

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119139.D
 Acq On : 28 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1673-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:40:07 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

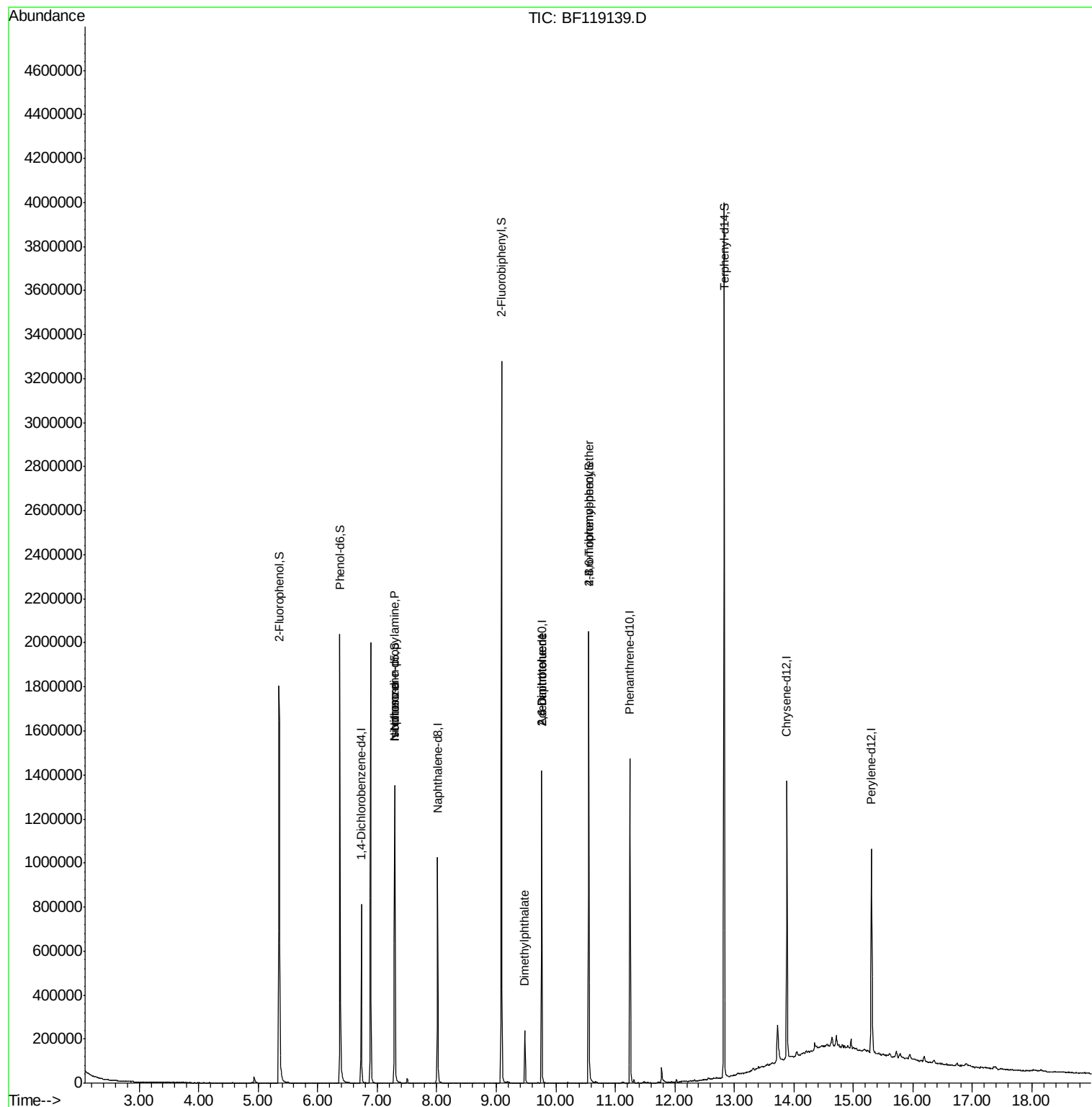
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128166	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	494564	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	283250	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	550077	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	442212	20.00	ng	-0.02
87) Perylene-d12	15.30	264	435578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	594547	77.52	ng	-0.02
7) Phenol-d6	6.37	99	741190	79.47	ng	-0.03
23) Nitrobenzene-d5	7.29	82	474965	50.71	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	281464	75.96	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1017352	52.91	ng	-0.02
79) Terphenyl-d14	12.83	244	1394307	54.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	64826	11.928	ng	# 75
25) Isophorone	7.29	82	469345	28.852	ng	# 63
50) Dimethylphthalate	9.48	163	104910	4.844	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	35440	7.365	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	35440	5.682	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	18464	2.568	ng	# 1

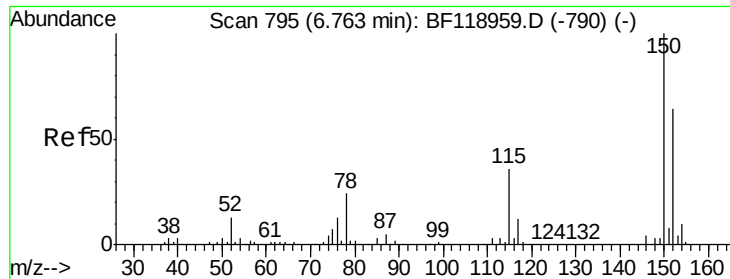
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampleId :

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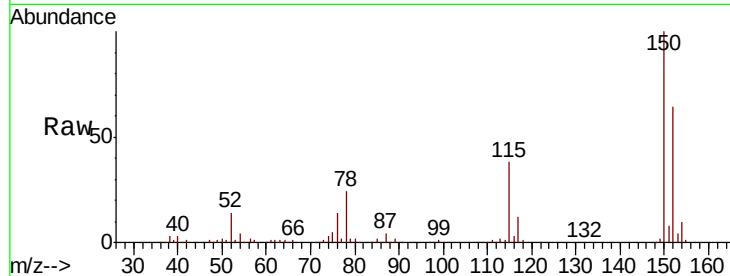


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.6
115	59.3	49.5	74.3

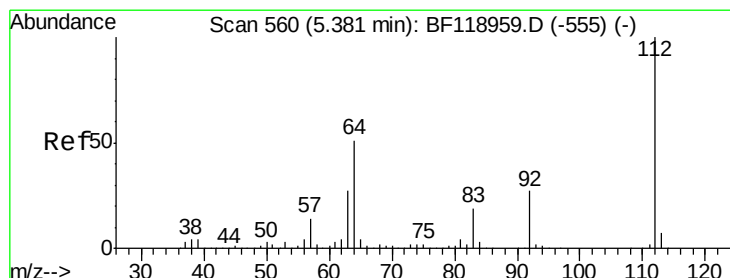
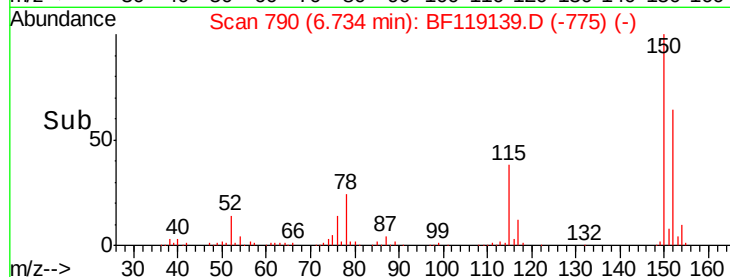
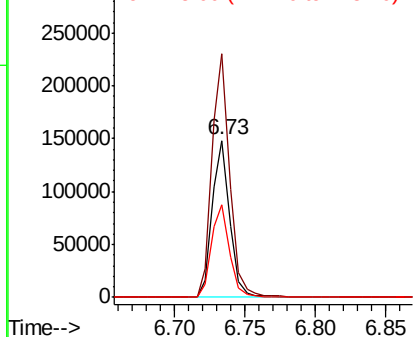


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

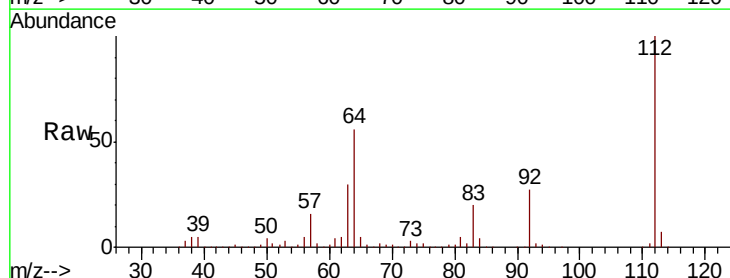
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.524 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	30.0	24.2	36.4

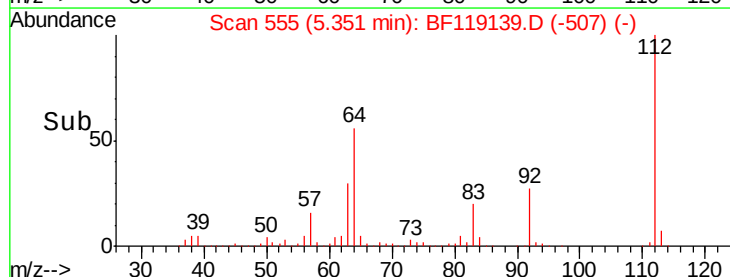
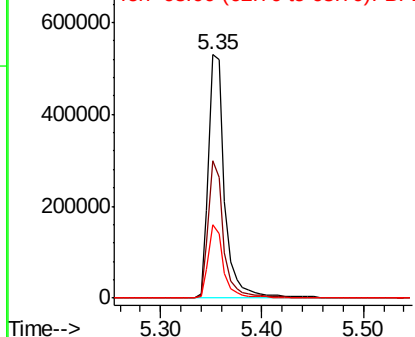


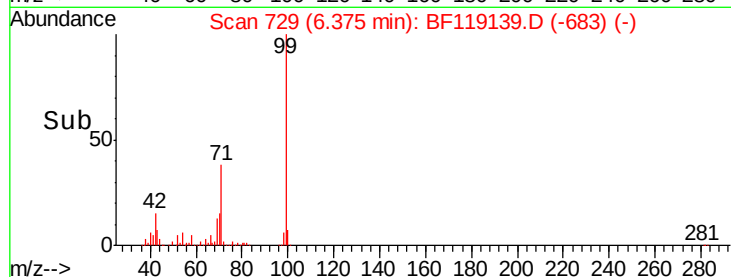
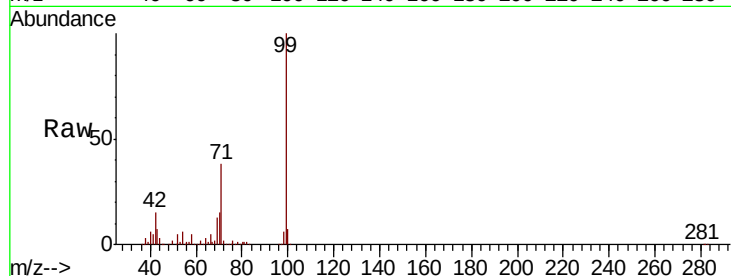
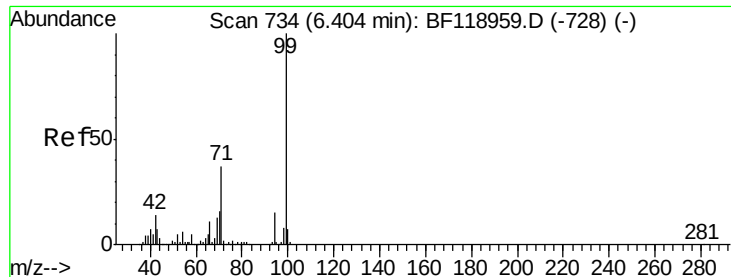
Abundance

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: 79.466 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

Instrument :

BNA_F

ClientSampleId :

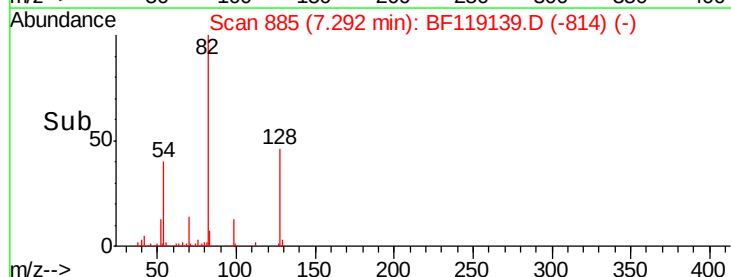
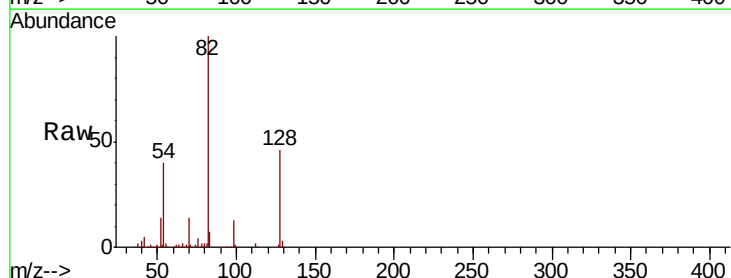
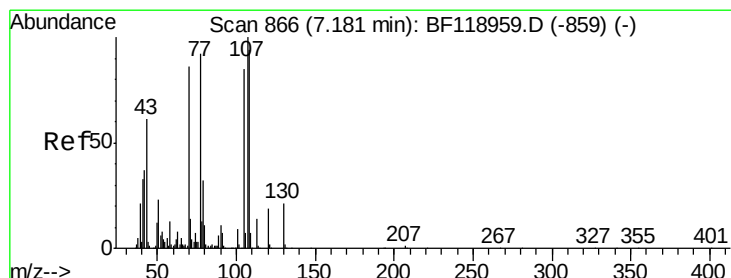
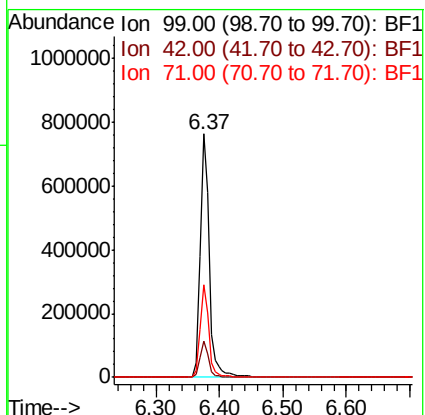
Tot Ion: 99 Resp: 741190

Ion Ratio Lower Upper

99 100

42 15.0 12.6 18.8

71 37.9 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.928 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

Tgt Ion: 70 Resp: 64826

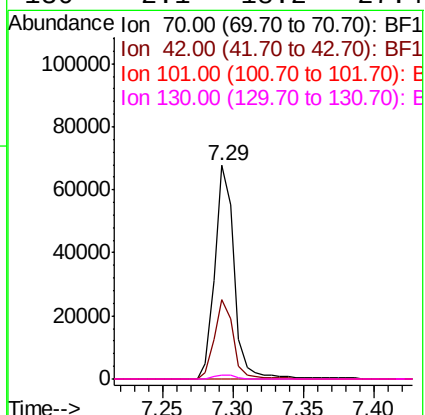
Ion Ratio Lower Upper

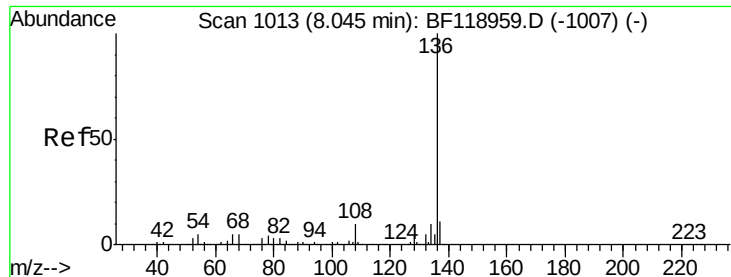
70 100

42 37.4 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

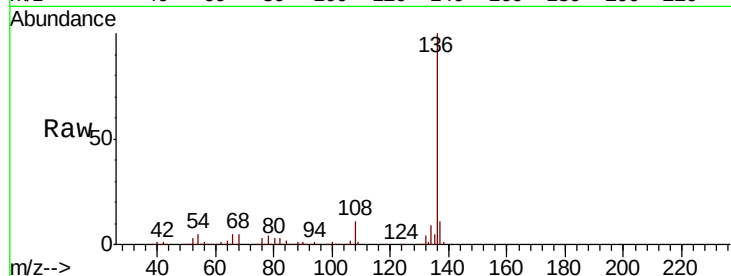




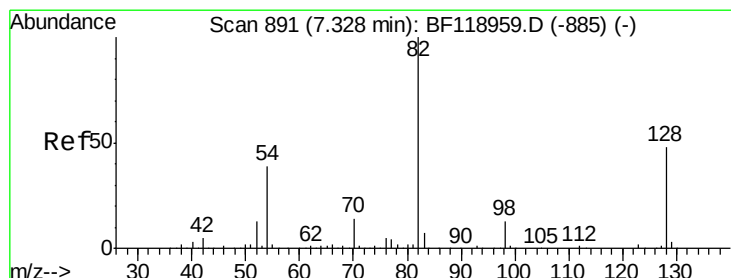
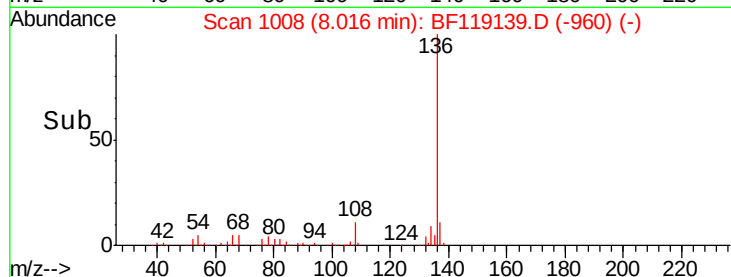
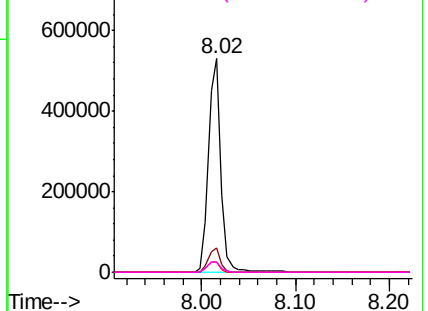
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	494564
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	4.5	3.8 5.6
68	4.9	3.9 5.9

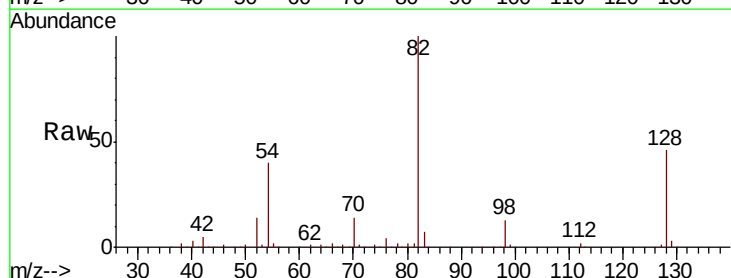


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

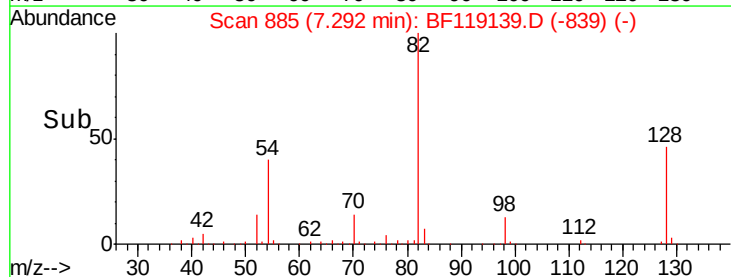
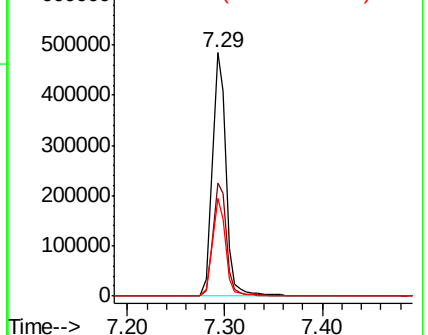


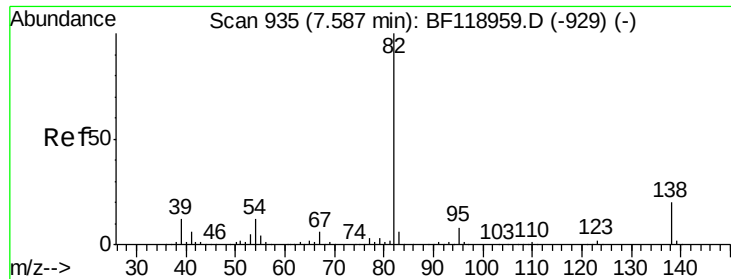
#23
Nitrobenzene-d5
Concen: 50.708 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Tgt Ion: 82	Resp:	474965
Ion	Ratio	Lower Upper
82	100	
128	46.3	37.9 56.9
54	40.2	33.4 50.2



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: 28.852 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

Instrument :

BNA_F

ClientSampleId :

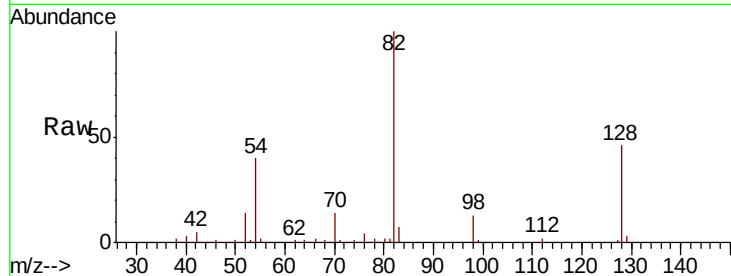
Tot Ion: 82 Resp: 469345

Ion Ratio Lower Upper

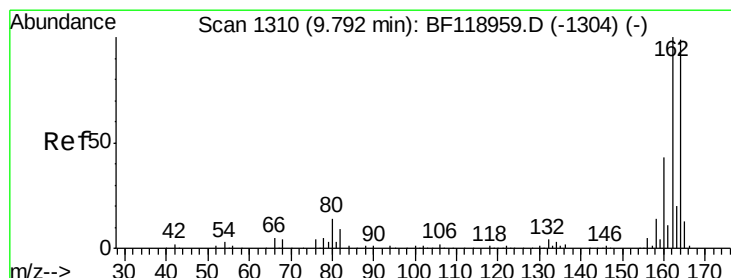
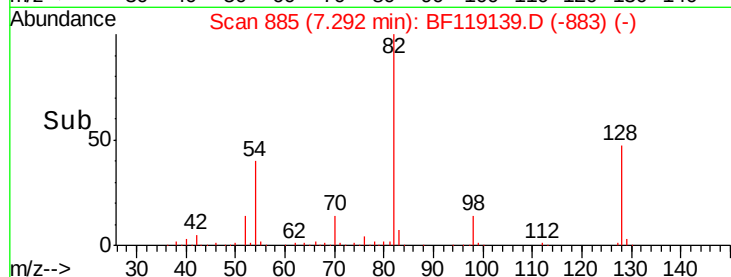
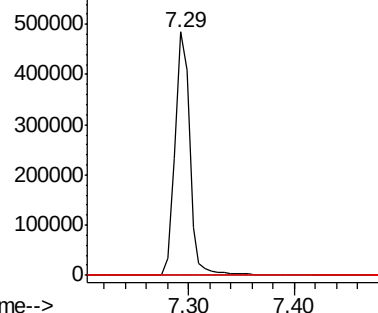
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

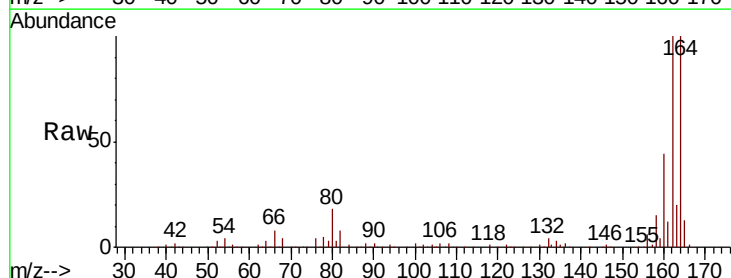
Tgt Ion: 164 Resp: 283250

Ion Ratio Lower Upper

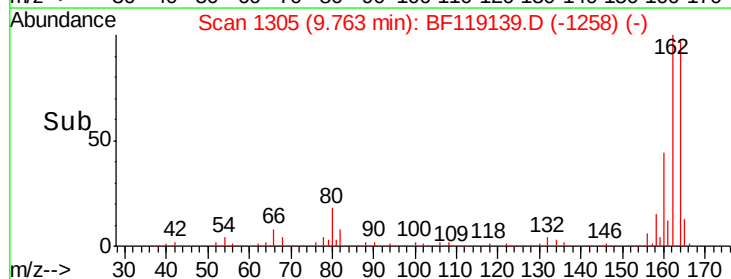
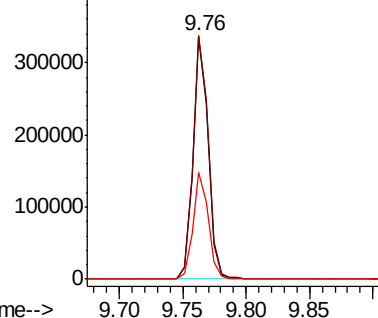
164 100

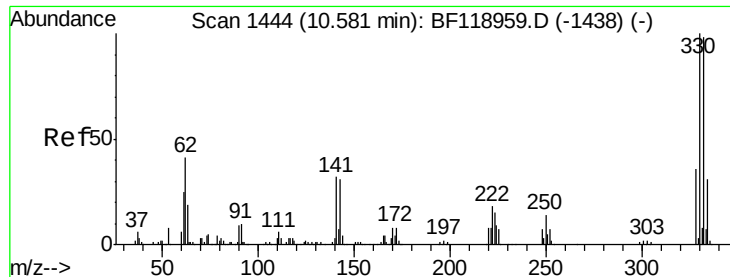
162 100.4 81.8 122.8

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

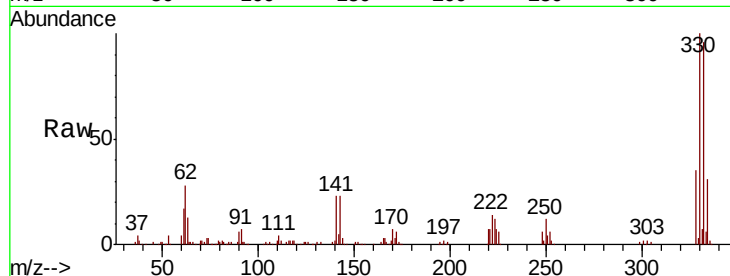




#42
 2,4,6-Tribromophenol
 Concen: 75.961 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.4	22.9	34.3

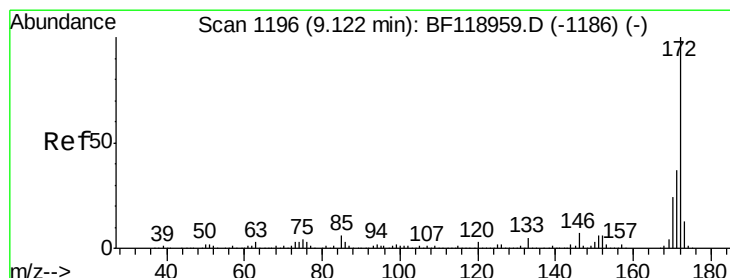
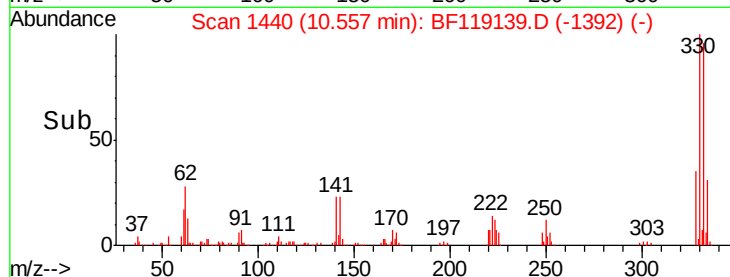
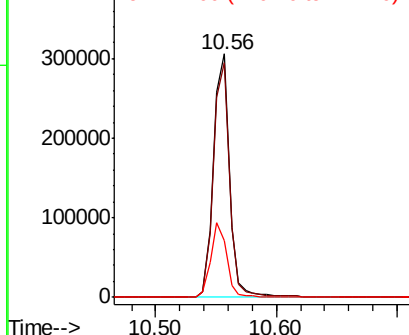


Abundance

Ion 329.80 (329.50 to 330.50): E

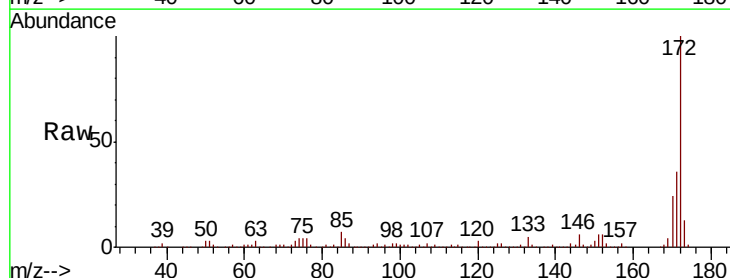
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.912 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.0	20.2	30.2

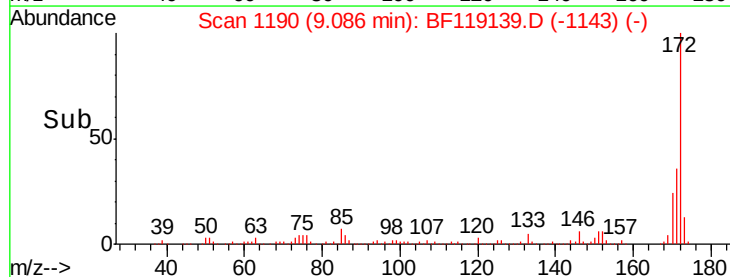
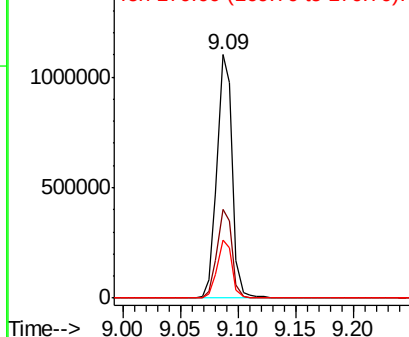


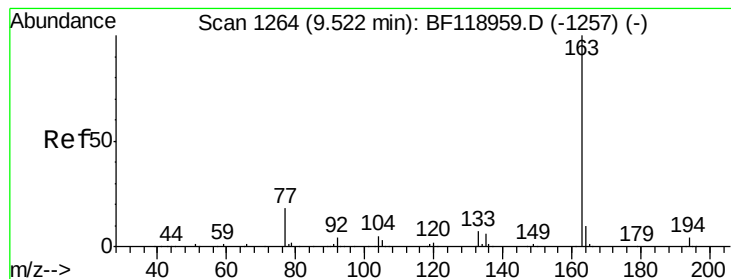
Abundance

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: 4.844 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

Instrument :

BNA_F

ClientSampled :

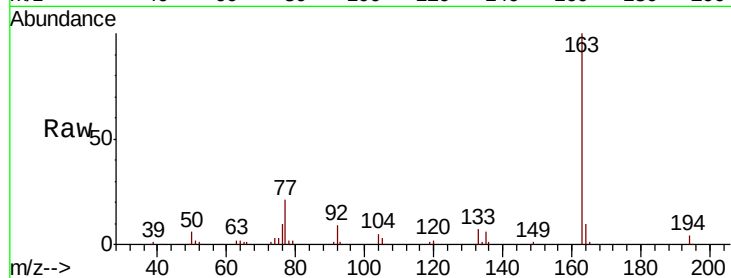
Tot Ion:163 Resp: 104910

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

150000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

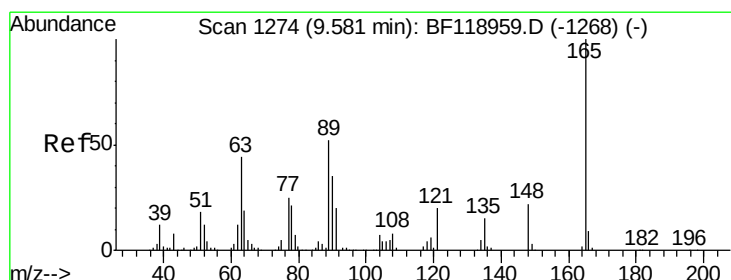
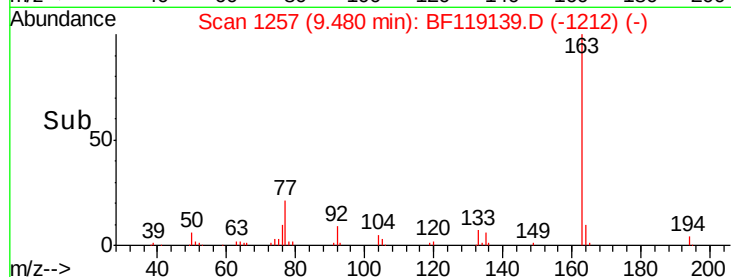
9.48

100000

50000

0

Time--> 9.40 9.45 9.50 9.55 9.60



#51

2,6-Dinitrotoluene

Concen: 7.365 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.18 min

Lab File: BF119139.D

Acq: 28 Feb 2020 19:25

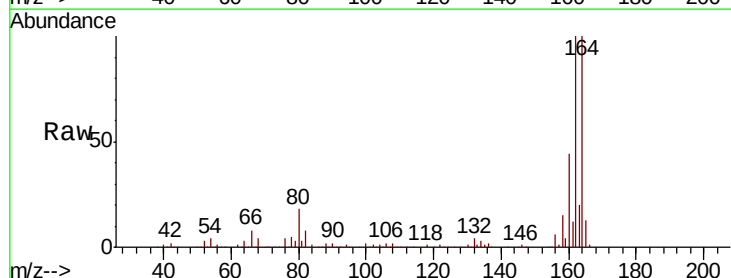
Tgt Ion:165 Resp: 35440

Ion Ratio Lower Upper

165 100

63 0.7 34.3 51.5#

89 1.4 38.3 57.5#



Abundance Ion 165.00 (164.70 to 165.70): E

60000 Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.76

40000

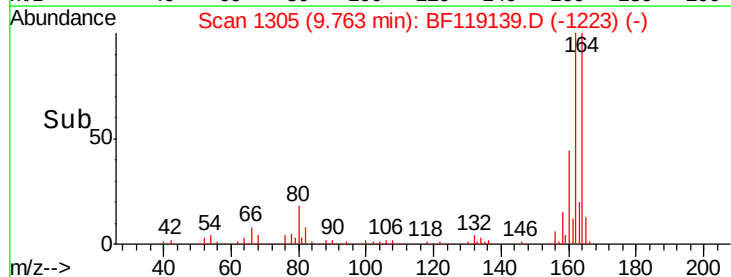
30000

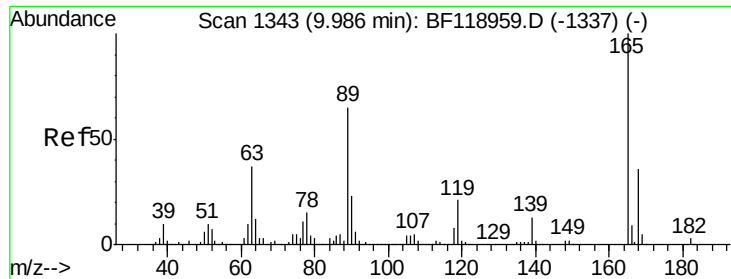
20000

10000

0

Time--> 9.75 9.80

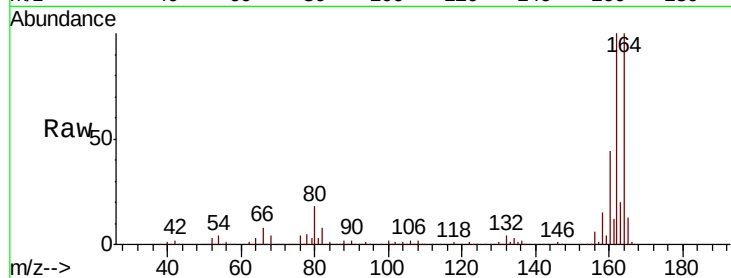




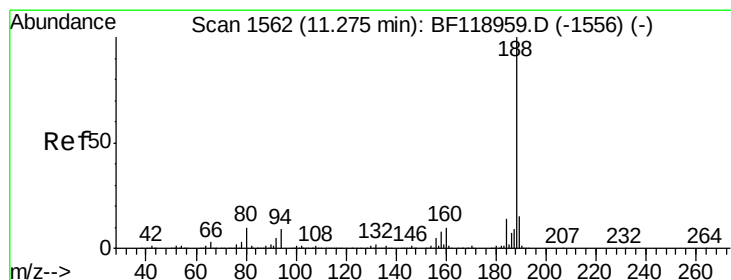
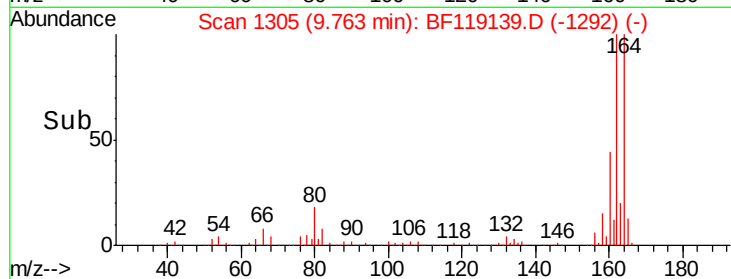
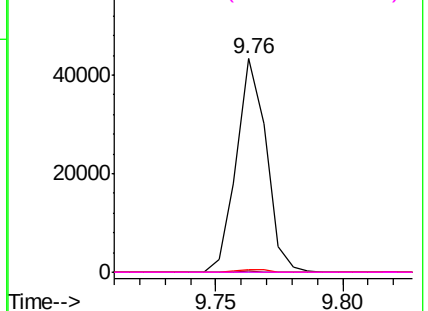
#57
 2,4-Dinitrotoluene
 Concen: 5.682 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	35440
Ion Ratio	Lower	Upper
165	100	
63	0.7	42.3 63.5#
89	1.4	60.2 90.4#
182	0.0	2.3 3.5#

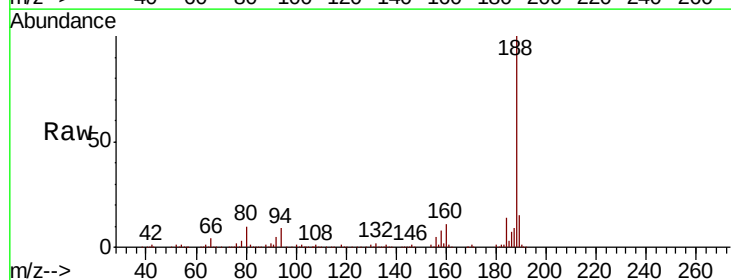


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

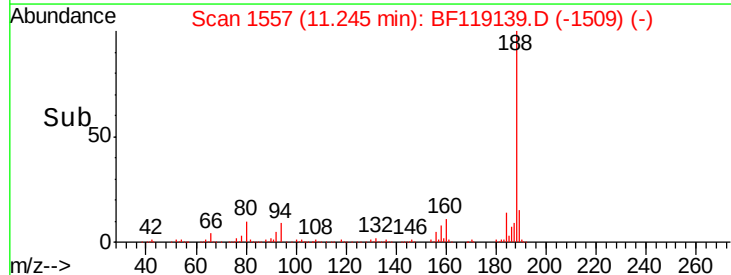
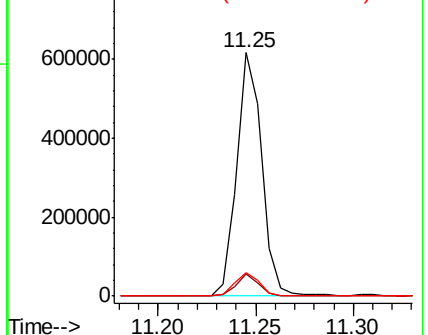


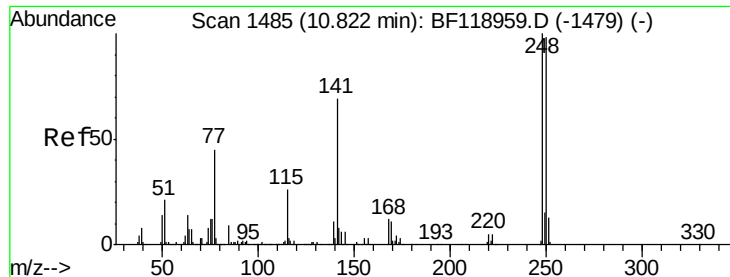
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Tgt Ion:188	Resp:	550077
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.1 10.7
80	9.7	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

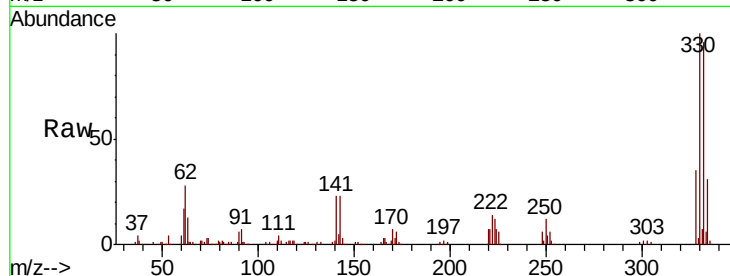




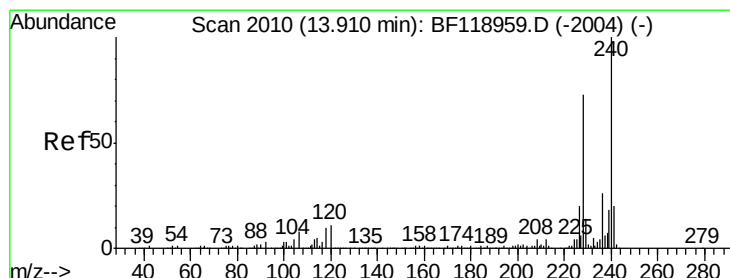
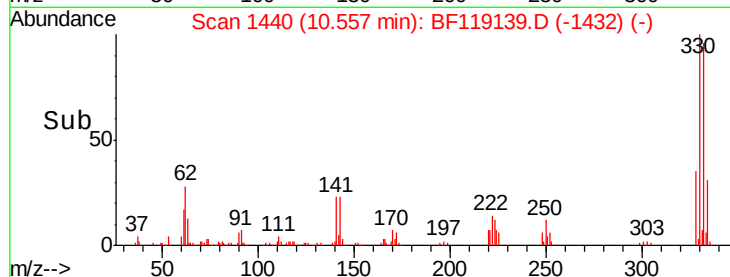
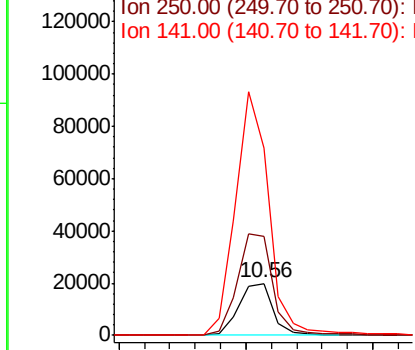
#67
4-Bromophenyl-phenylether
Concen: 2.568 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18464
Ion Ratio Lower Upper
248 100
250 191.1 76.7 115.1#
141 362.4 60.7 91.1#

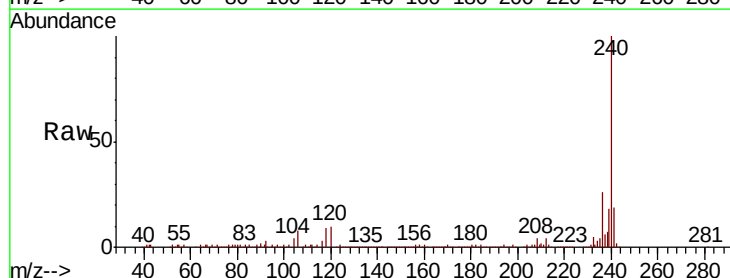


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

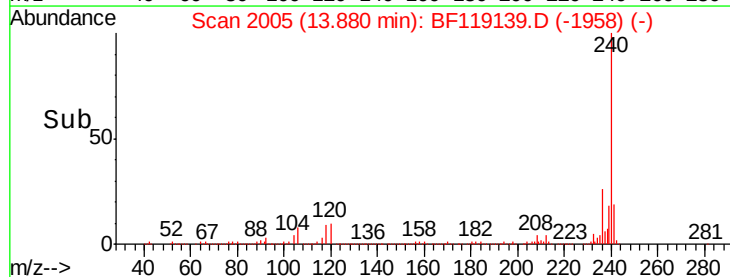
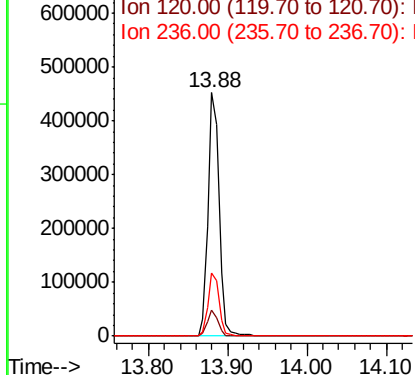


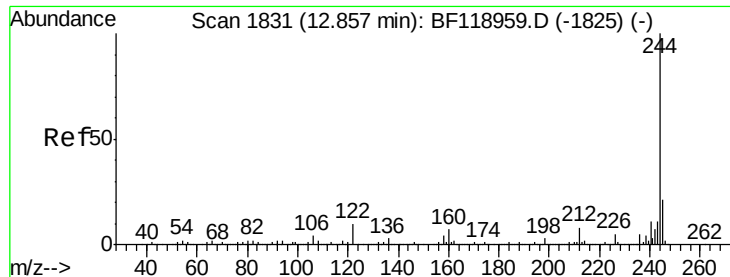
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119139.D
Acq: 28 Feb 2020 19:25

Tgt Ion:240 Resp: 442212
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.1 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



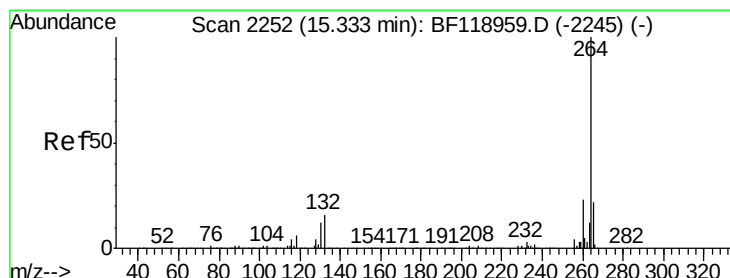
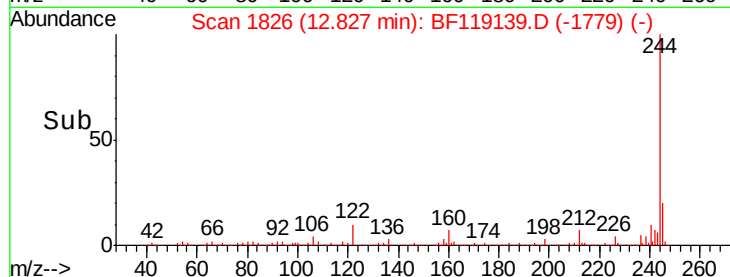
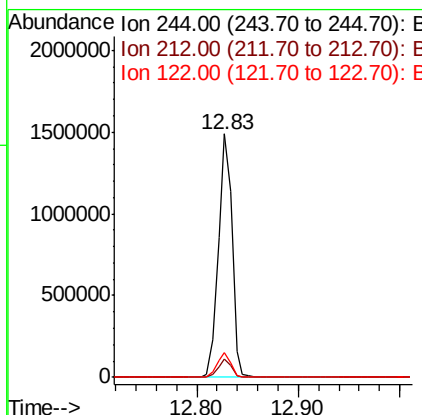
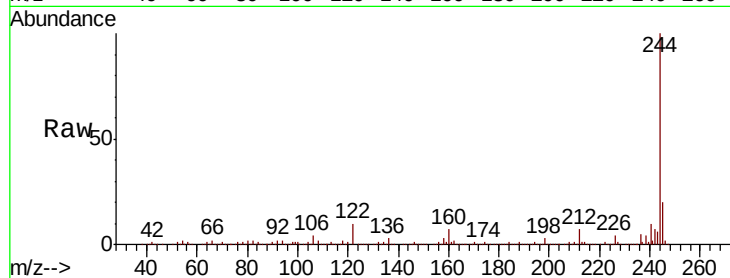


#79
 Terphenyl-d14
 Concen: 54.285 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1394307

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.4	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119139.D
 Acq: 28 Feb 2020 19:25

Tgt Ion:264 Resp: 435578

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.9	17.7	26.5

