

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119296.D
 Acq On : 9 Mar 2020 21:28
 Operator : CG/JU
 Sample : L1844-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 23:14:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

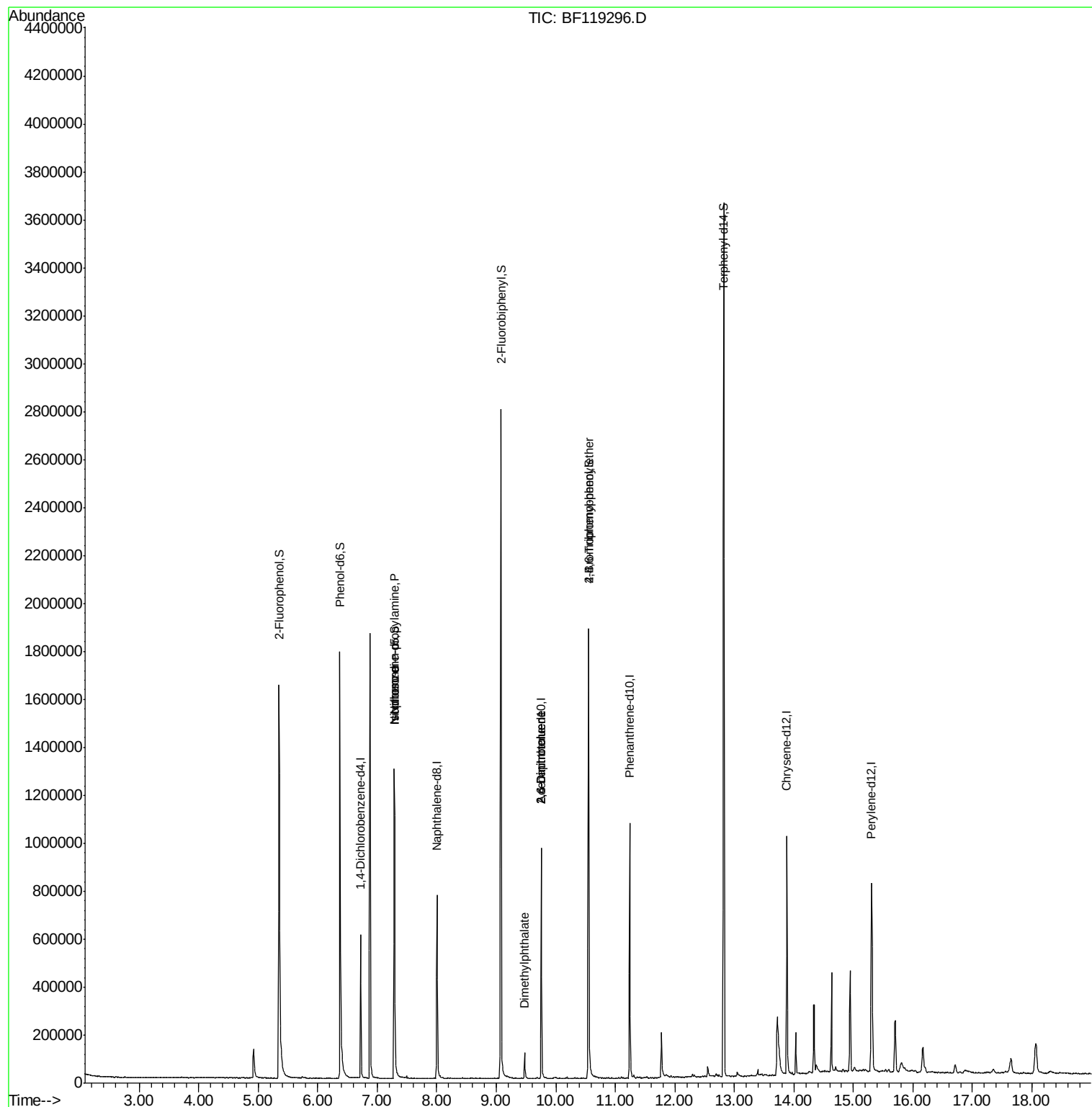
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	92497	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	362007	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	206953	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	407561	20.00	ng	0.00
76) Chrysene-d12	13.88	240	340643	20.00	ng	0.00
87) Perylene-d12	15.31	264	316988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	607950	109.84	ng	0.00
7) Phenol-d6	6.37	99	737807	109.61	ng	0.00
23) Nitrobenzene-d5	7.29	82	482856	70.43	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	277904	102.65	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	934638	66.53	ng	0.00
79) Terphenyl-d14	12.82	244	1255009	63.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	66672	16.998	ng	# 76
25) Isophorone	7.29	82	482856	40.552	ng	# 63
50) Dimethylphthalate	9.48	163	55352	3.498	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	26313	7.484	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	26313	5.774	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	18136	3.404	ng	# 1

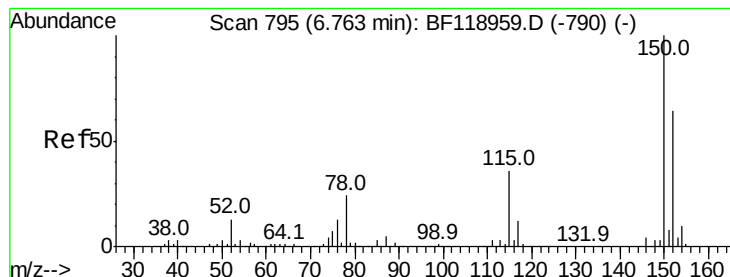
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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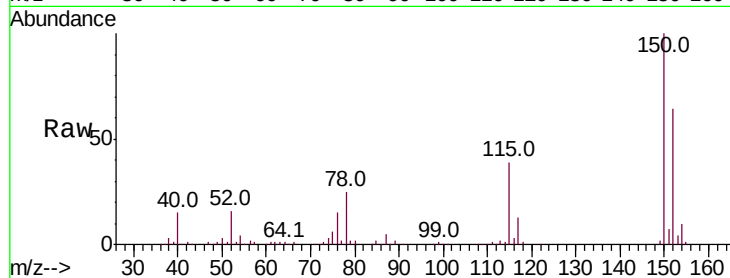


#1

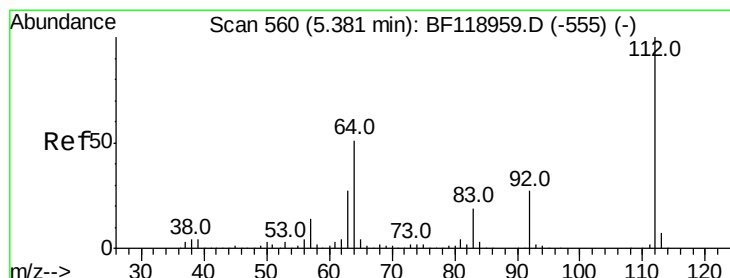
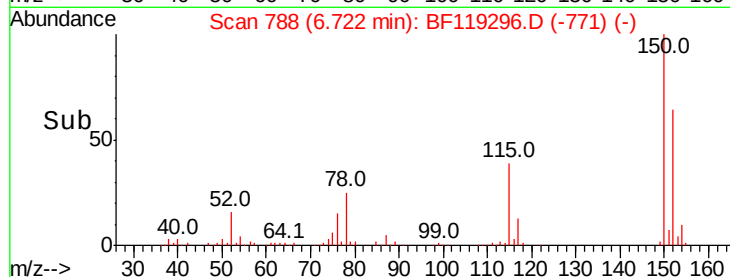
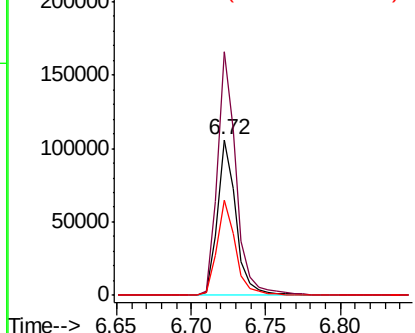
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92497
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.6
115 60.9 49.5 74.3



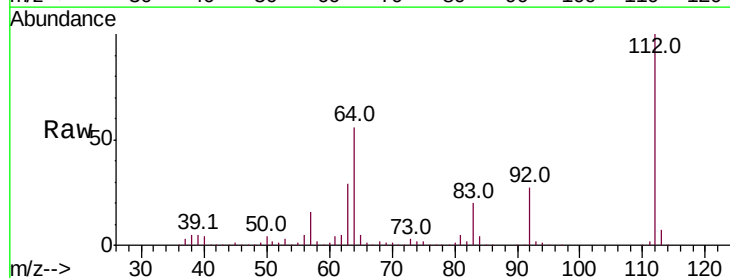
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



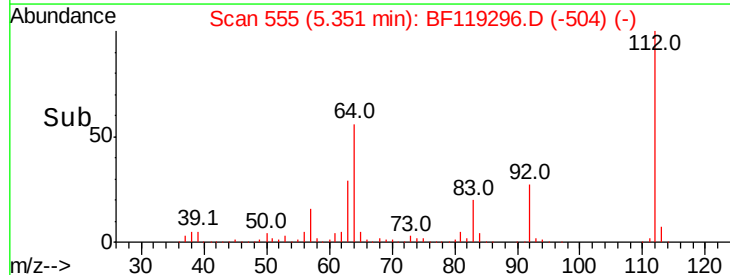
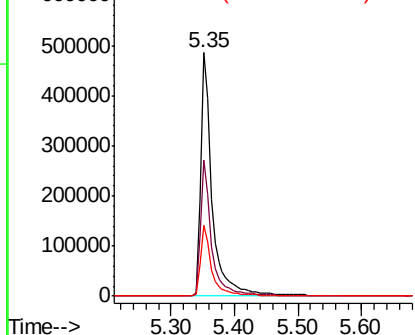
#5

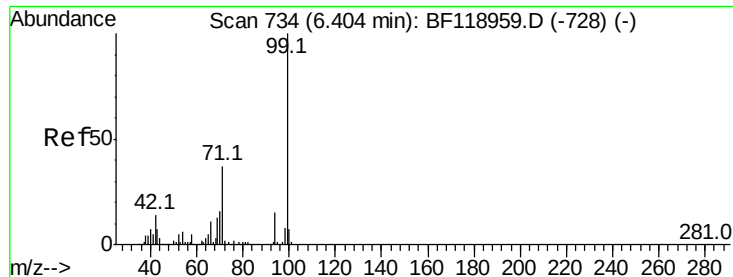
2-Fluorophenol
Concen: 109.841 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Tgt Ion:112 Resp: 607950
Ion Ratio Lower Upper
112 100
64 55.8 45.0 67.4
63 29.0 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: 109.607 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

Instrument :

BNA_F

ClientSampleId :

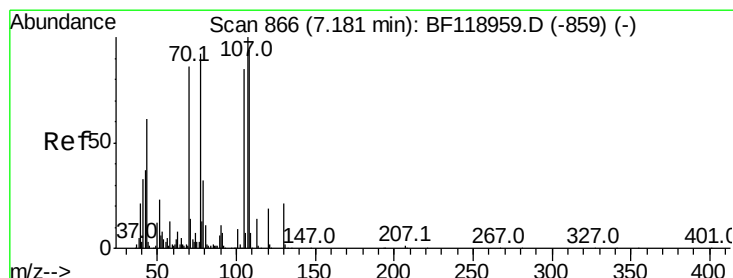
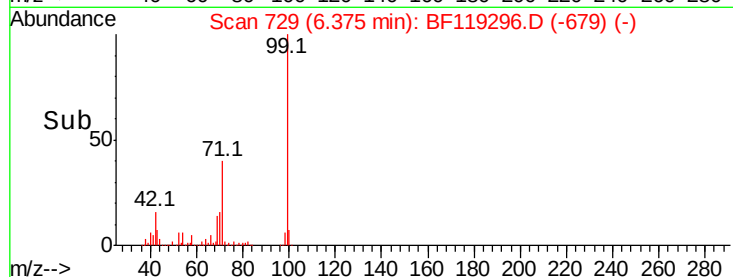
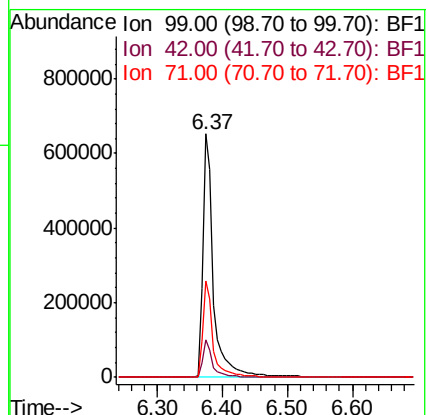
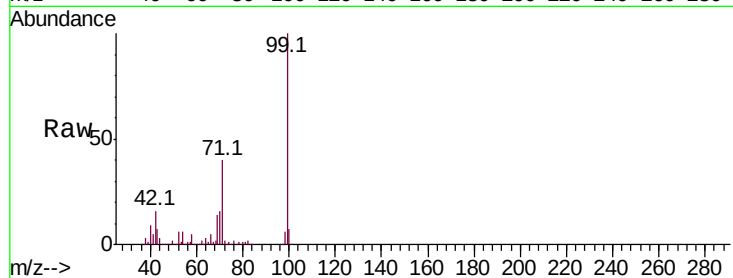
Tot Ion: 99 Resp: 737807

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.5 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.998 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

Tgt Ion: 70 Resp: 66672

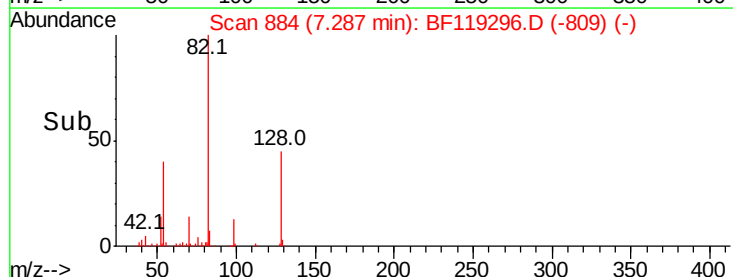
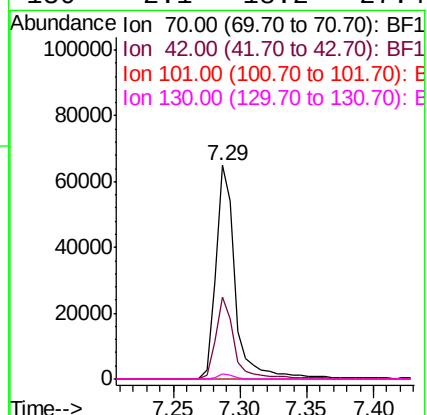
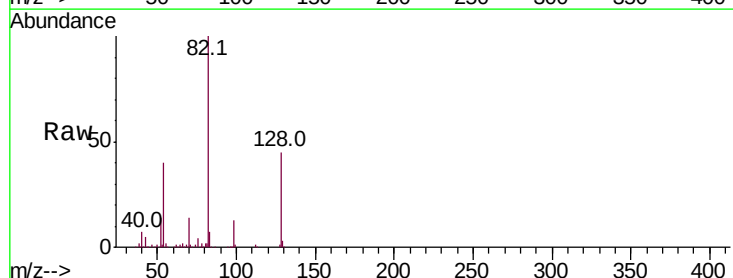
Ion Ratio Lower Upper

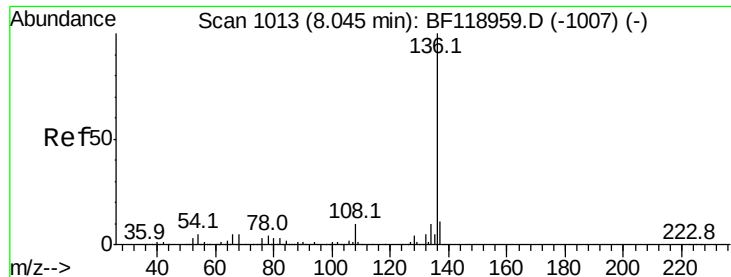
70 100

42 38.3 38.0 57.0

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

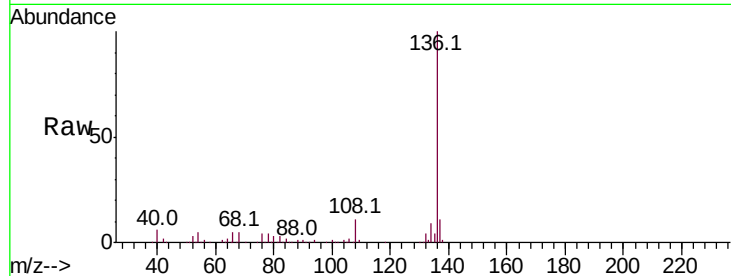




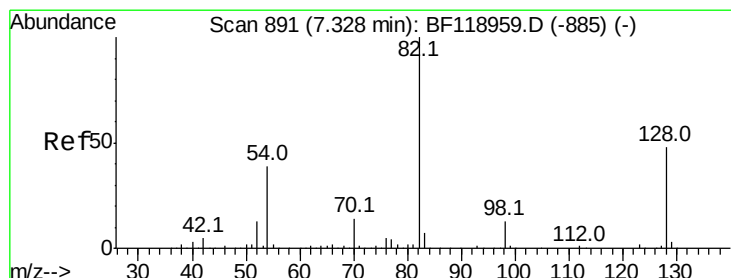
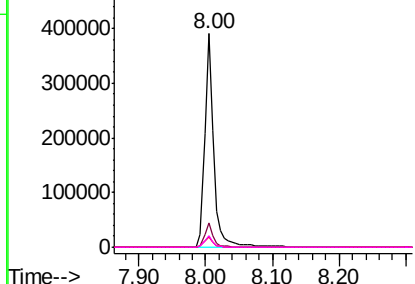
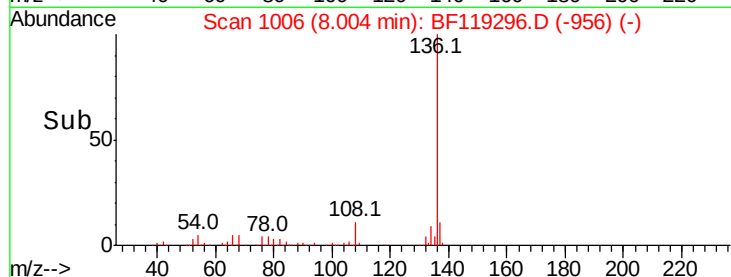
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 362007
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 5.0	3.8 5.6
68 5.2	3.9 5.9

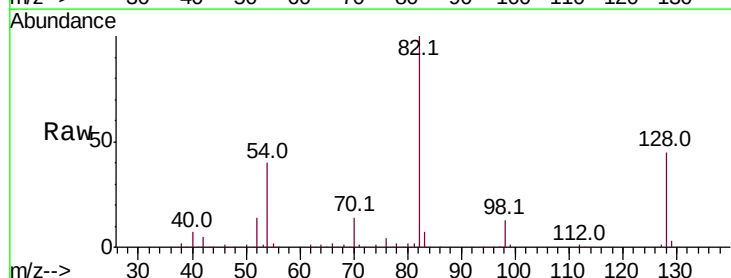


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
300000
200000
100000
0

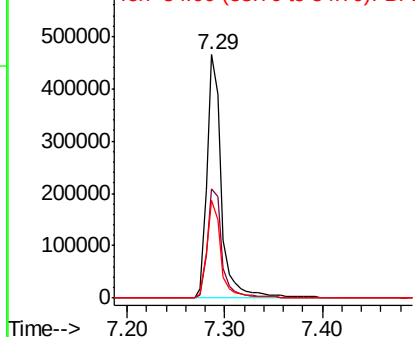
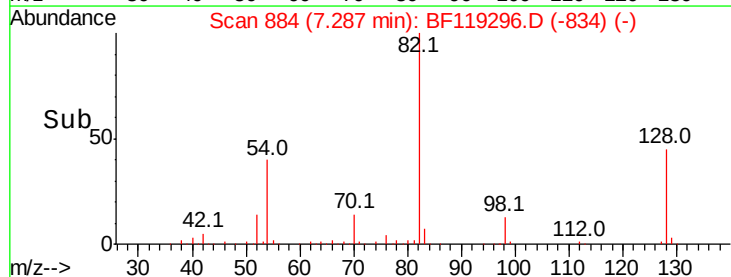


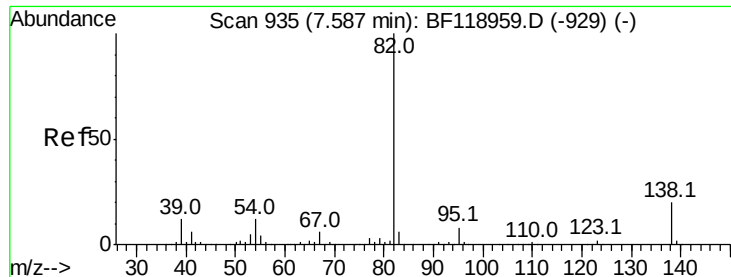
#23
Nitrobenzene-d5
Concen: 70.426 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Tgt	Ion: 82	Resp:	482856
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.9	56.9
54	40.0	33.4	50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
300000
200000
100000
0





#25

Isophorone

Concen: 40.552 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

Instrument :

BNA_F

ClientSampleId :

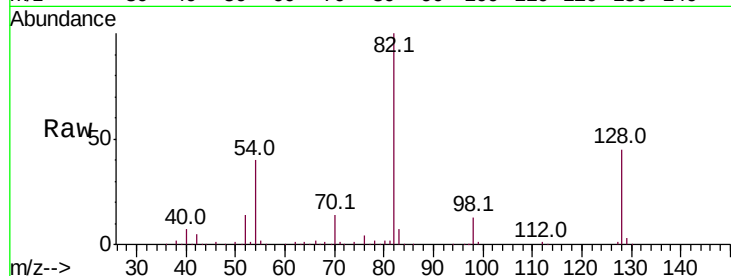
Tot Ion: 82 Resp: 482856

Ion Ratio Lower Upper

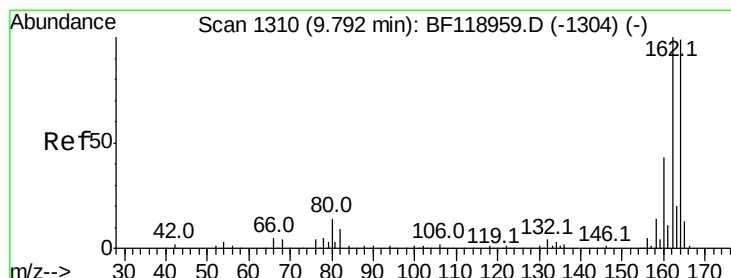
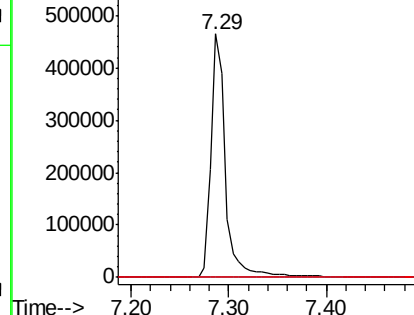
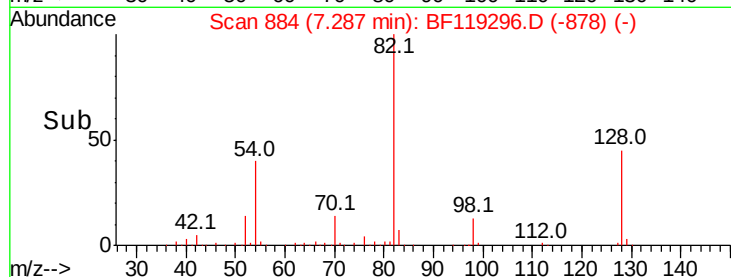
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

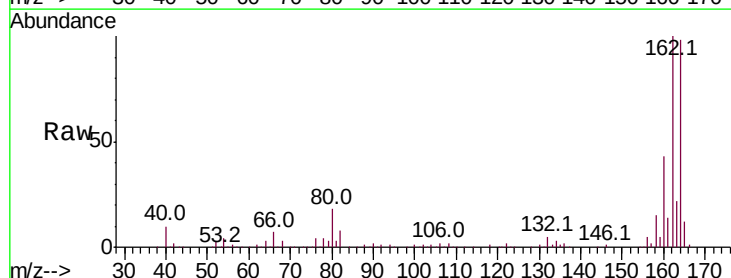
Tgt Ion: 164 Resp: 206953

Ion Ratio Lower Upper

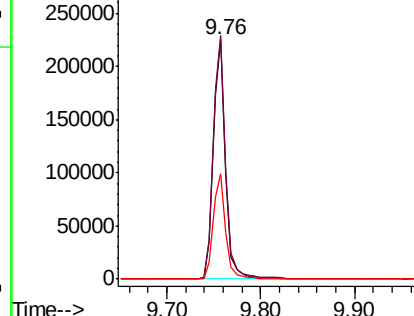
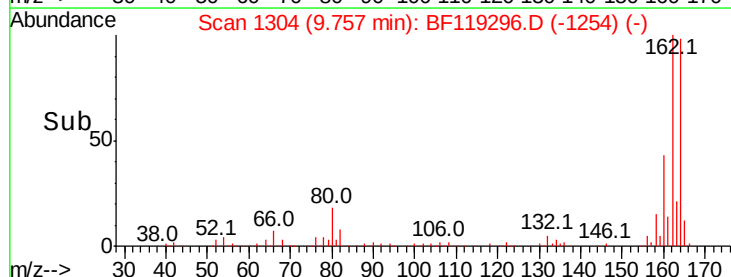
164 100

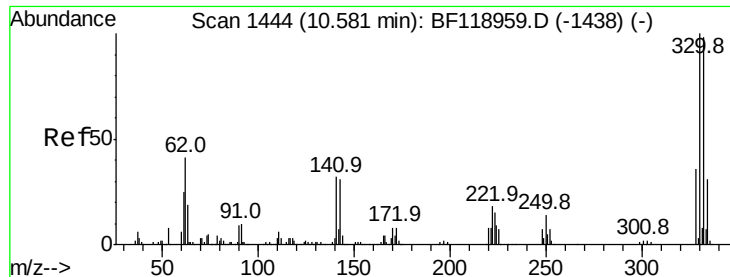
162 101.7 81.8 122.8

160 44.0 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

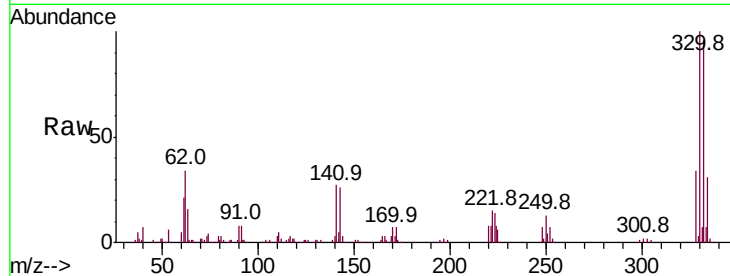




#42
 2,4,6-Tribromophenol
 Concen: 102.650 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119296.D
 Acq: 9 Mar 2020 21:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	30.8	22.9	34.3

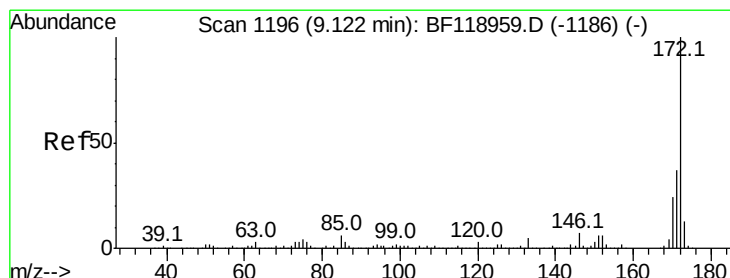
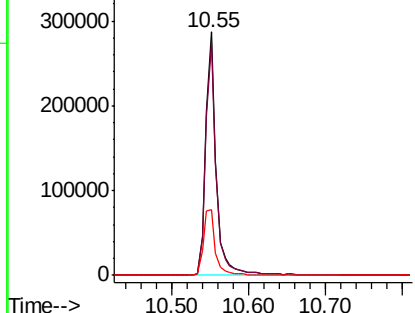
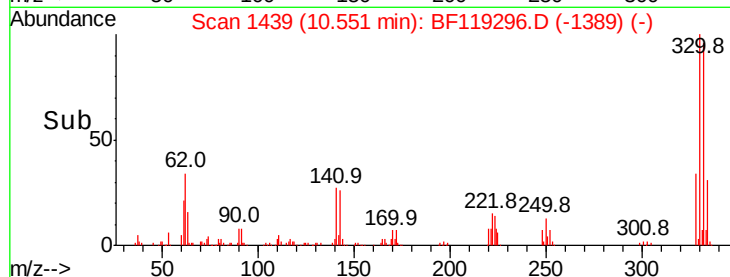


Abundance

Ion 329.80 (329.50 to 330.50): E

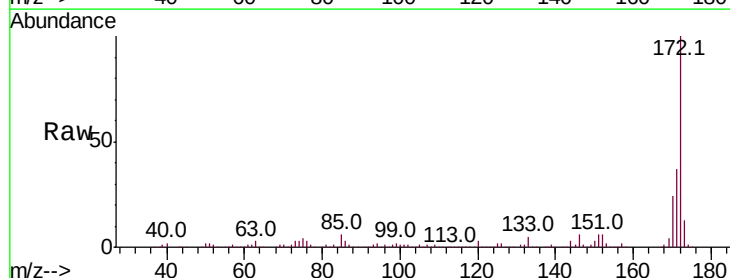
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.531 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119296.D
 Acq: 9 Mar 2020 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	23.8	20.2	30.2

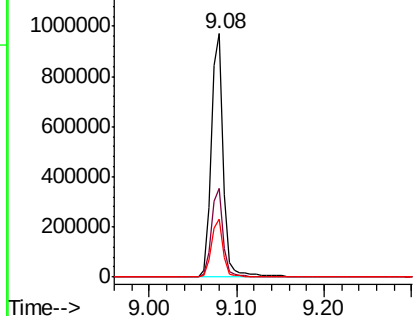
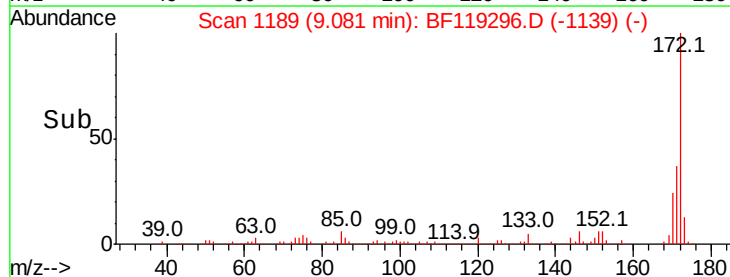


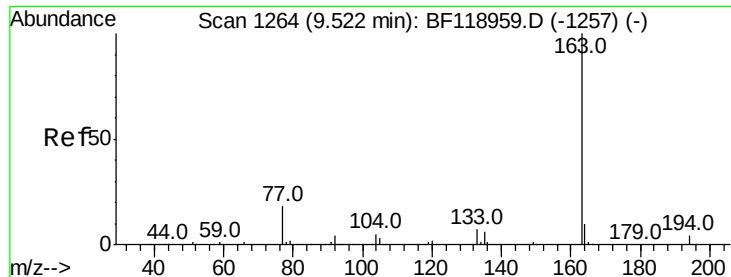
Abundance

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

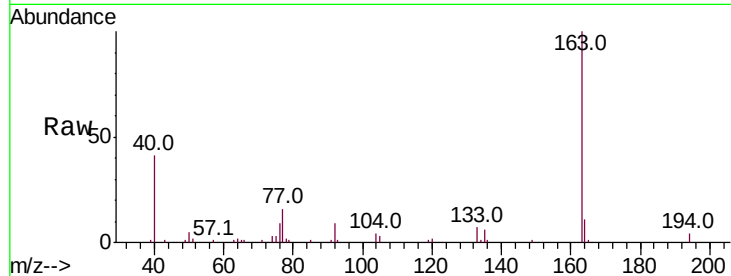




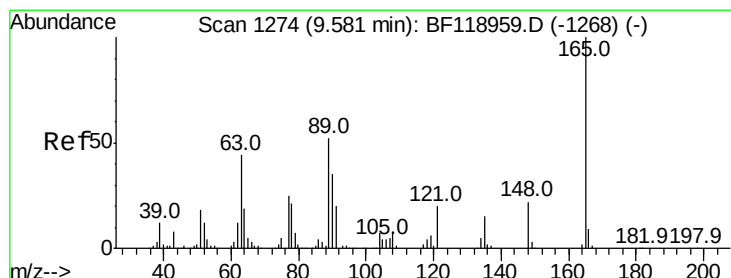
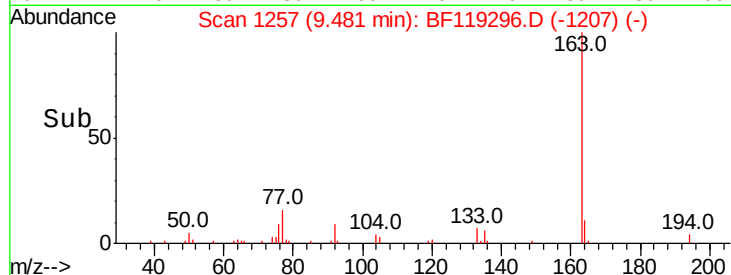
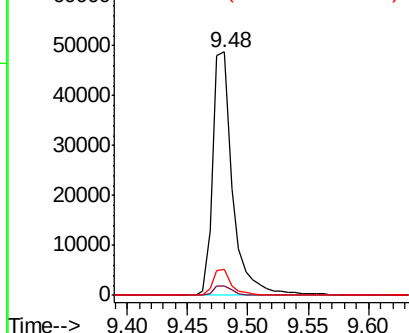
#50
Dimethylphthalate
Concen: 3.498 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 55352
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.7 8.4 12.6

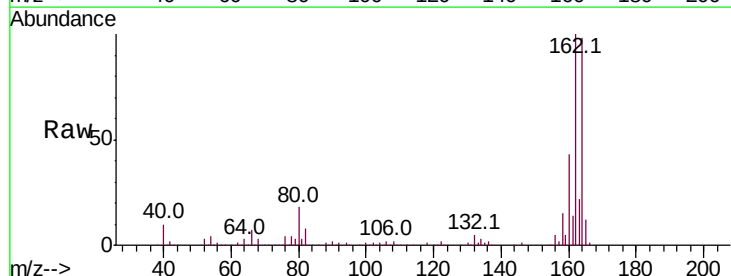


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

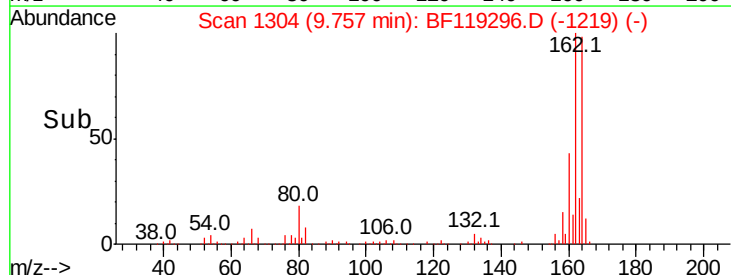
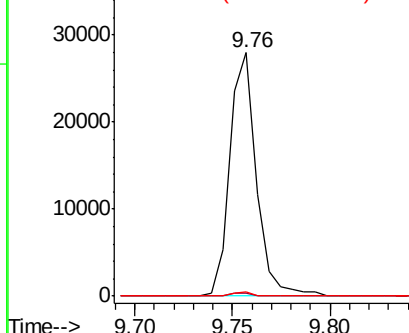


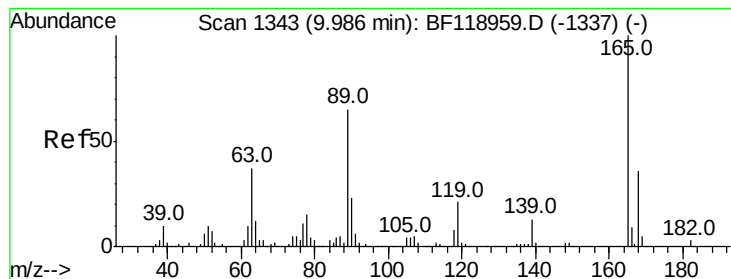
#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Tgt Ion:165 Resp: 26313
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.8 38.3 57.5#



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





#57

2,4-Dinitrotoluene

Concen: 5.774 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26313

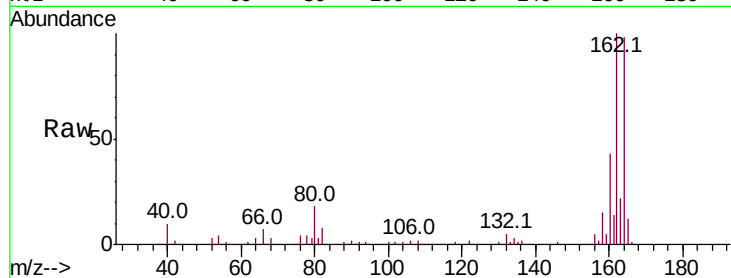
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.8 60.2 90.4#

182 0.0 2.3 3.5#

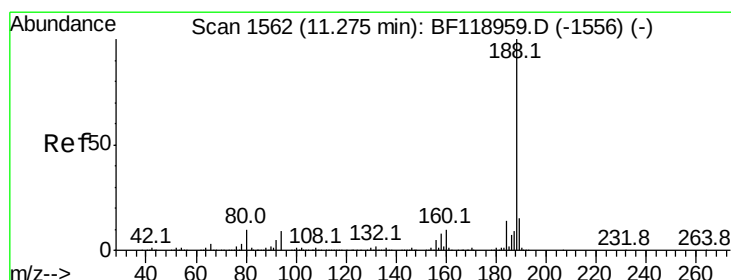
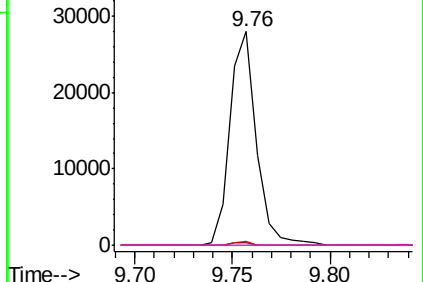
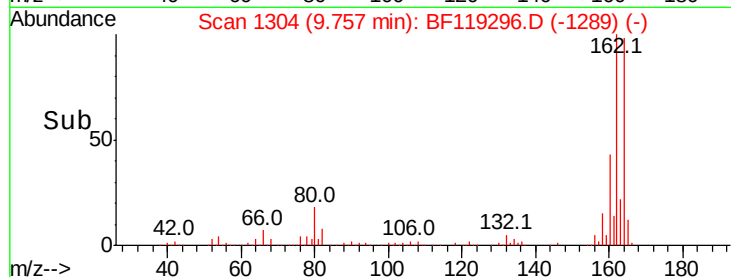


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119296.D

Acq: 9 Mar 2020 21:28

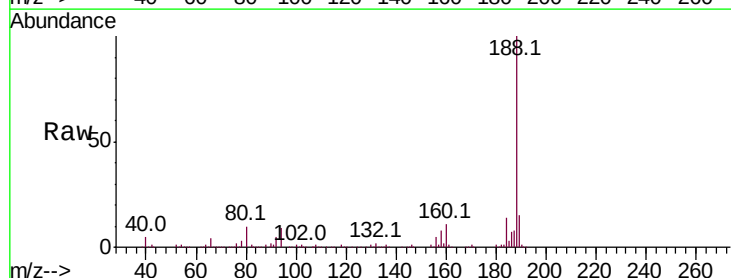
Tgt Ion:188 Resp: 407561

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

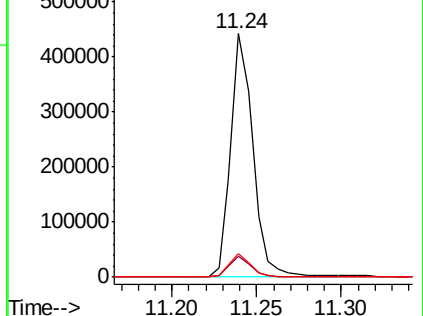
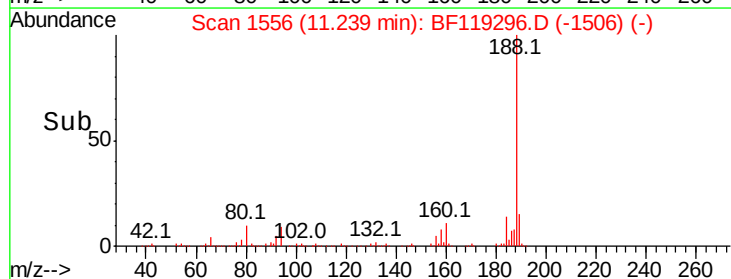
80 9.8 7.8 11.8

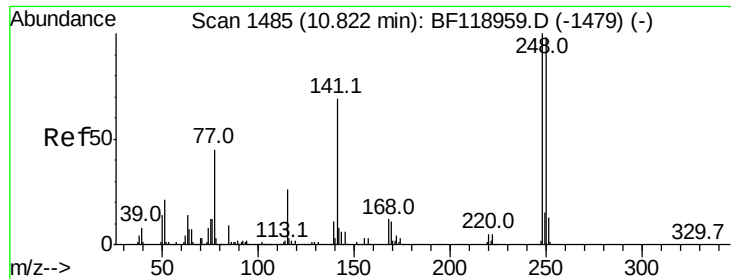


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

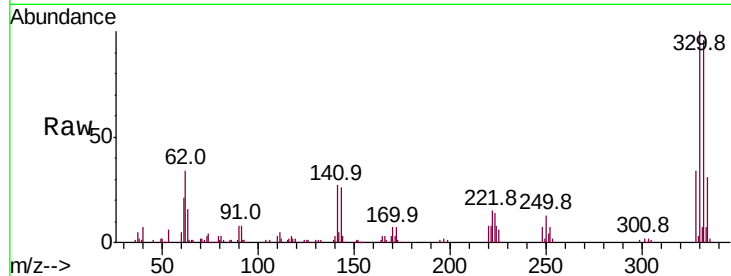




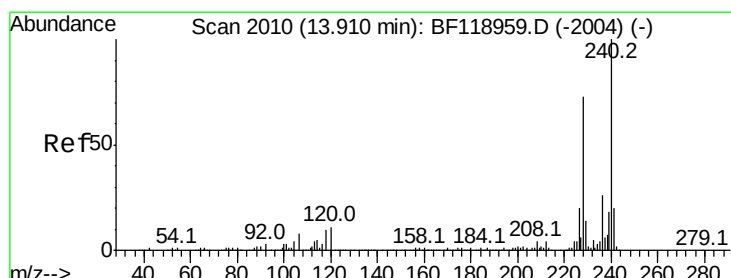
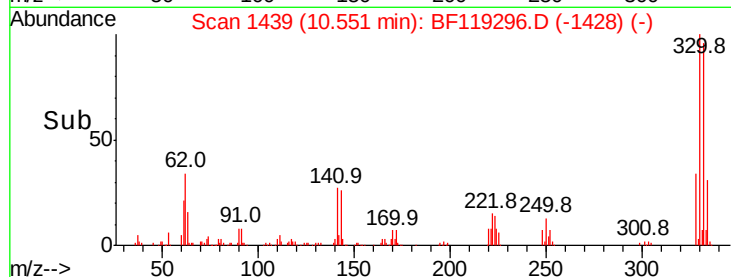
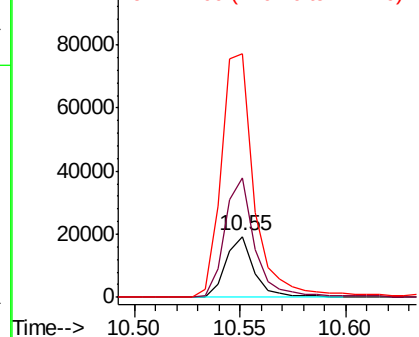
#67
4-Bromophenyl-phenylether
Concen: 3.404 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18136
Ion Ratio Lower Upper
248 100
250 195.3 76.7 115.1#
141 400.1 60.7 91.1#

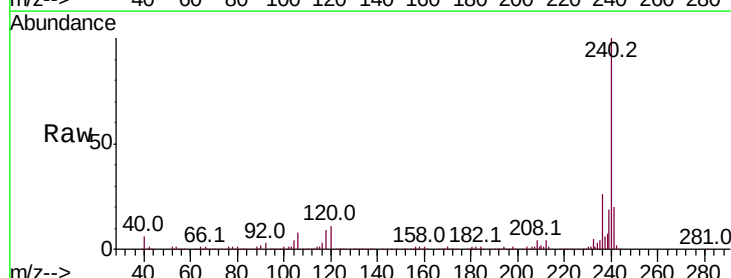


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

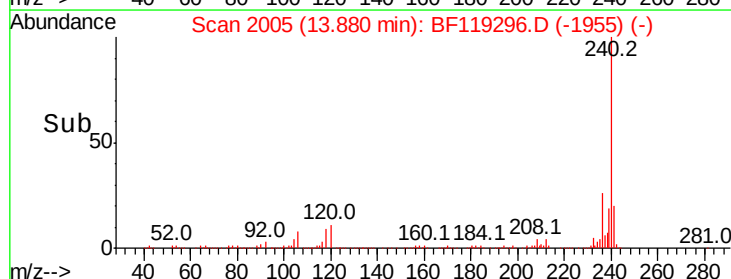
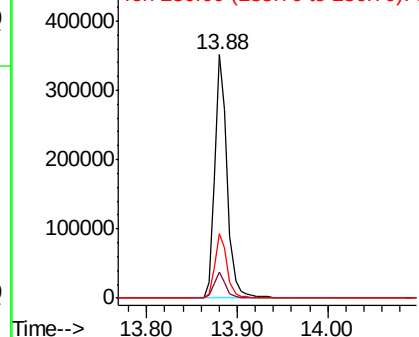


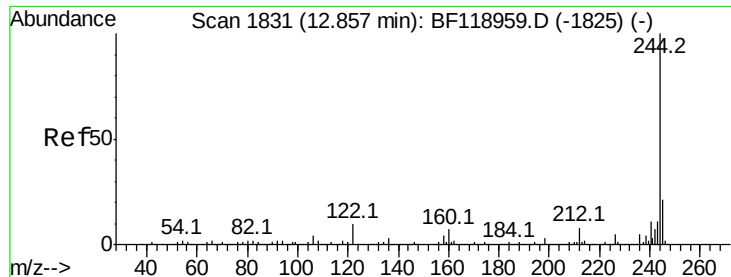
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119296.D
Acq: 9 Mar 2020 21:28

Tgt Ion:240 Resp: 340643
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.3 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



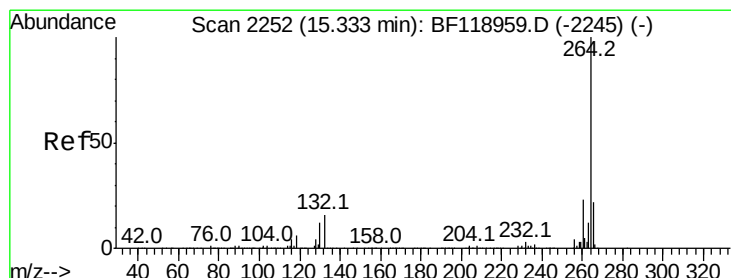
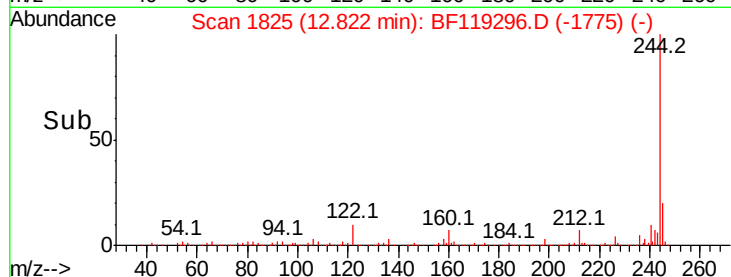
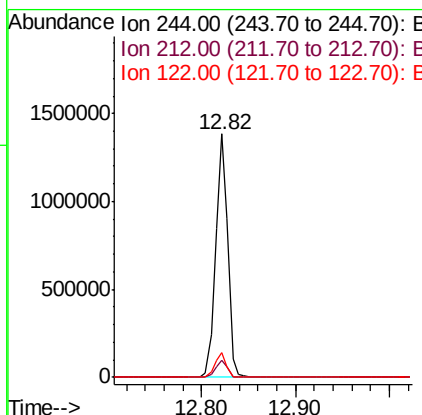
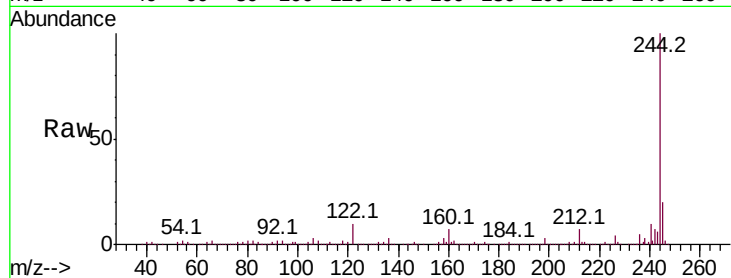


#79
 Terphenyl-d14
 Concen: 63.431 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119296.D
 Acq: 9 Mar 2020 21:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1255009

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.2	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF119296.D
 Acq: 9 Mar 2020 21:28

Tgt Ion:264 Resp: 316988

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.8	17.7	26.5

