

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120117.D
 Acq On : 21 Apr 2020 22:02
 Operator : MA/SJ
 Sample : L2327-27
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:50:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

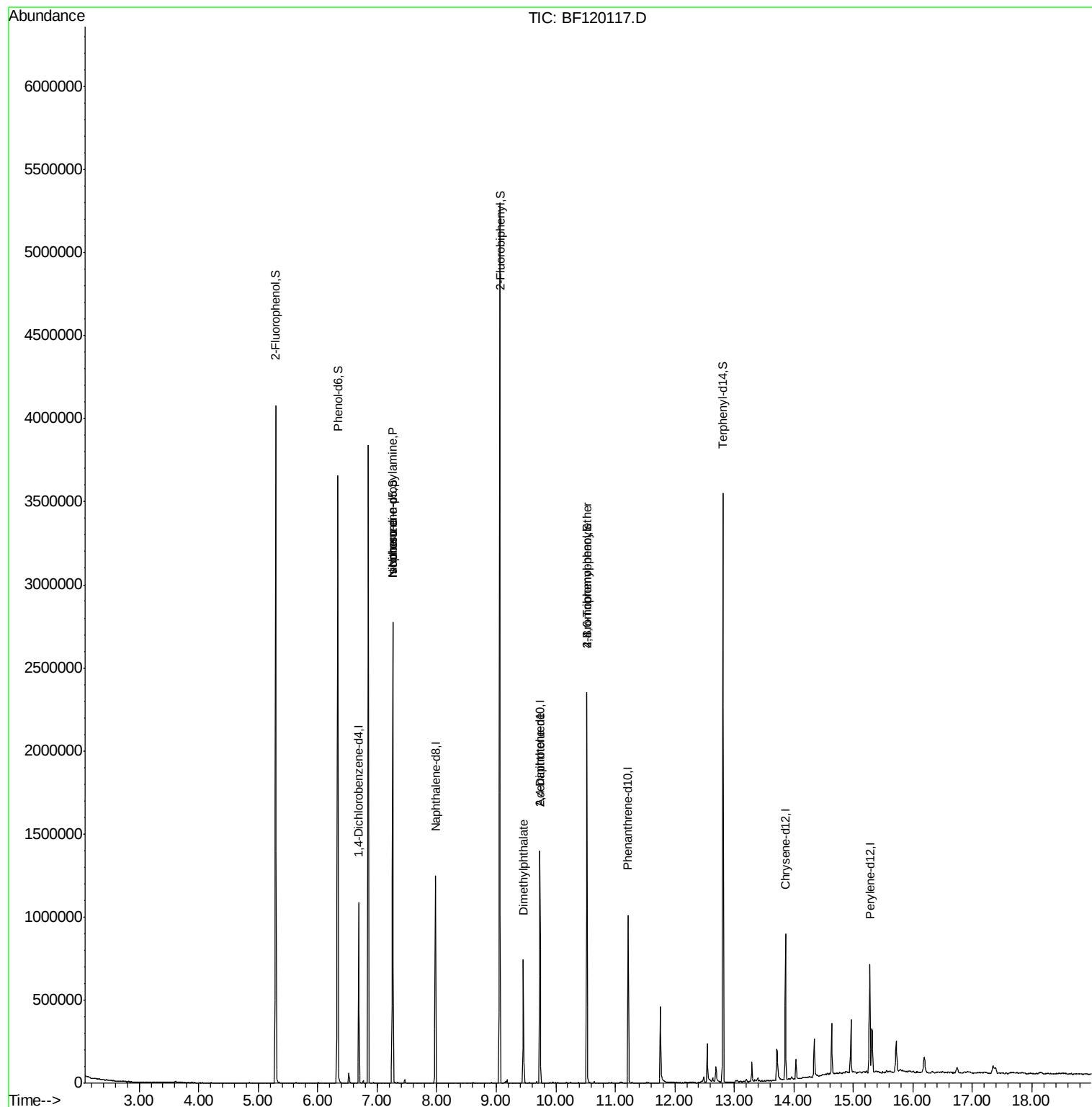
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	145138	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	538681	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	244515	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	380434	20.00	ng	0.00
76) Chrysene-d12	13.86	240	283329	20.00	ng	-0.01
87) Perylene-d12	15.27	264	274869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1039137	123.73	ng	0.00
7) Phenol-d6	6.34	99	1378009	127.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	853351	81.95	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	284609	95.07	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1550267	90.02	ng	0.00
79) Terphenyl-d14	12.81	244	1188433	70.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	2139	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	113034	16.243	ng	# 1
25) Isophorone	7.26	82	851142	42.404	ng	# 77
50) Dimethylphthalate	9.46	163	290553	15.363	ng	# 65
57) 2,4-Dinitrotoluene	9.73	165	31495	5.772	ng	# 99
67) 4-Bromophenyl-phenylether	10.53	248	17328	3.663	ng	# 23
						# 1

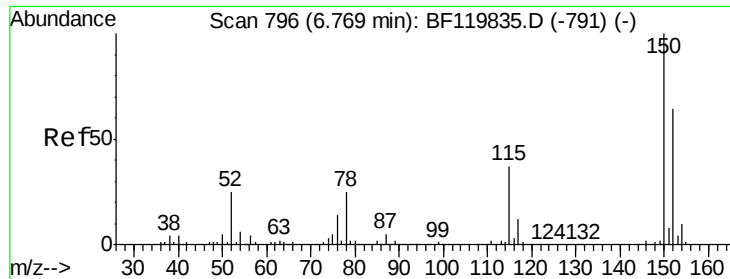
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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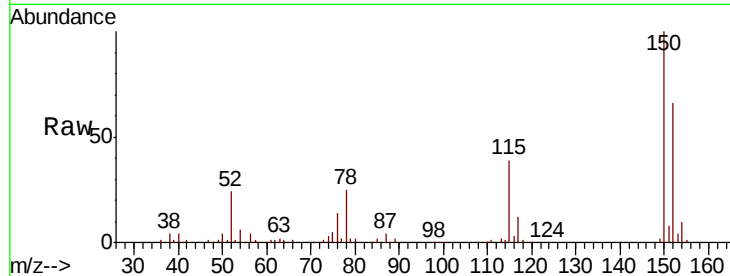


#1

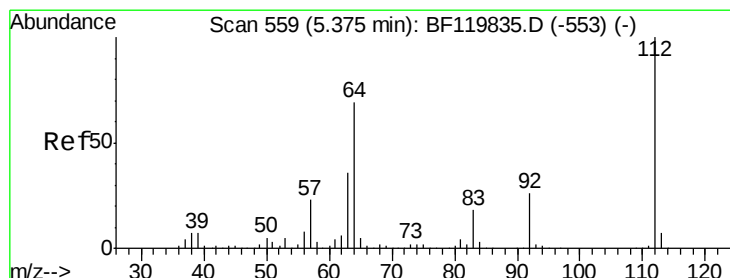
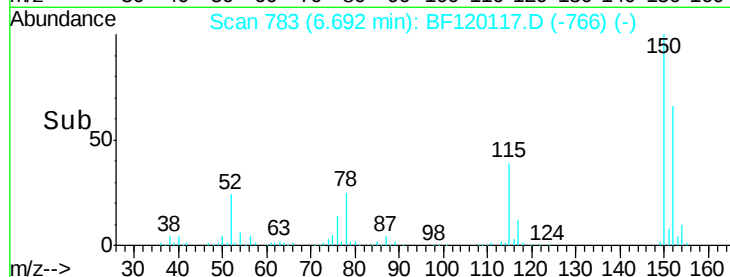
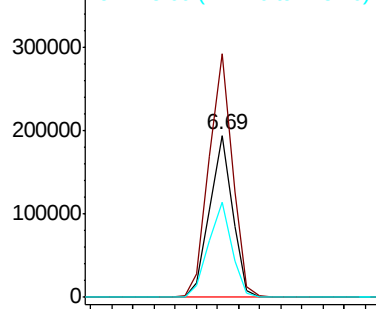
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF120117.D
 Acq: 21 Apr 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.8	187.2
115	58.5	46.5	69.7



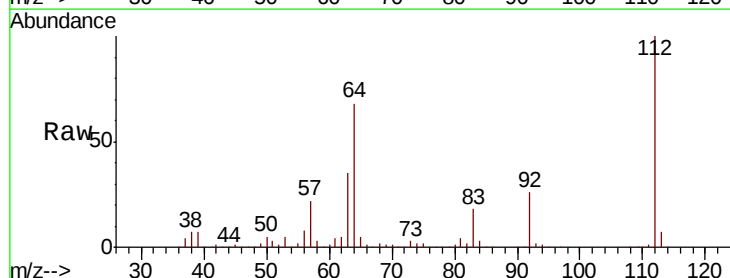
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



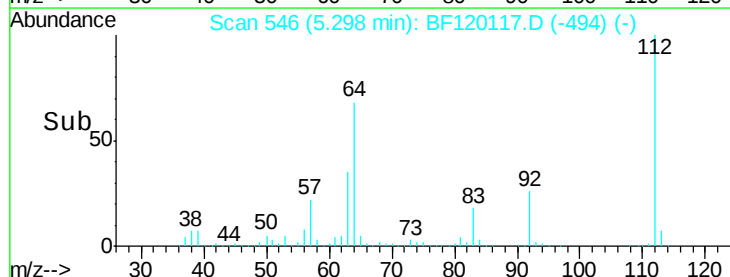
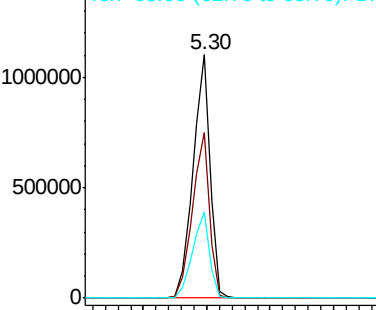
#5

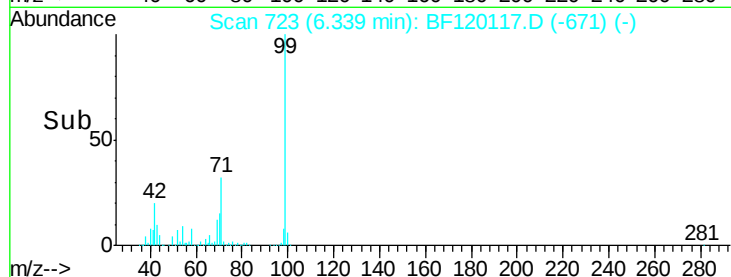
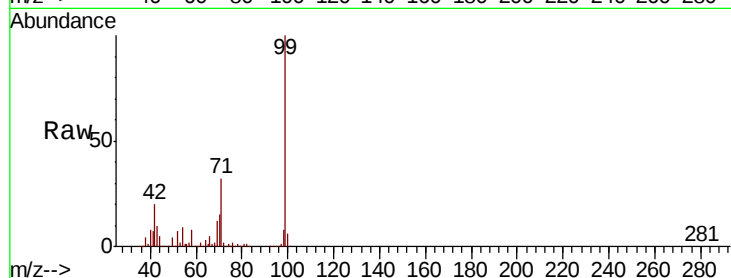
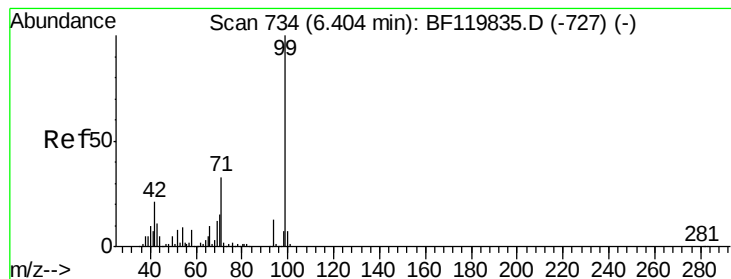
2-Fluorophenol
 Concen: 123.732 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: BF120117.D
 Acq: 21 Apr 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.5	83.3
63	35.3	29.1	43.7



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: 127.339 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

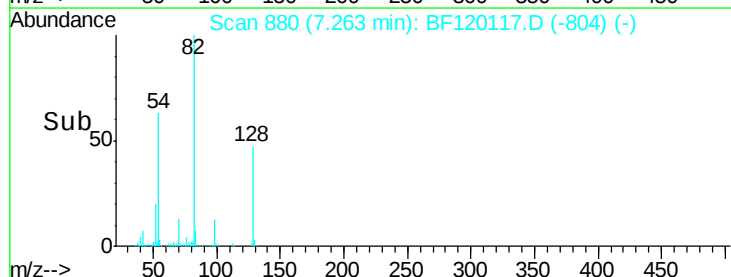
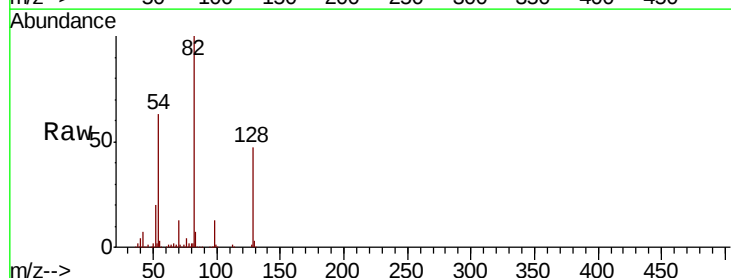
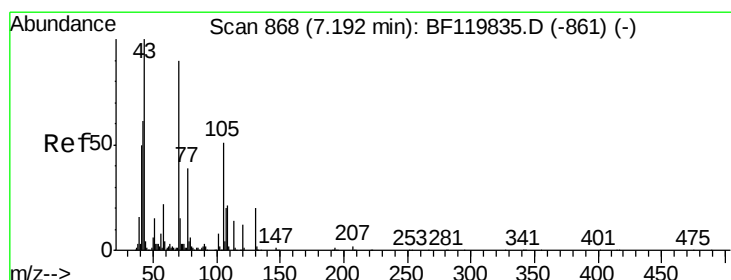
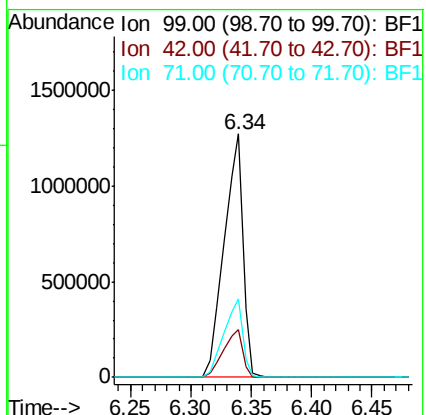
Tot Ion: 99 Resp: 1378009

Ion Ratio Lower Upper

99 100

42 19.8 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.243 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

Tgt Ion: 70 Resp: 113034

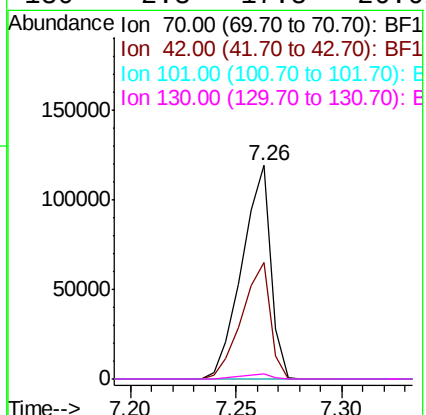
Ion Ratio Lower Upper

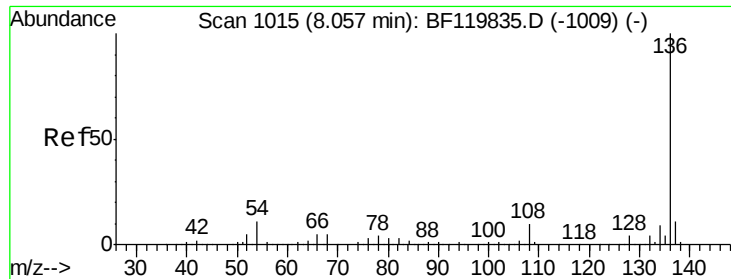
70 100

42 54.3 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

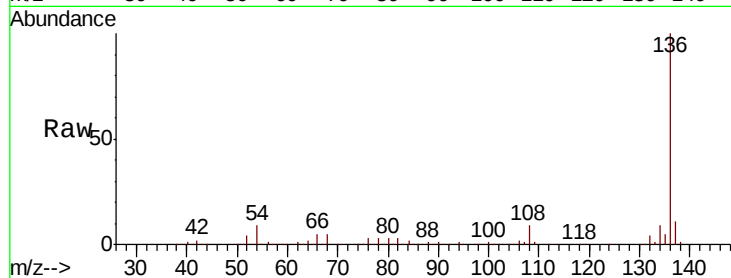




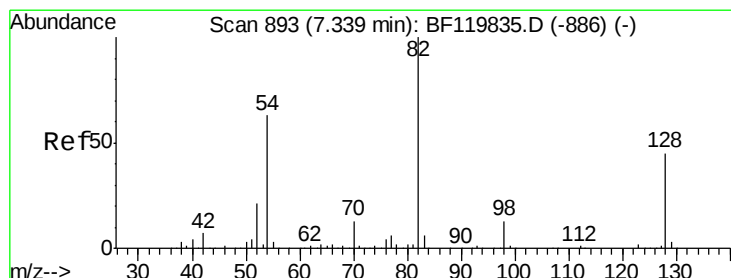
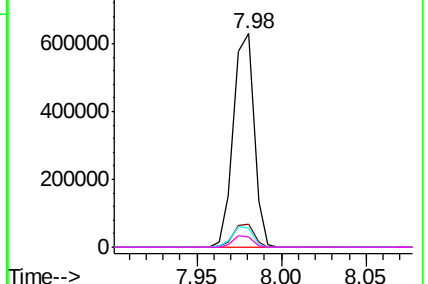
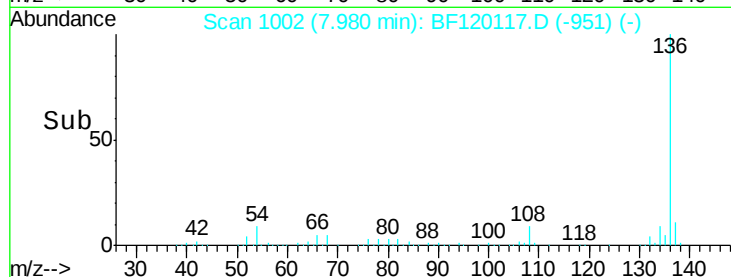
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	538681
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	9.1	8.5 12.7
68	5.0	3.9 5.9

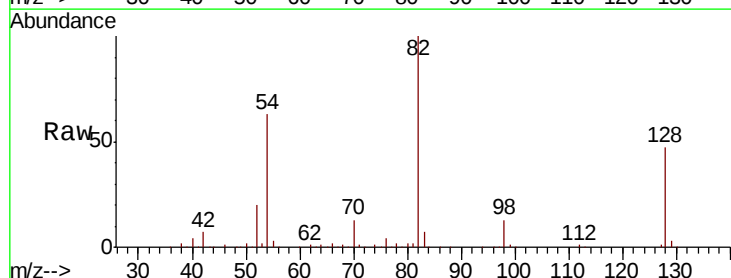


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

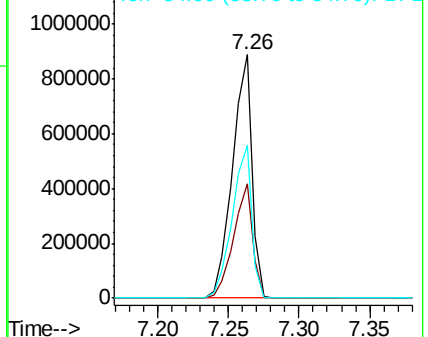
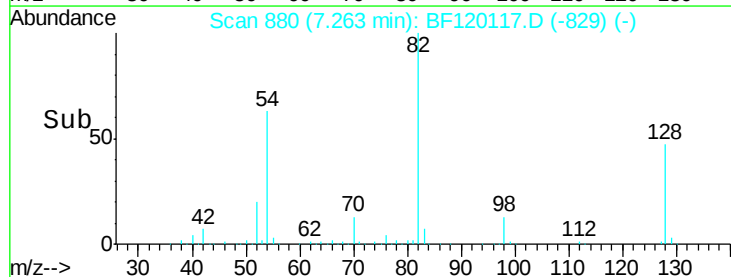


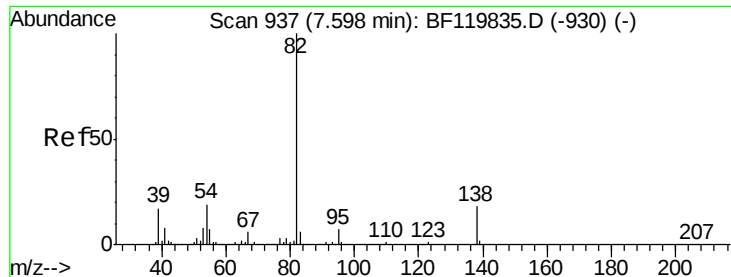
#23
Nitrobenzene-d5
Concen: 81.954 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Tgt Ion: 82	Resp:	853351
Ion Ratio	Lower	Upper
82	100	
128	47.1	36.2 54.4
54	62.8	50.4 75.6



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





#25

Isophorone

Concen: 42.404 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

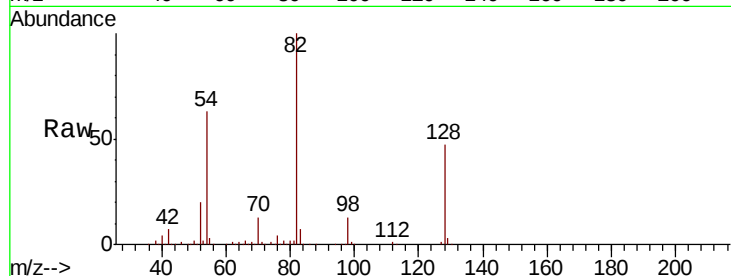
Tot Ion: 82 Resp: 851142

Ion Ratio Lower Upper

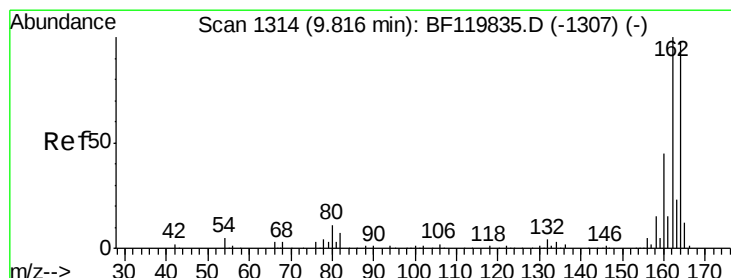
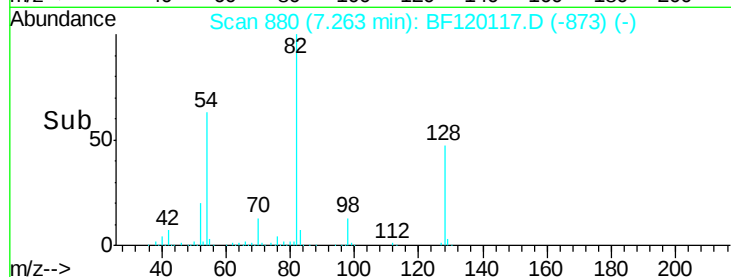
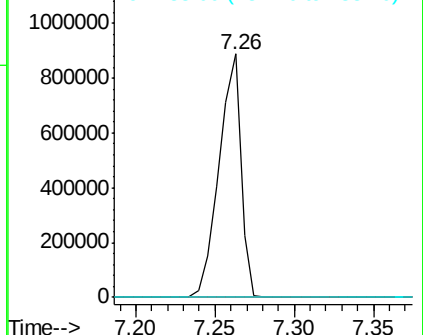
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

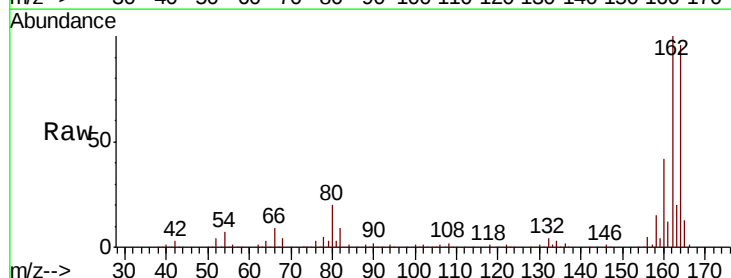
Tgt Ion:164 Resp: 244515

Ion Ratio Lower Upper

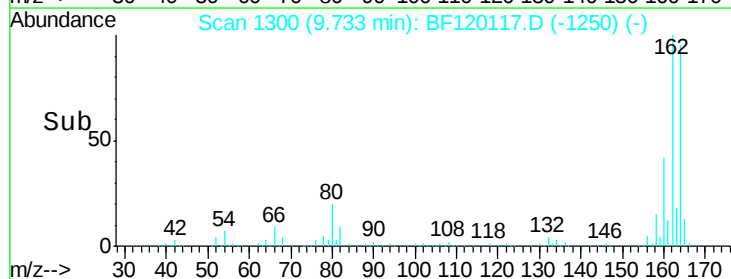
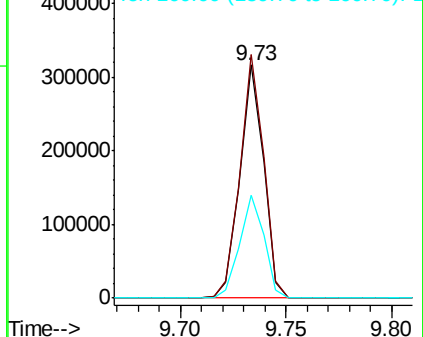
164 100

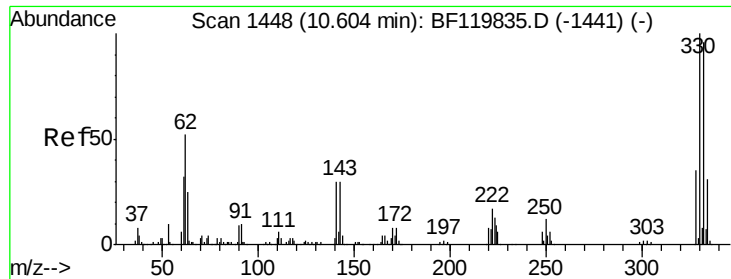
162 104.5 81.9 122.9

160 44.0 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: 95.070 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

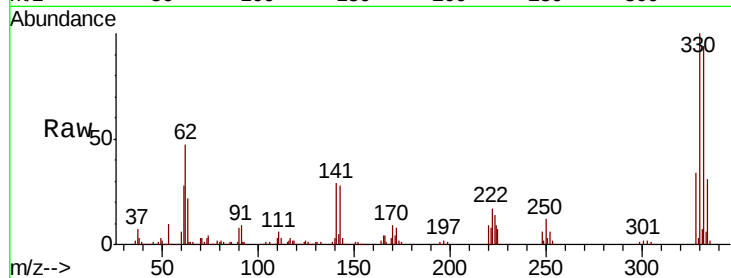
Tot Ion:330 Resp: 284609

Ion Ratio Lower Upper

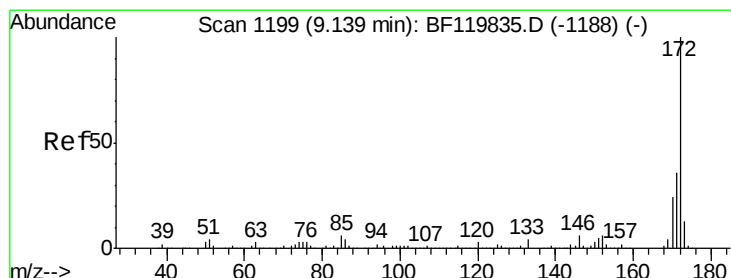
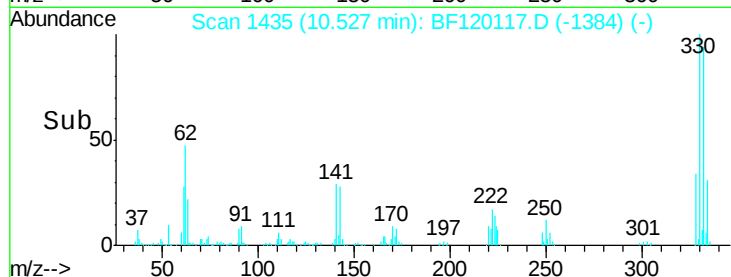
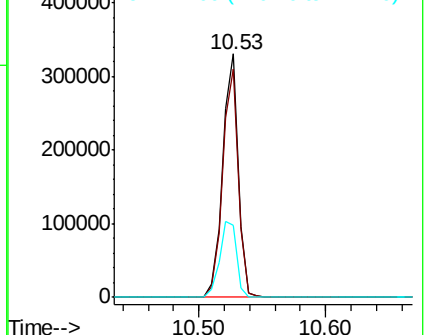
330 100

332 94.8 76.8 115.2

141 34.2 25.1 37.7



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: 90.017 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

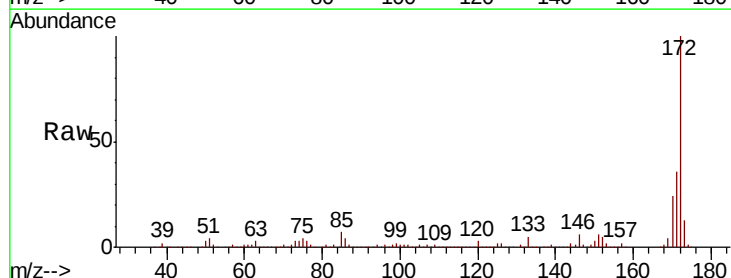
Tgt Ion:172 Resp: 1550267

Ion Ratio Lower Upper

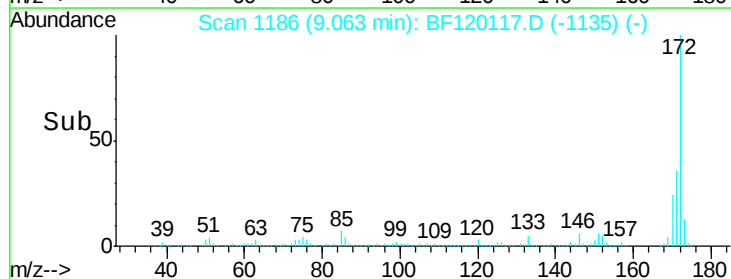
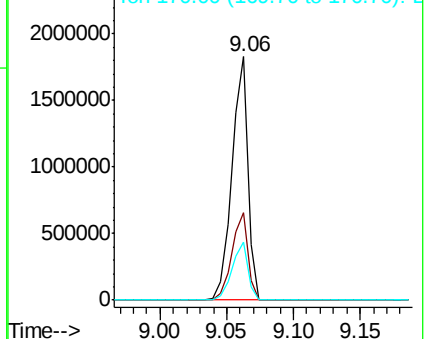
172 100

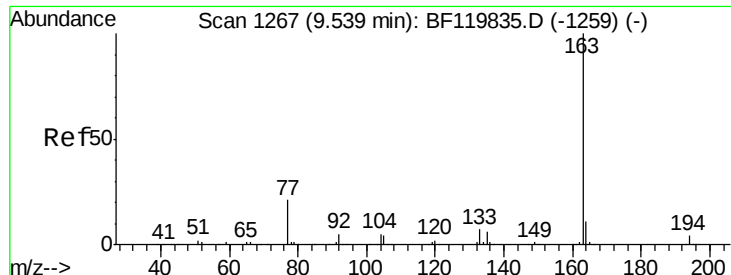
171 36.2 28.9 43.3

170 24.1 19.4 29.2



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

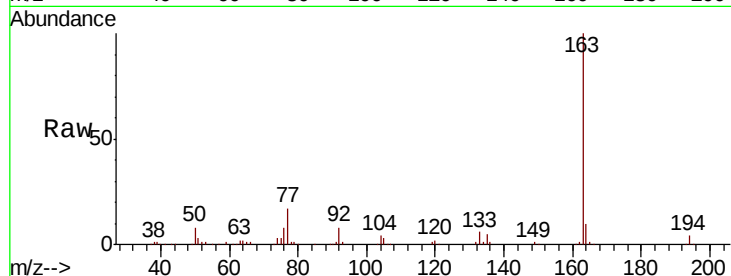




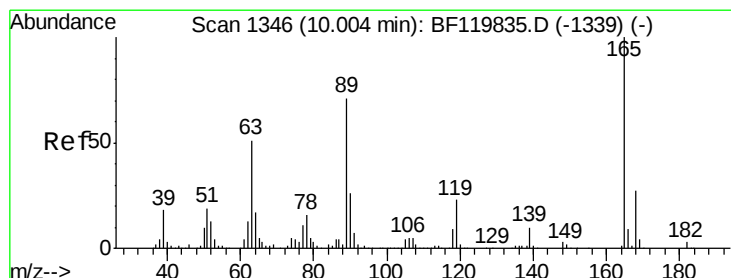
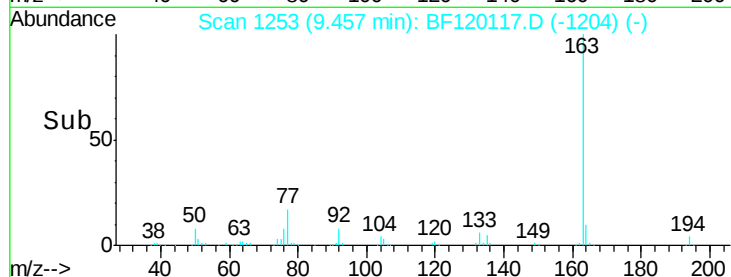
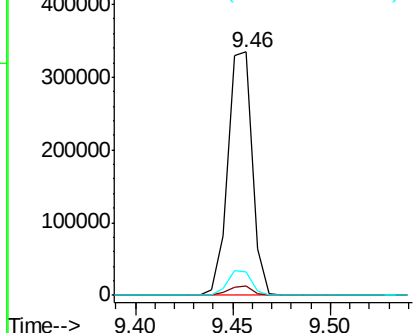
#50
Dimethylphthalate
Concen: 15.363 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.8	8.4	12.6

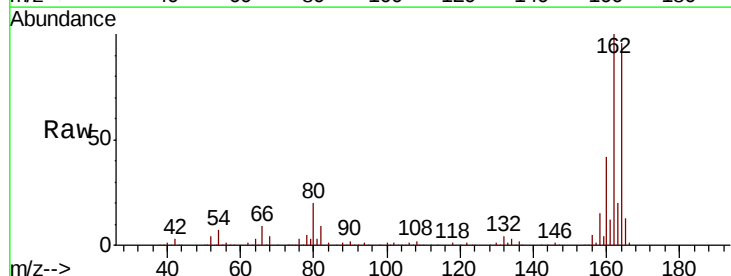


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

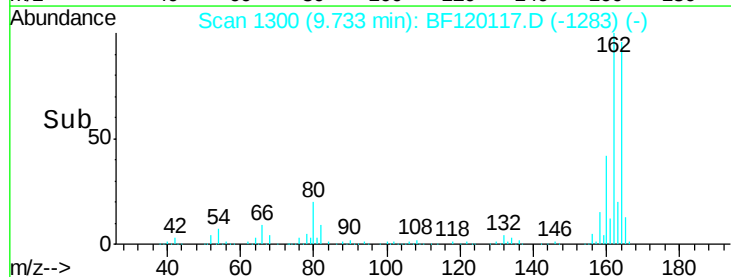
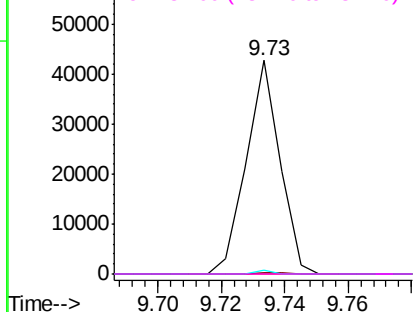


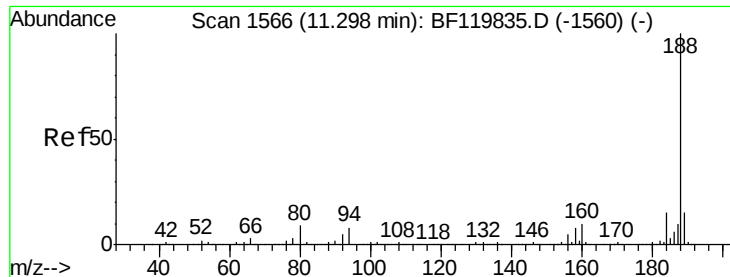
#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.8	61.2#
89	1.7	56.9	85.3#
182	0.0	2.0	3.0#



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

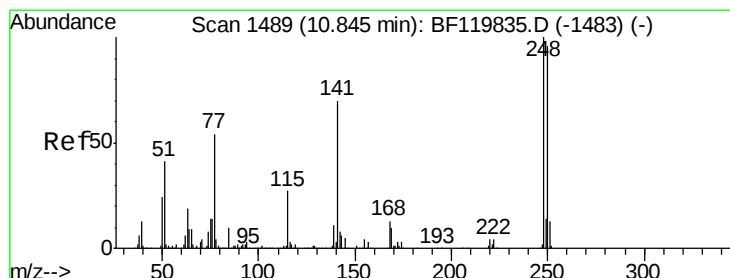
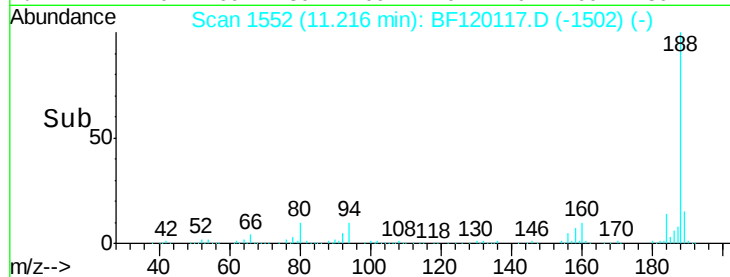
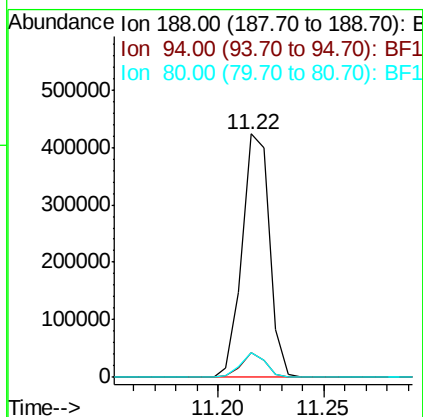
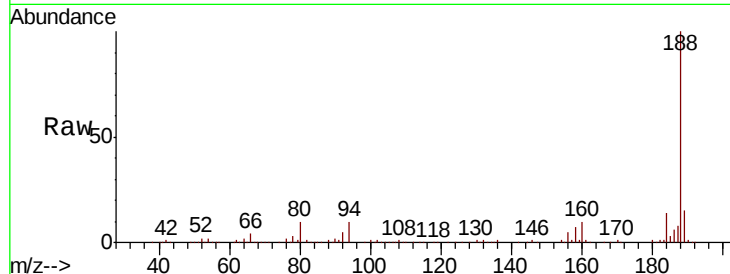




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

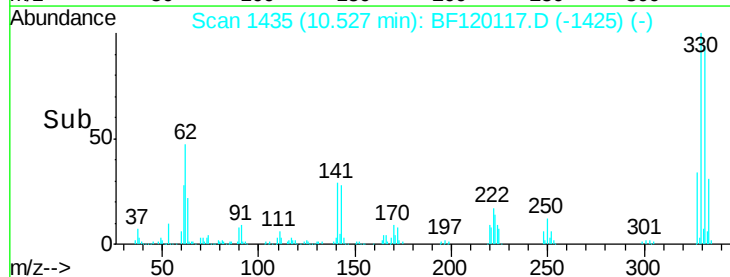
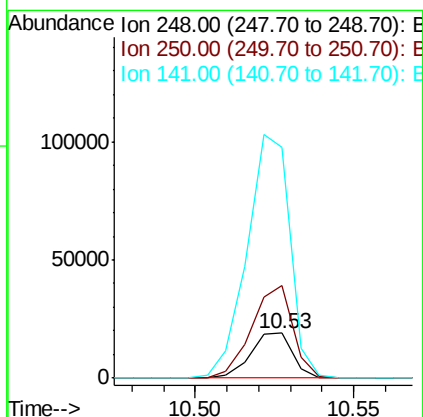
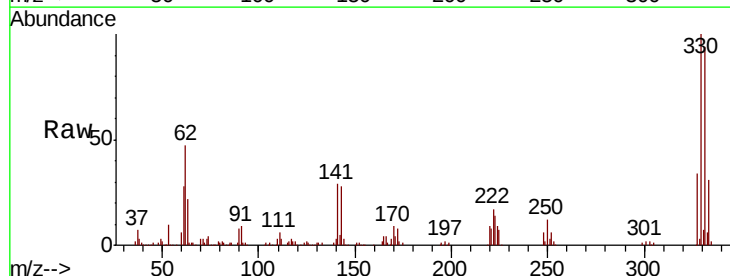
Instrument :
BNA_F
ClientSampleId :

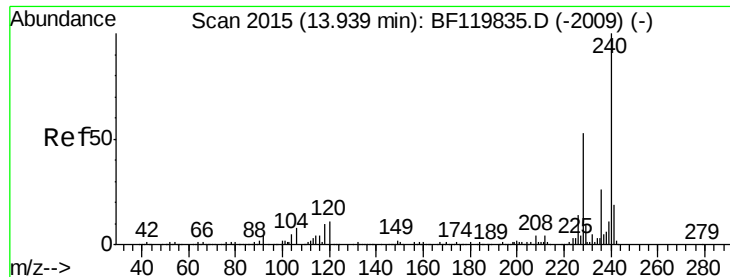
Tot Ion:188 Resp: 380434
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.0 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.663 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Tgt Ion:248 Resp: 17328
Ion Ratio Lower Upper
248 100
250 207.7 76.6 114.8#
141 516.1 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

Instrument :

BNA_F

ClientSampled :

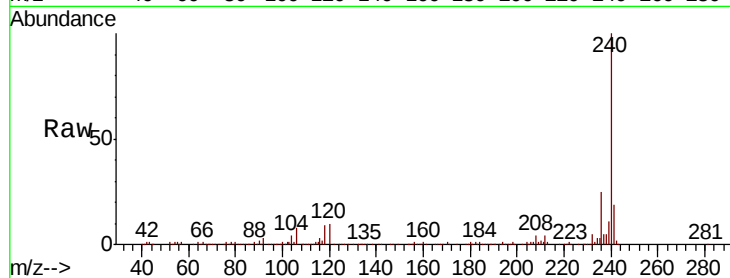
Tot Ion:240 Resp: 283329

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

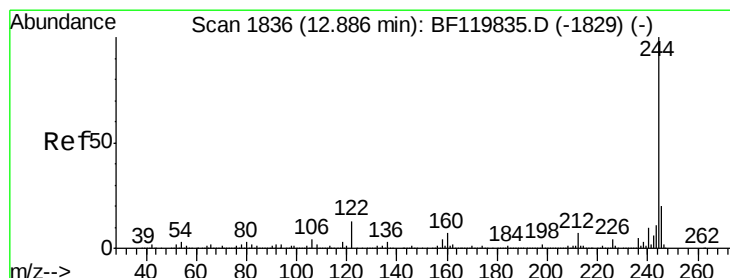
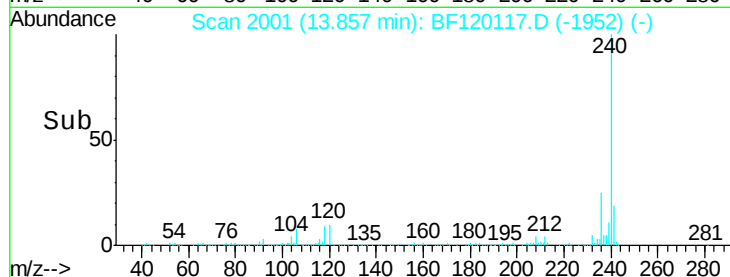
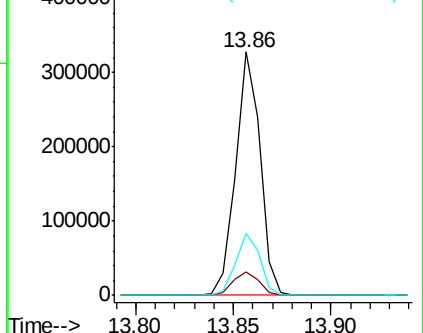
236 25.3 20.7 31.1



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: 70.579 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120117.D

Acq: 21 Apr 2020 22:02

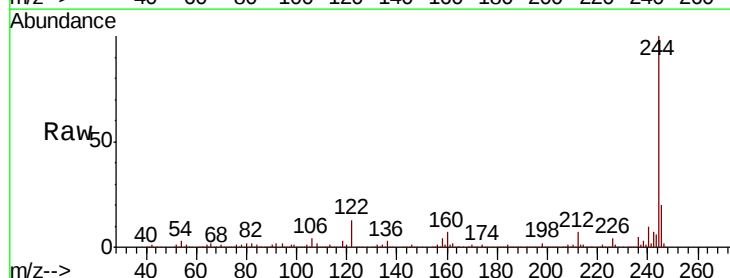
Tgt Ion:244 Resp: 1188433

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

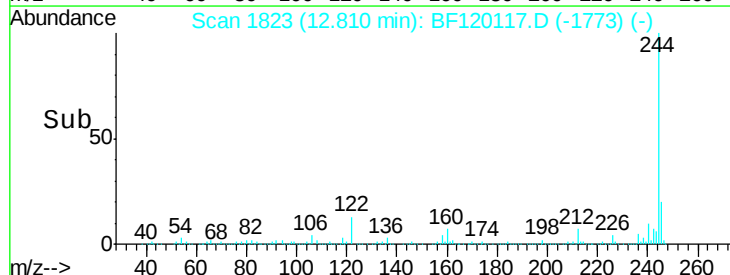
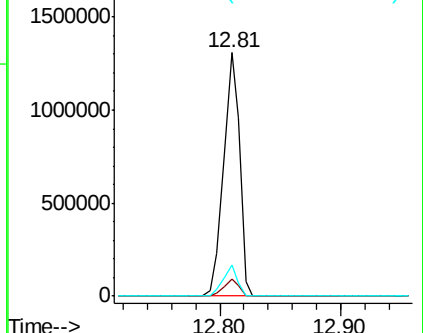
122 12.9 10.3 15.5

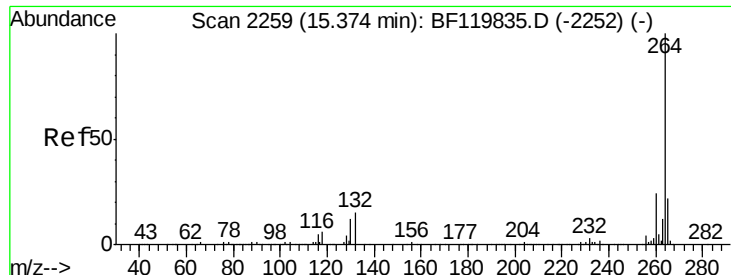


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

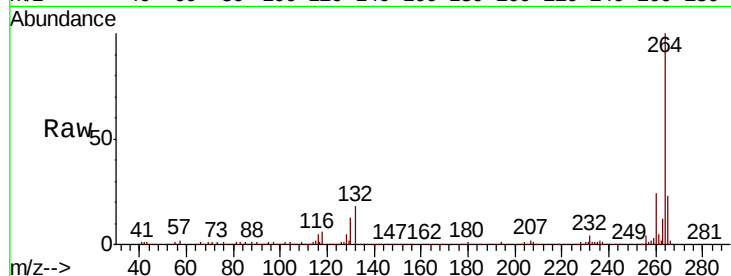




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120117.D
Acq: 21 Apr 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	274869
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.6	17.6	26.4



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

