

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119132.D
 Acq On : 28 Feb 2020 15:18
 Operator : CG/JU
 Sample : PB127140BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:37:51 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

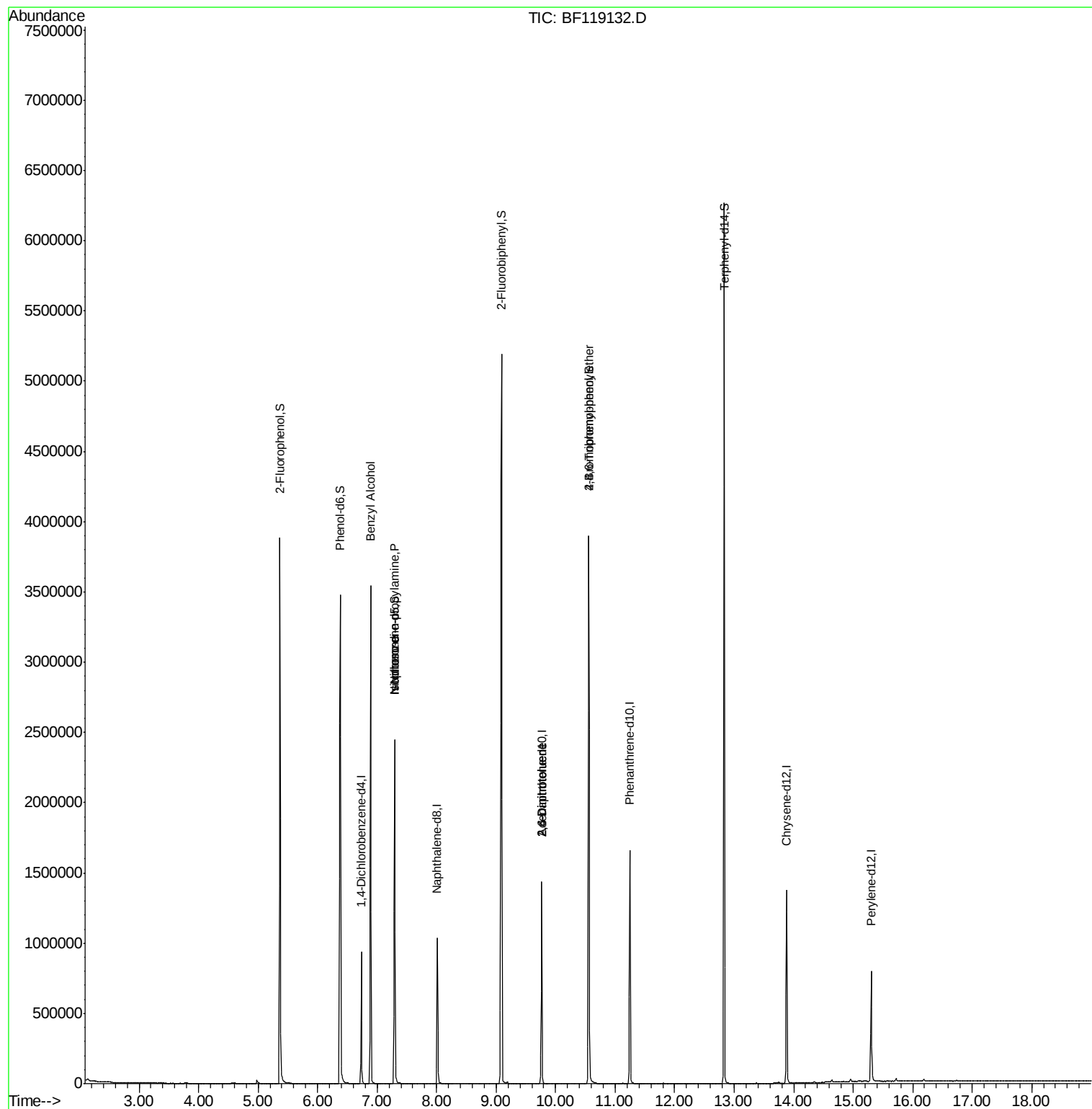
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	150377	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	585673	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	337927	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	662217	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	487554	20.00	ng	-0.02
87) Perylene-d12	15.30	264	381865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1185101	131.70	ng	0.00
7) Phenol-d6	6.38	99	1449674	132.47	ng	-0.02
23) Nitrobenzene-d5	7.30	82	966035	87.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	577208	130.57	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1976871	86.18	ng	-0.02
79) Terphenyl-d14	12.83	244	2662595	94.02	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	16957	2.144	ng	# 50
19) n-Nitroso-di-n-propylamine	7.30	70	133674	20.963	ng	# 76
25) Isophorone	7.30	82	949412	49.284	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	42352	7.377	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	42352	5.691	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	37777	4.364	ng	# 1

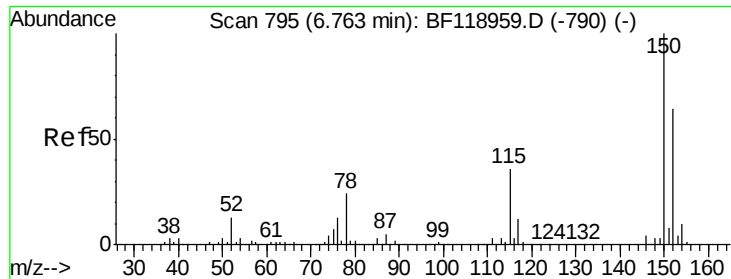
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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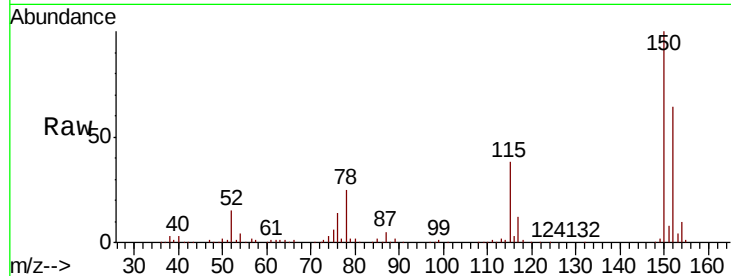


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.6
115	60.3	49.5	74.3

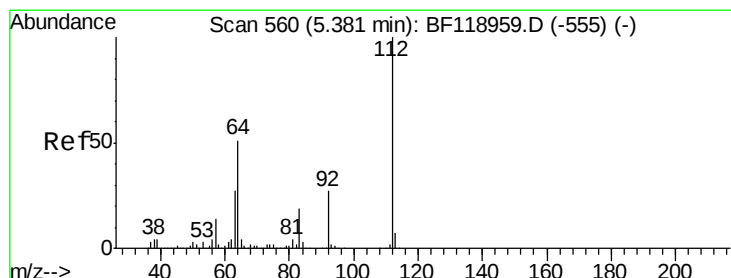
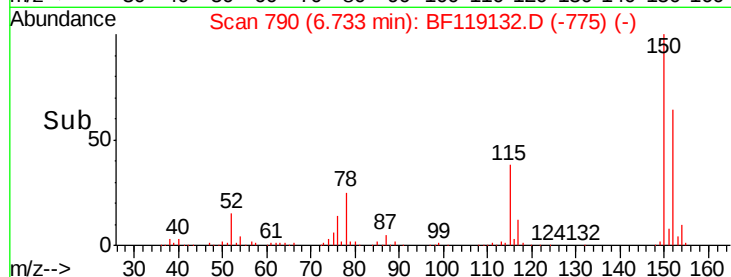
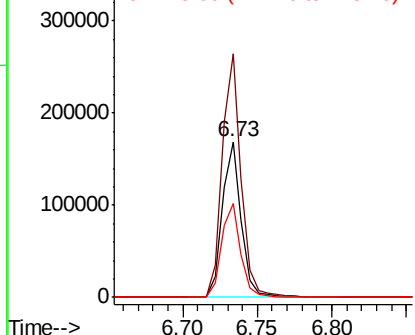


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

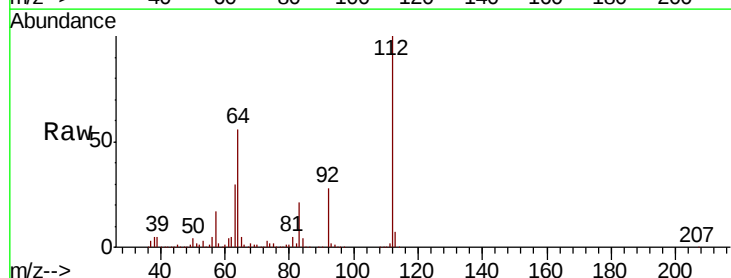
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 131.703 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.0	67.4
63	30.2	24.2	36.4

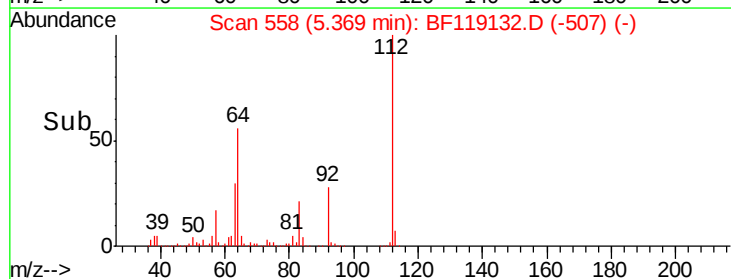
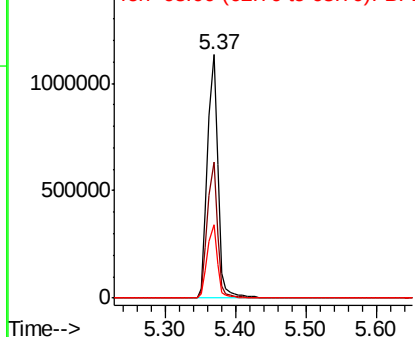


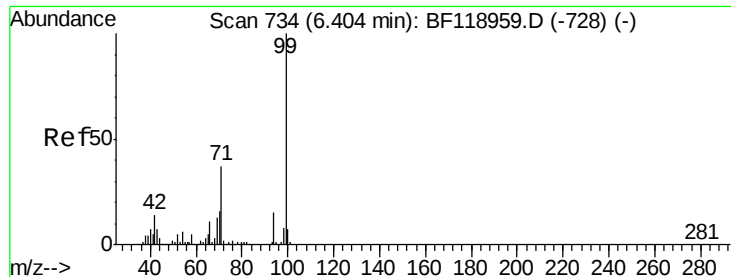
Abundance

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: 132.468 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

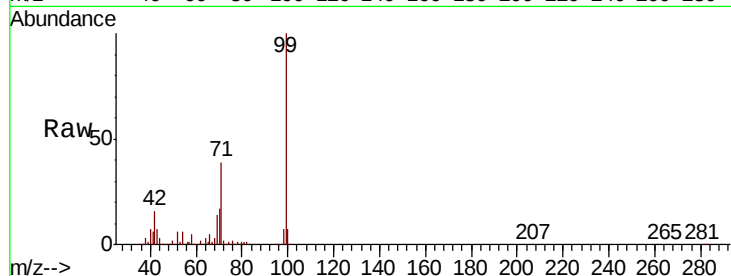
Tot Ion: 99 Resp: 1449674

Ion Ratio Lower Upper

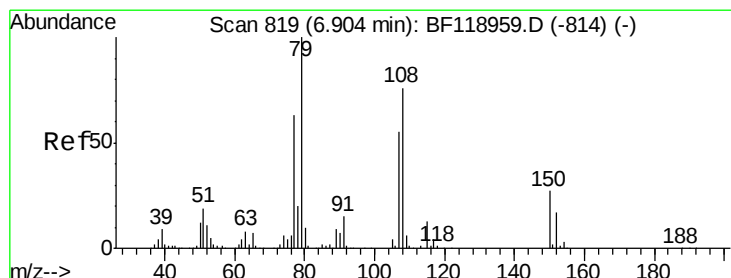
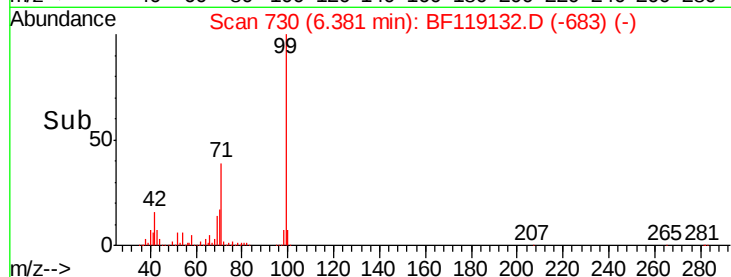
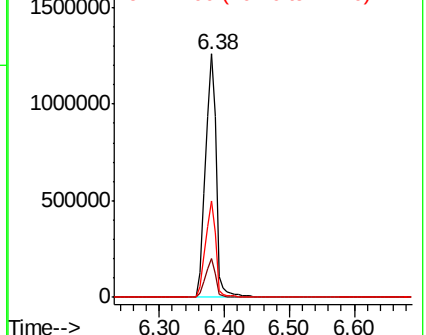
99 100

42 16.1 12.6 18.8

71 39.5 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.144 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

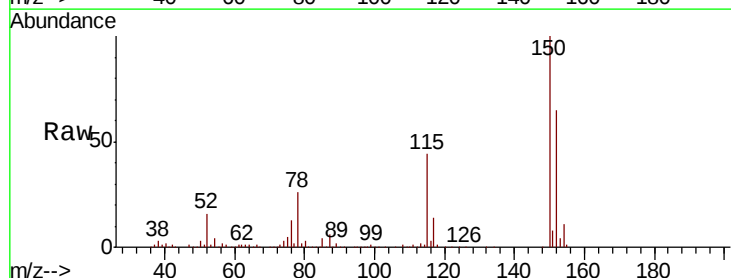
Tgt Ion: 79 Resp: 16957

Ion Ratio Lower Upper

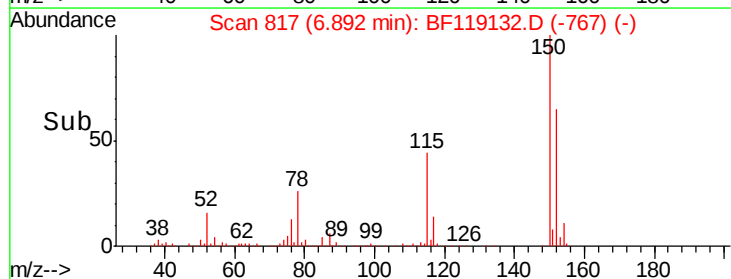
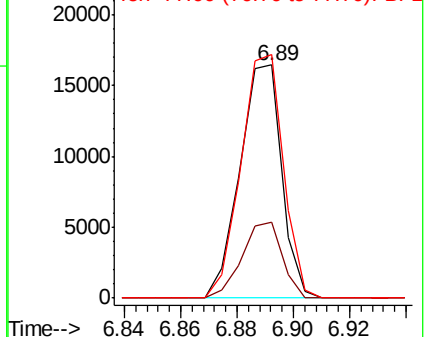
79 100

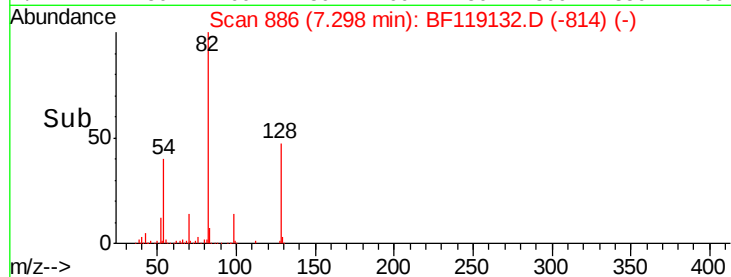
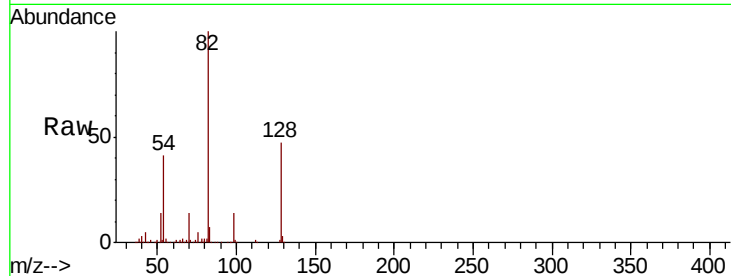
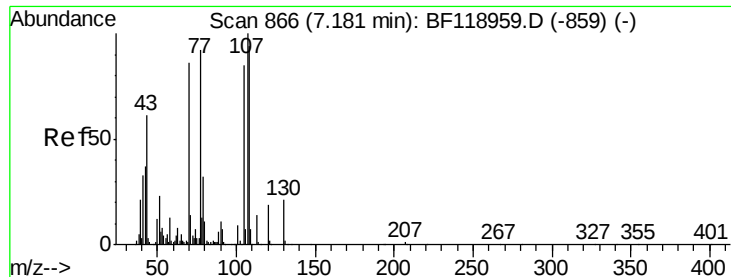
108 32.5 58.2 87.2#

77 104.4 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

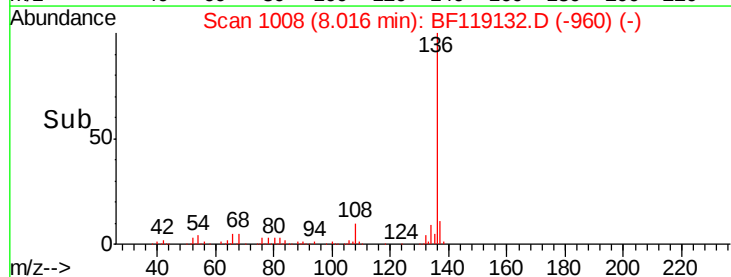
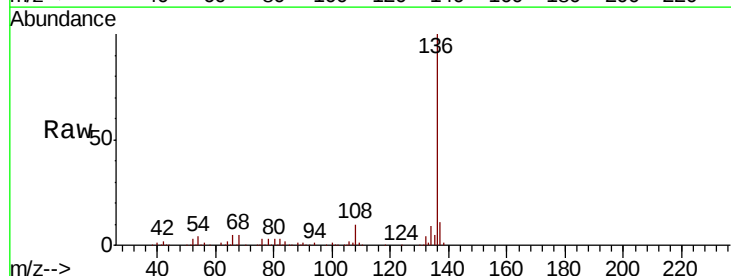
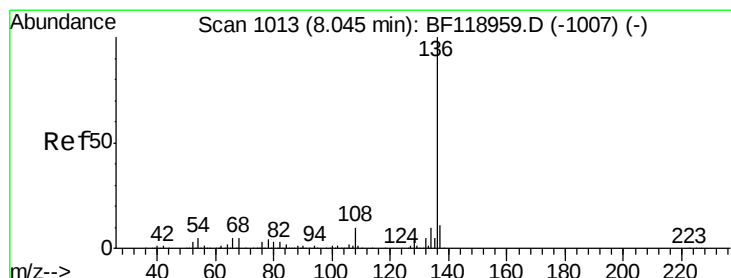
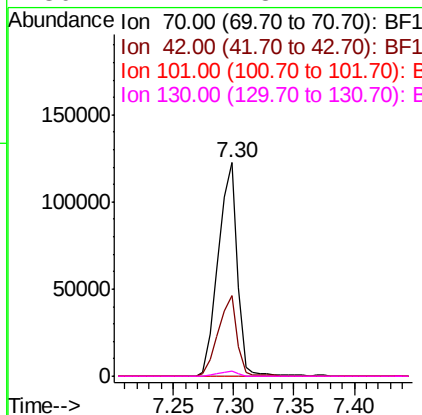




#19
n-Nitroso-di-n-propylamine
Concen: 20.963 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

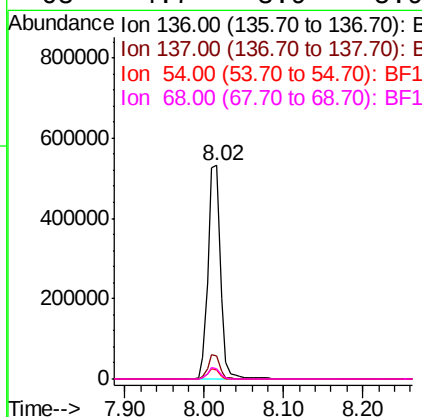
Instrument :
BNA_F
ClientSampleId :

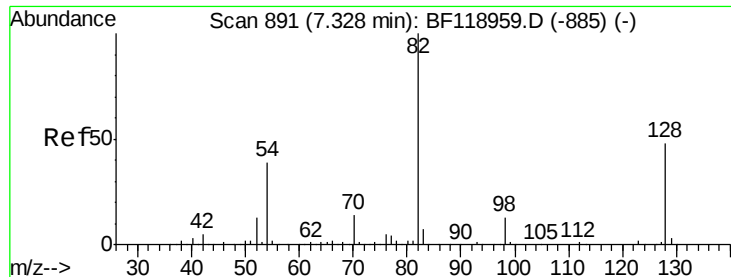
Tot Ion: 70 Resp: 133674
Ion Ratio Lower Upper
70 100
42 37.7 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Tgt Ion: 136 Resp: 585673
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.5 3.8 5.6
68 4.7 3.9 5.9

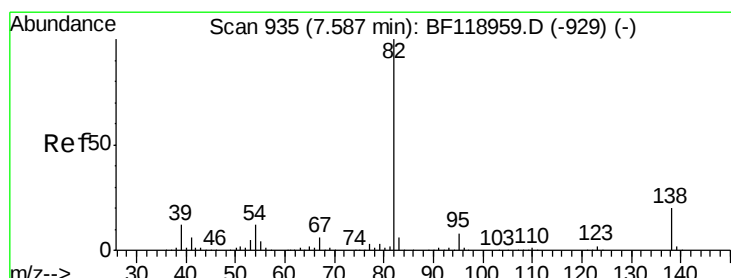
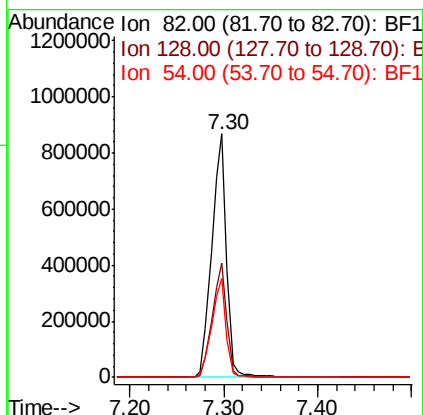
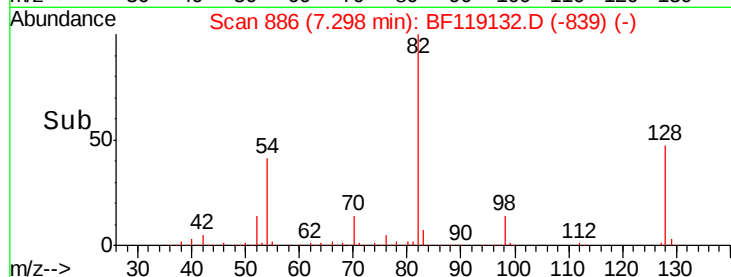
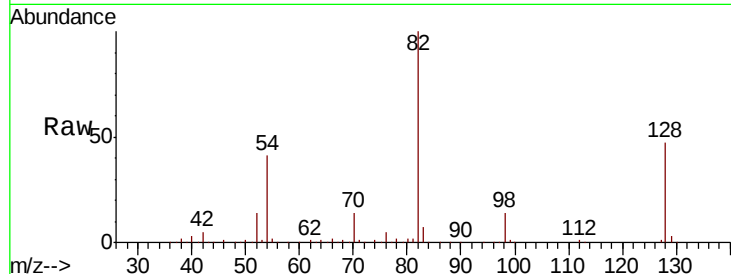




#23
Nitrobenzene-d5
Concen: 87.091 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

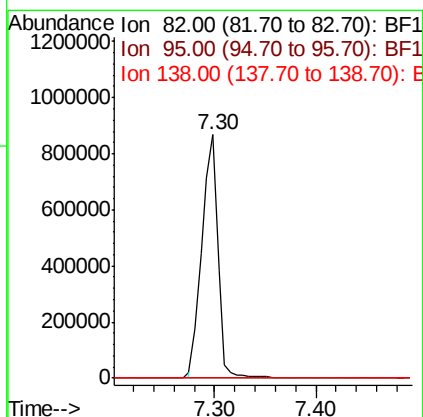
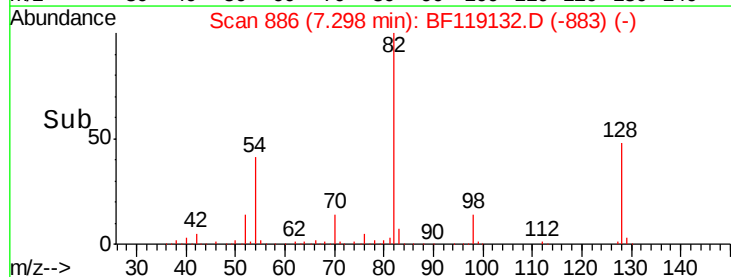
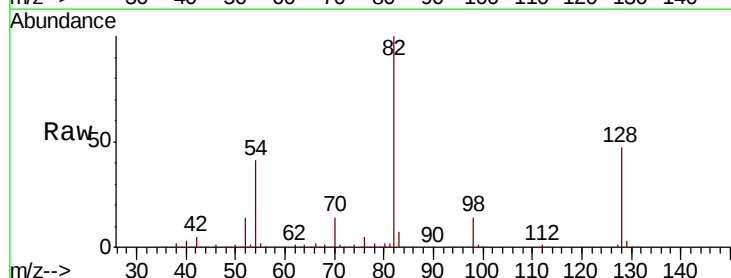
Instrument :
BNA_F
ClientSampled :

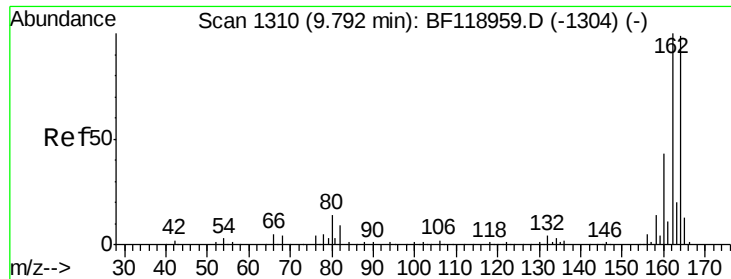
Tot Ion: 82 Resp: 966035
Ion Ratio Lower Upper
82 100
128 46.8 37.9 56.9
54 40.7 33.4 50.2



#25
Isophorone
Concen: 49.284 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Tgt Ion: 82 Resp: 949412
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

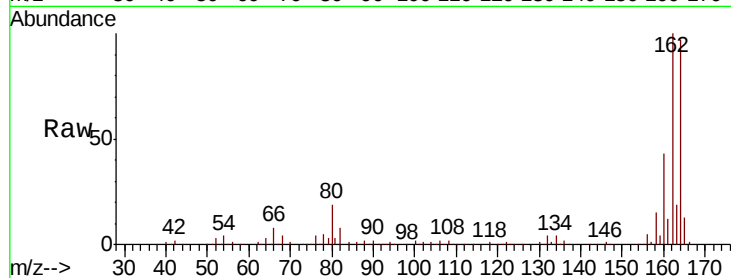
Tot Ion:164 Resp: 337927

Ion Ratio Lower Upper

164 100

162 103.6 81.8 122.8

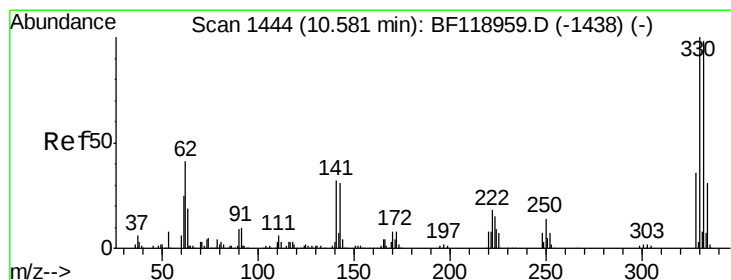
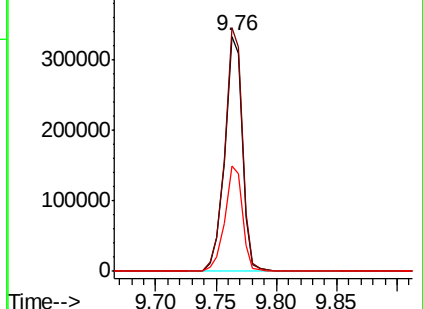
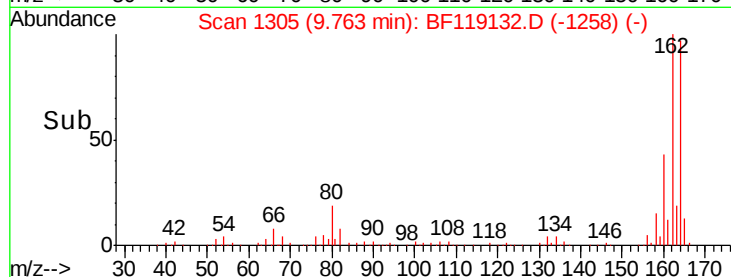
160 44.6 36.0 54.0



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: 130.571 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

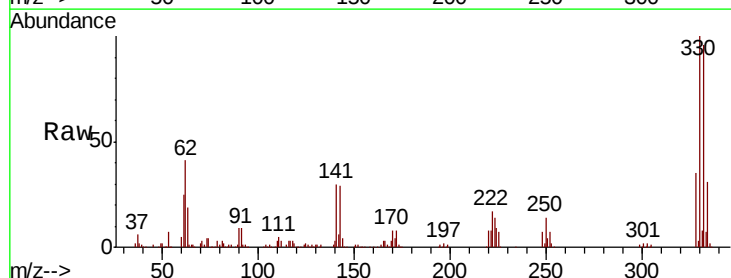
Tgt Ion:330 Resp: 577208

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

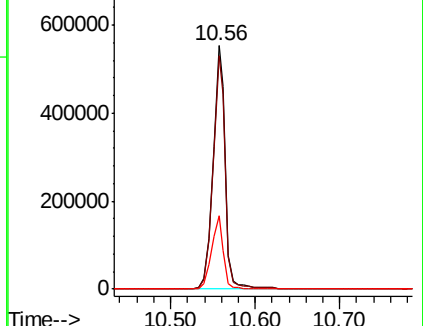
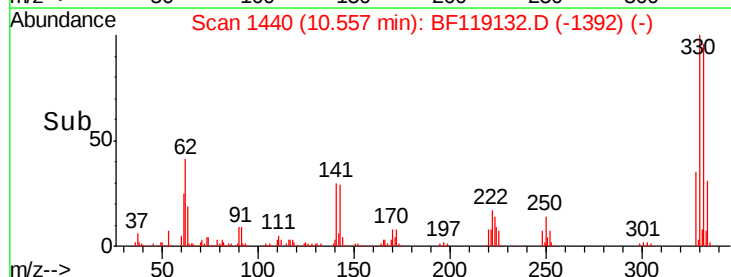
141 29.3 22.9 34.3

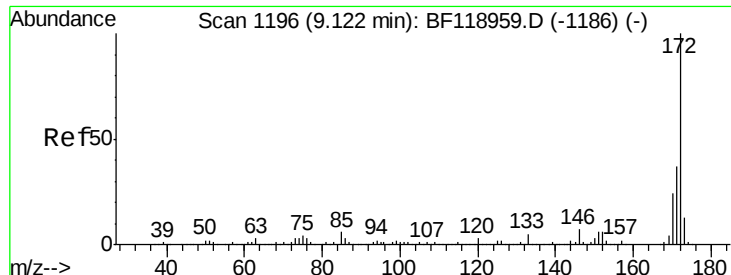


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



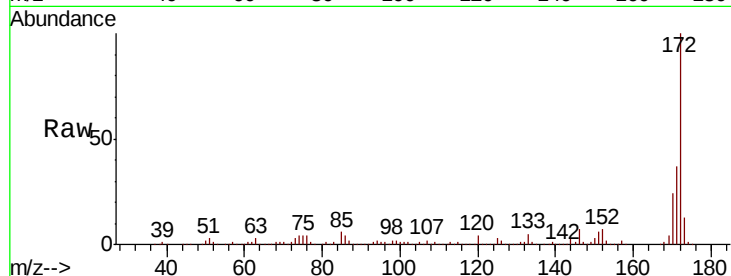


#45
 2-Fluorobiphenyl
 Concen: 86.180 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

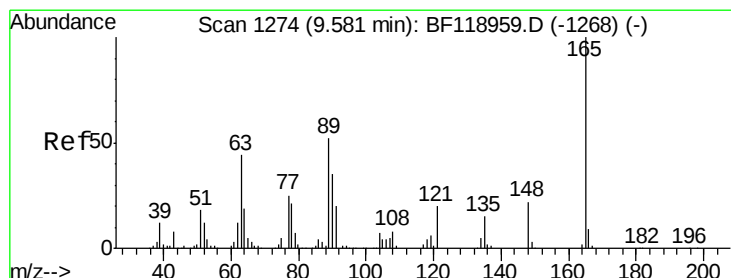
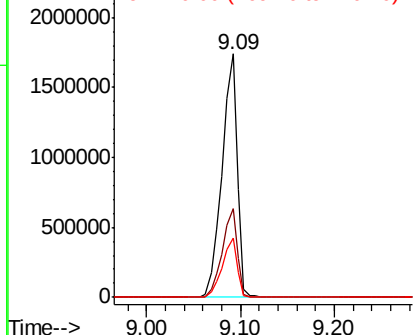
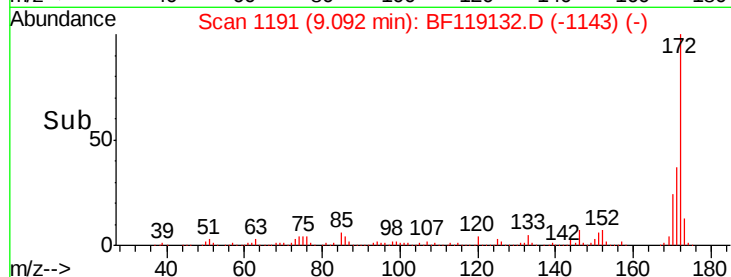
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1976871

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.5	20.2	30.2



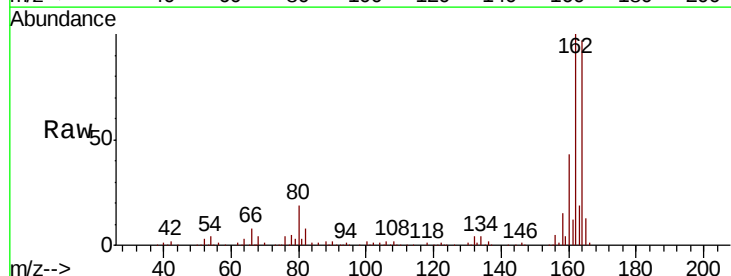
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



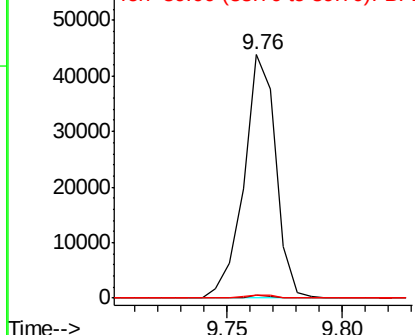
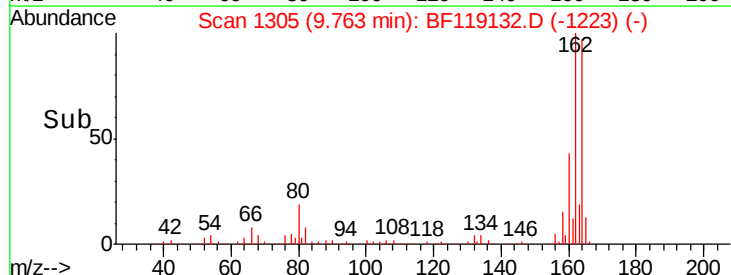
#51
 2,6-Dinitrotoluene
 Concen: 7.377 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.18 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

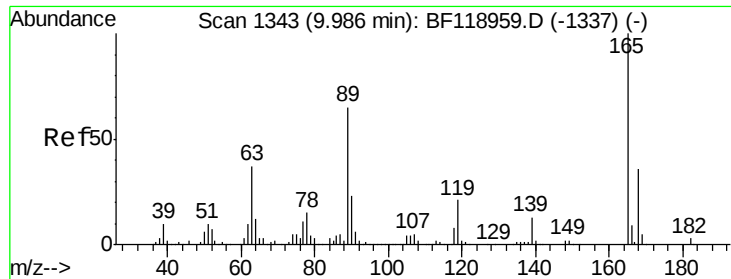
Tgt Ion:165 Resp: 42352

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	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

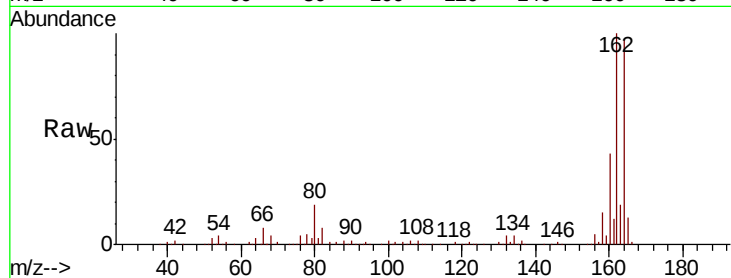




#57
2,4-Dinitrotoluene
Concen: 5.691 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.22 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#

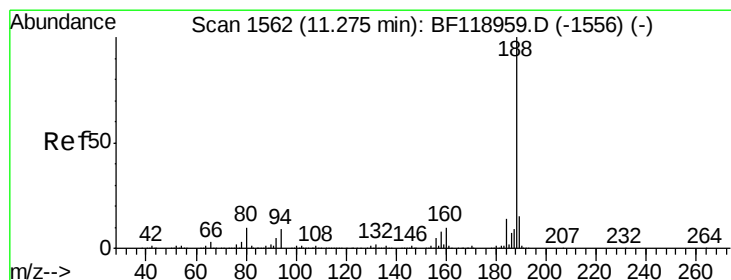
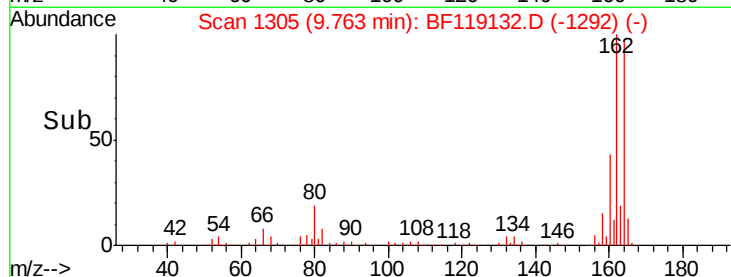
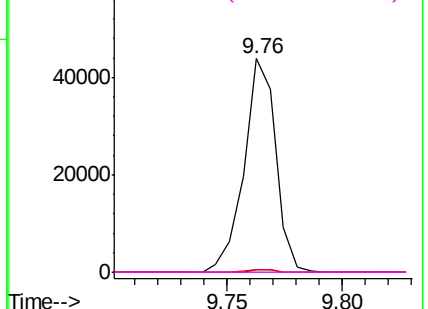


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

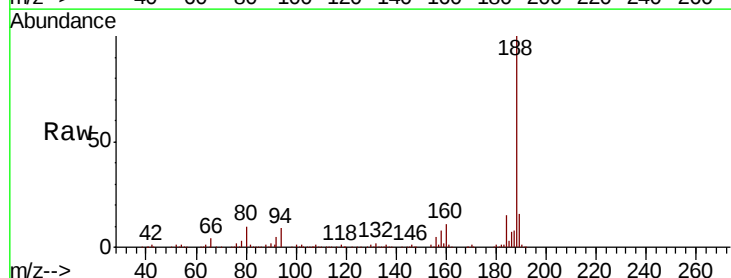
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

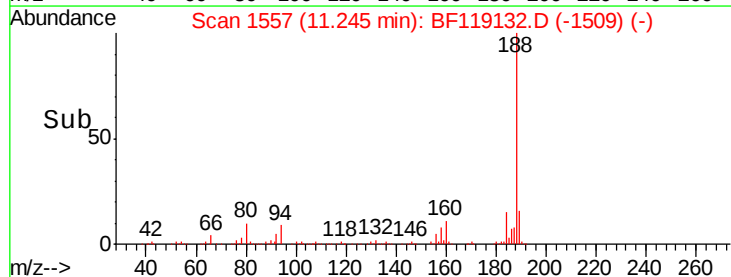
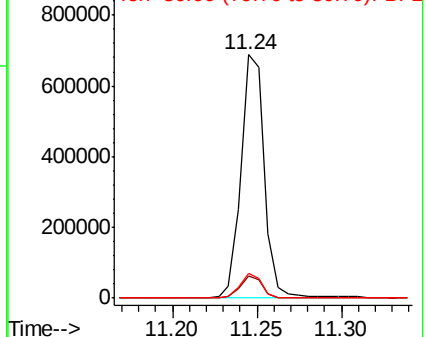
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	10.4	7.8	11.8

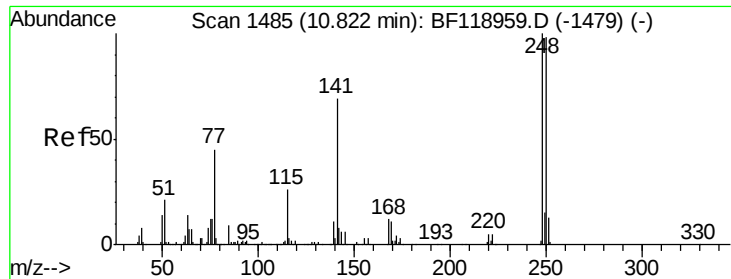


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

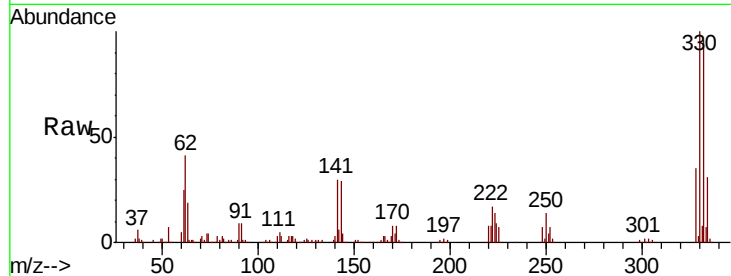




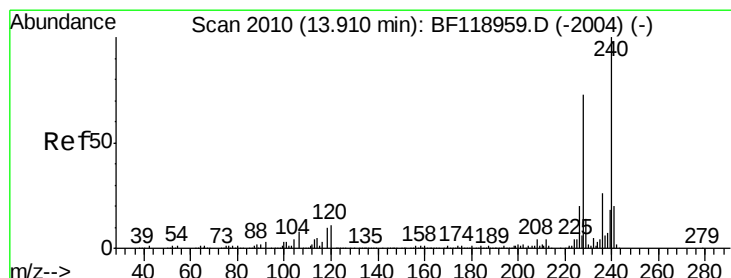
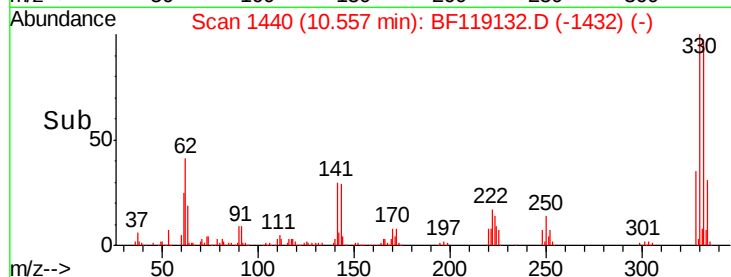
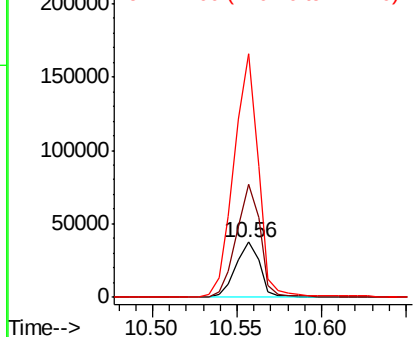
#67
4-Bromophenyl-phenylether
Concen: 4.364 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37777
Ion Ratio Lower Upper
248 100
250 206.6 76.7 115.1#
141 444.1 60.7 91.1#

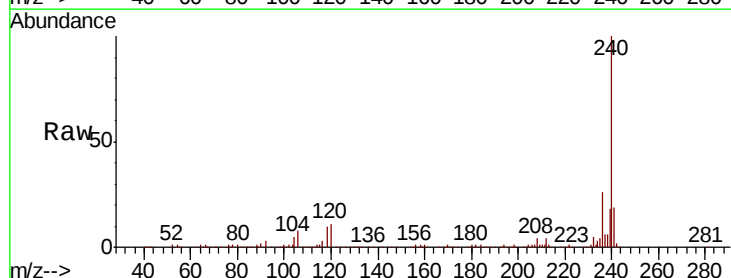


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

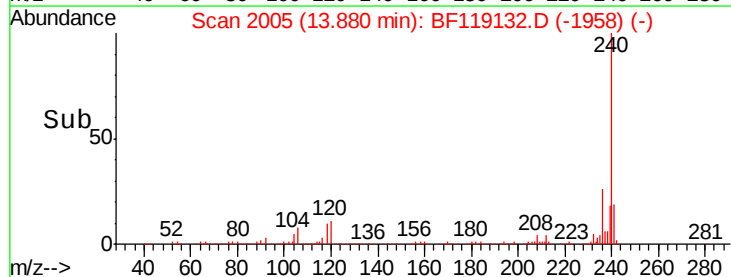
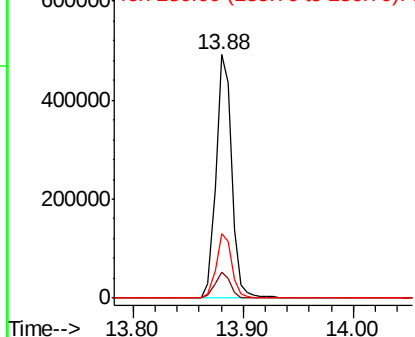


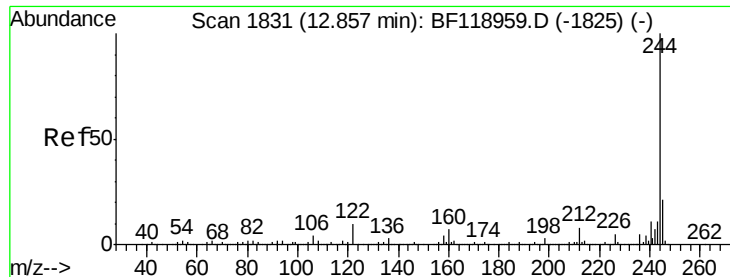
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Tgt Ion:240 Resp: 487554
Ion Ratio Lower Upper
240 100
120 10.8 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: 94.023 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

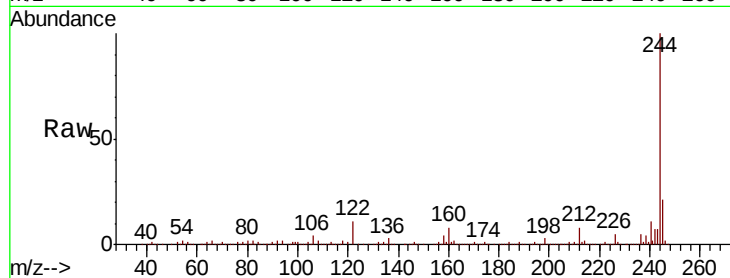
Tot Ion:244 Resp: 2662595

Ion Ratio Lower Upper

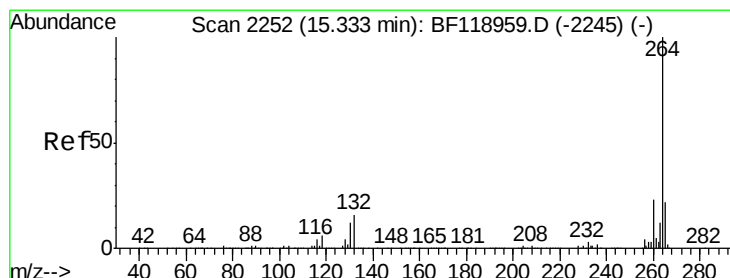
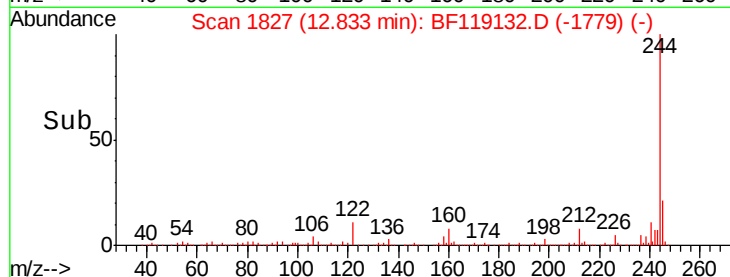
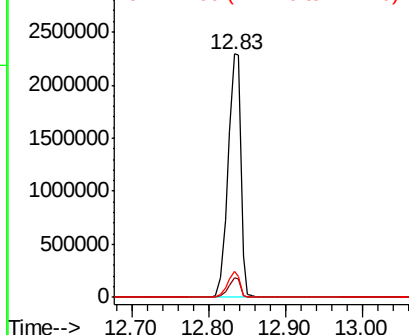
244 100

212 7.8 6.6 10.0

122 10.5 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

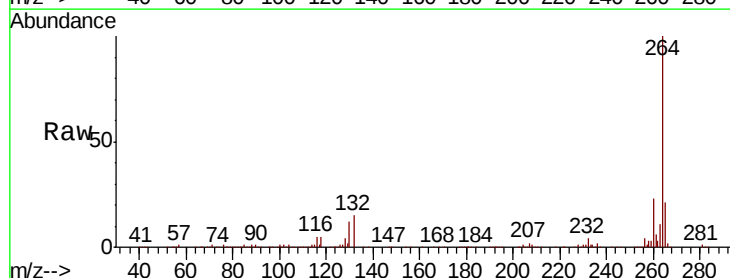
Tgt Ion:264 Resp: 381865

Ion Ratio Lower Upper

264 100

260 23.4 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

