

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119016.D
 Acq On : 24 Feb 2020 11:28
 Operator : CG/JU
 Sample : L1362-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:21:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

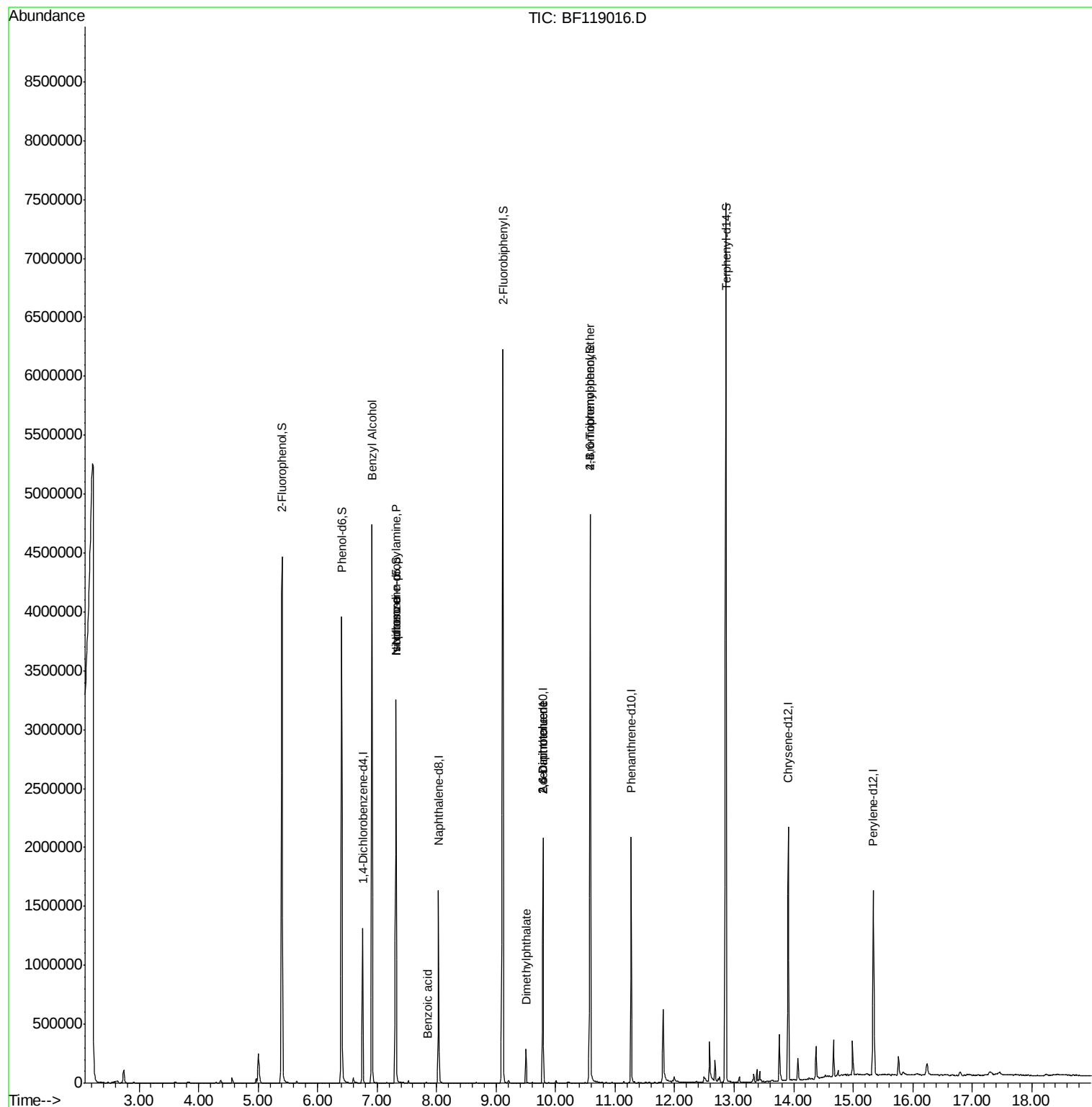
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	227192	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	856506	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	469939	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	877004	20.00	ng	0.00
76) Chrysene-d12	13.91	240	692846	20.00	ng	0.00
87) Perylene-d12	15.34	264	702602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1510388	111.10	ng	0.02
7) Phenol-d6	6.40	99	1727066	104.46	ng	0.00
23) Nitrobenzene-d5	7.32	82	1384050	85.32	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	809388	131.66	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2597786	81.44	ng	0.00
79) Terphenyl-d14	12.86	244	3177533	78.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	24060	2.013	ng	# 47
19) n-Nitroso-di-n-propylamine	7.32	70	193009	20.034	ng	# 76
25) Isophorone	7.32	82	1375757	48.834	ng	# 63
32) Benzoic acid	7.85	122	110	6.691	ng	# 52
50) Dimethylphthalate	9.50	163	128829	3.585	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	60823	7.618	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	60823	5.877	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	52482	4.578	ng	# 1

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

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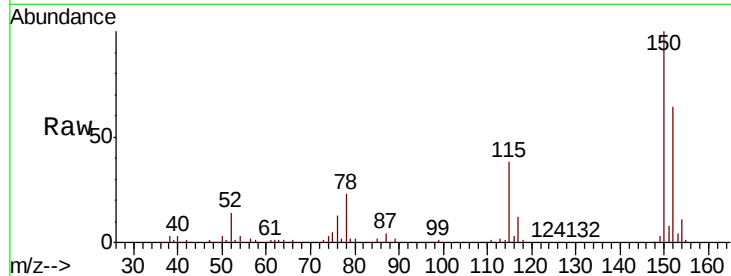


#1

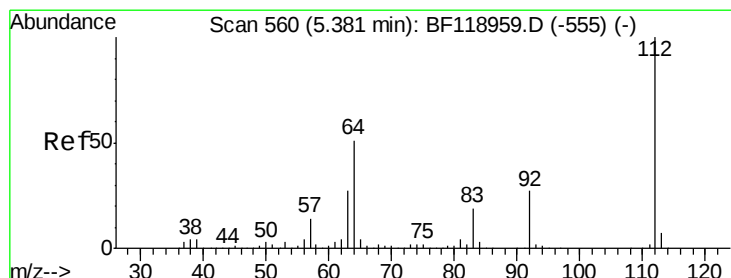
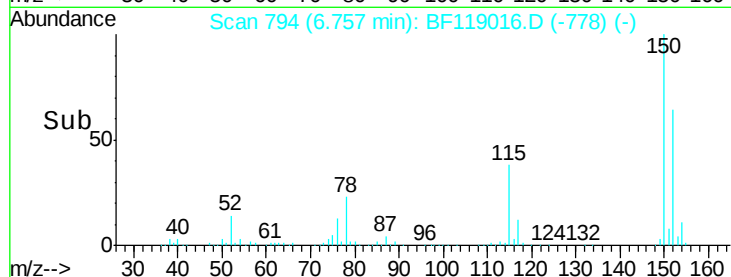
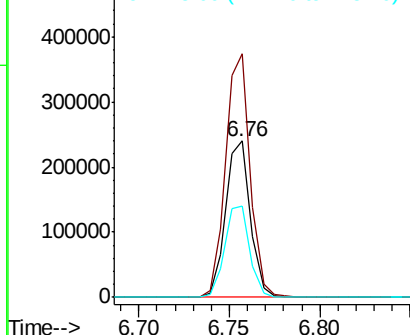
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 227192
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 58.7 44.6 67.0



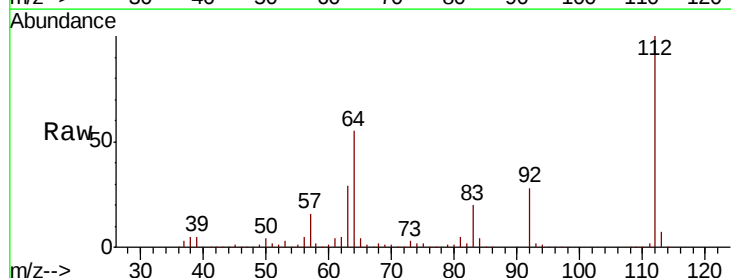
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



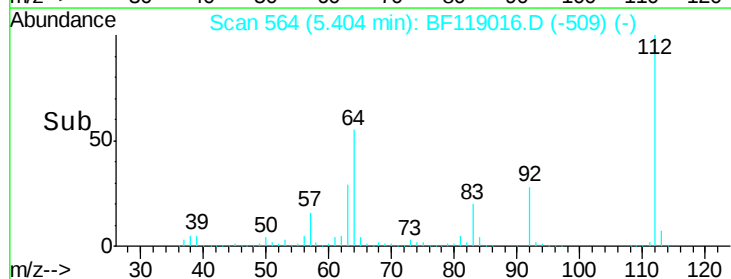
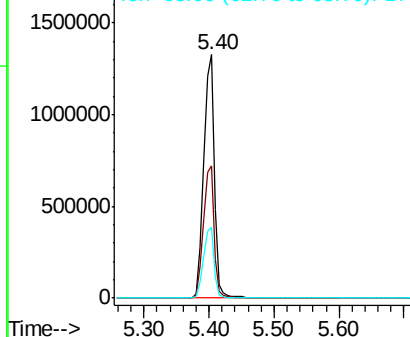
#5

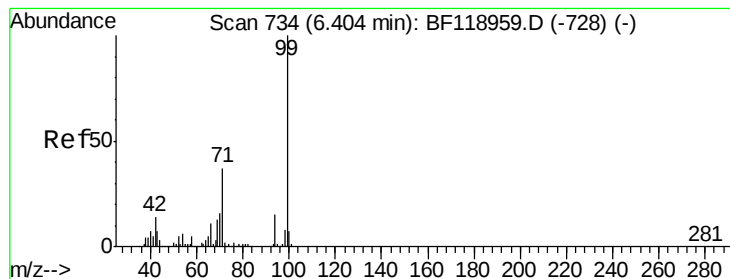
2-Fluorophenol
Concen: 111.101 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion:112 Resp: 1510388
Ion Ratio Lower Upper
112 100
64 54.5 40.4 60.6
63 29.2 21.3 31.9



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: 104.457 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

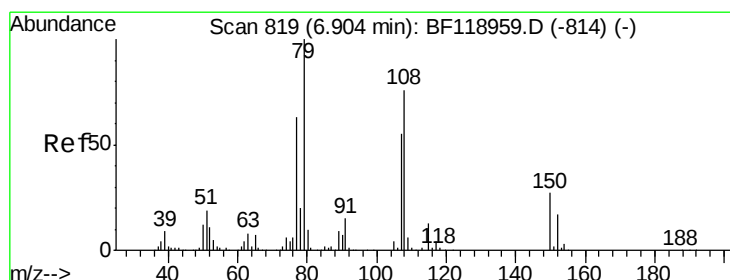
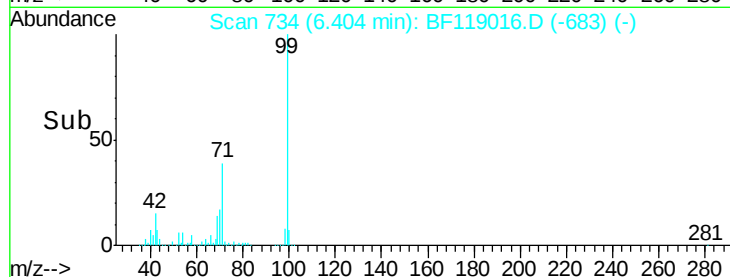
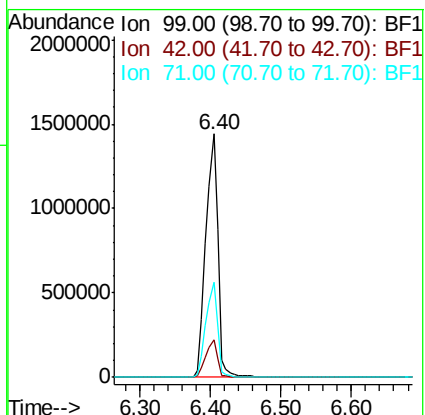
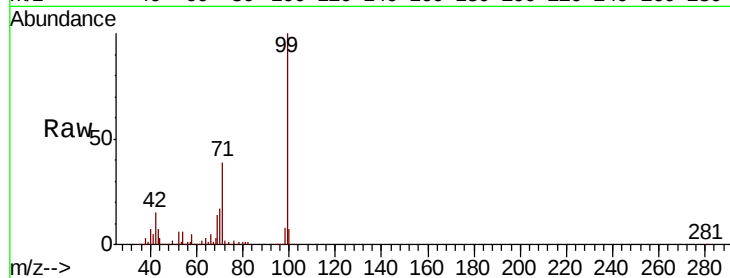
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1727066

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.4	17.0
71	39.0	29.8	44.6



#15

Benzyl Alcohol

Concen: 2.013 ng

RT: 6.92 min Scan# 821

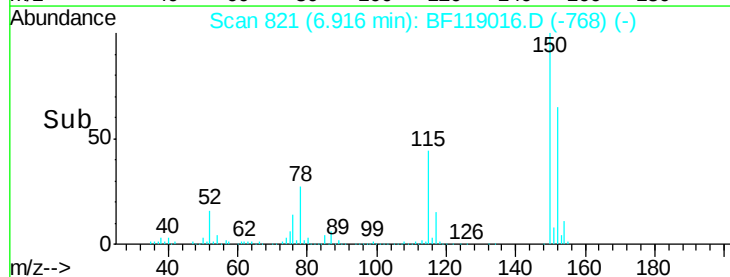
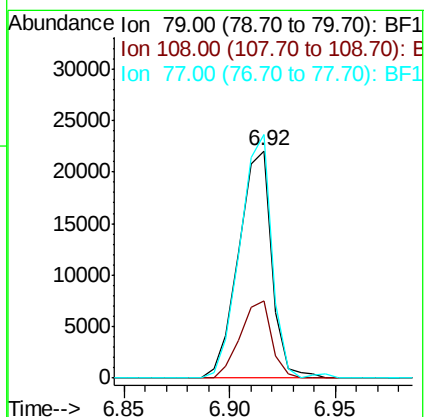
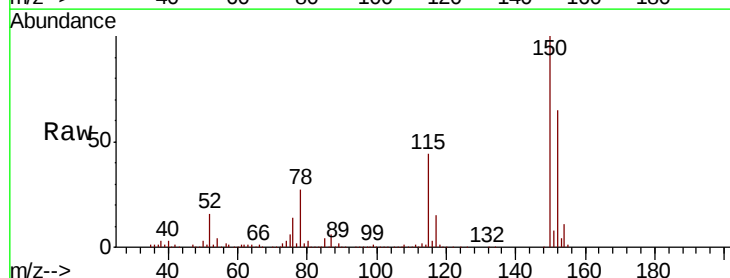
Delta R.T. 0.01 min

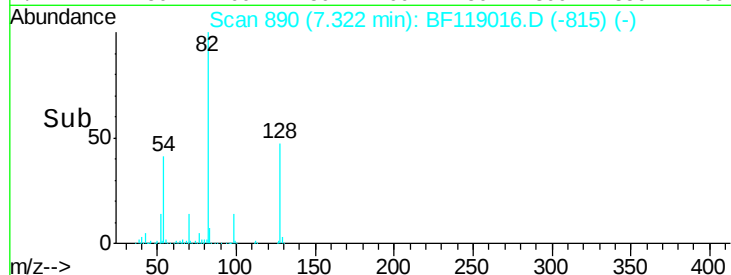
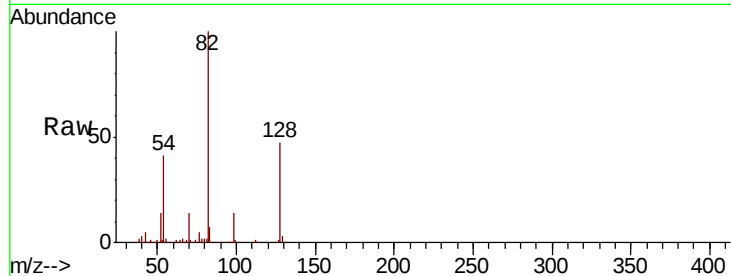
Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Tgt Ion: 79 Resp: 24060

Ion	Ratio	Lower	Upper
79	100		
108	34.3	61.1	91.7#
77	107.2	50.2	75.2#

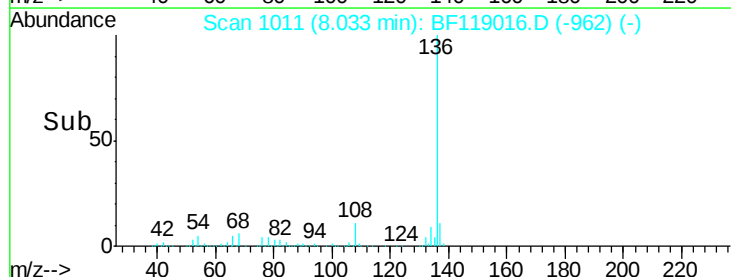
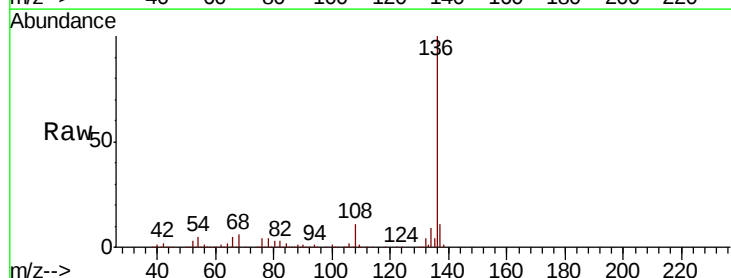
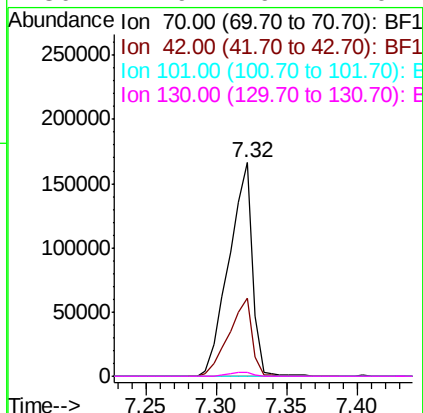




#19
n-Nitroso-di-n-propylamine
Concen: 20.034 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

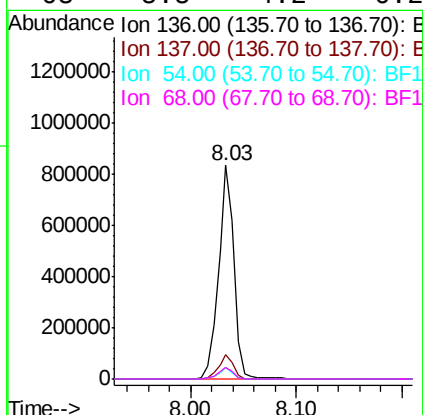
Instrument :
BNA_F
ClientSampleId :

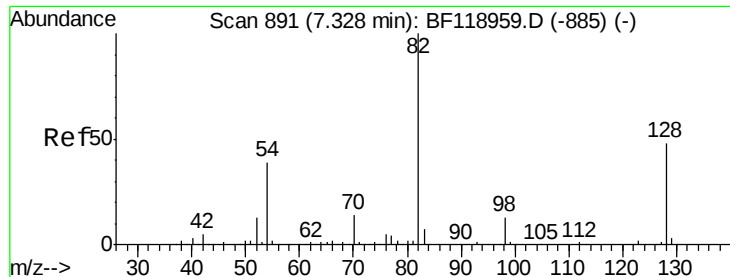
Tot Ion	70	Resp	193009
Ion Ratio	Lower	Upper	
70	100		
42	36.4	34.6	51.8
101	0.0	8.1	12.1#
130	1.9	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion	136	Resp	856506
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.2	3.8	5.6
68	5.5	4.2	6.2

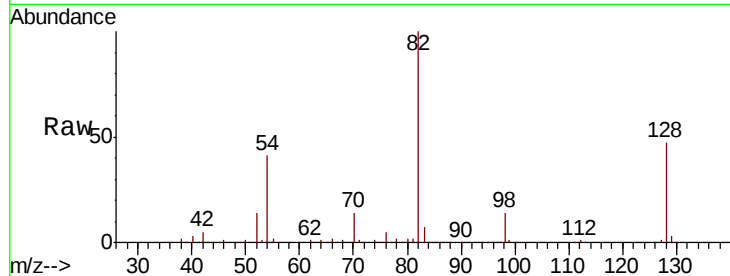




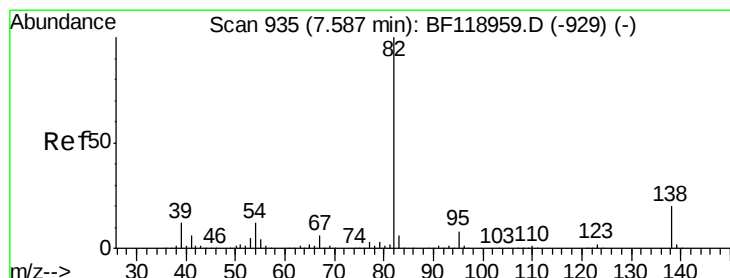
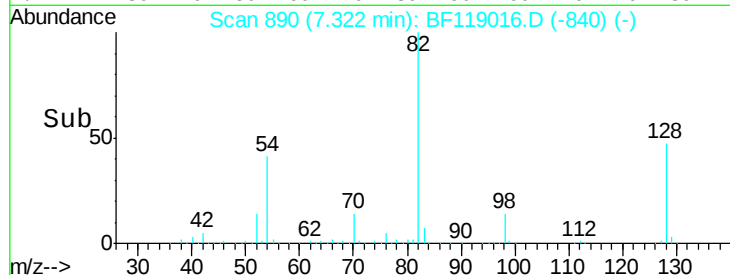
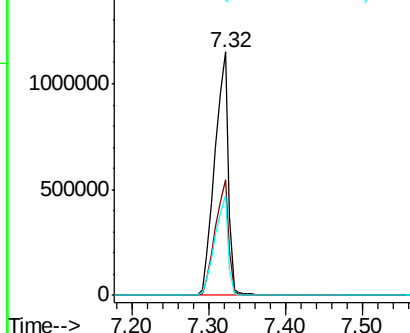
#23
Nitrobenzene-d5
Concen: 85.321 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1384050
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.2
54 40.9 31.3 46.9

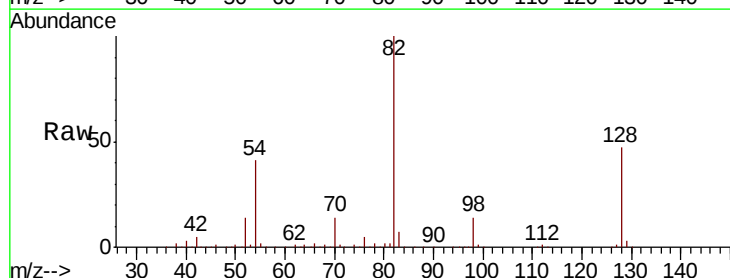


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

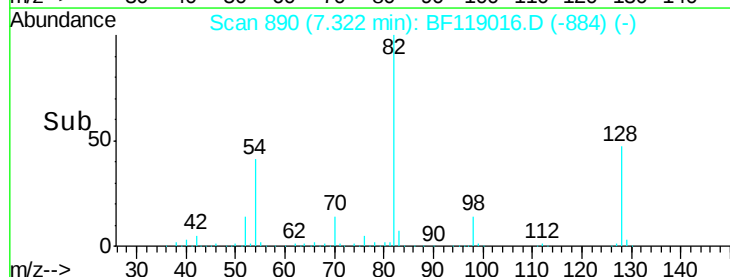
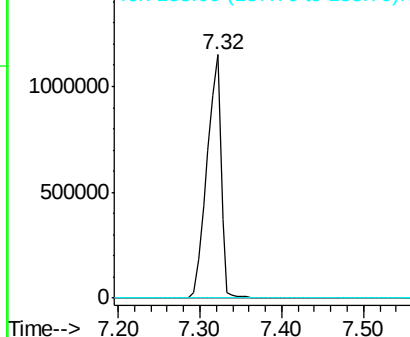


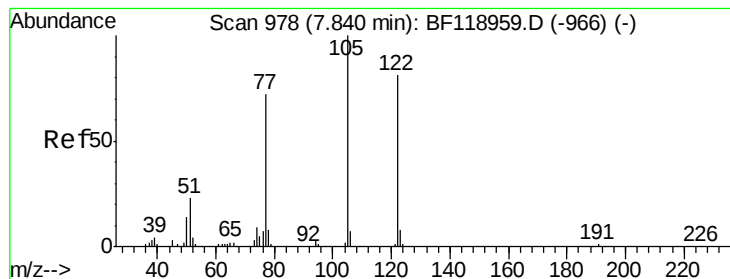
#25
Isophorone
Concen: 48.834 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion: 82 Resp: 1375757
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



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





#32

Benzoic acid

Concen: 6.691 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Instrument :

BNA_F

ClientSampled :

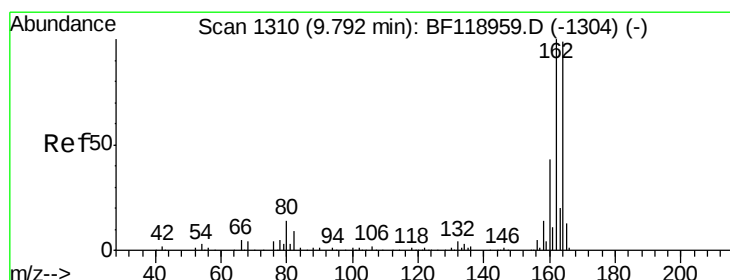
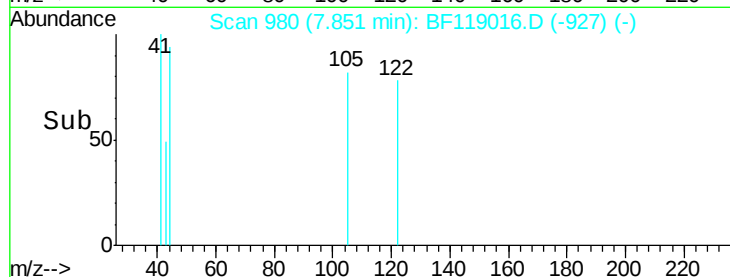
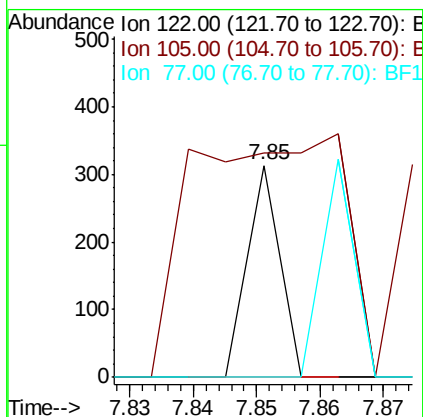
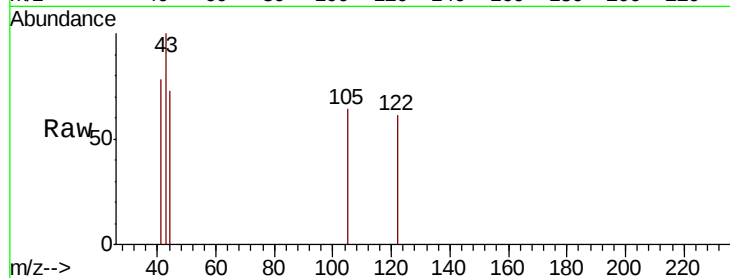
Tot Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 105.8 102.2 142.2

77 0.0 68.6 108.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

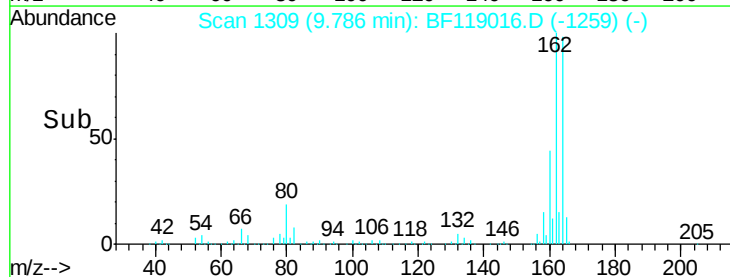
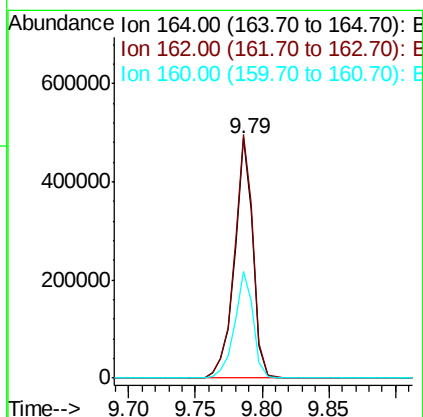
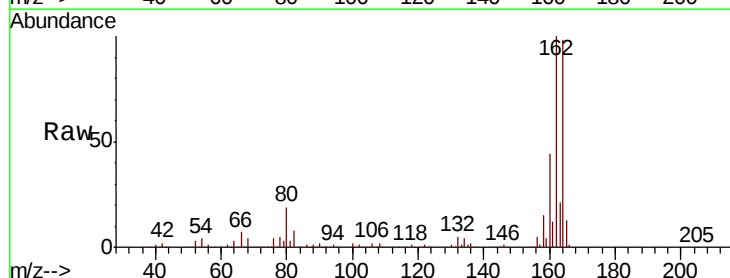
Tgt Ion:164 Resp: 469939

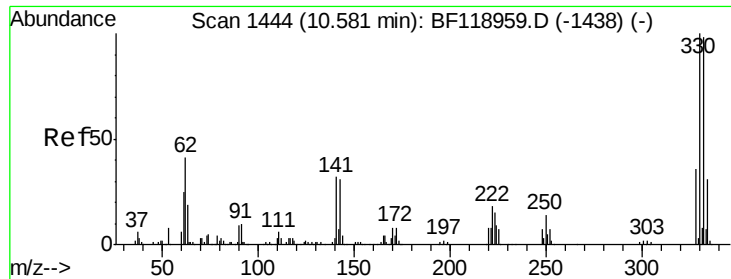
Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

160 44.6 35.2 52.8

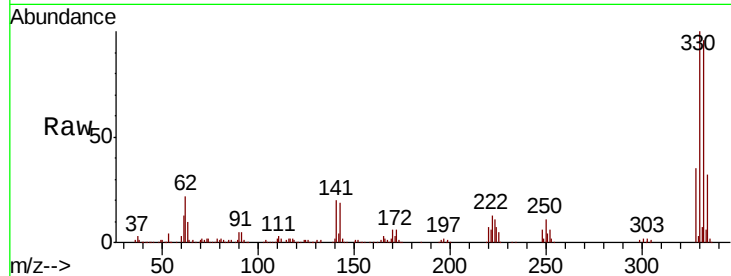




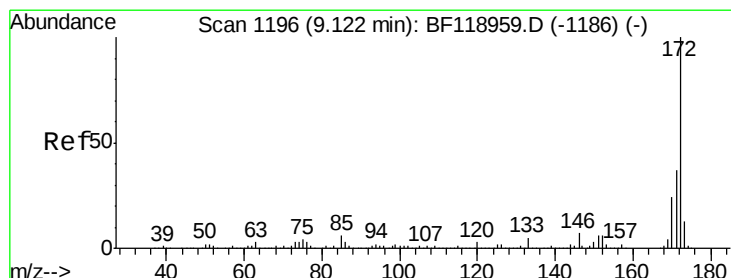
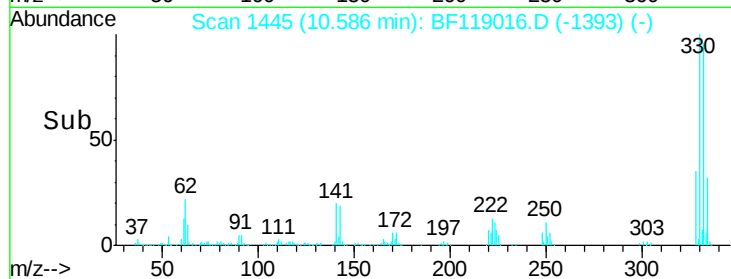
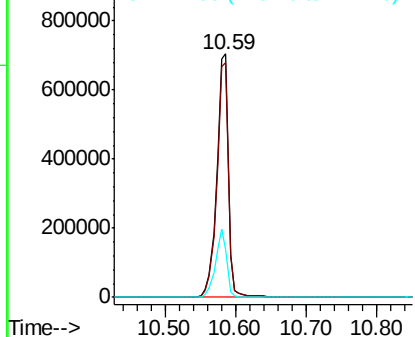
#42
 2,4,6-Tribromophenol
 Concen: 131.659 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 809388
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 27.3 23.0 34.6

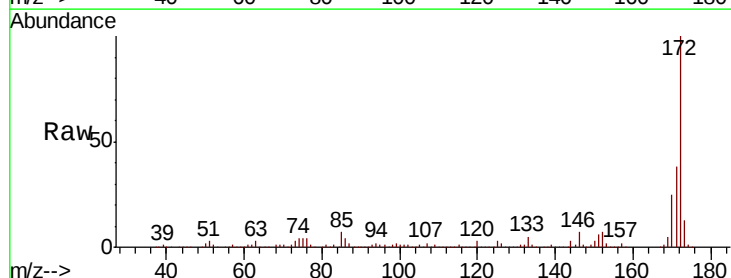


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

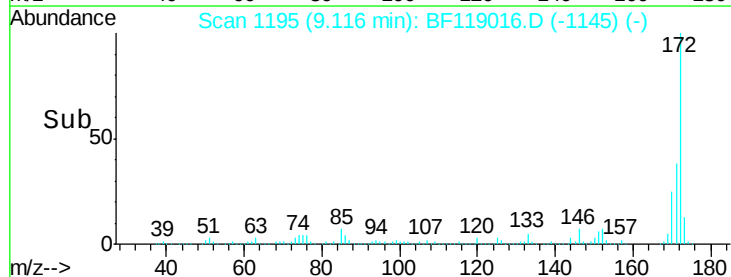
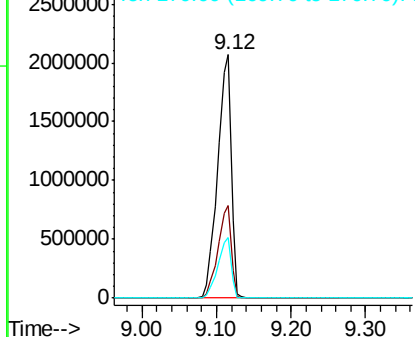


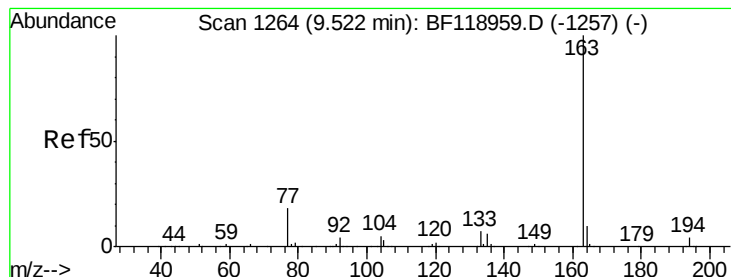
#45
 2-Fluorobiphenyl
 Concen: 81.436 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

Tgt Ion:172 Resp: 2597786
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.4 44.2
 170 25.0 19.6 29.4



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: 3.585 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Instrument :

BNA_F

ClientSampleId :

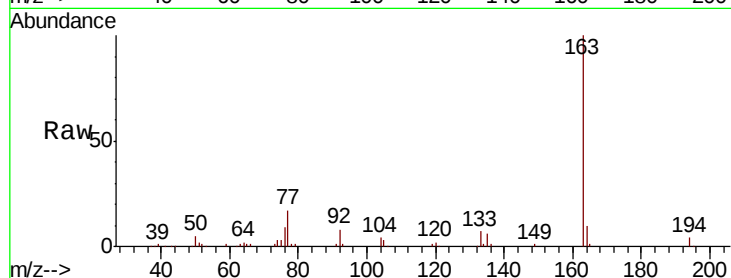
Tot Ion:163 Resp: 128829

Ion Ratio Lower Upper

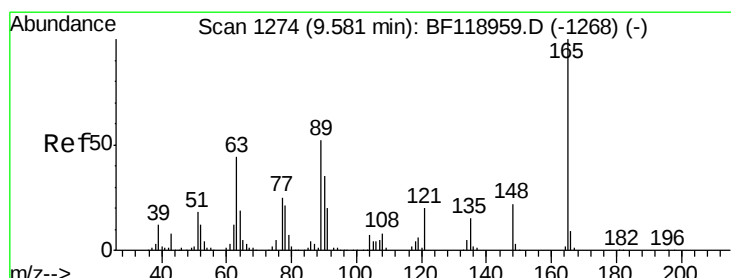
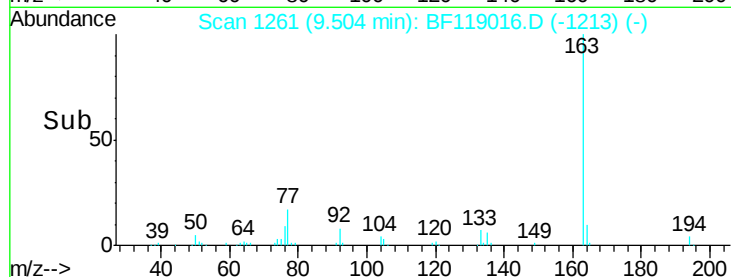
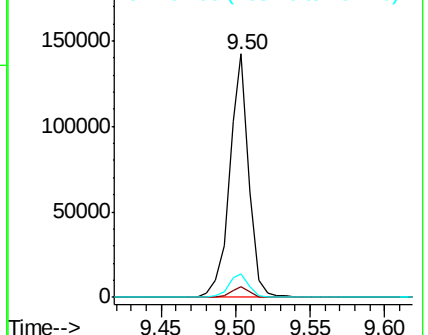
163 100

194 4.3 3.4 5.2

164 9.7 8.2 12.2



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



#51

2,6-Dinitrotoluene

Concen: 7.618 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

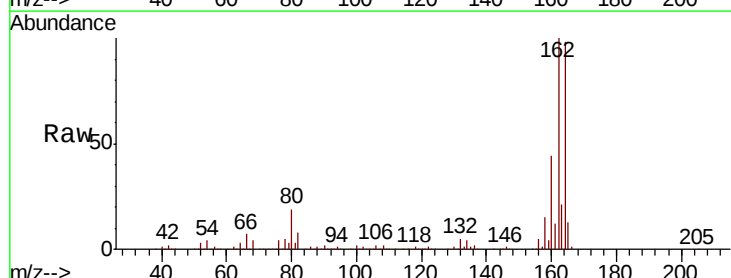
Tgt Ion:165 Resp: 60823

Ion Ratio Lower Upper

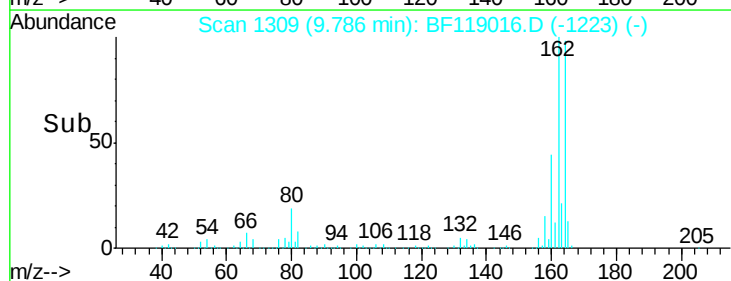
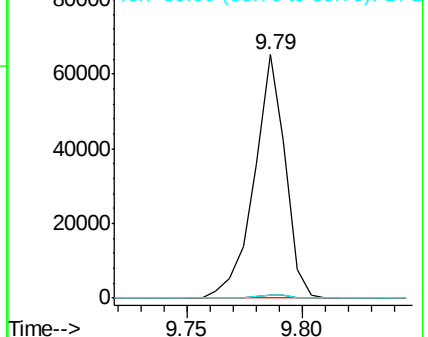
165 100

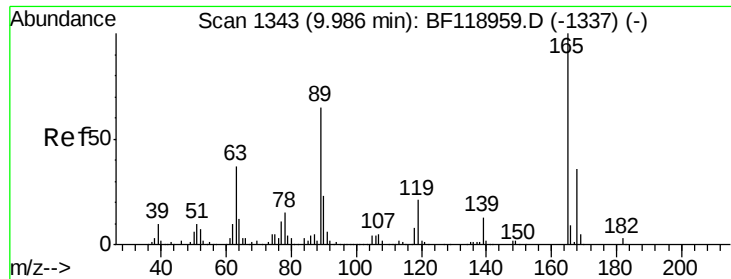
63 1.2 37.9 56.9#

89 1.5 41.4 62.0#



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

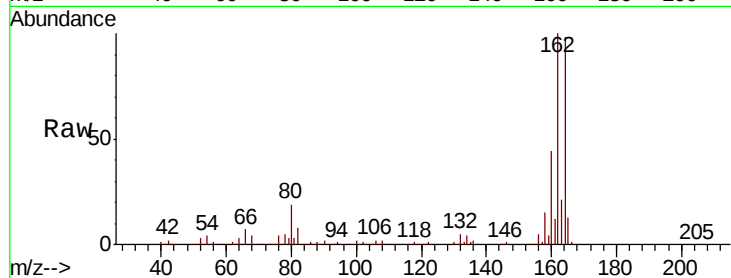




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.5	51.9	77.9#
182	0.0	2.3	3.5#

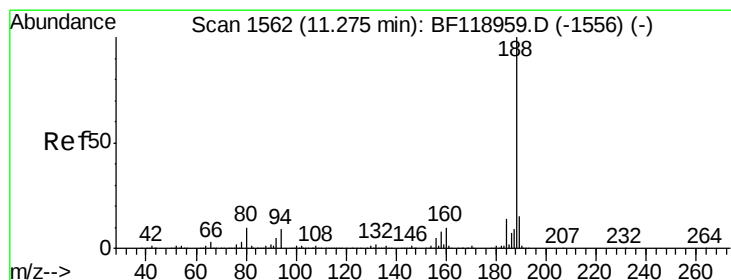
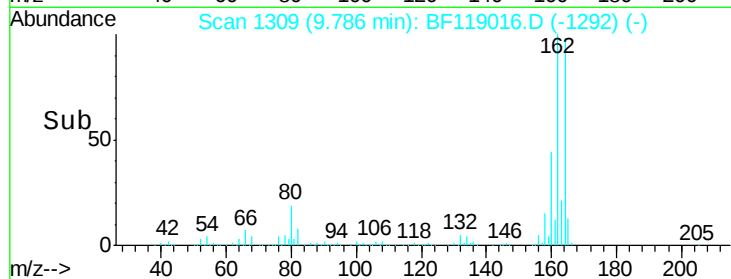
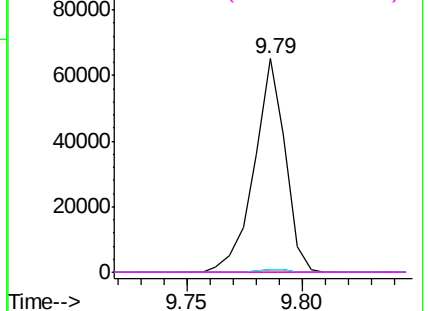


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

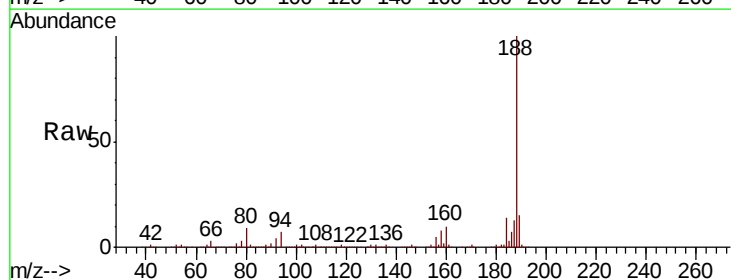
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF119016.D
 Acq: 24 Feb 2020 11:28

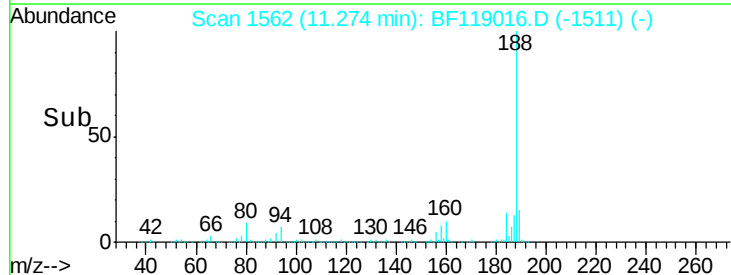
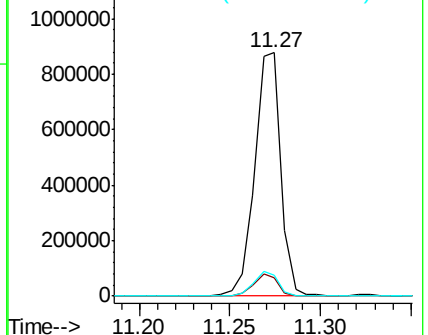
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.5	7.9	11.9

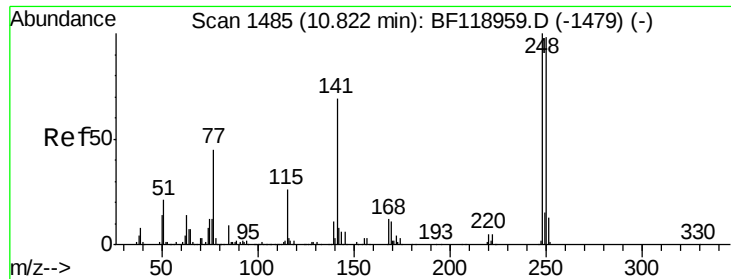


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

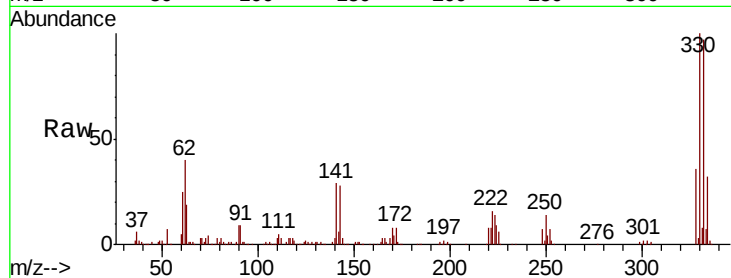




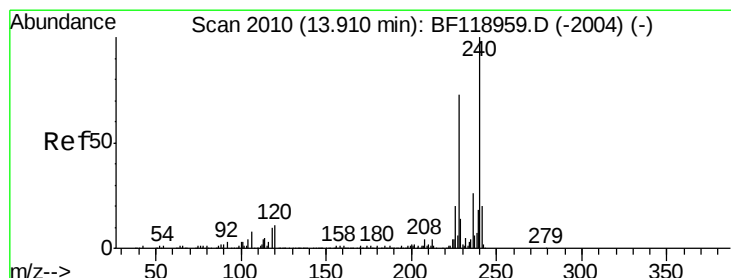
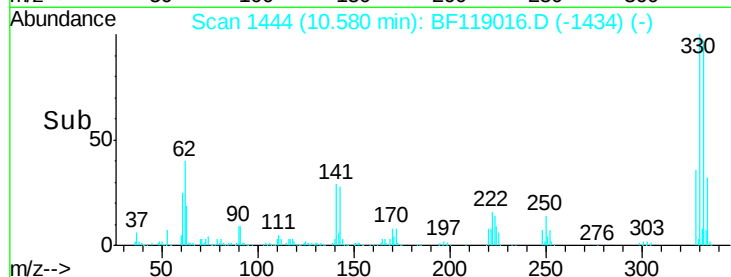
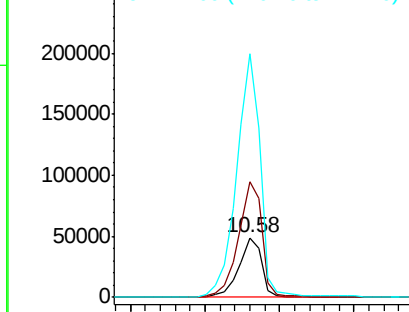
#67
4-Bromophenyl-phenylether
Concen: 4.578 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 52482
Ion Ratio Lower Upper
248 100
250 193.0 78.8 118.2#
141 407.5 55.3 82.9#

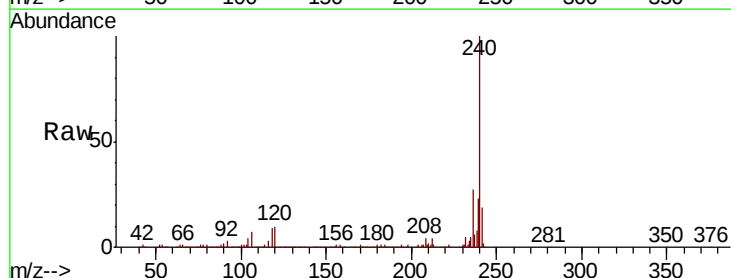


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

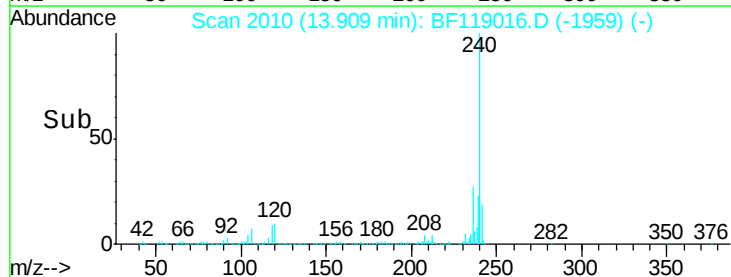
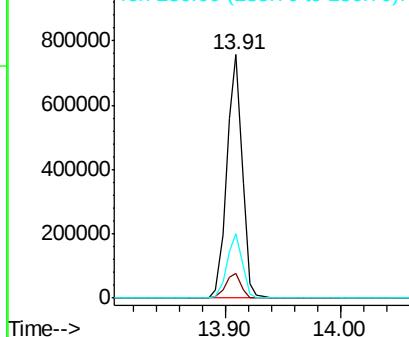


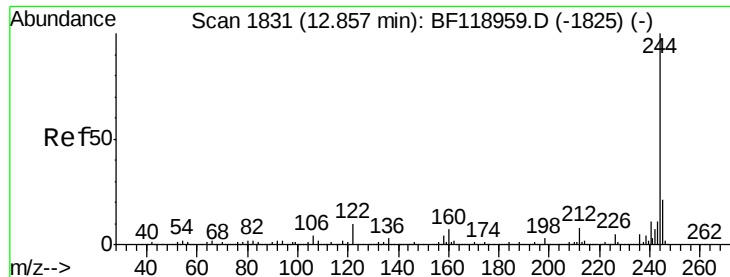
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119016.D
Acq: 24 Feb 2020 11:28

Tgt Ion:240 Resp: 692846
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.6 20.6 30.8



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: 78.959 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

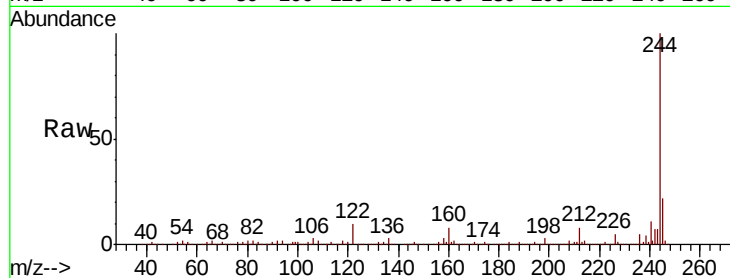
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3177533

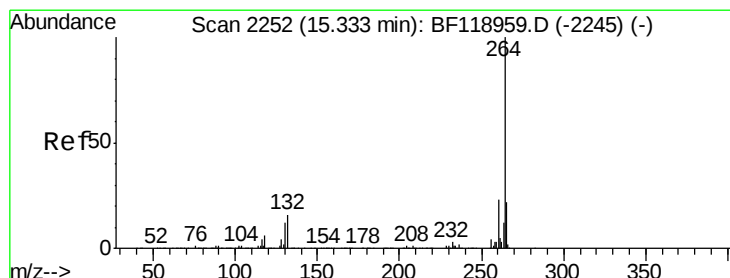
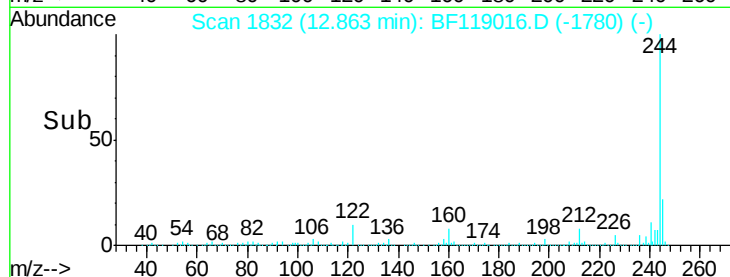
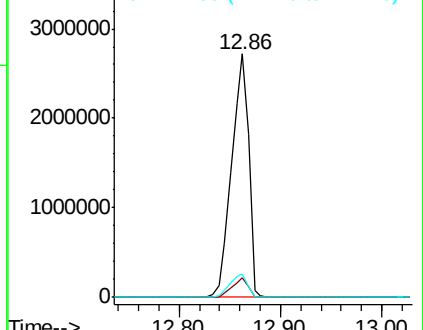
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	9.9	8.4	12.6



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: 15.34 min Scan# 2253

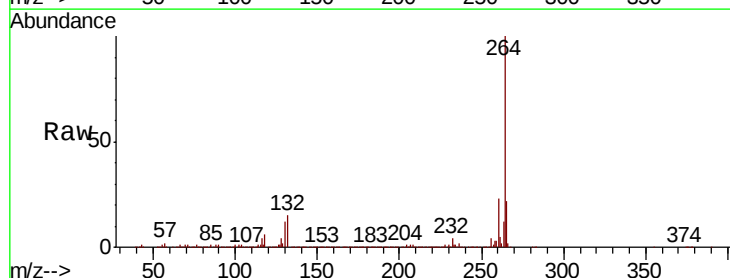
Delta R.T. 0.01 min

Lab File: BF119016.D

Acq: 24 Feb 2020 11:28

Tgt Ion:264 Resp: 702602

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.5	17.3	25.9



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

