

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119088.D
 Acq On : 26 Feb 2020 11:57
 Operator : CG/JU
 Sample : L1586-08RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 16:10:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

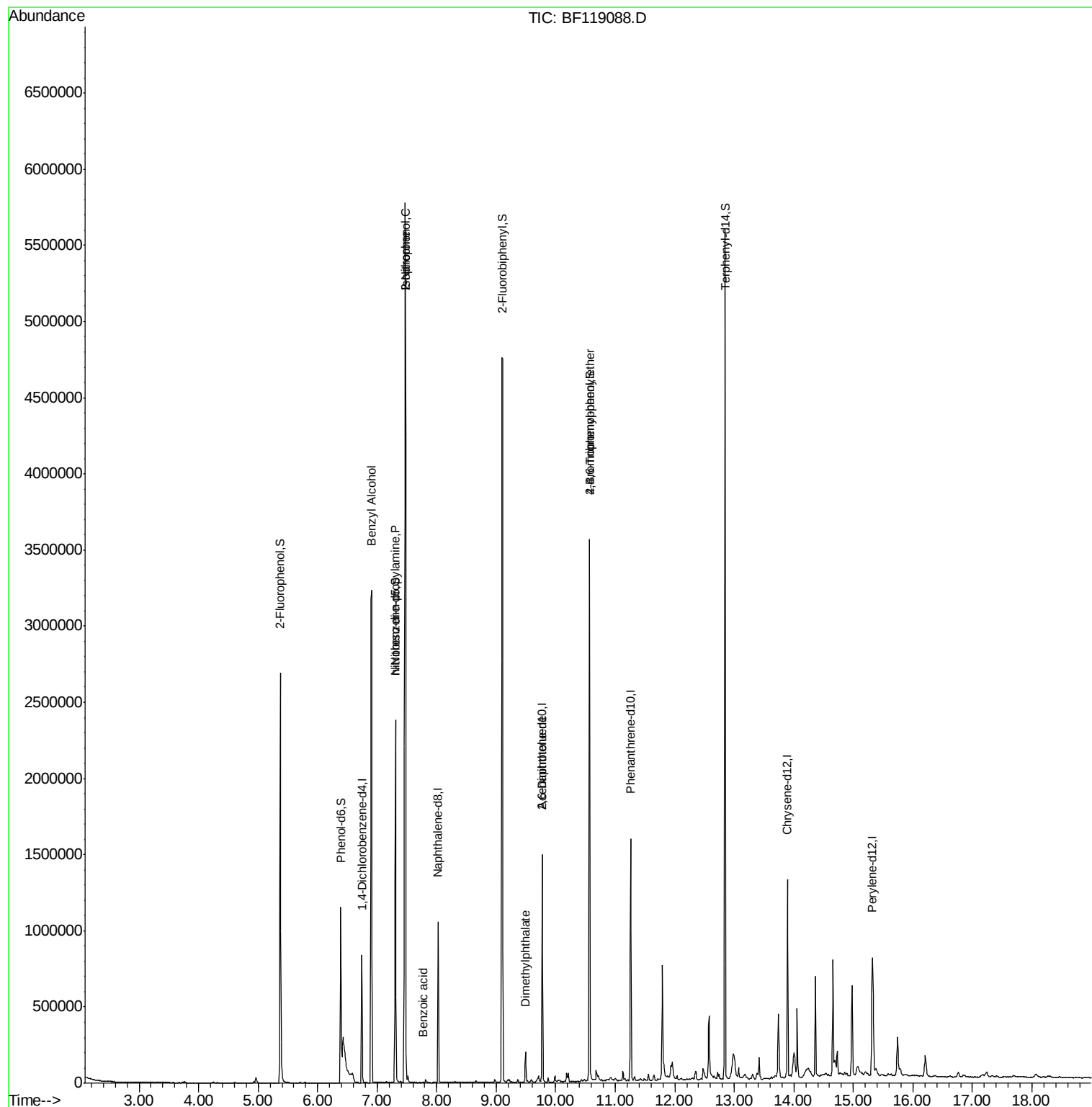
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	137644	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	527387	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	291099	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	550781	20.00	ng	0.00
76) Chrysene-d12	13.89	240	437582	20.00	ng	-0.01
87) Perylene-d12	15.32	264	339323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	875500	106.30	ng	0.00
7) Phenol-d6	6.39	99	482258	48.14	ng	-0.02
23) Nitrobenzene-d5	7.31	82	900410	90.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	526201	138.18	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1745743	88.35	ng	0.00
79) Terphenyl-d14	12.85	244	2154018	84.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	15775	2.179	ng	# 49
19) n-Nitroso-di-n-propylamine	7.31	70	124930	21.404	ng	# 74
25) Isophorone	7.47	82	466433	26.889	ng	# 82
26) 2-Nitrophenol	7.47	139	153596	29.348	ng	# 1
32) Benzoic acid	7.77	122	802	6.813	ng	94
50) Dimethylphthalate	9.49	163	77604	3.486	ng	99
51) 2,6-Dinitrotoluene	9.77	165	37883	7.660	ng	# 33
67) 4-Bromophenyl-phenylether	10.57	248	34423	4.781	ng	# 1

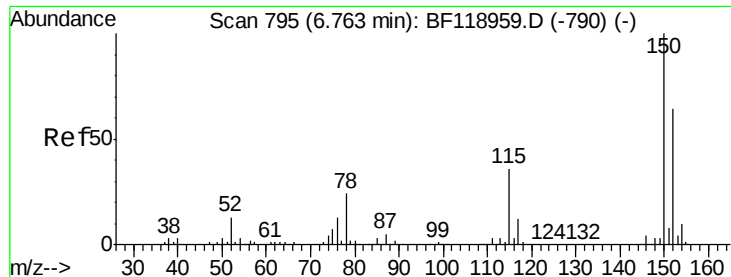
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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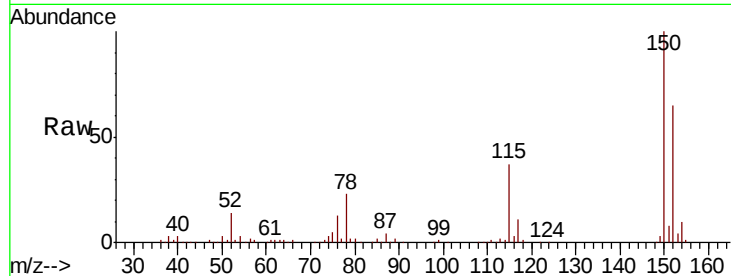


#1

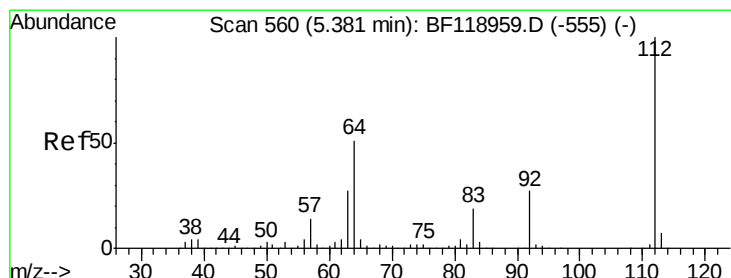
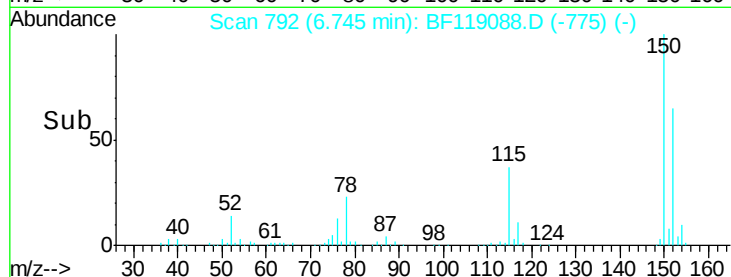
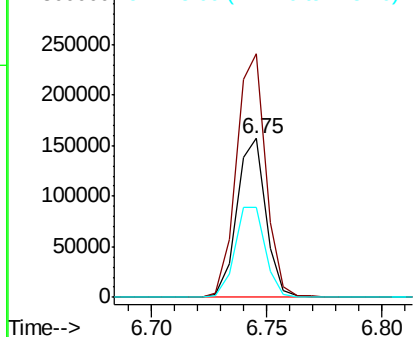
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137644
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 57.1 49.5 74.3



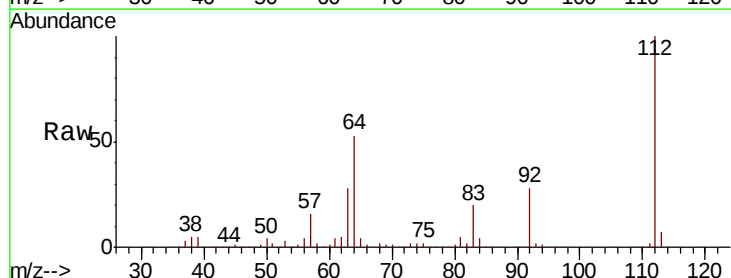
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



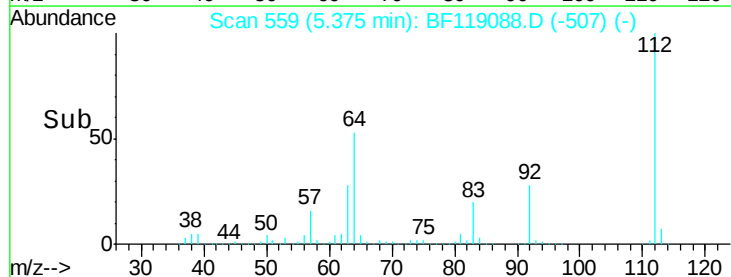
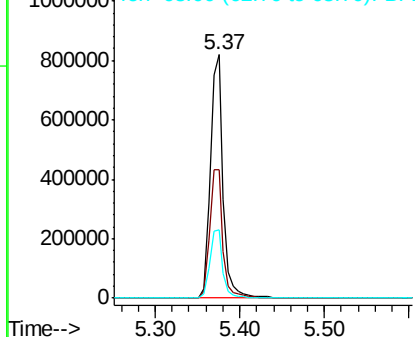
#5

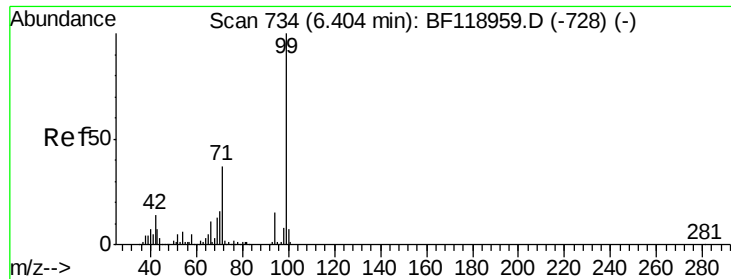
2-Fluorophenol
Concen: 106.297 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion:112 Resp: 875500
Ion Ratio Lower Upper
112 100
64 52.9 45.0 67.4
63 28.1 24.2 36.4



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: 48.144 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Instrument :

BNA_F

ClientSampled :

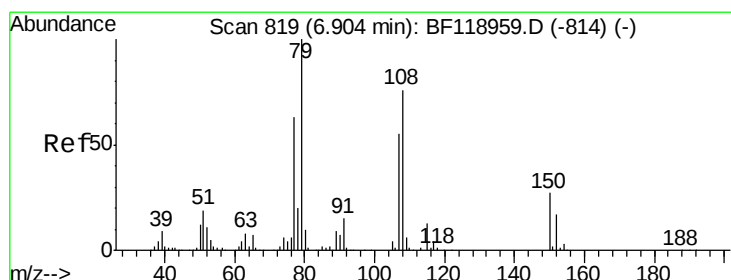
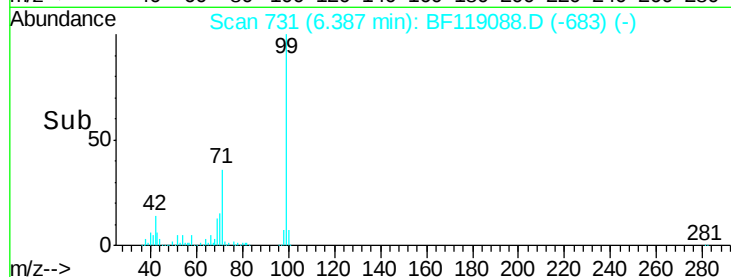
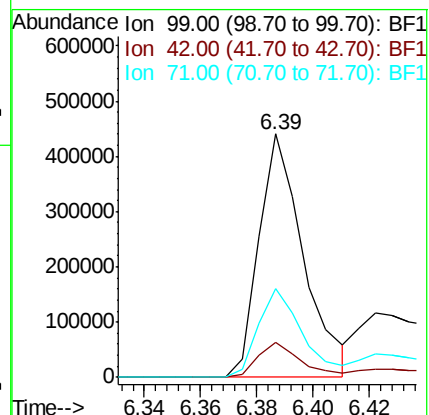
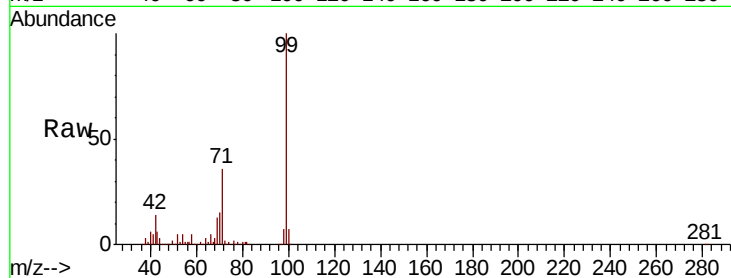
Tot Ion: 99 Resp: 482258

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

71 36.3 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.179 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

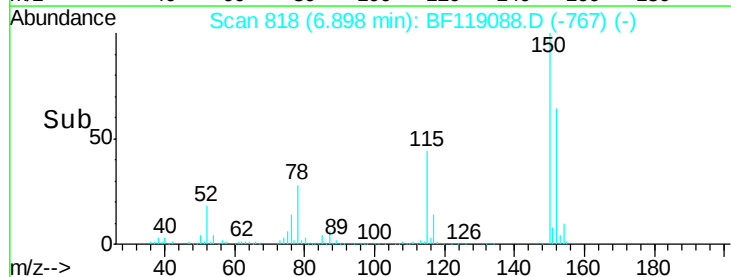
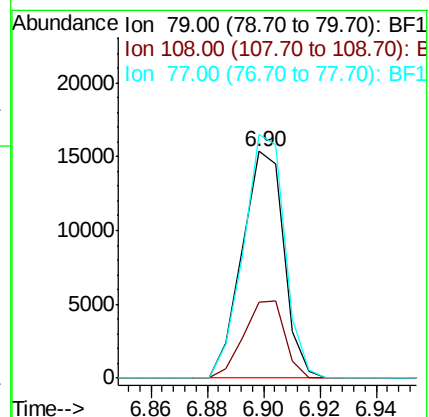
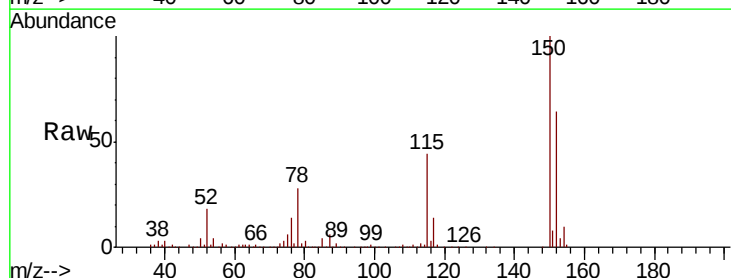
Tgt Ion: 79 Resp: 15775

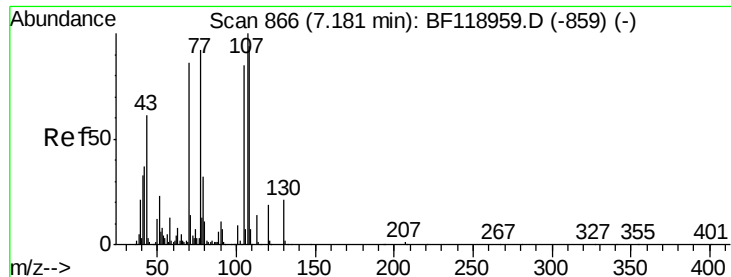
Ion Ratio Lower Upper

79 100

108 33.3 58.2 87.2#

77 107.5 51.2 76.8#

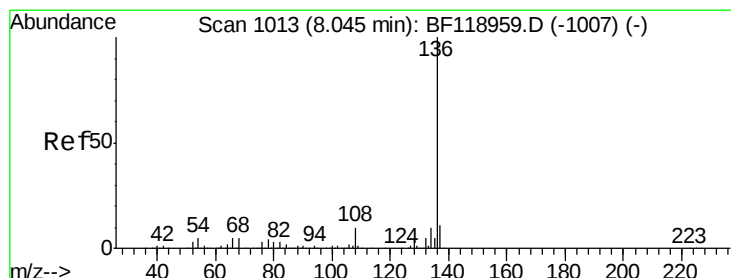
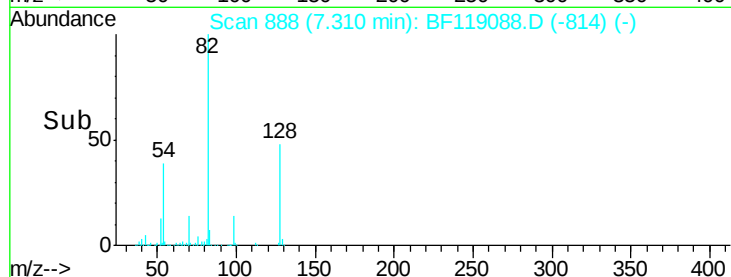
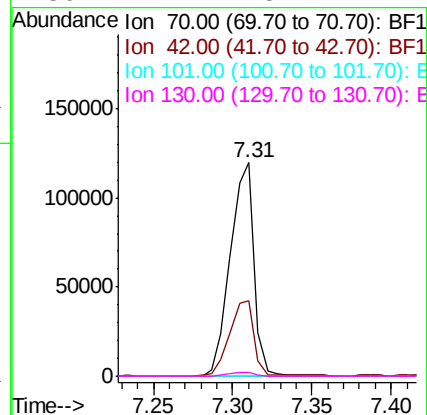
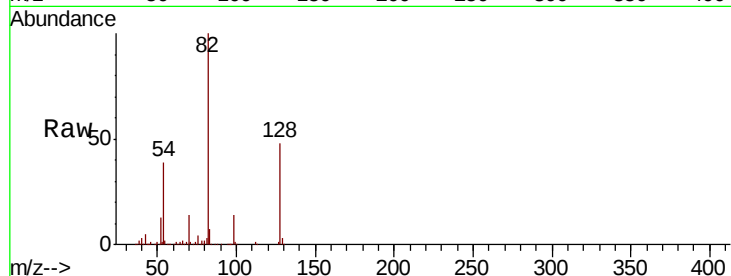




#19
n-Nitroso-di-n-propylamine
Concen: 21.404 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

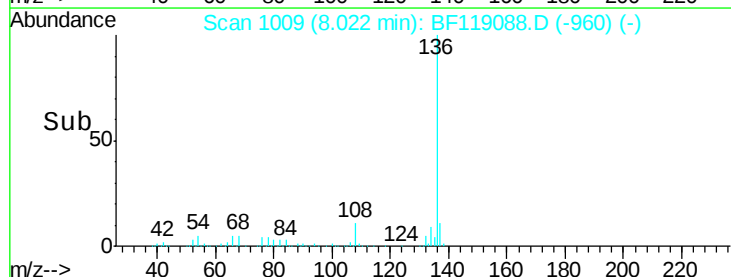
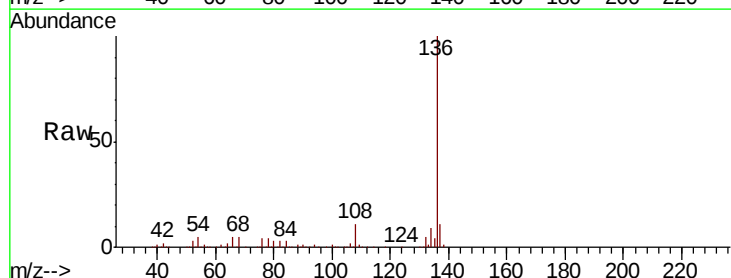
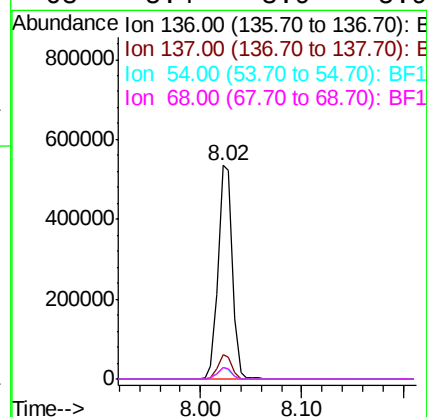
Instrument :
BNA_F
ClientSampleId :

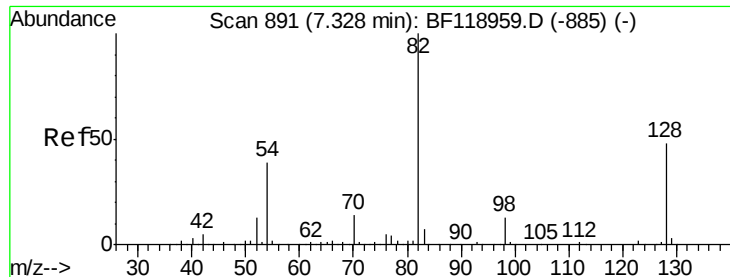
Tot Ion: 70 Resp: 124930
Ion Ratio Lower Upper
70 100
42 35.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion: 136 Resp: 527387
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.4 3.8 5.6
68 5.4 3.9 5.9

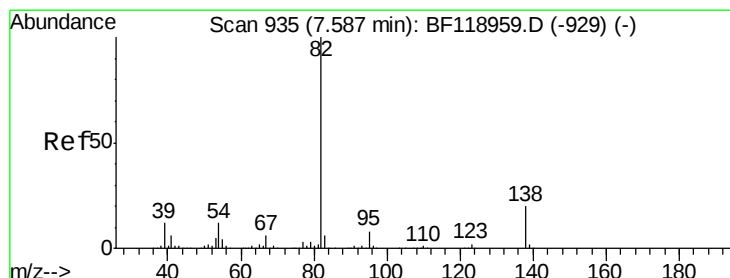
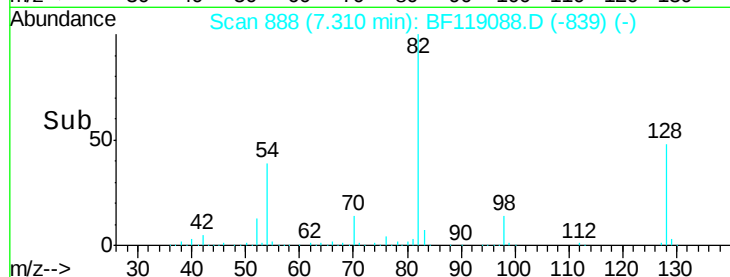
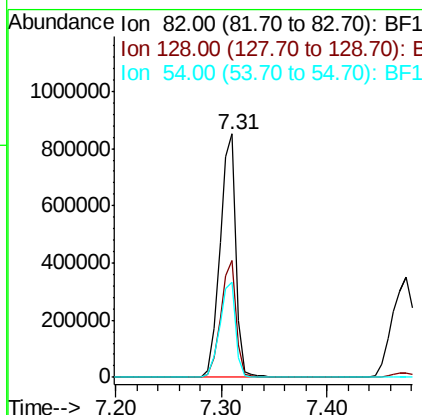
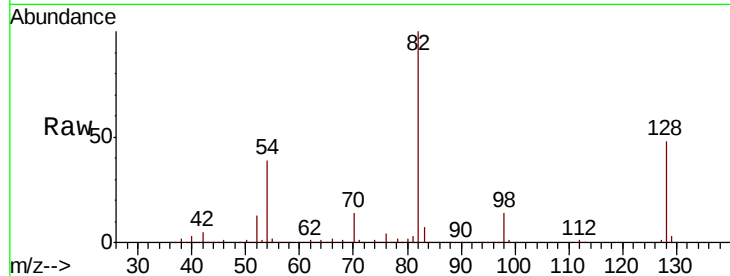




#23
 Nitrobenzene-d5
 Concen: 90.146 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

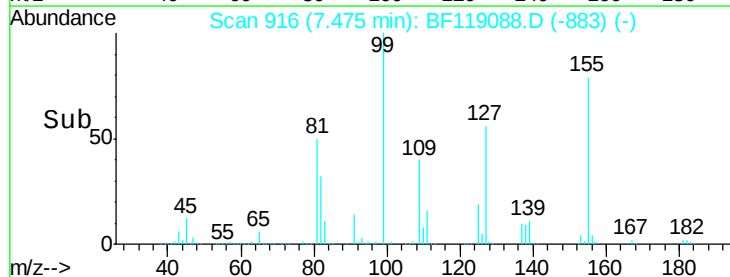
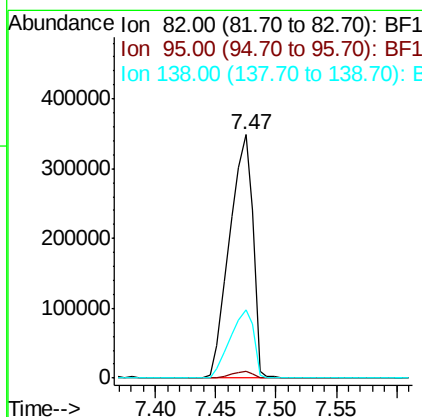
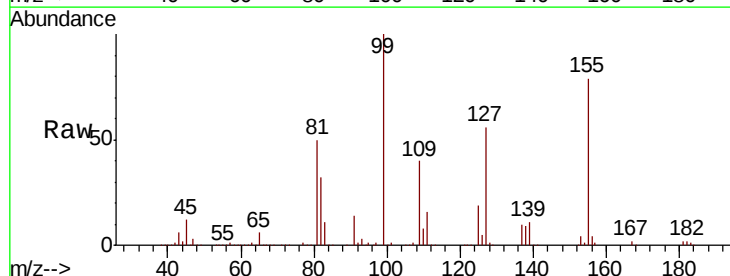
Instrument :
 BNA_F
 ClientSampleID :

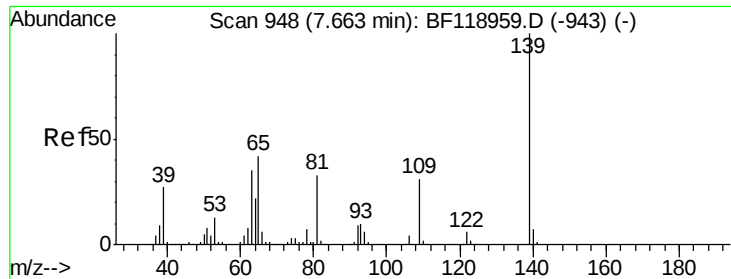
Tot Ion	82	Resp	900410
Ion Ratio	Lower	Upper	
82	100		
128	47.9	37.9	56.9
54	38.9	33.4	50.2



#25
 Isophorone
 Concen: 26.889 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.11 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

Tgt Ion	82	Resp	466433
Ion Ratio	Lower	Upper	
82	100		
95	2.7	6.4	9.6#
138	28.1	15.7	23.5#

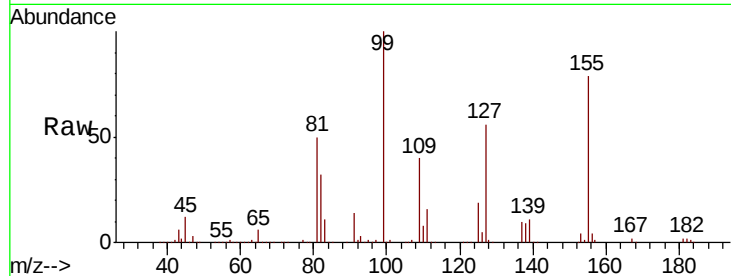




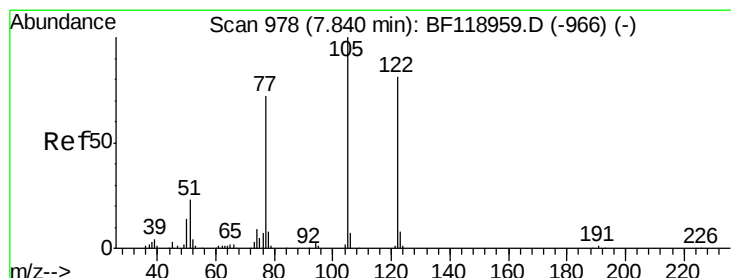
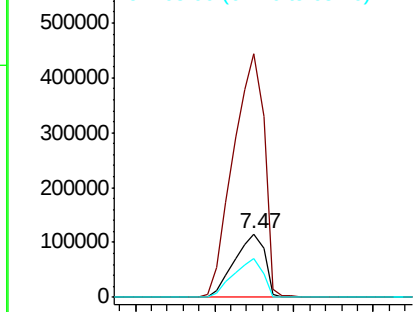
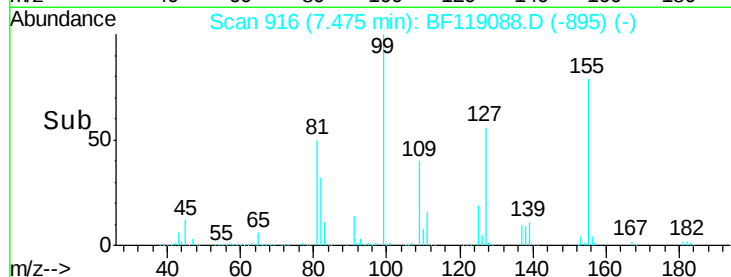
#26
2-Nitrophenol
Concen: 29.348 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.18 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 153596
Ion Ratio Lower Upper
139 100
109 384.4 25.7 38.5#
65 61.4 37.1 55.7#

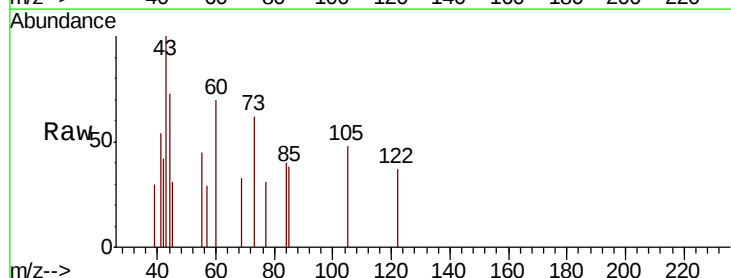


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

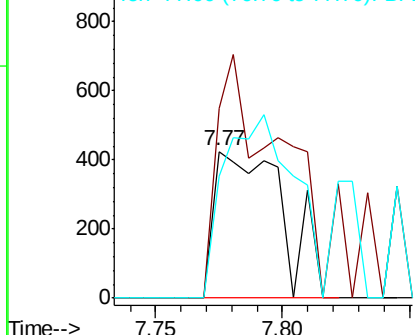
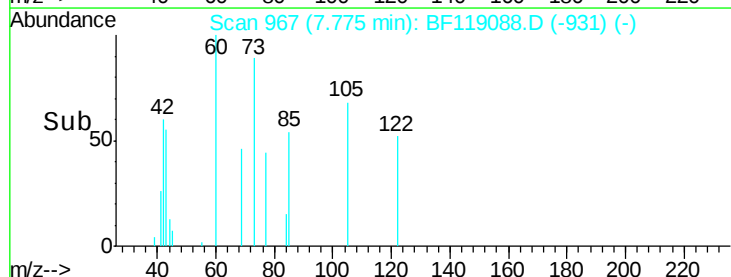


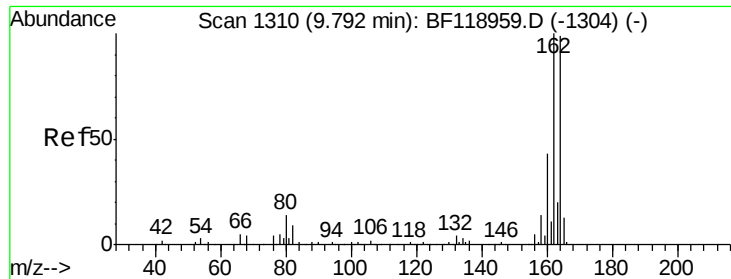
#32
Benzoic acid
Concen: 6.813 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.09 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion:122 Resp: 802
Ion Ratio Lower Upper
122 100
105 129.6 106.3 146.3
77 83.3 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

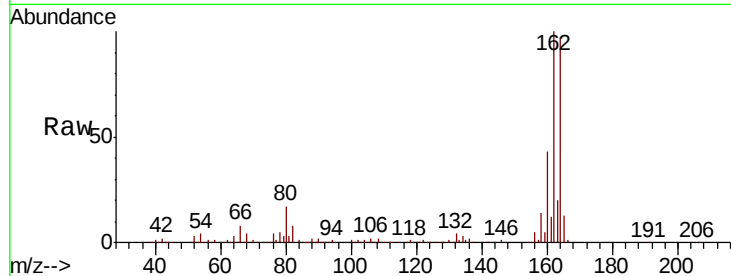




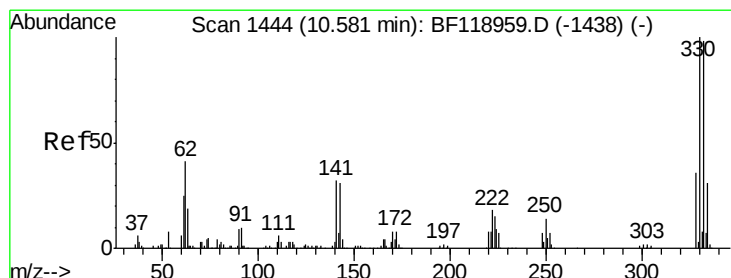
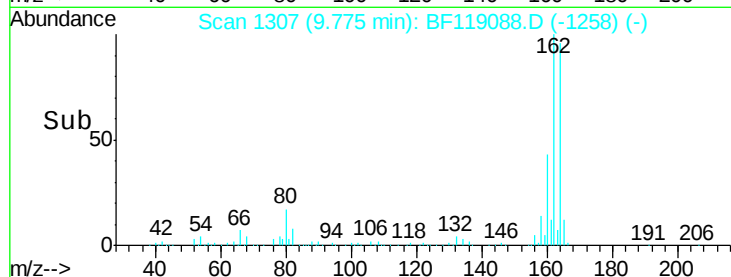
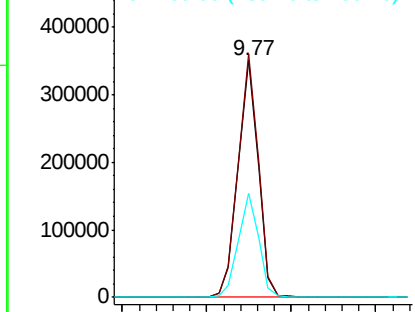
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	44.1	36.0	54.0

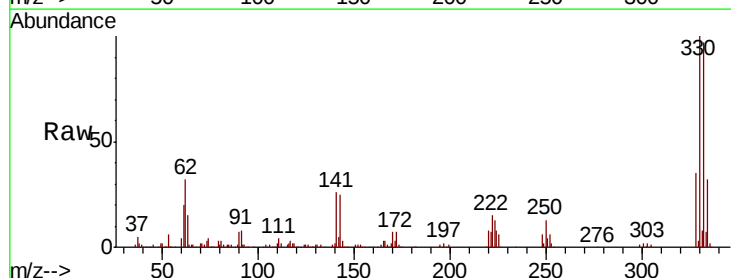


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

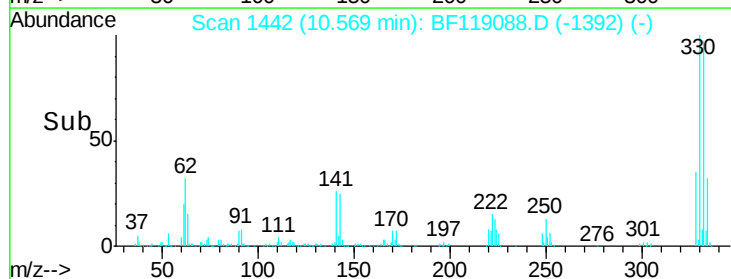
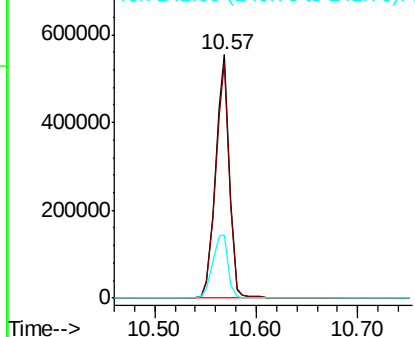


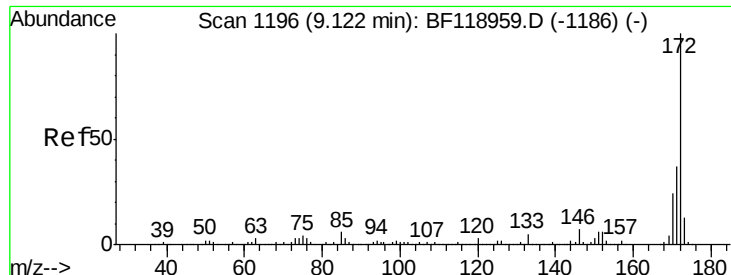
#42
 2,4,6-Tribromophenol
 Concen: 138.181 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.0	22.9	34.3



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

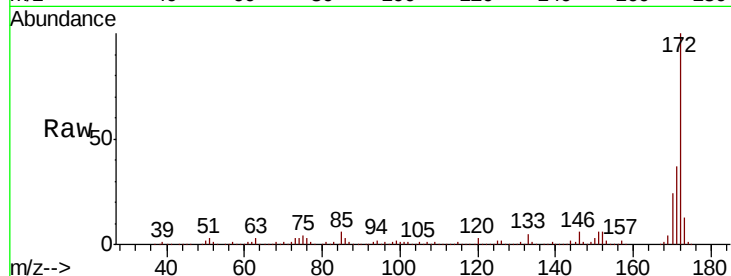




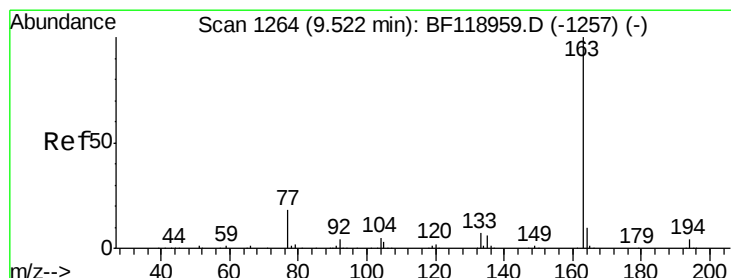
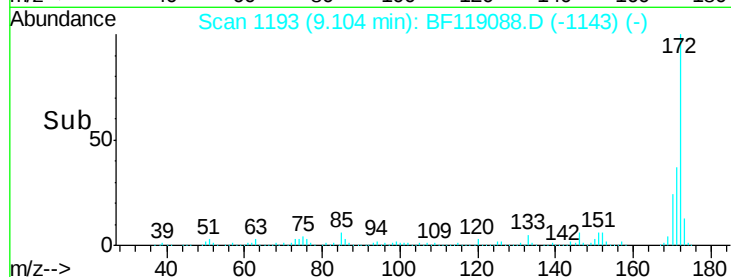
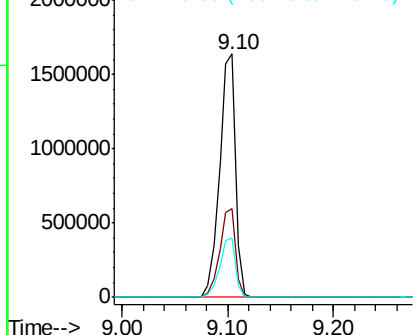
#45
2-Fluorobiphenyl
Concen: 88.347 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1745743
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 24.5 20.2 30.2

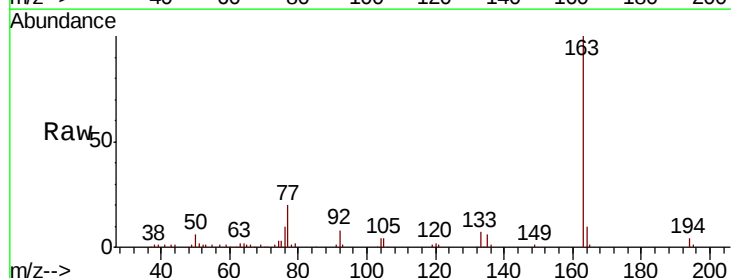


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

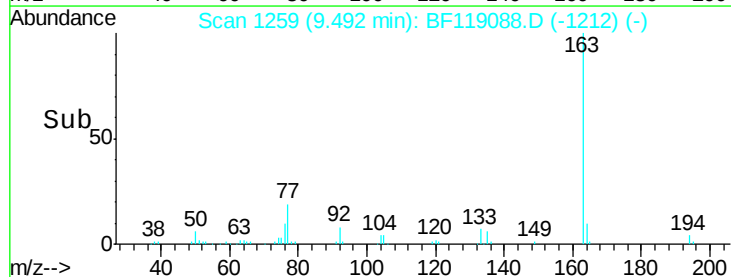
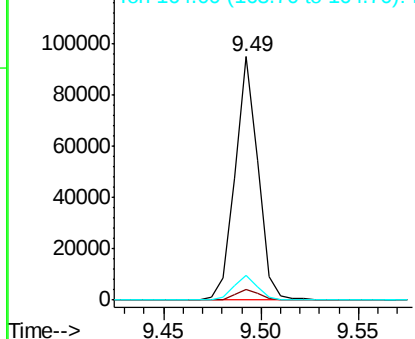


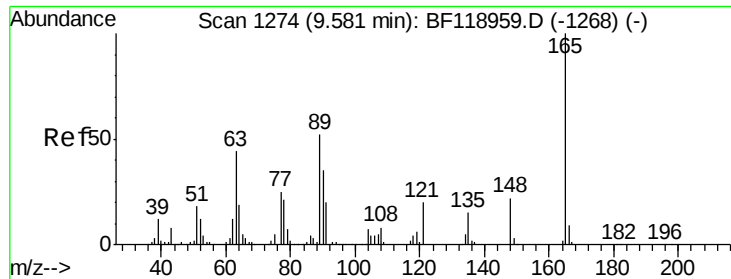
#50
Dimethylphthalate
Concen: 3.486 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion:163 Resp: 77604
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.9 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

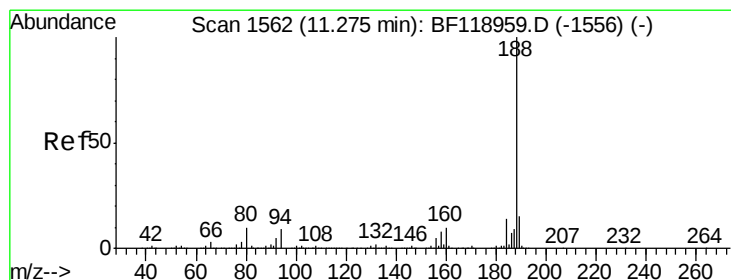
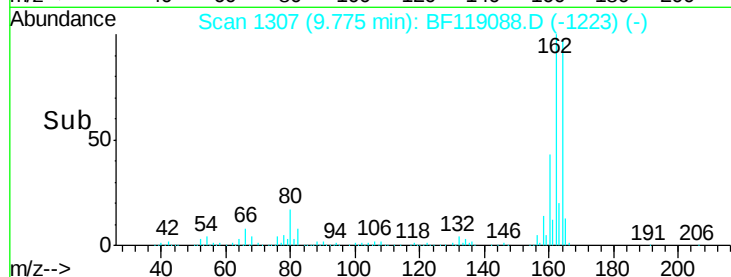
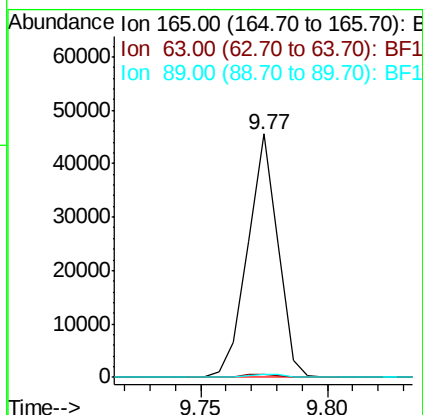
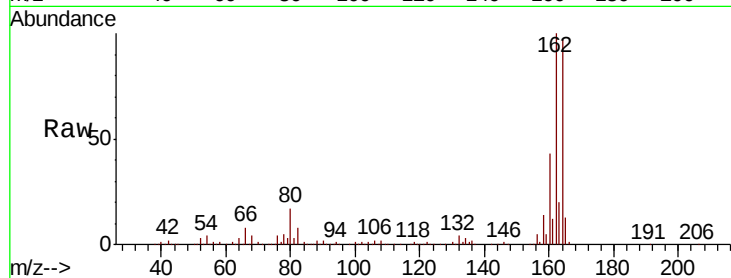




#51
 2,6-Dinitrotoluene
 Concen: 7.660 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.19 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

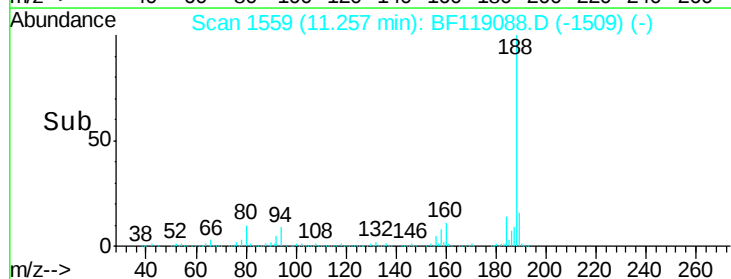
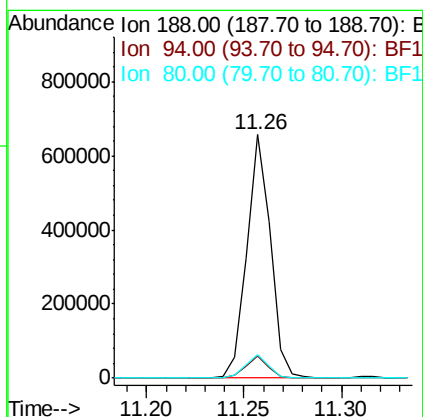
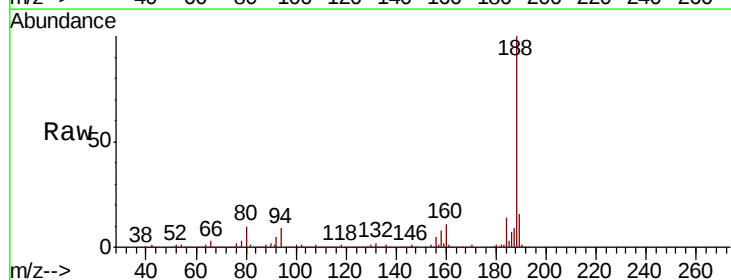
Instrument :
 BNA_F
 ClientSampleId :

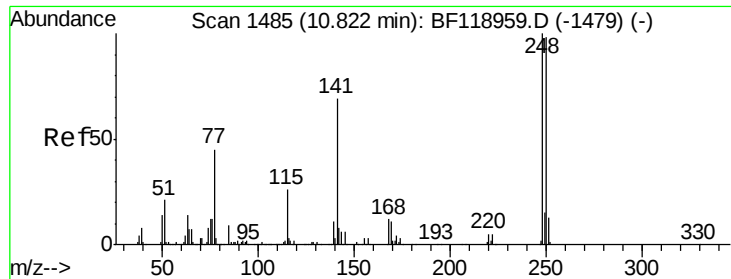
Tot Ion:165 Resp: 37883
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.3 51.5#
 89 1.4 38.3 57.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

Tgt Ion:188 Resp: 550781
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.1 10.7
 80 9.8 7.8 11.8

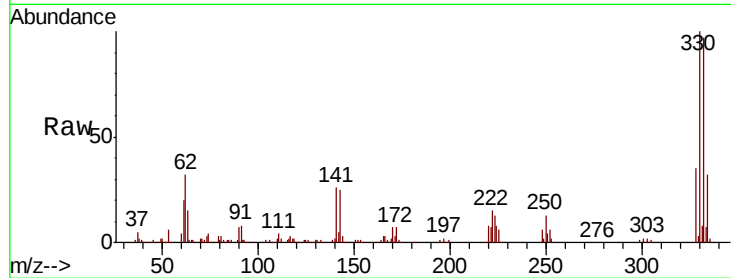




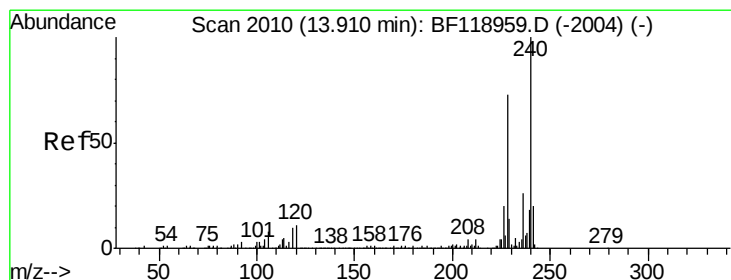
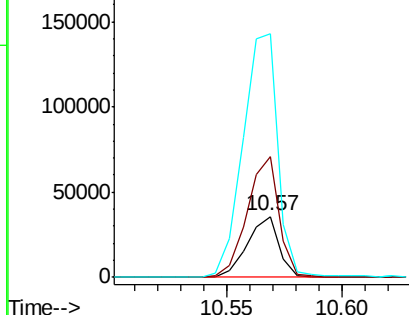
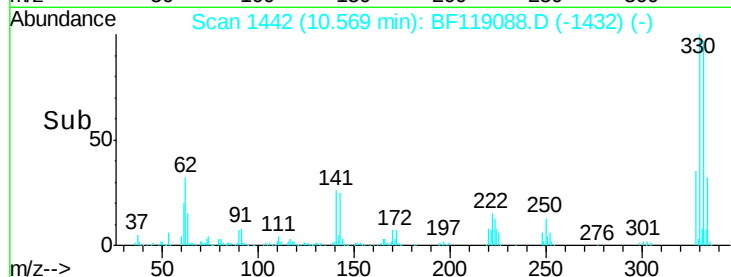
#67
4-Bromophenyl-phenylether
Concen: 4.781 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 34423
Ion Ratio Lower Upper
248 100
250 198.0 76.7 115.1#
141 401.1 60.7 91.1#

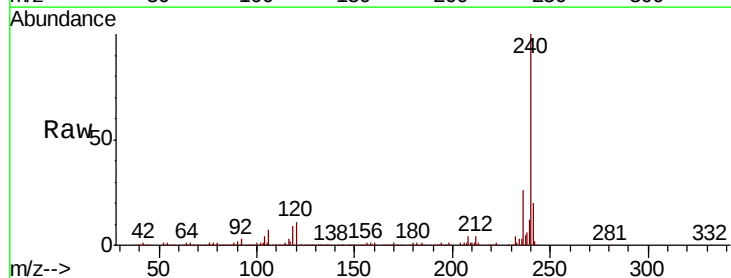


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

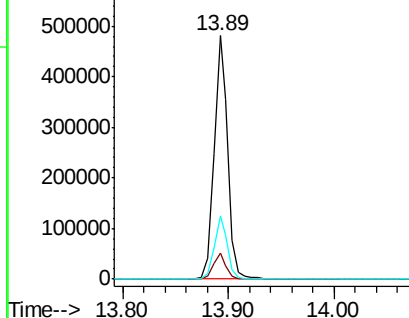
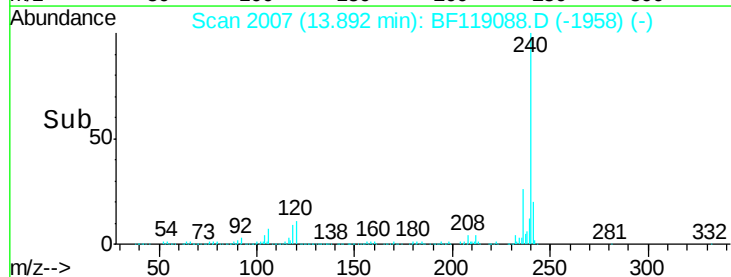


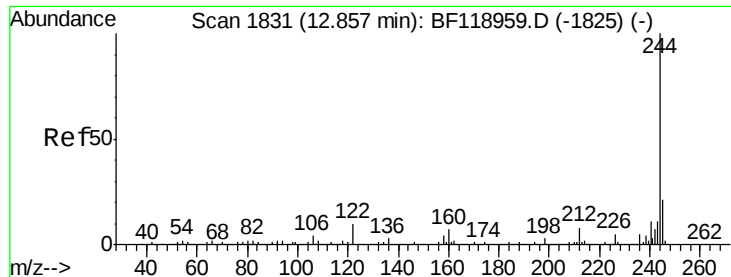
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion:240 Resp: 437582
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.7 21.0 31.4



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: 84.750 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

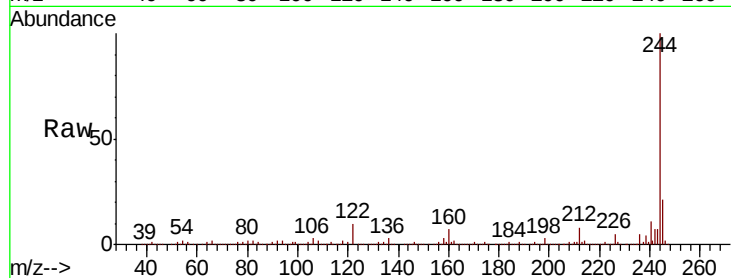
Tot Ion:244 Resp: 2154018

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

122 9.9 8.2 12.2

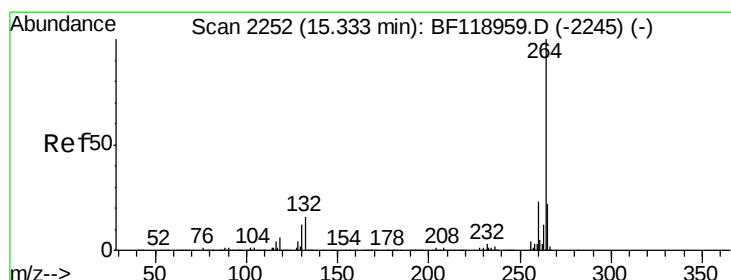
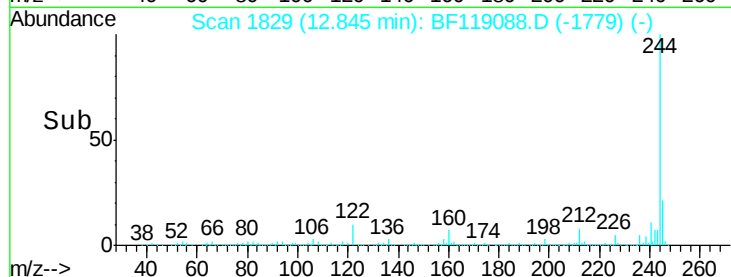


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

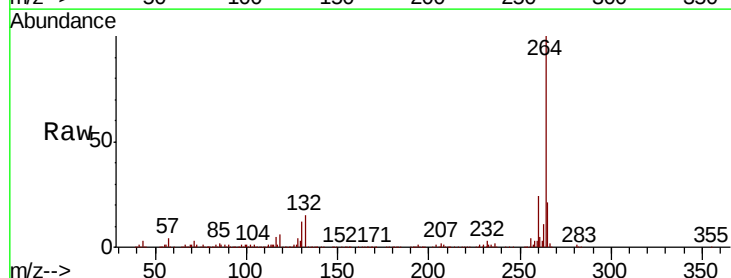
Tgt Ion:264 Resp: 339323

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.3 17.7 26.5



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

Time-->

