

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120119.D
 Acq On : 21 Apr 2020 22:56
 Operator : MA/SJ
 Sample : L2327-26
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:50:36 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	144307	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	534465	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	235464	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	350881	20.00	ng	0.00
76) Chrysene-d12	13.86	240	281407	20.00	ng	-0.01
87) Perylene-d12	15.27	264	257079	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	746414	89.39	ng	0.00
7) Phenol-d6	6.33	99	972093	90.35	ng	0.00
23) Nitrobenzene-d5	7.26	82	590454	57.15	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	174951	60.69	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1094497	66.00	ng	0.00
79) Terphenyl-d14	12.81	244	808126	48.32	ng	0.00

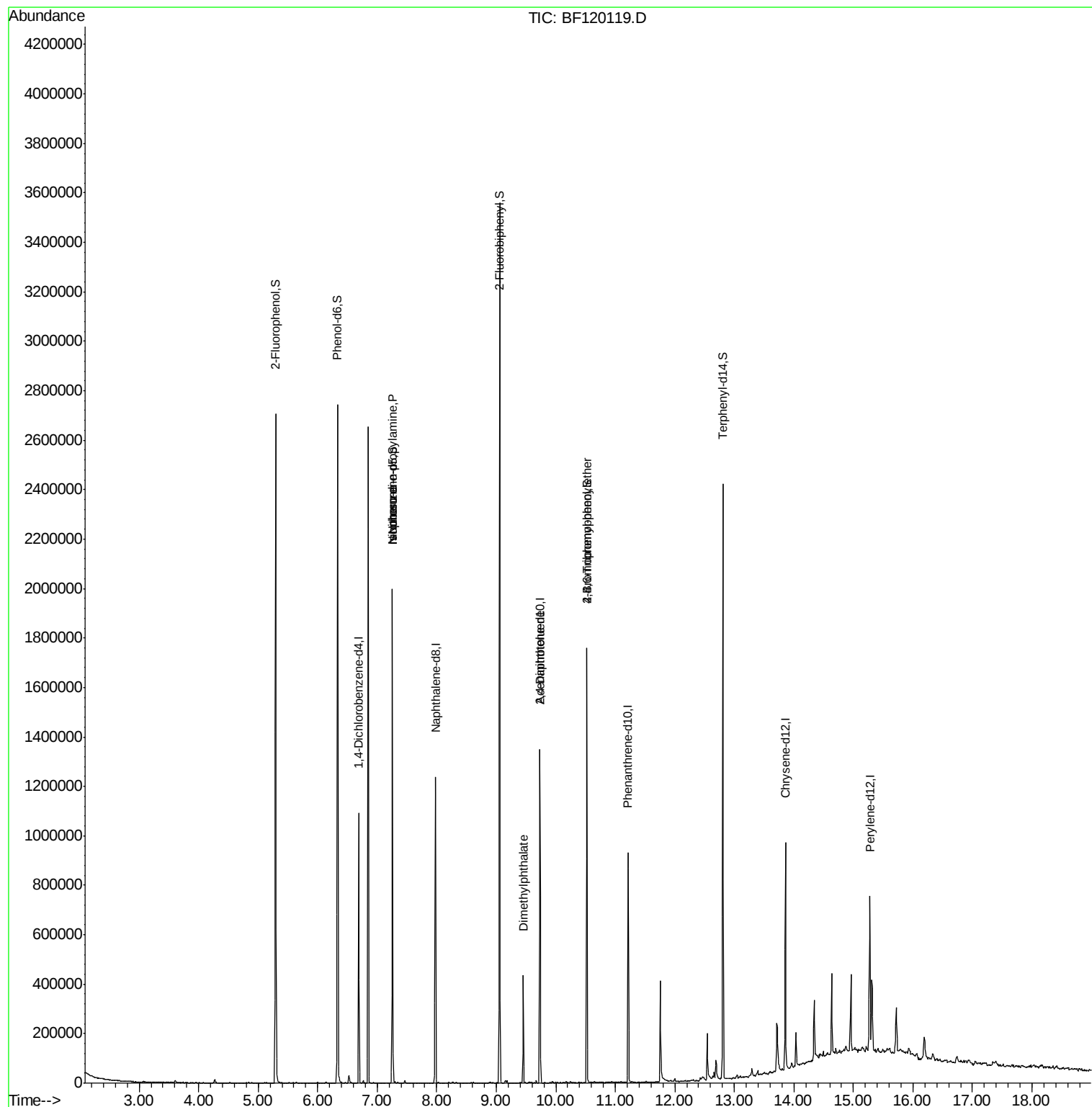
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	1606	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	76543	11.063	ng	# 77
25) Isophorone	7.26	82	590221	29.637	ng	# 65
50) Dimethylphthalate	9.45	163	166763	9.156	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	30585	5.821	ng	# 22
67) 4-Bromophenyl-phenylether	10.52	248	10906	2.499	ng	# 1

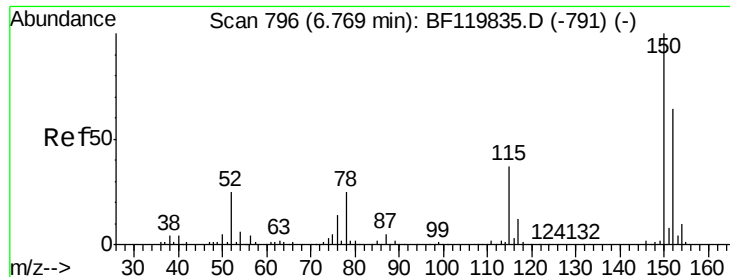
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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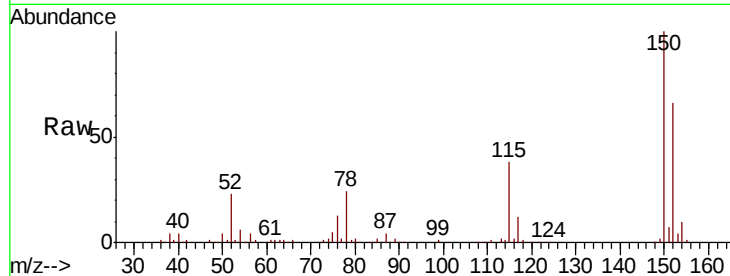


#1

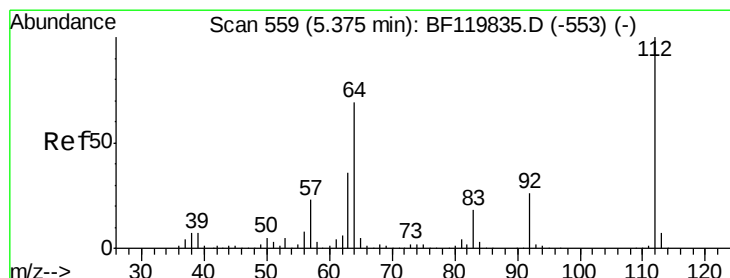
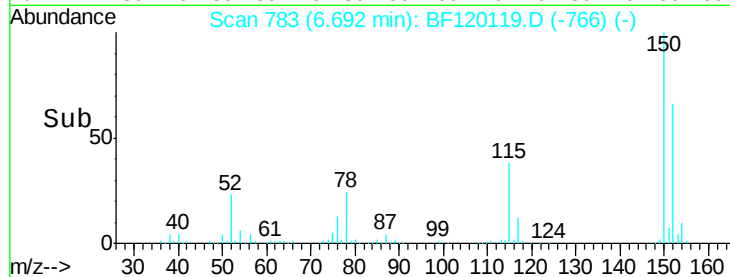
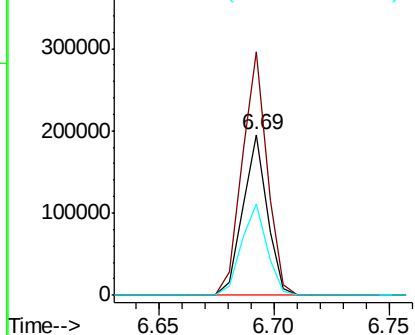
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.8	187.2
115	57.0	46.5	69.7



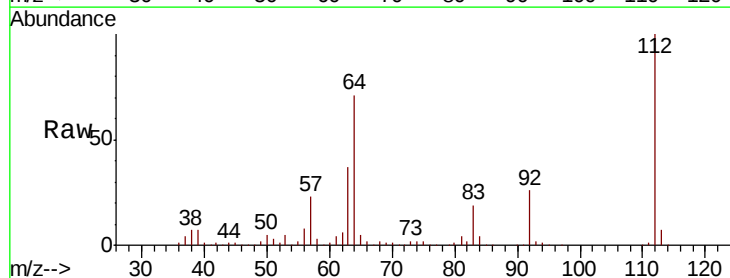
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



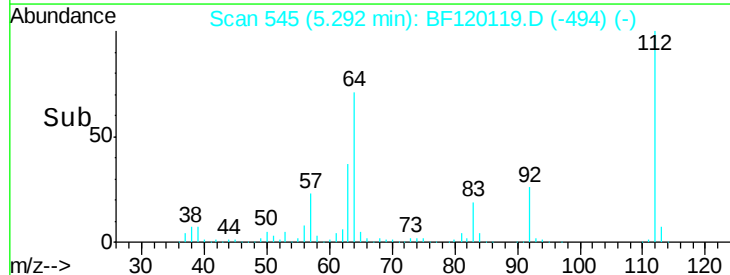
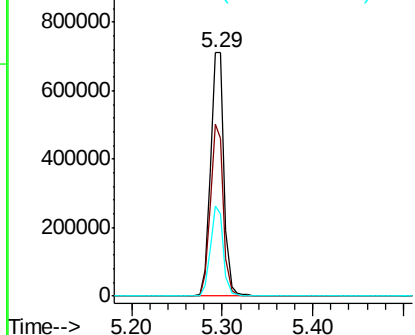
#5

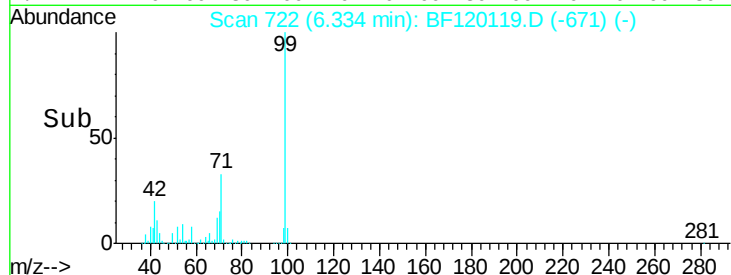
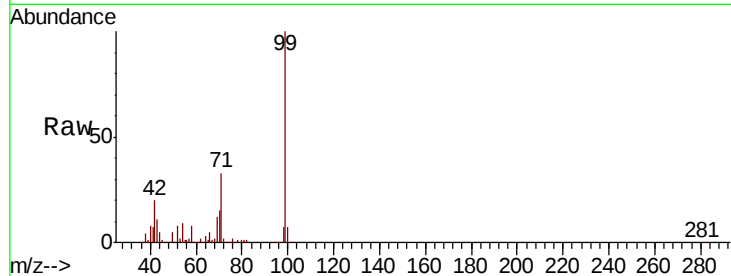
2-Fluorophenol
Concen: 89.389 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.5	83.3
63	36.8	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: 90.346 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

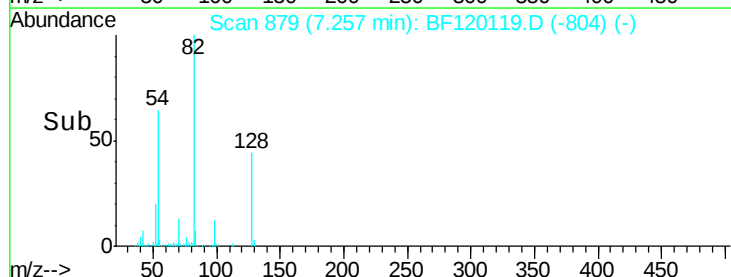
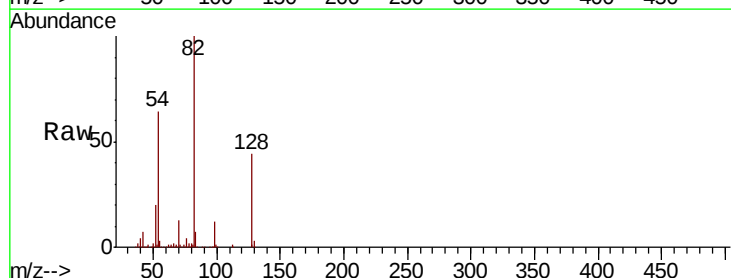
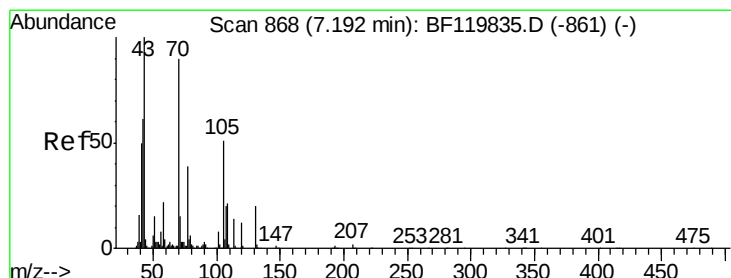
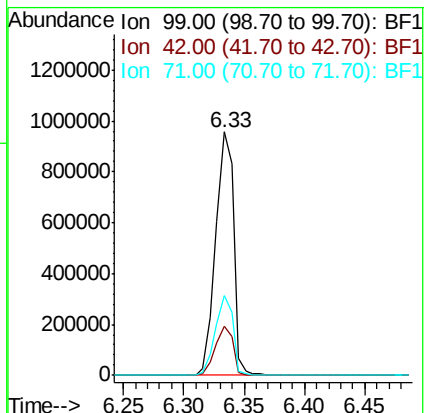
Tot Ion: 99 Resp: 972093

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 32.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.063 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Tgt Ion: 70 Resp: 76543

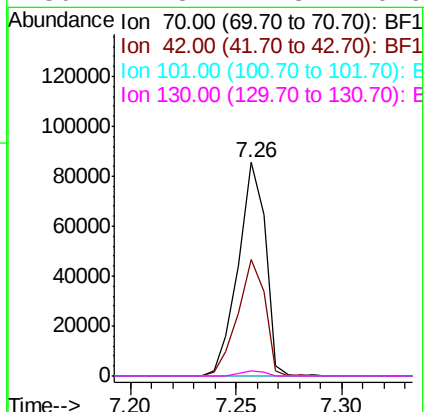
Ion Ratio Lower Upper

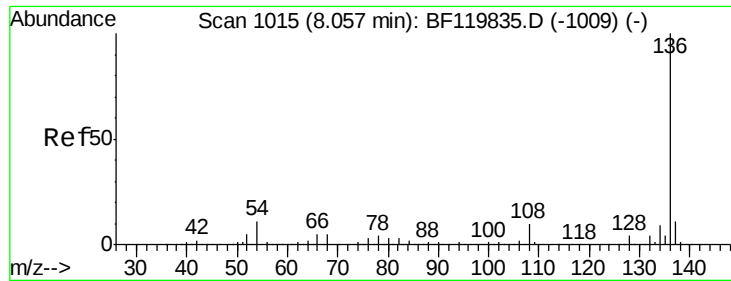
70 100

42 54.7 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

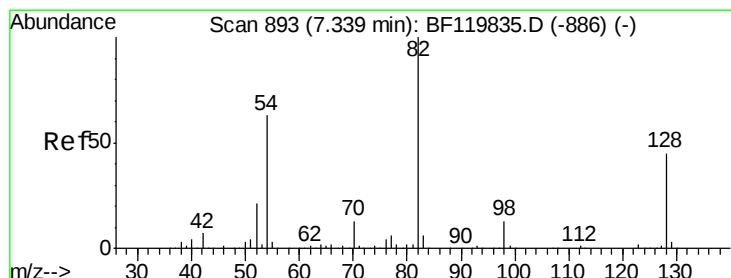
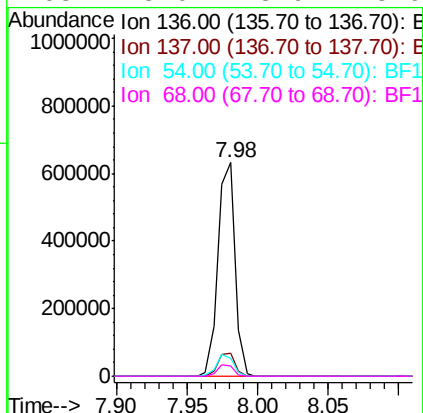
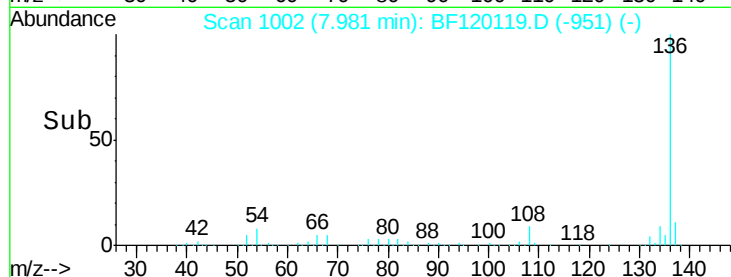
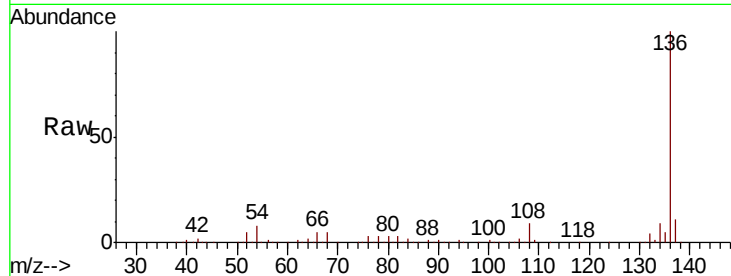




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

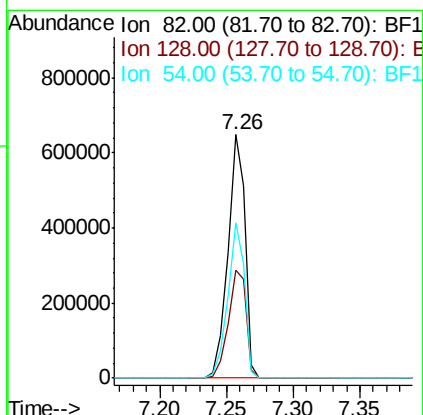
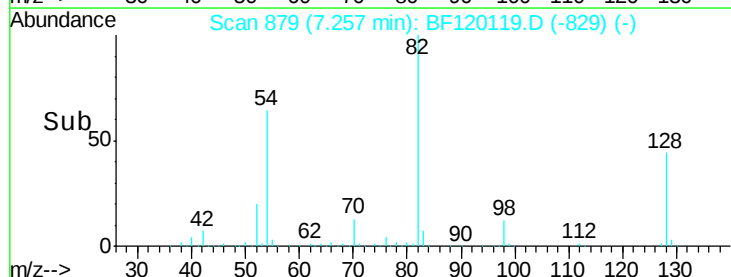
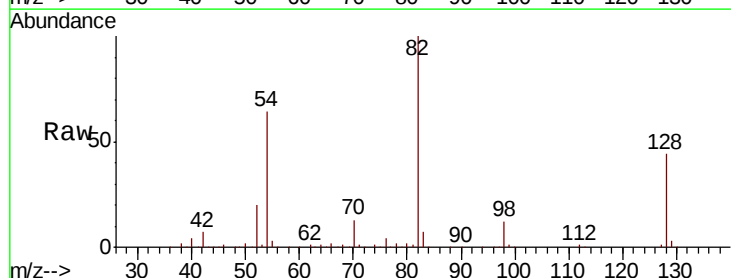
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	534465
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	8.5	8.5 12.7#
68	5.0	3.9 5.9



#23
Nitrobenzene-d5
Concen: 57.153 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion: 82	Resp:	590454
Ion	Ratio	Lower Upper
82	100	
128	44.4	36.2 54.4
54	63.9	50.4 75.6





#25

Isophorone

Concen: 29.637 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

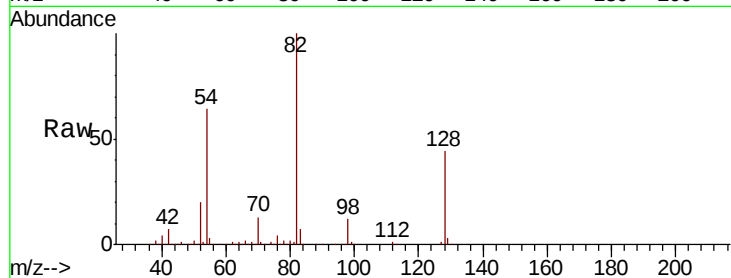
Tot Ion: 82 Resp: 590221

Ion Ratio Lower Upper

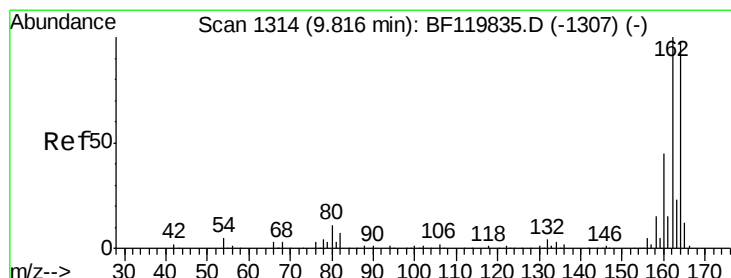
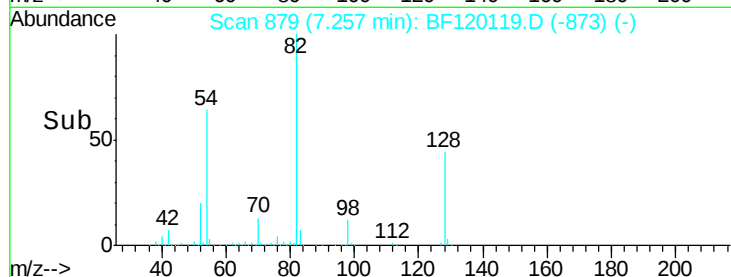
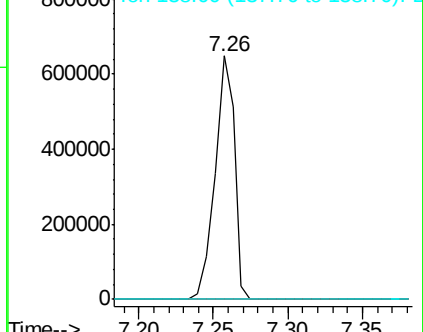
82 100

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: BF120119.D

Acq: 21 Apr 2020 22:56

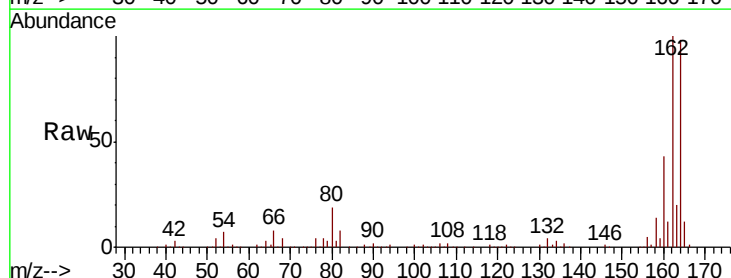
Tgt Ion: 164 Resp: 235464

Ion Ratio Lower Upper

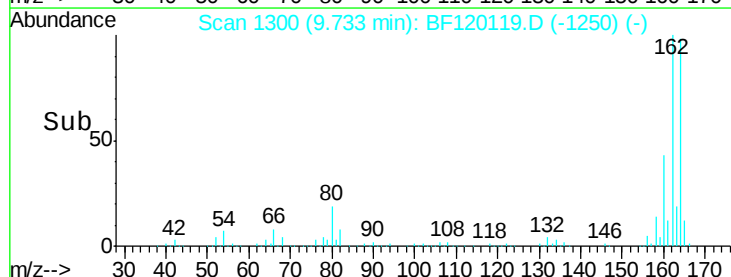
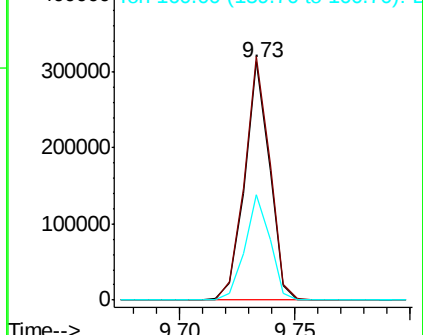
164 100

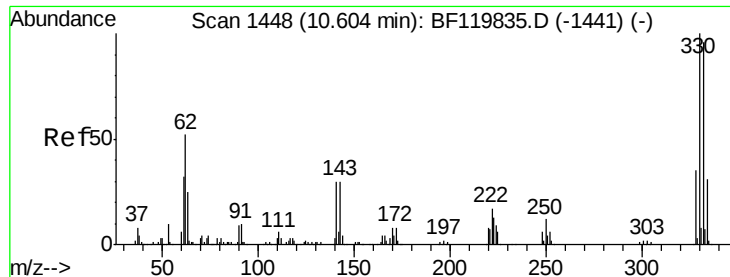
162 102.2 81.9 122.9

160 44.4 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

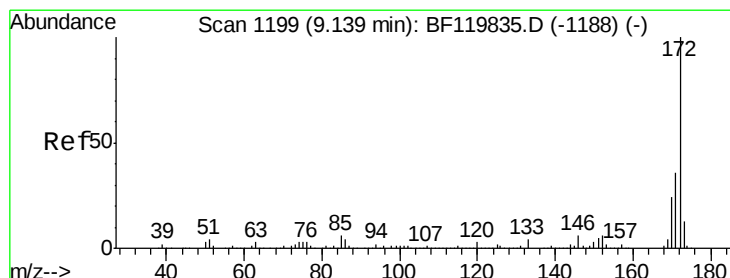
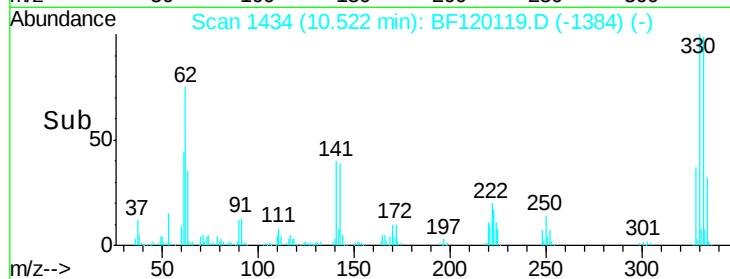
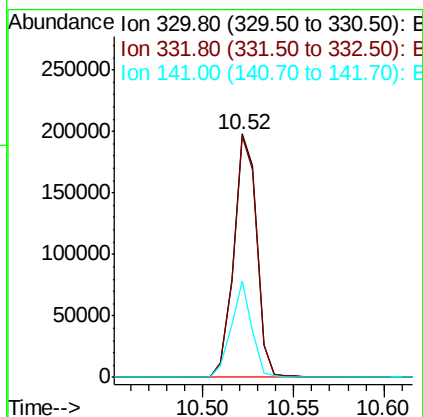
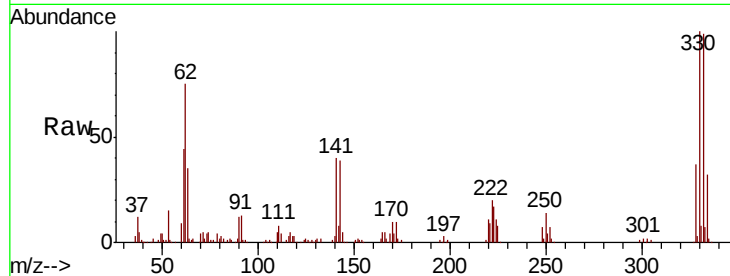




#42
 2,4,6-Tribromophenol
 Concen: 60.686 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

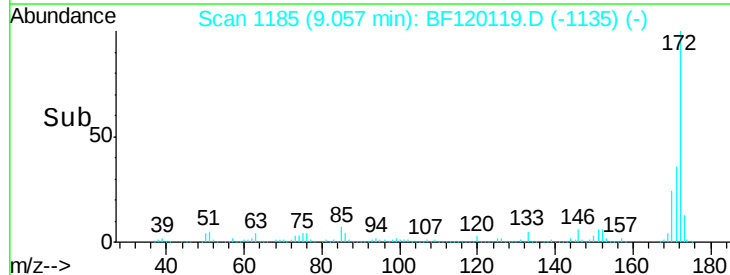
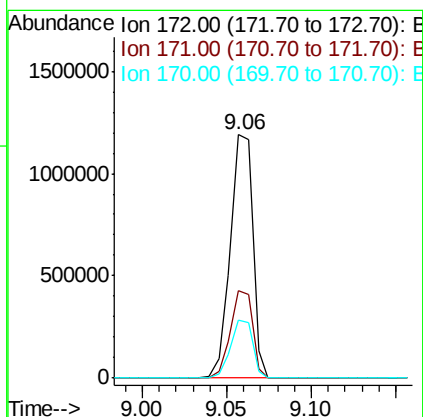
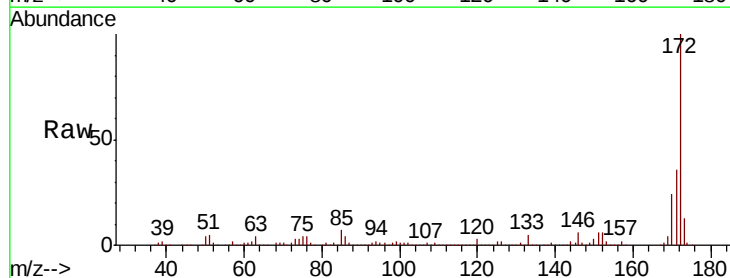
Instrument :
 BNA_F
 ClientSampled :

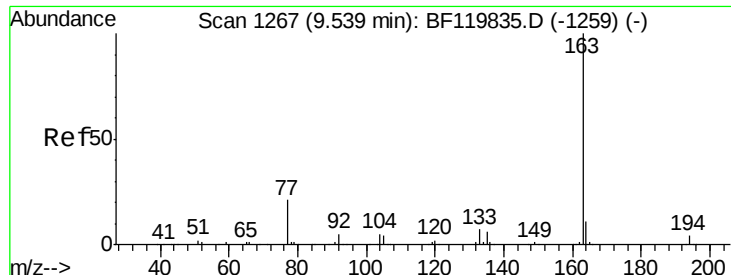
Tot Ion:330 Resp: 174951
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.8 115.2
 141 35.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 65.995 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120119.D
 Acq: 21 Apr 2020 22:56

Tgt Ion:172 Resp: 1094497
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.0 19.4 29.2

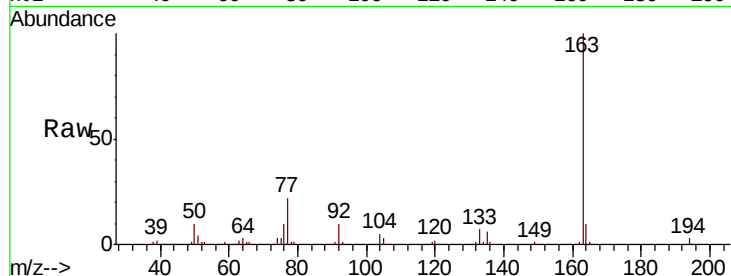




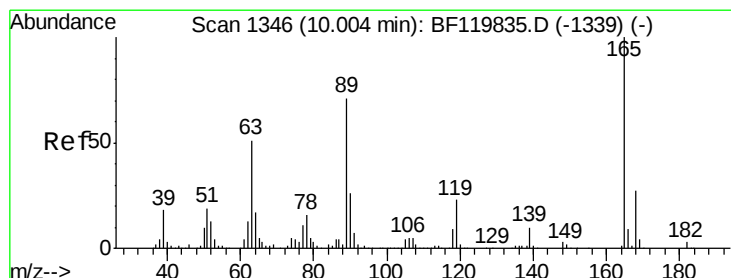
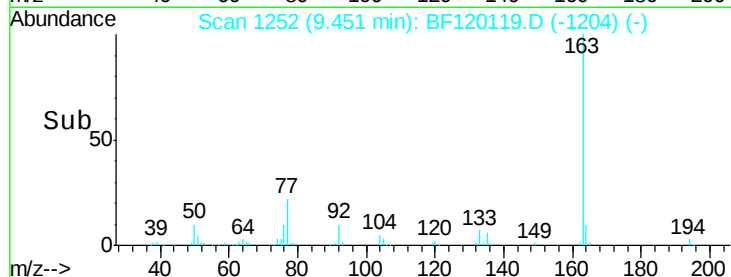
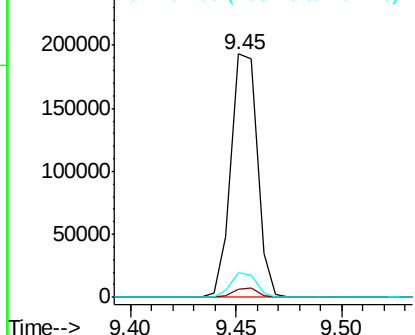
#50
Dimethylphthalate
Concen: 9.156 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.1	8.4	12.6



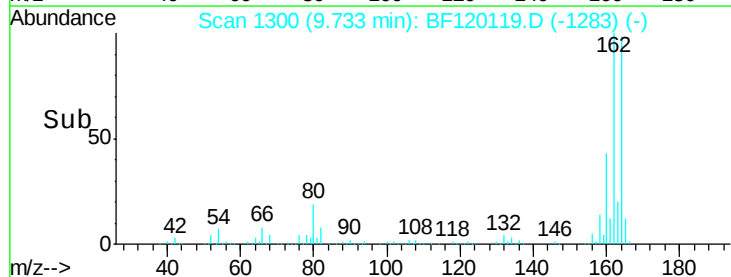
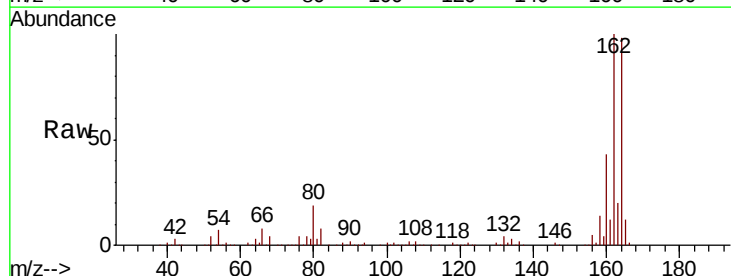
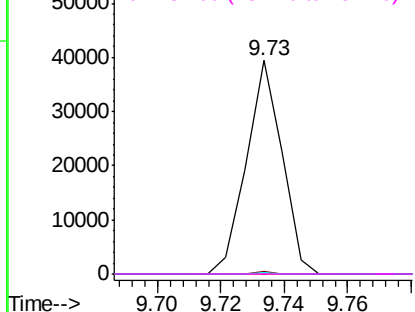
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

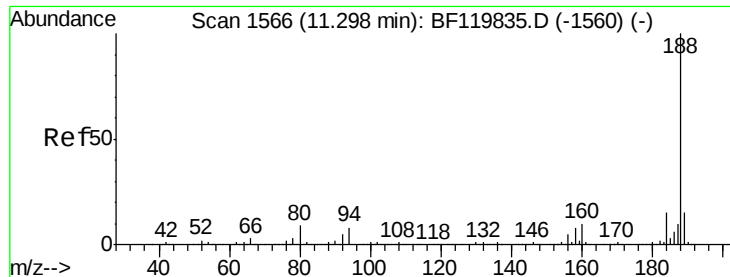


#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	0.9	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

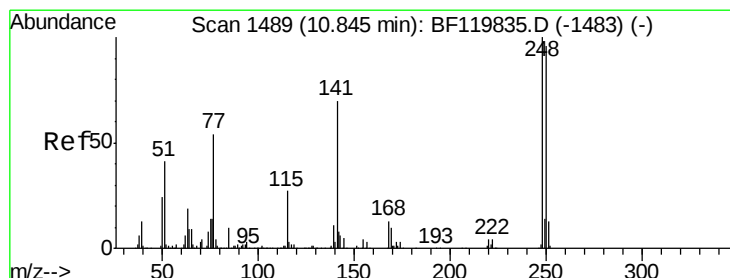
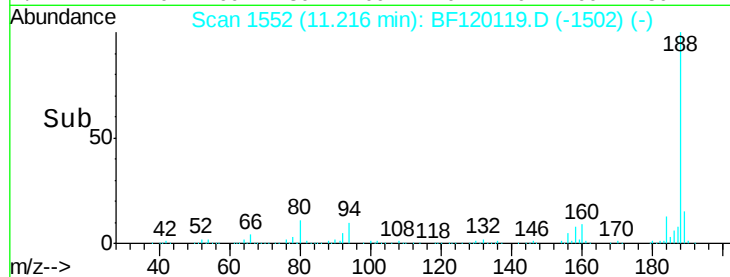
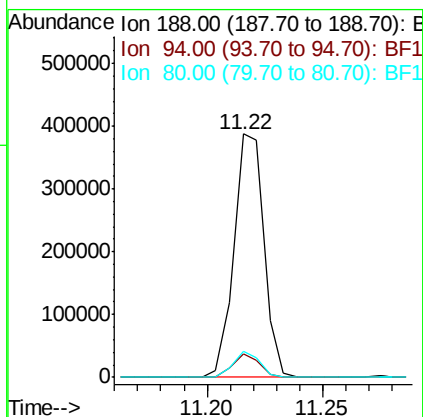
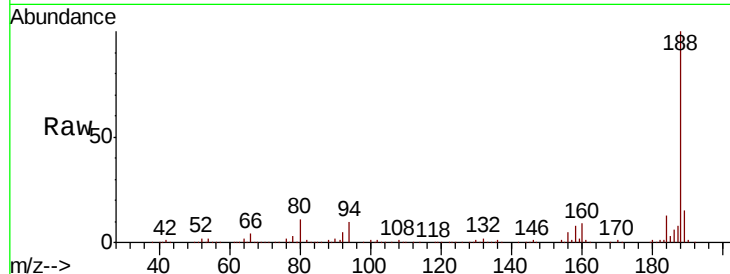




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

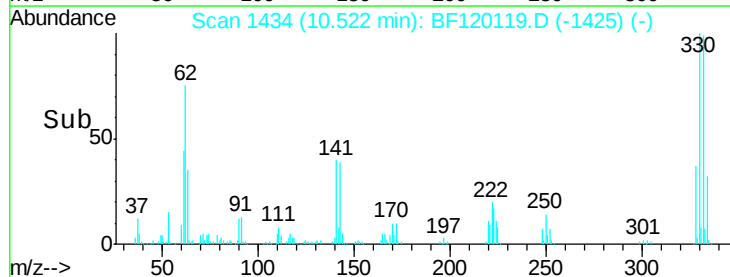
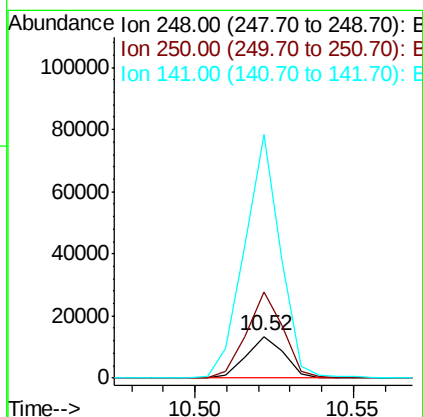
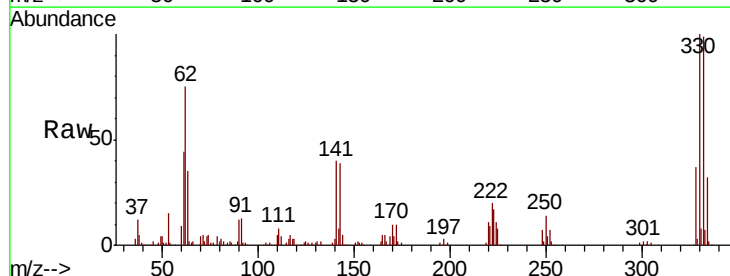
Instrument :
BNA_F
ClientSampleId :

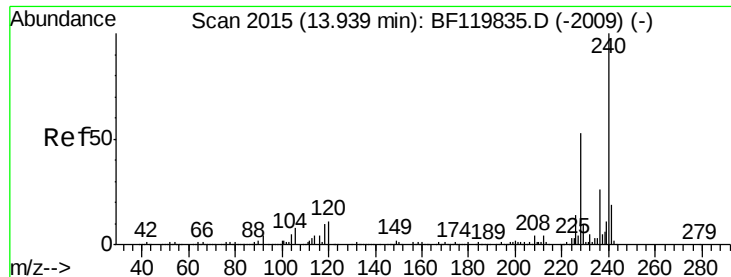
Tot Ion:188 Resp: 350881
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.499 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF120119.D
Acq: 21 Apr 2020 22:56

Tgt Ion:248 Resp: 10906
Ion Ratio Lower Upper
248 100
250 207.7 76.6 114.8#
141 586.8 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: BF120119.D

Acq: 21 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

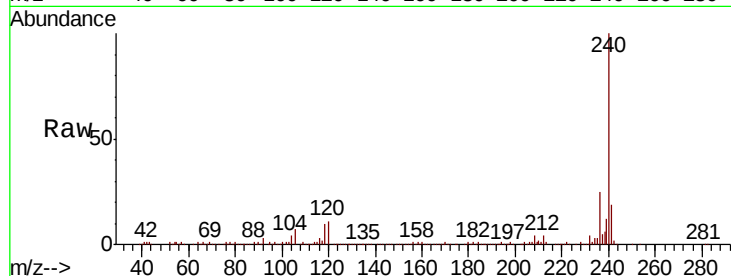
Tot Ion:240 Resp: 281407

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

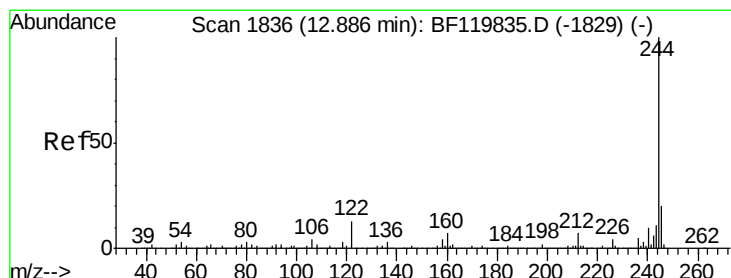
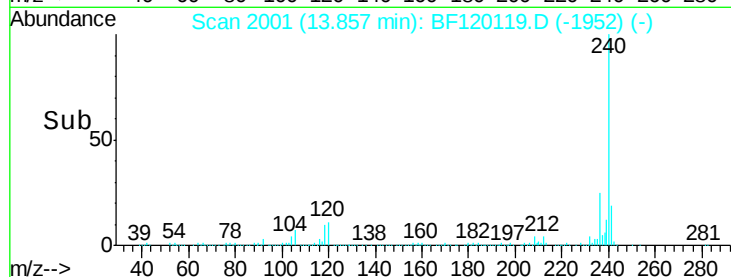
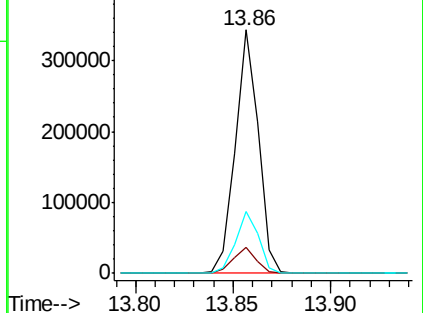
236 25.4 20.7 31.1



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: 48.321 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120119.D

Acq: 21 Apr 2020 22:56

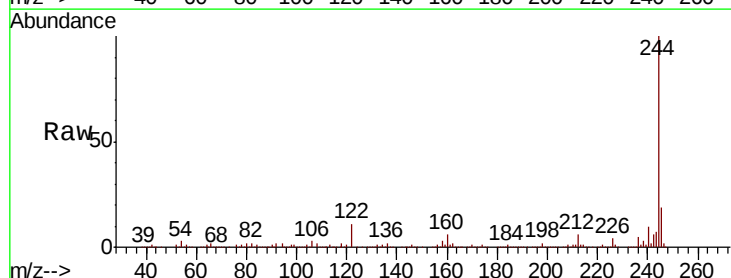
Tgt Ion:244 Resp: 808126

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

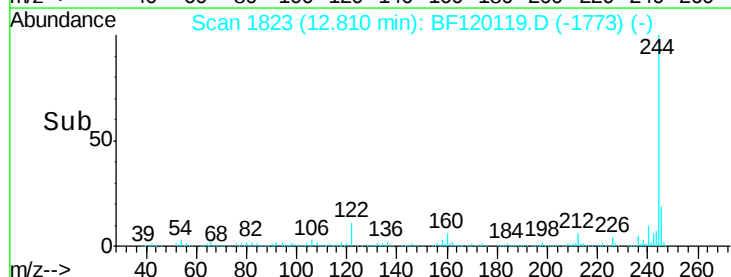
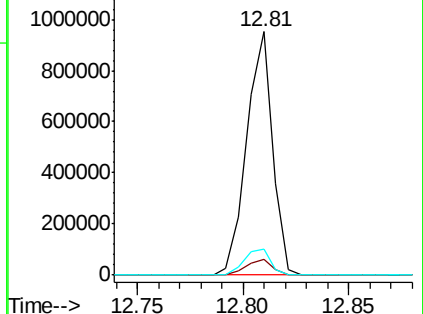
122 10.5 10.3 15.5

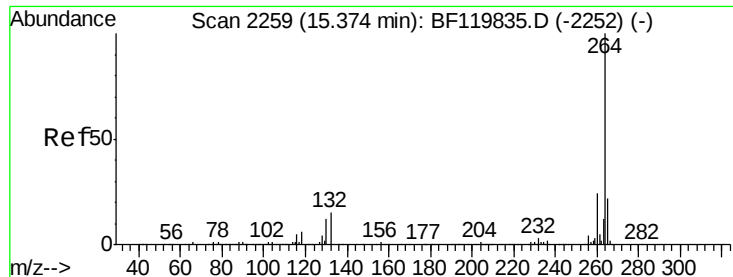


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120119.D
Acq: 21 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.8	17.6	26.4

