

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112799.D
 Acq On : 1 Mar 2019 14:58
 Operator : JU/SJ
 Sample : K1655-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2

Quant Time: Mar 01 21:57:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

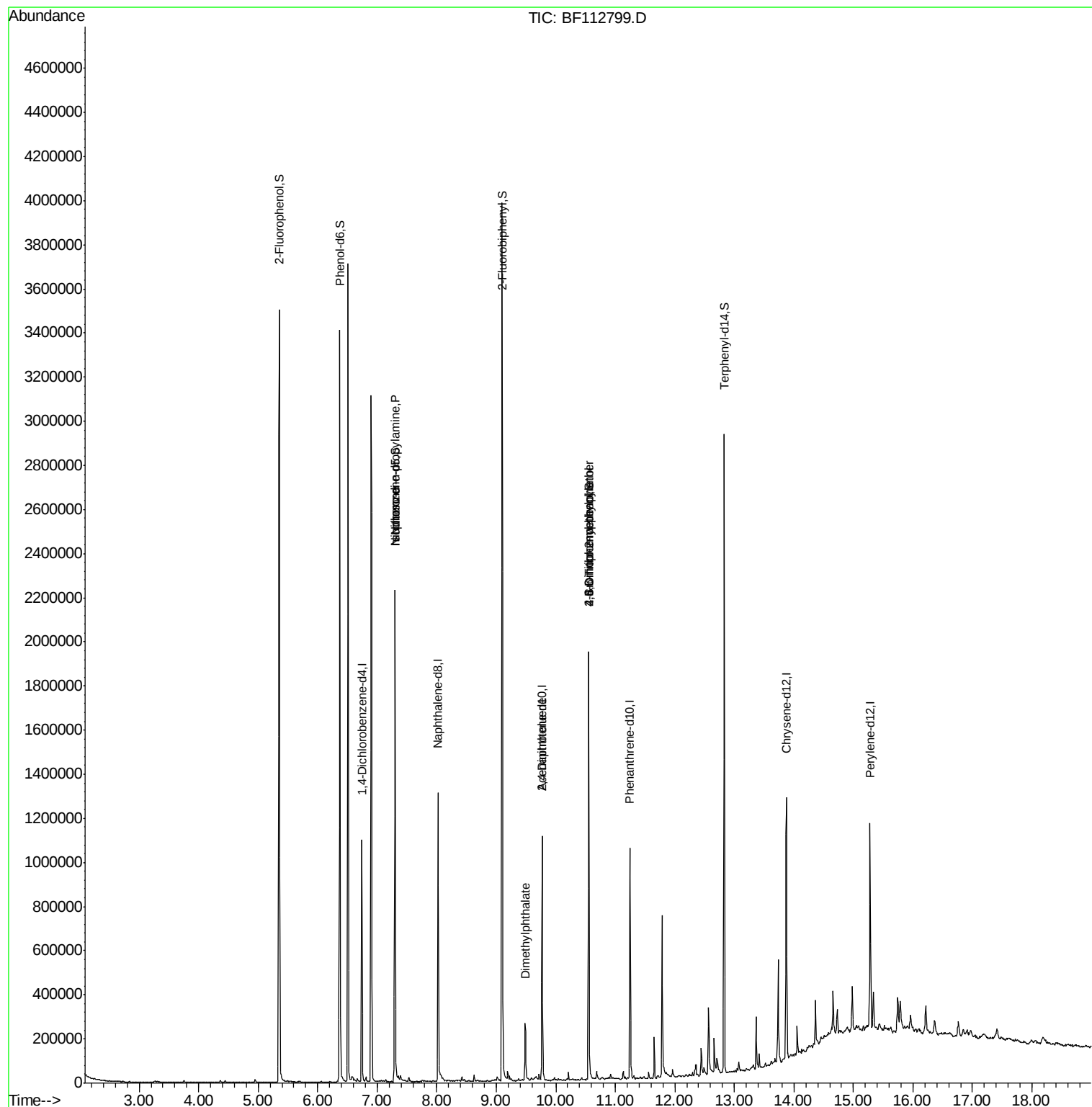
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168640	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	597694	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	241995	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	402055	20.00	ng	0.00
76) Chrysene-d12	13.87	240	400120	20.00	ng	0.00
87) Perylene-d12	15.28	264	423964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1020081	94.09	ng	0.01
7) Phenol-d6	6.37	99	1295892	95.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	767572	76.85	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	275971	107.42	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1232492	84.16	ng	0.00
79) Terphenyl-d14	12.83	244	1004645	48.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	100308	11.630	ng	# 79
25) Isophorone	7.30	82	762197	35.420	ng	# 66
50) Dimethylphthalate	9.49	163	111997	6.277	ng	100
57) 2,4-Dinitrotoluene	9.77	165	30351	6.571	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	379	4.820	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	15138	3.575	ng	# 1

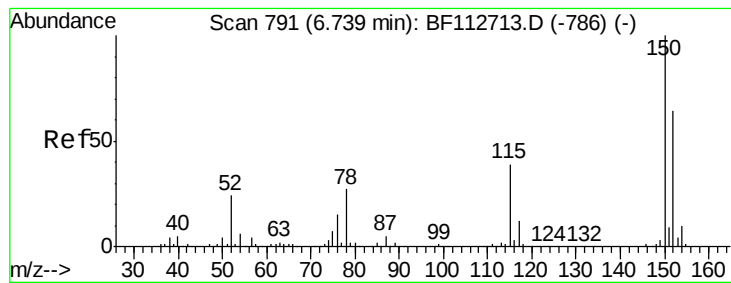
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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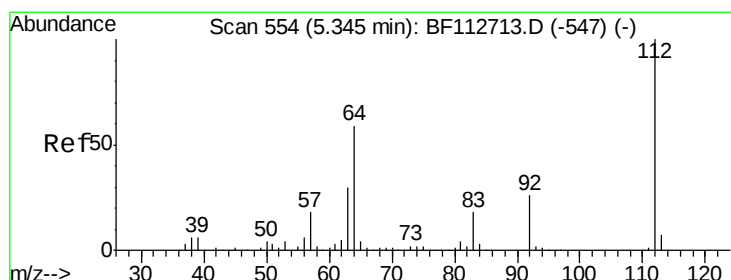
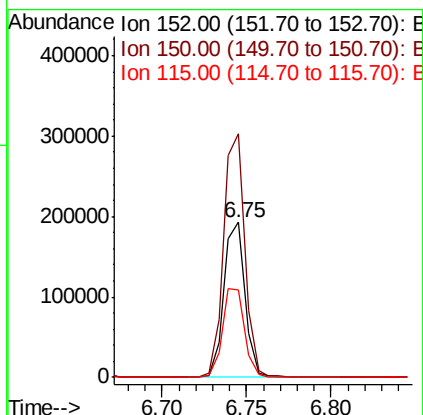
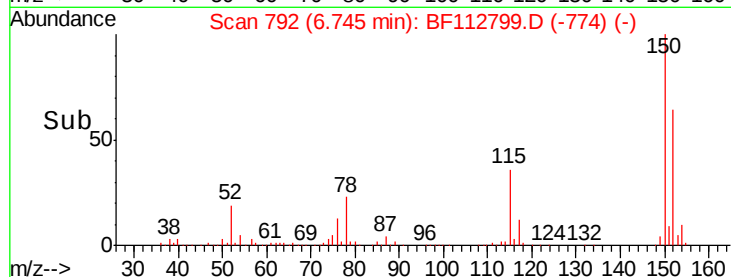
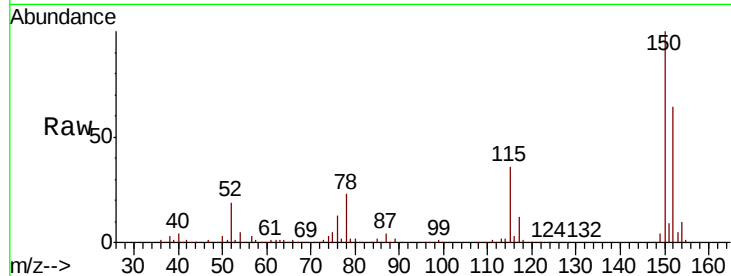


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
DUP-2

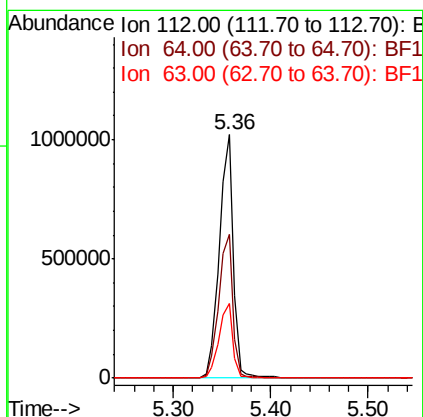
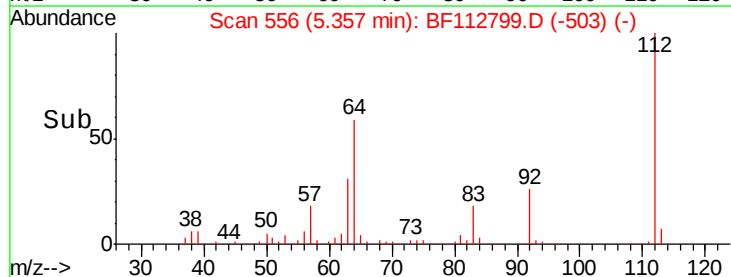
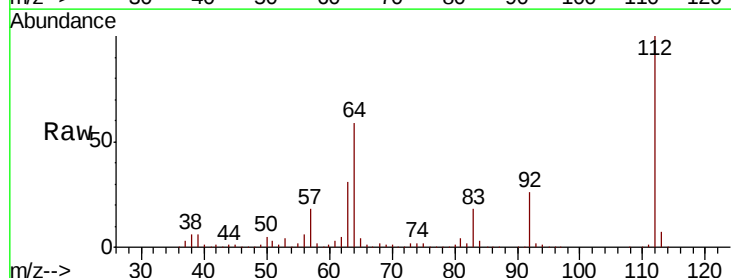
Tgt Ion:152 Resp: 168640
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 56.6 48.2 72.4

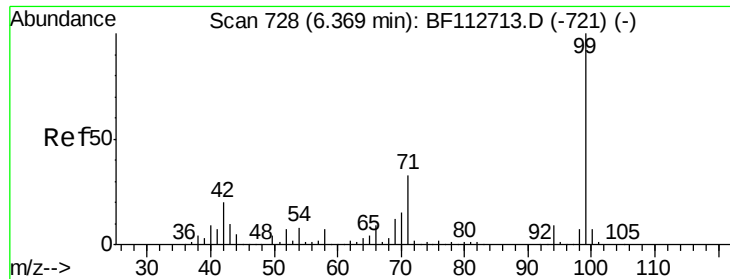


#5

2-Fluorophenol
Concen: 94.093 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Tgt Ion:112 Resp: 1020081
Ion Ratio Lower Upper
112 100
64 59.2 47.6 71.4
63 30.7 24.4 36.6





#7

Phenol-d6

Concen: 95.158 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

Instrument :

BNA_F

ClientSampleId :

DUP-2

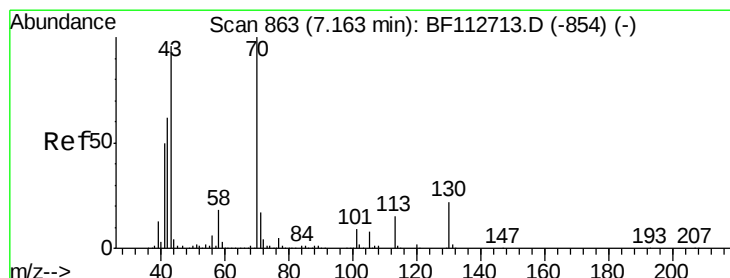
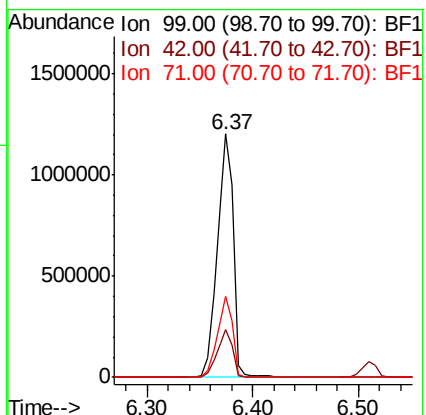
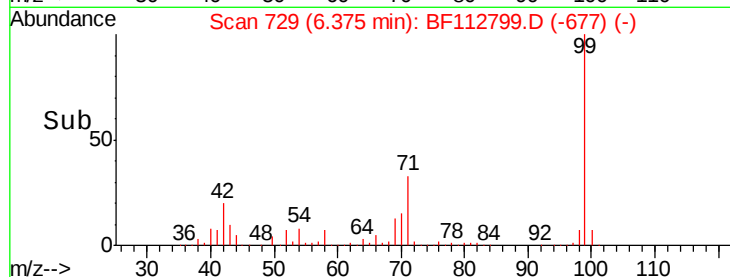
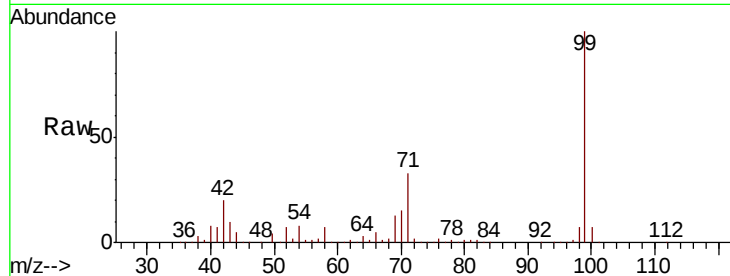
Tgt Ion: 99 Resp: 1295892

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

71 33.3 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.630 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

Tgt Ion: 70 Resp: 100308

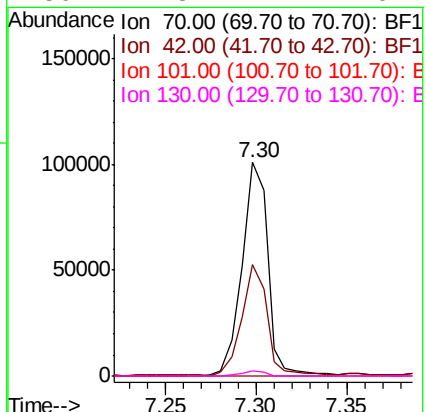
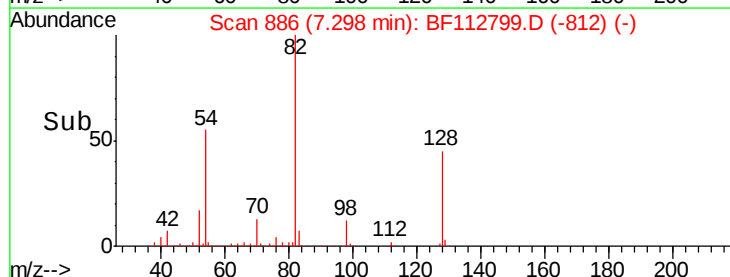
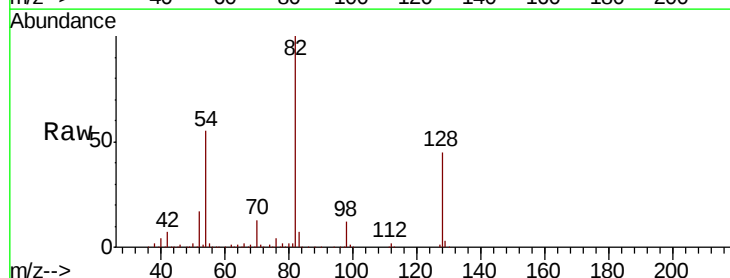
Ion Ratio Lower Upper

70 100

42 51.9 49.9 74.9

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

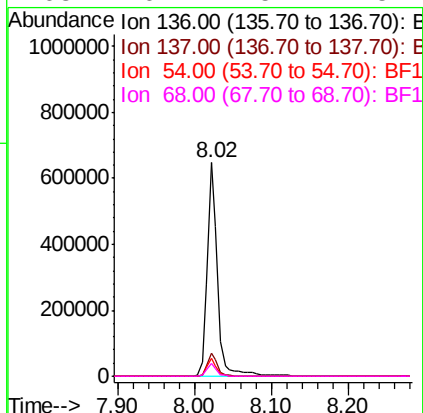
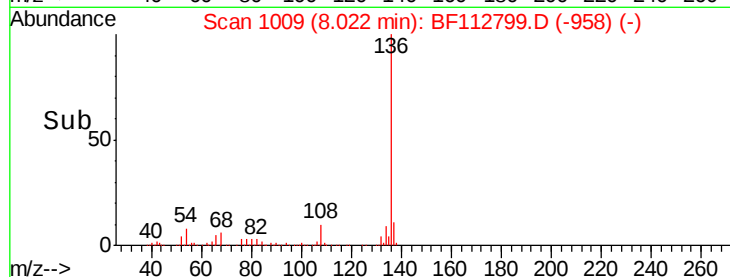
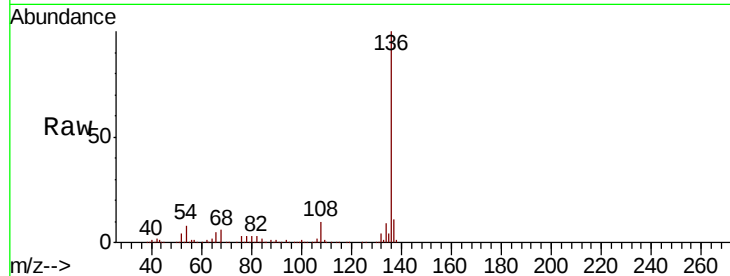




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

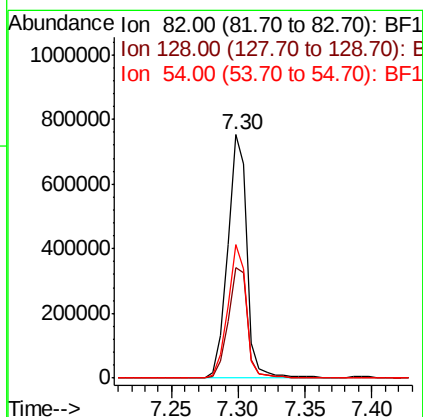
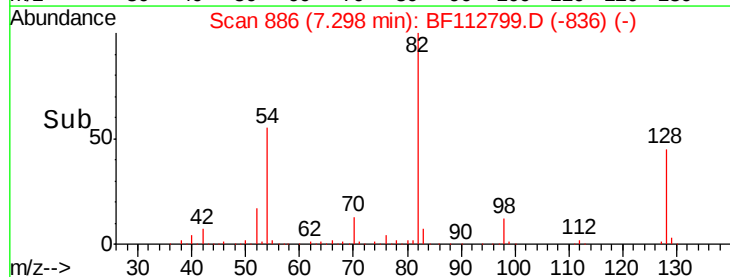
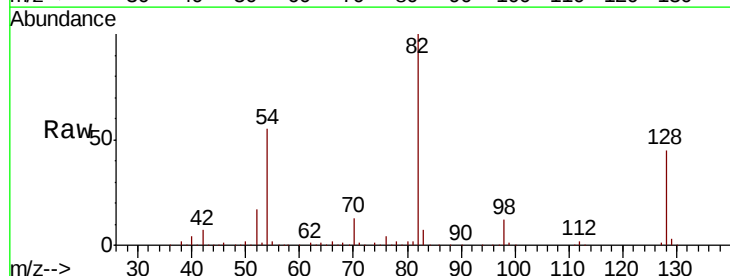
Instrument :
BNA_F
ClientSampleID :
DUP-2

Tgt Ion:	136	Resp:	597694
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	7.3	10.9
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 76.845 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Tgt Ion:	82	Resp:	767572
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	54.9	43.7	65.5





#25

Isophorone

Concen: 35.420 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

Instrument :

BNA_F

ClientSampleId :

DUP-2

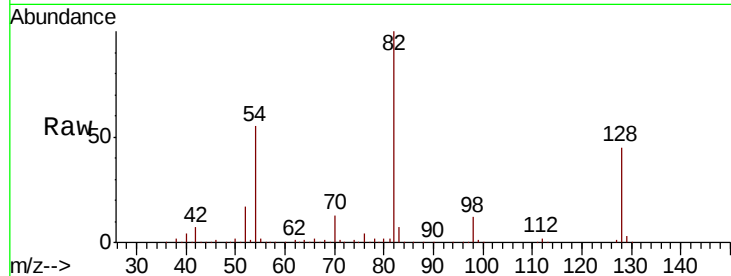
Tgt Ion: 82 Resp: 762197

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

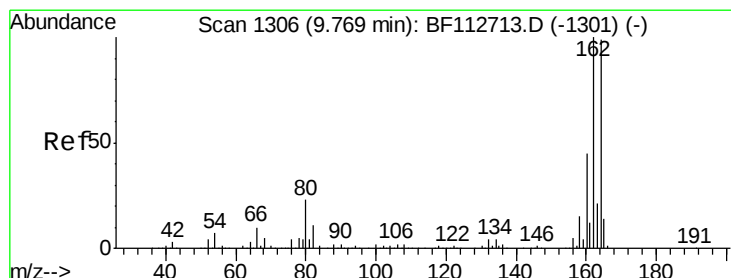
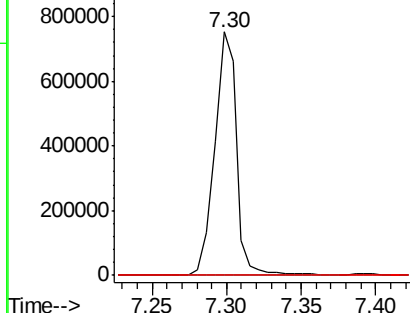
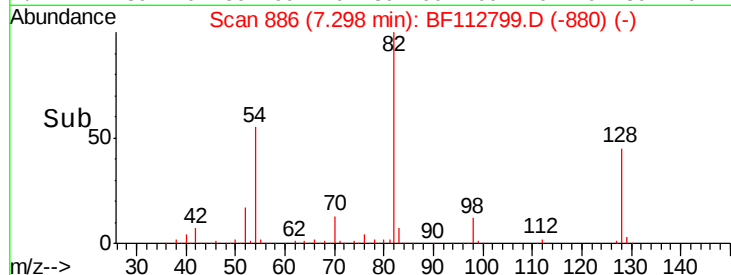
138 0.0 13.8 20.8#



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: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

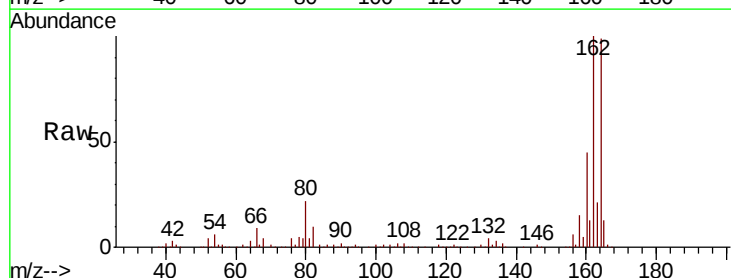
Tgt Ion: 164 Resp: 241995

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

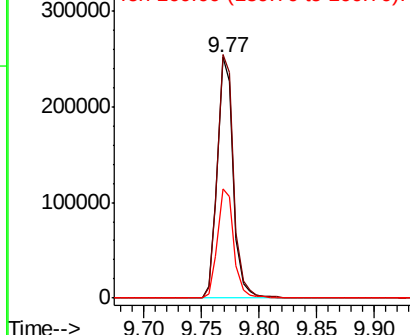
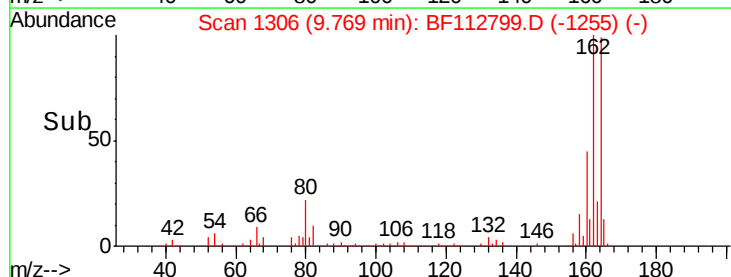
160 45.2 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 107.420 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

Instrument :

BNA_F

ClientSampleId :

DUP-2

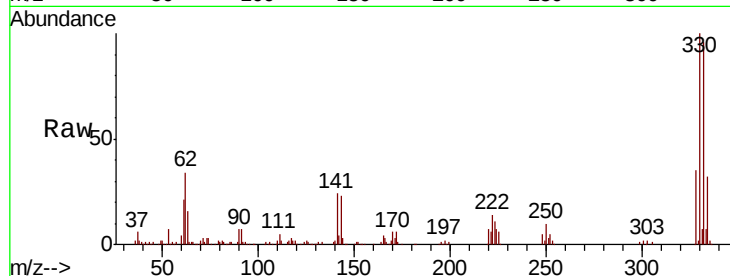
Tgt Ion:330 Resp: 275971

Ion Ratio Lower Upper

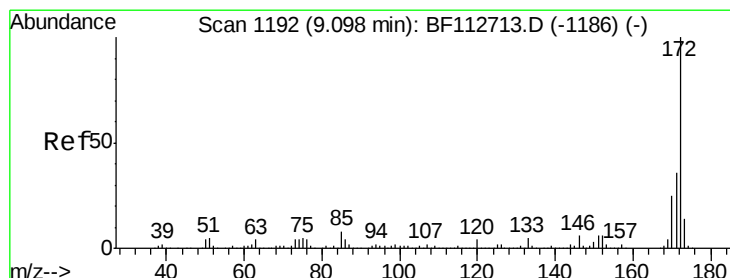
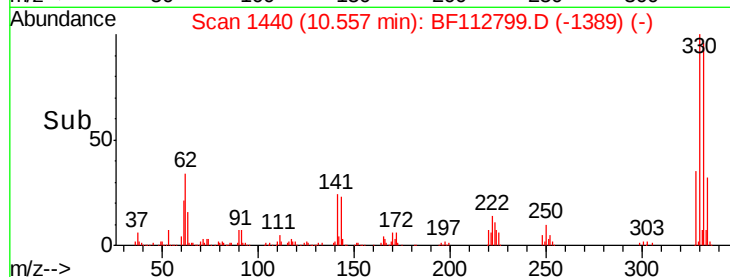
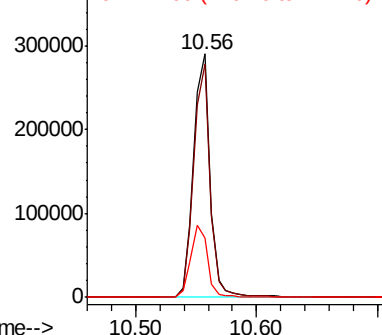
330 100

332 95.4 76.2 114.4

141 30.0 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: 84.164 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

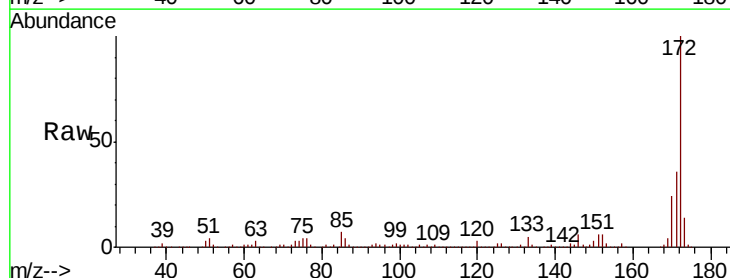
Tgt Ion:172 Resp: 1232492

Ion Ratio Lower Upper

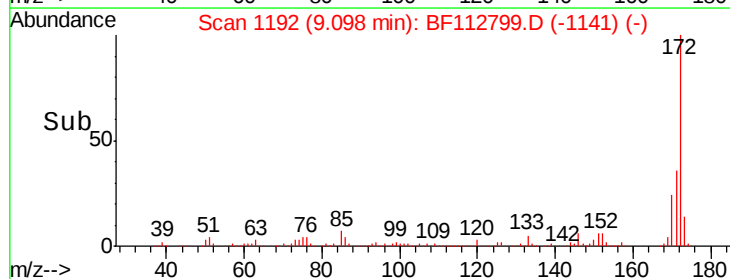
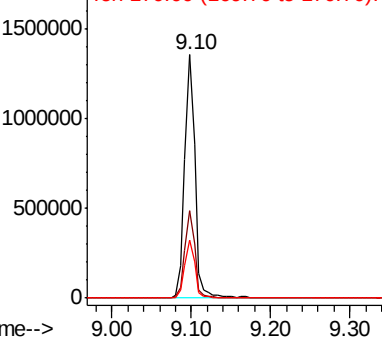
172 100

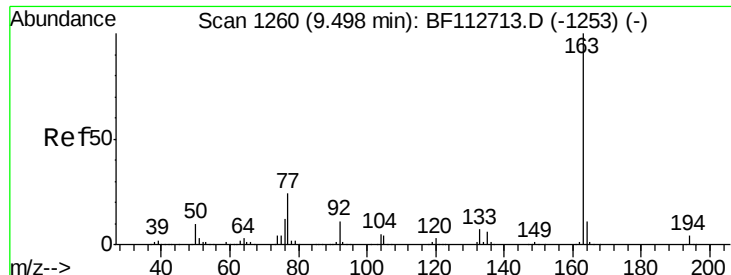
171 35.8 29.0 43.4

170 24.0 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

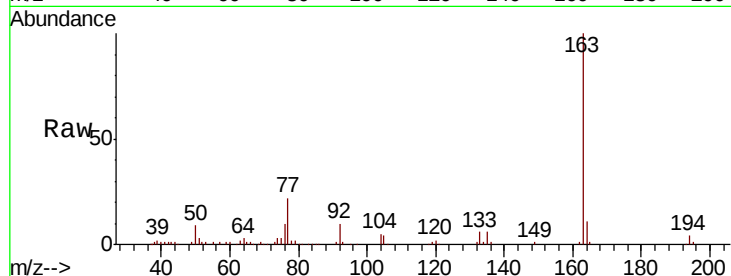




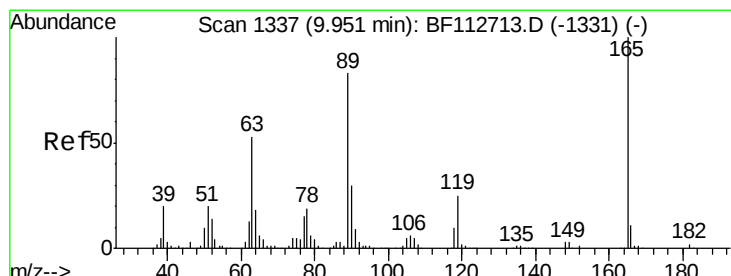
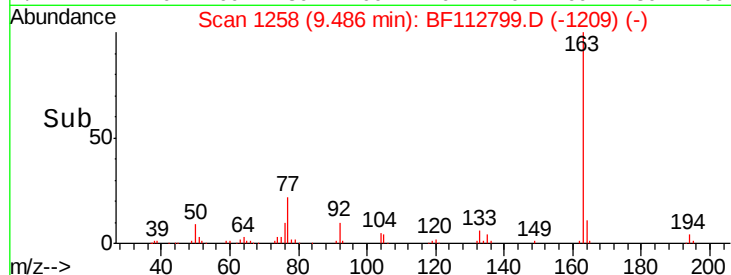
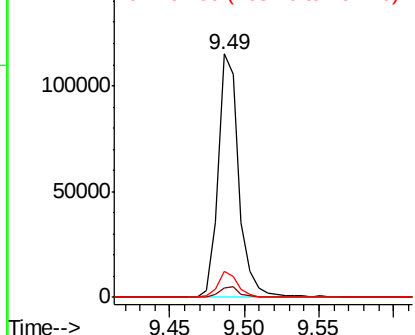
#50
Dimethylphthalate
Concen: 6.277 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
DUP-2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.6	8.4	12.6



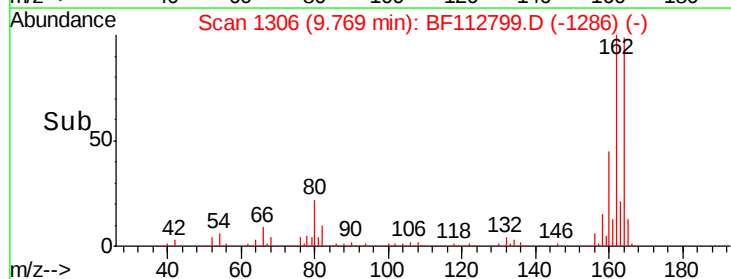
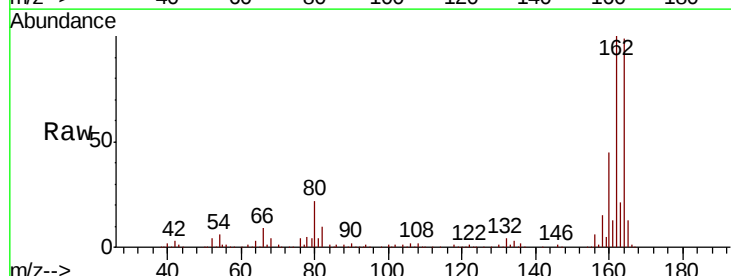
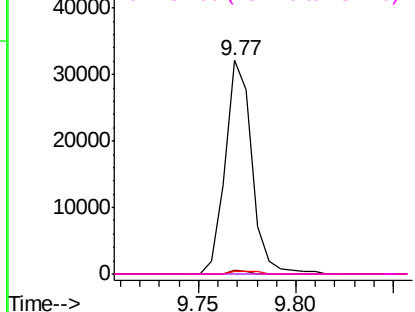
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

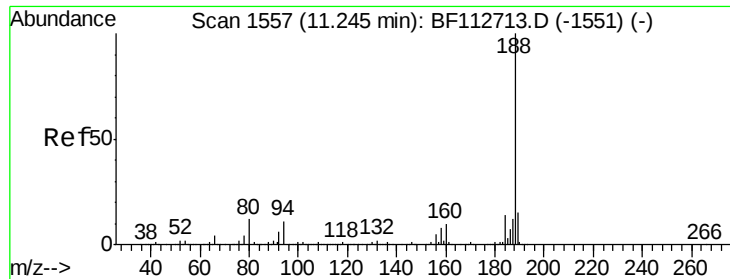


#57
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.2	63.2#
89	1.2	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

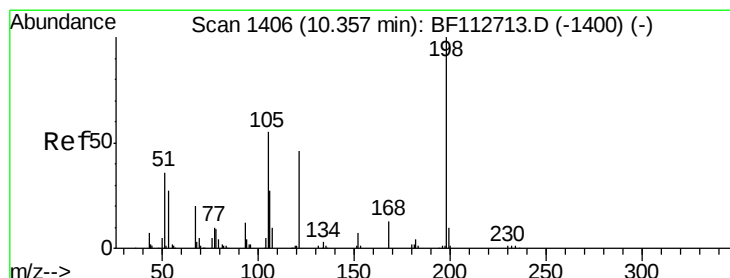
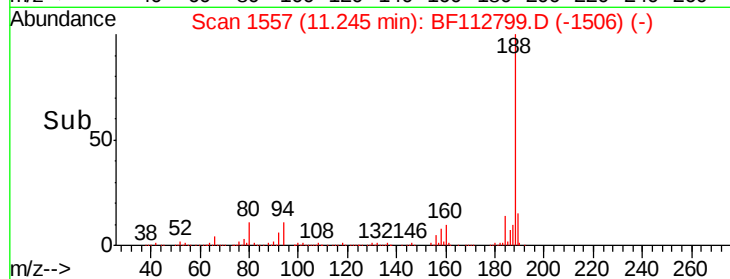
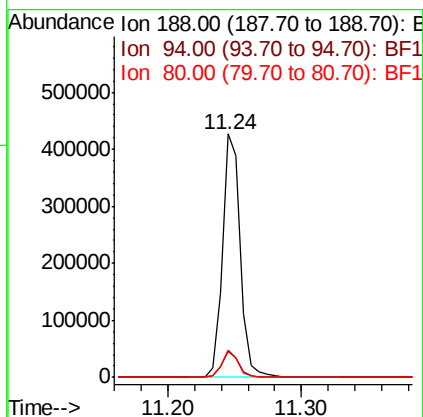
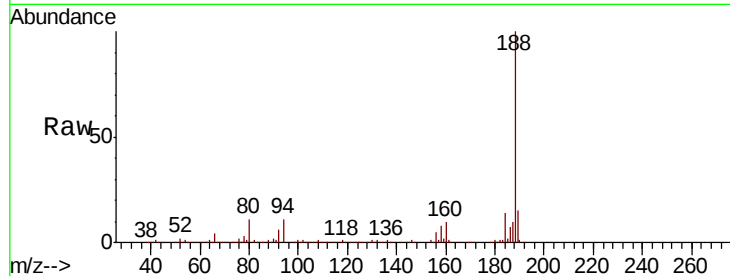




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

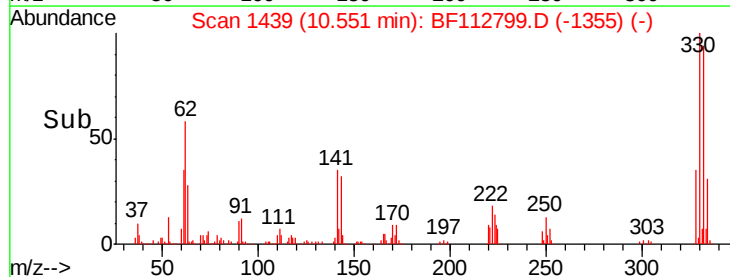
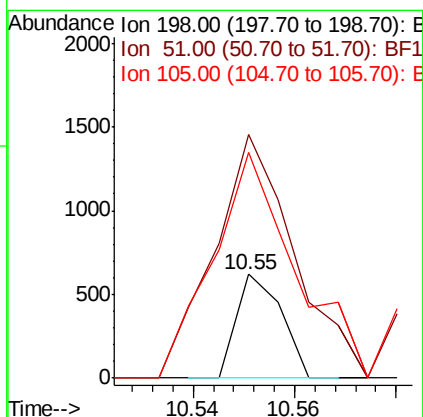
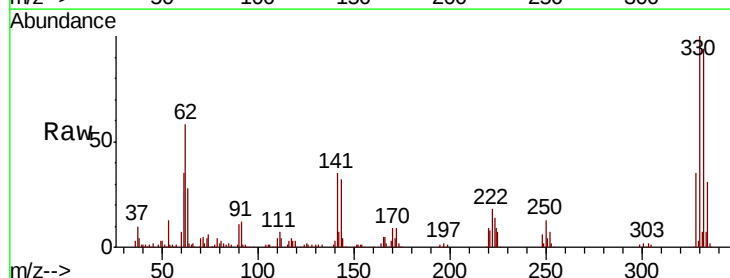
Instrument :
BNA_F
ClientSampled :
DUP-2

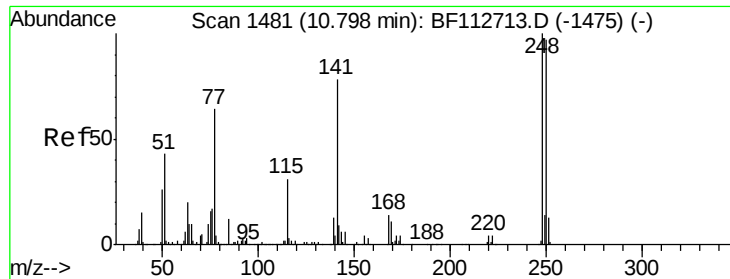
Tgt Ion:188 Resp: 402055
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.2 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.820 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Tgt Ion:198 Resp: 379
Ion Ratio Lower Upper
198 100
51 234.9 43.8 83.8#
105 218.3 36.5 76.5#

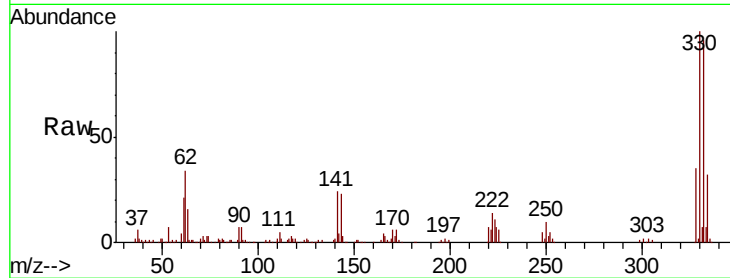




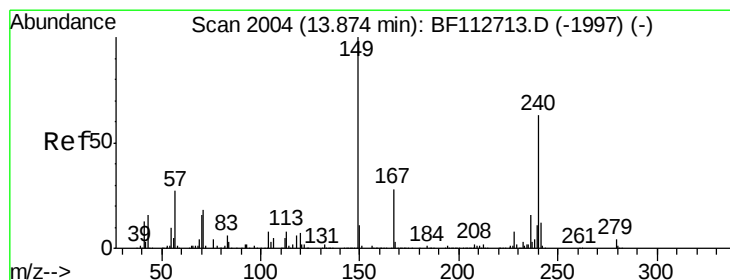
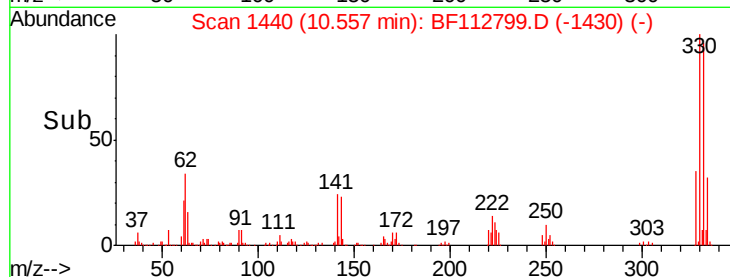
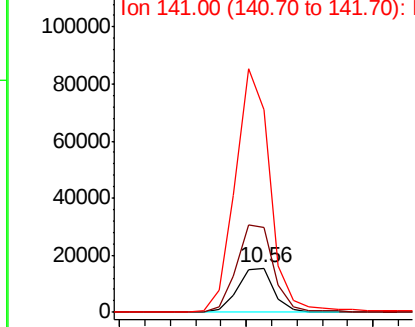
#67
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Instrument :
BNA_F
ClientSampled :
DUP-2

Tgt Ion:248 Resp: 15138
Ion Ratio Lower Upper
248 100
250 192.1 77.5 116.3#
141 455.9 62.4 93.6#

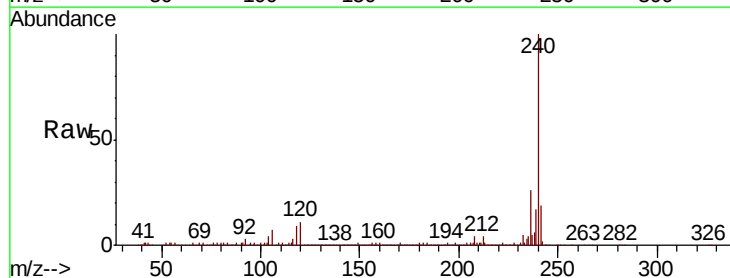


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

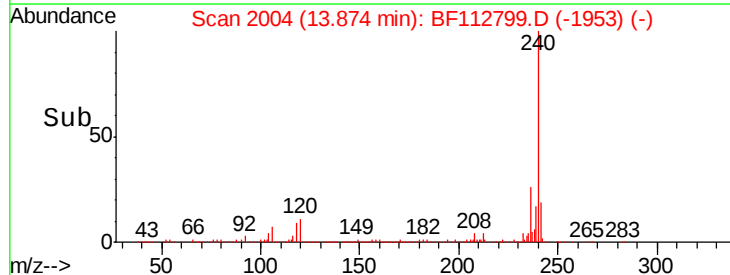
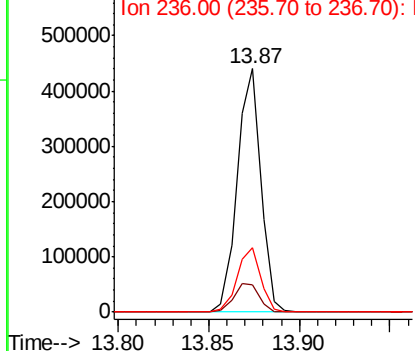


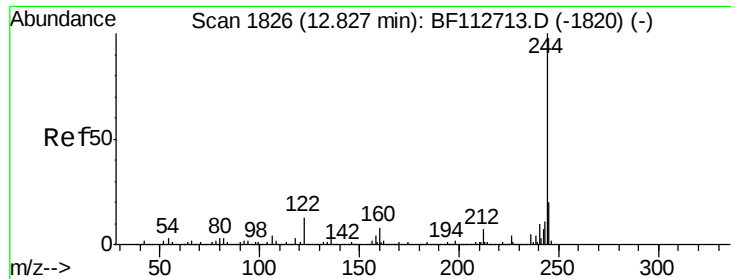
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112799.D
Acq: 1 Mar 2019 14:58

Tgt Ion:240 Resp: 400120
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.4 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: 48.673 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

Instrument :

BNA_F

ClientSampled :

DUP-2

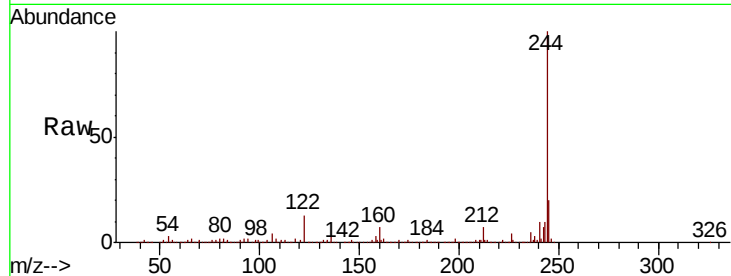
Tgt Ion:244 Resp: 1004645

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

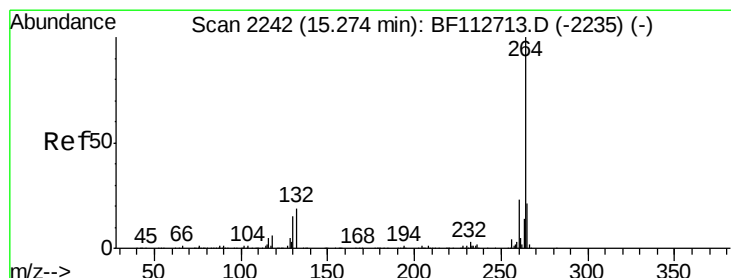
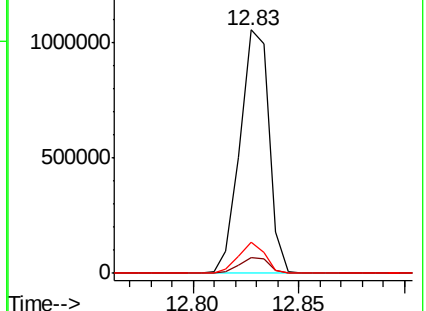
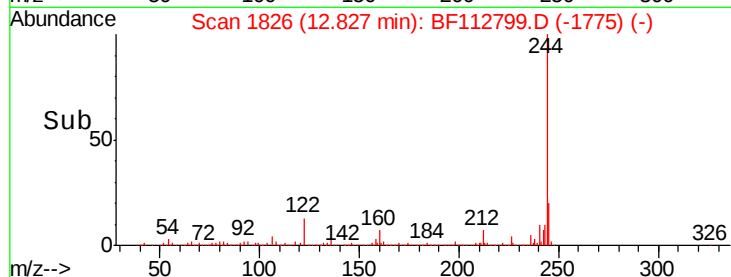
122 12.6 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112799.D

Acq: 1 Mar 2019 14:58

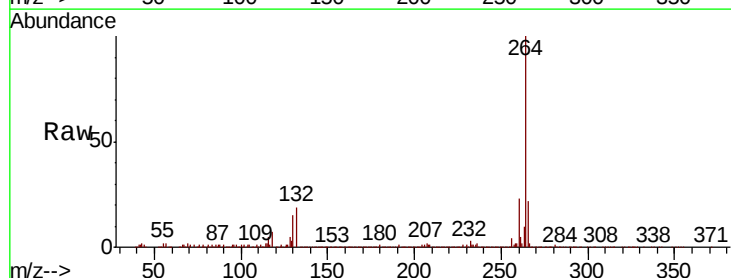
Tgt Ion:264 Resp: 423964

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 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

