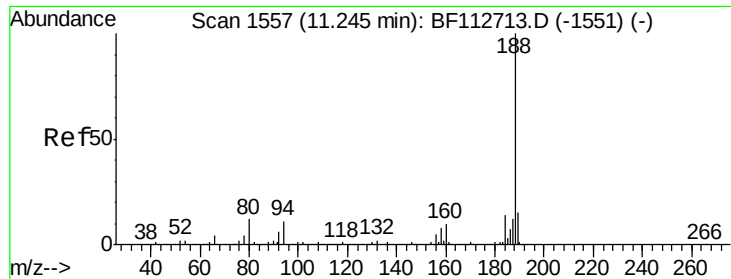
Abundance Ion 165.00 (164.70 to 165.70): E

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

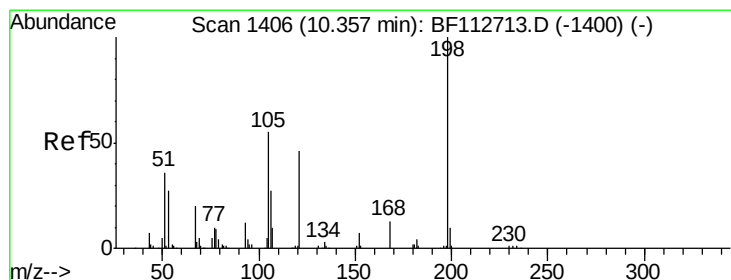
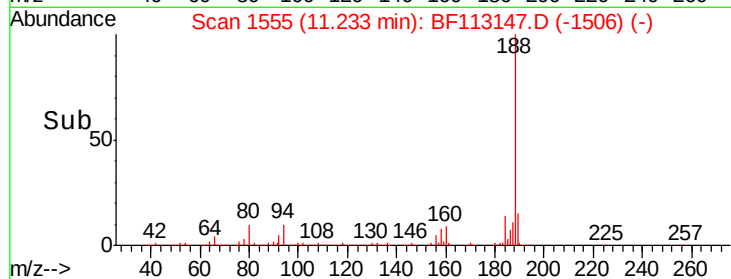
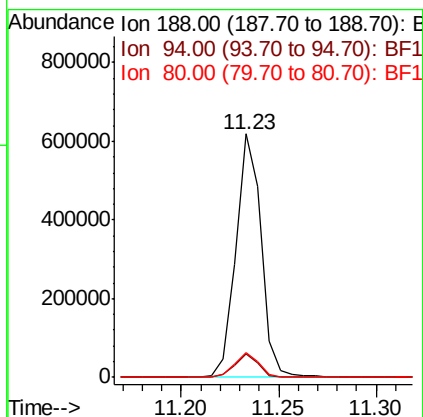
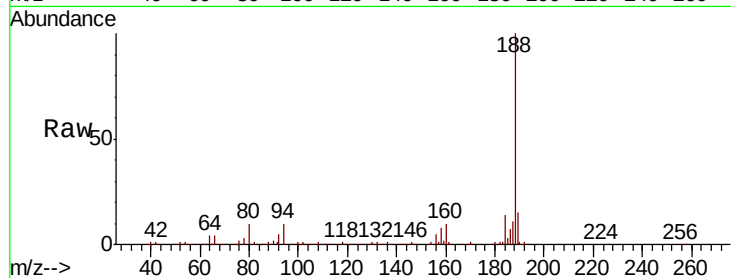




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

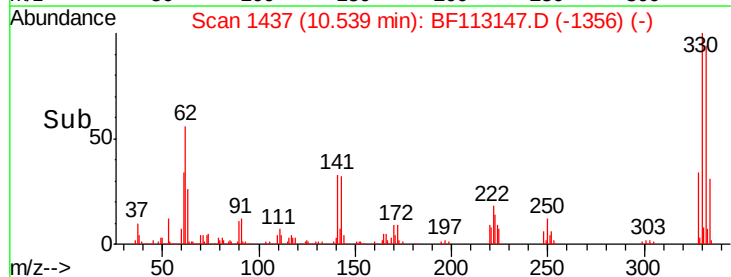
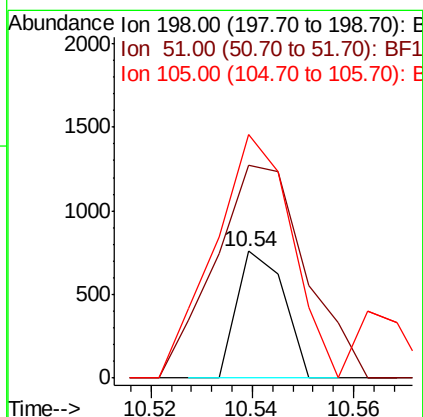
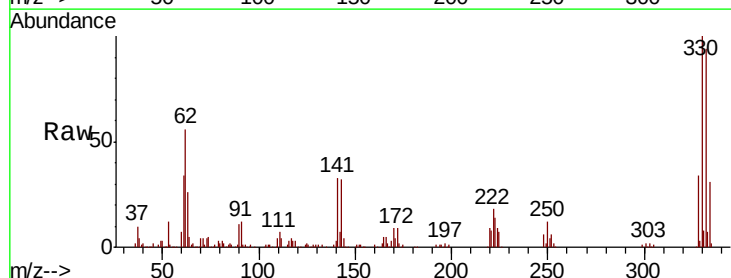
Instrument :
BNA_F
ClientSampleId :
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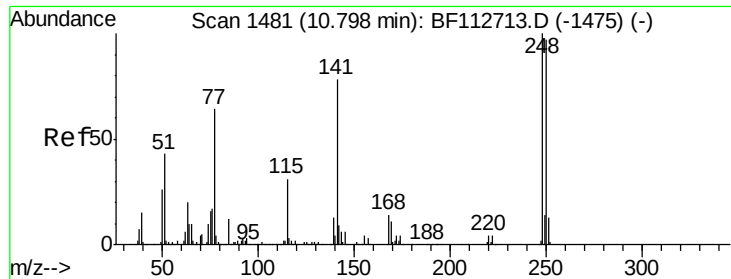
Tgt Ion:188 Resp: 554844
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 10.1 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.807 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Tgt Ion:198 Resp: 489
Ion Ratio Lower Upper
198 100
51 167.6 43.8 83.8#
105 191.8 36.5 76.5#

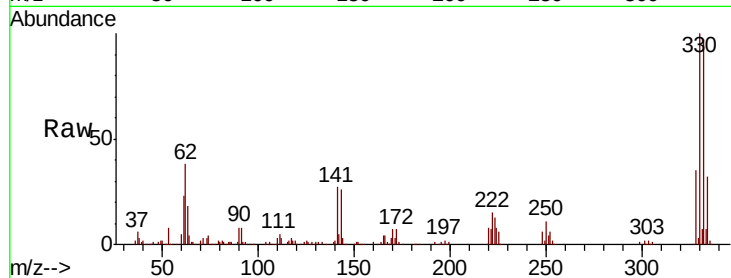




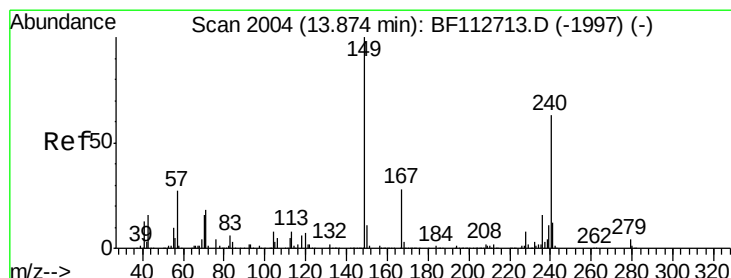
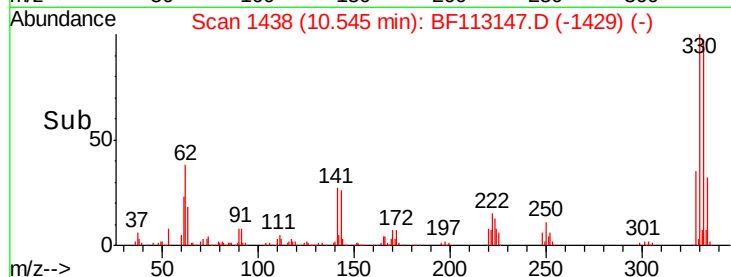
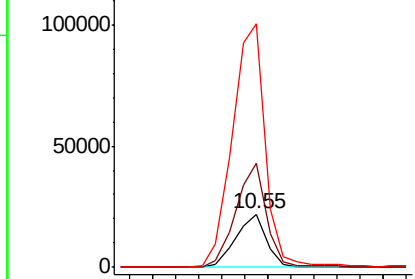
#67
4-Bromophenyl-phenylether
Concen: 3.523 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Instrument :
BNA_F
ClientSampled :
S-4

Tgt Ion:248 Resp: 20591
Ion Ratio Lower Upper
248 100
250 195.2 77.5 116.3#
141 458.0 62.4 93.6#

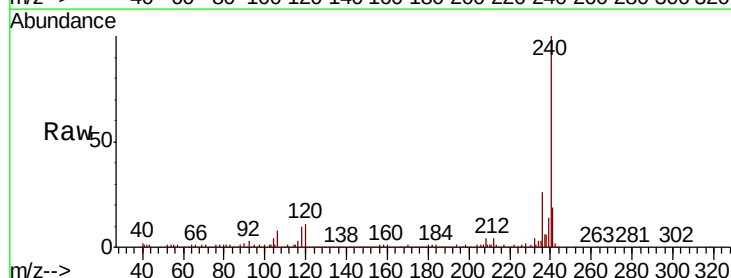


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

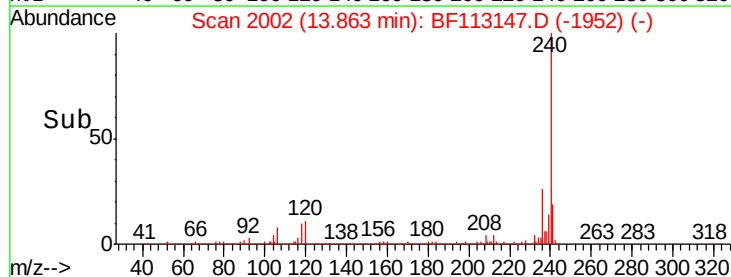
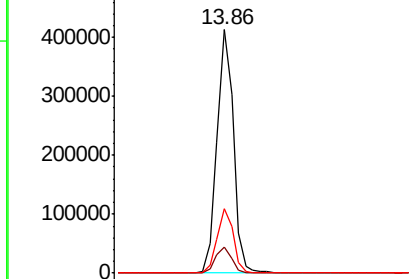


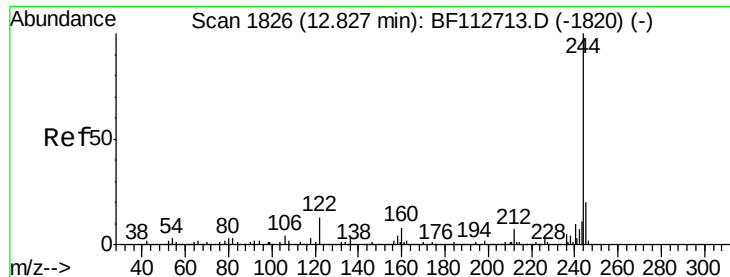
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113147.D
Acq: 20 Mar 2019 2:09

Tgt Ion:240 Resp: 384645
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.2 20.7 31.1



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: 57.840 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

Instrument :

BNA_F

ClientSampleId :

S-4

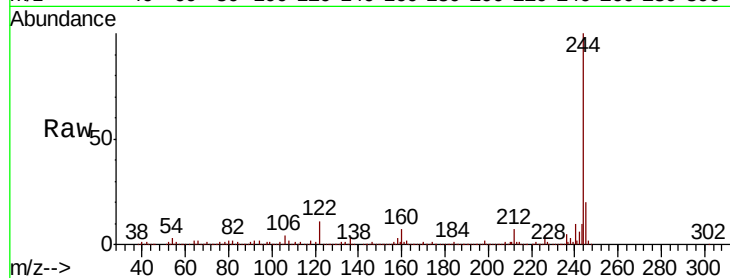
Tgt Ion:244 Resp: 1147688

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

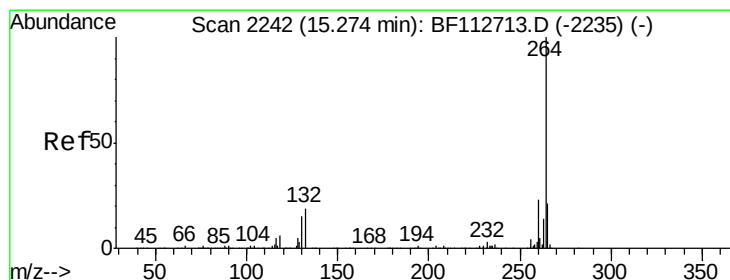
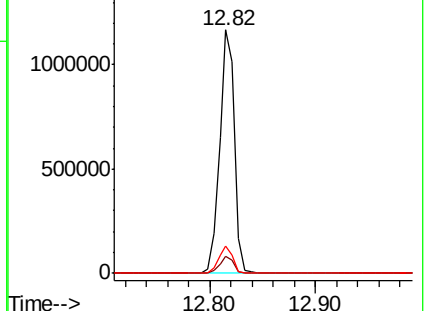
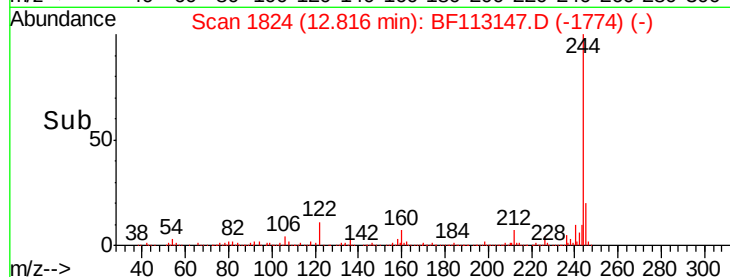
122 11.4 10.5 15.7



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113147.D

Acq: 20 Mar 2019 2:09

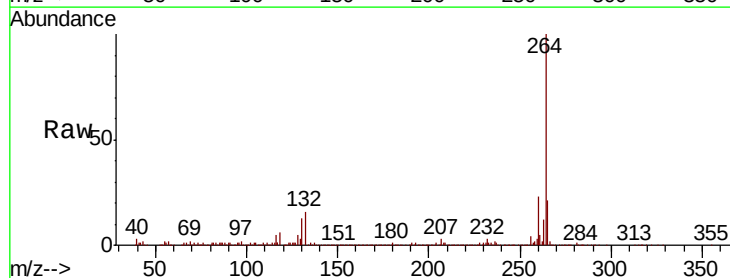
Tgt Ion:264 Resp: 365541

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.3 17.2 25.8



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

