

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119149.D
 Acq On : 29 Feb 2020 00:16
 Operator : CG/JU
 Sample : L1718-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:43:05 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

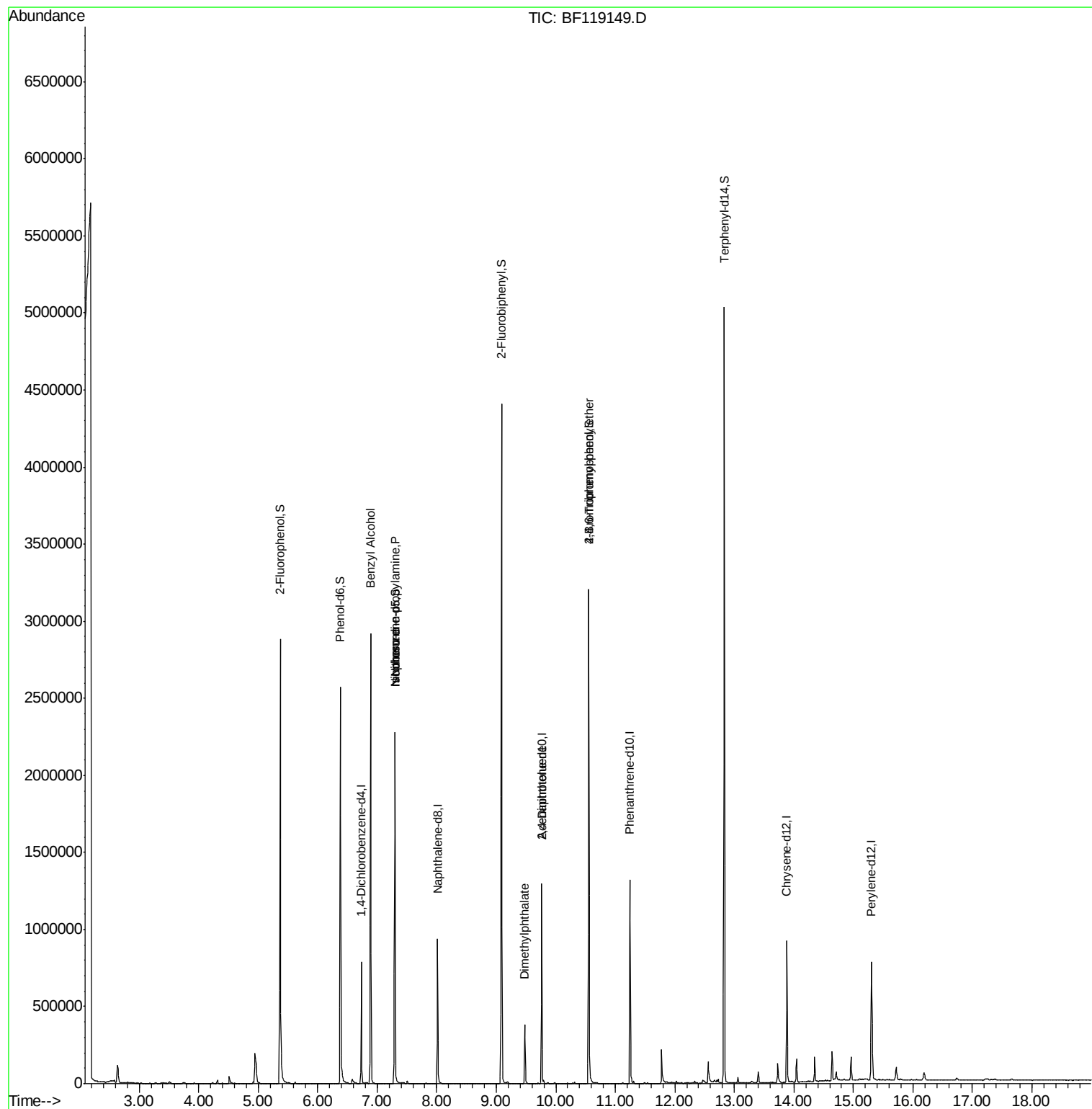
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120487	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	467116	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	258450	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	493178	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	317785	20.00	ng	-0.02
87) Perylene-d12	15.30	264	337347	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	884080	122.62	ng	0.00
7) Phenol-d6	6.38	99	991657	113.10	ng	-0.02
23) Nitrobenzene-d5	7.30	82	755778	85.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	433030	128.08	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1455376	82.96	ng	-0.02
79) Terphenyl-d14	12.83	244	1814546	98.31	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	12963	2.046	ng	# 52
19) n-Nitroso-di-n-propylamine	7.30	70	106329	20.811	ng	# 74
25) Isophorone	7.30	82	745695	48.534	ng	# 63
50) Dimethylphthalate	9.48	163	159622	8.077	ng	99
57) 2,4-Dinitrotoluene	9.76	165	32941	5.788	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	28722	4.455	ng	# 1

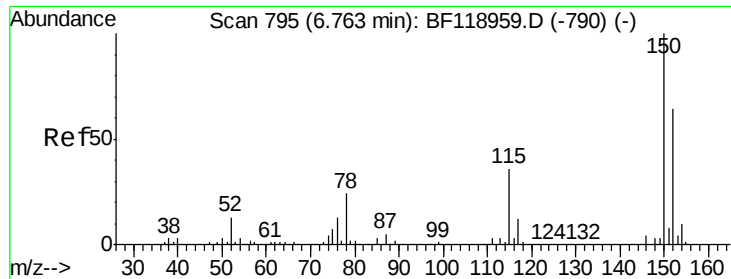
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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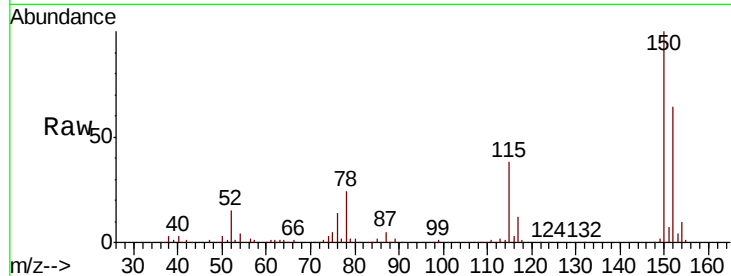


#1

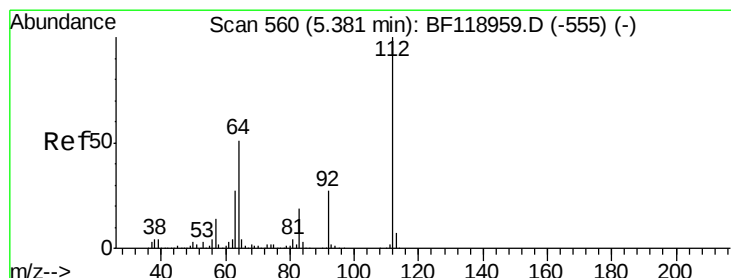
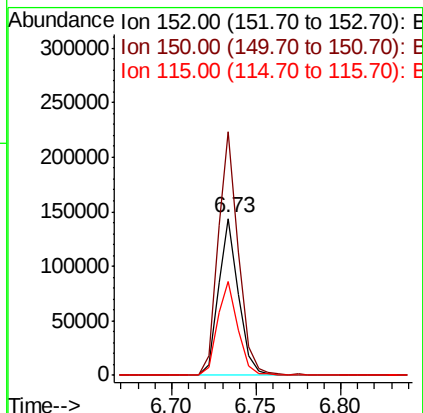
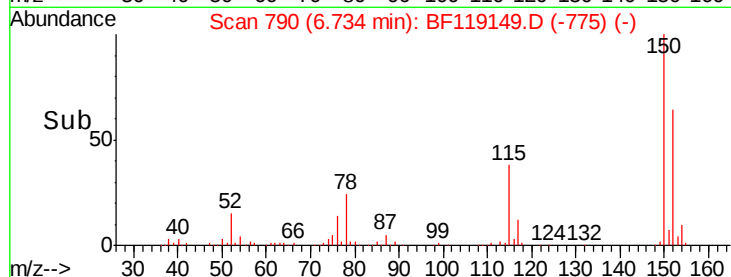
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 120487
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.0 184.6
 115 59.7 49.5 74.3



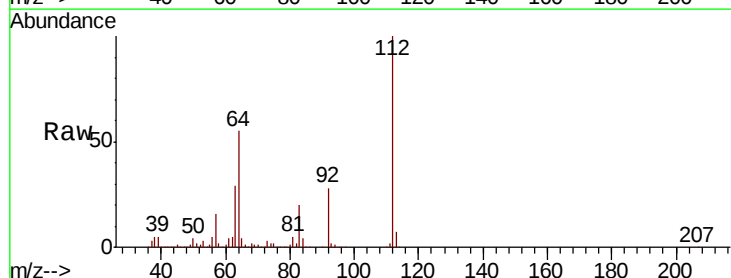
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



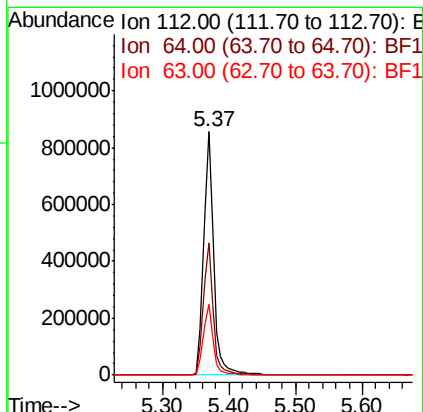
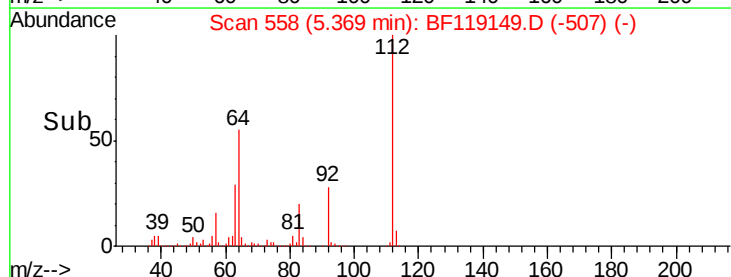
#5

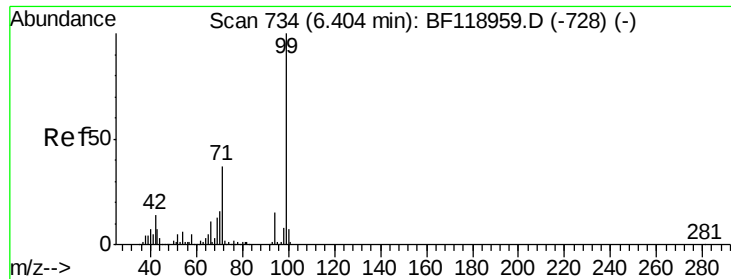
2-Fluorophenol
 Concen: 122.624 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Tgt Ion:112 Resp: 884080
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.0 67.4
 63 29.2 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: 113.095 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119149.D

Acq: 29 Feb 2020 00:16

Instrument :

BNA_F

ClientSampleId :

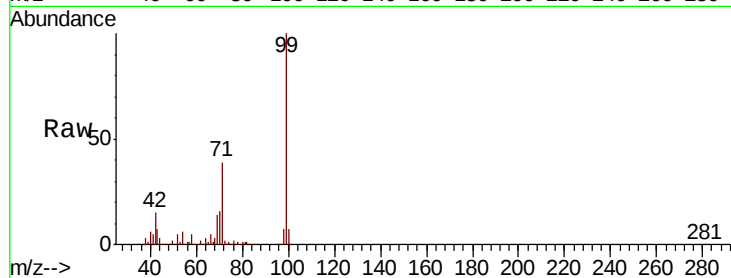
Tot Ion: 99 Resp: 991657

Ion Ratio Lower Upper

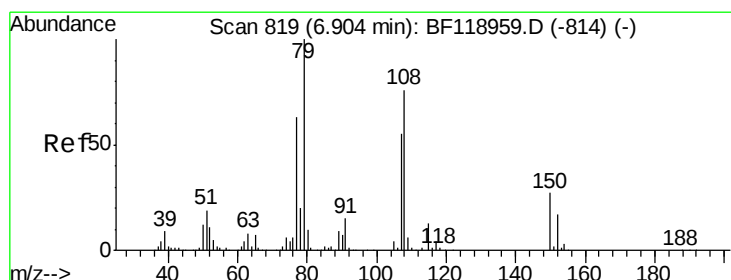
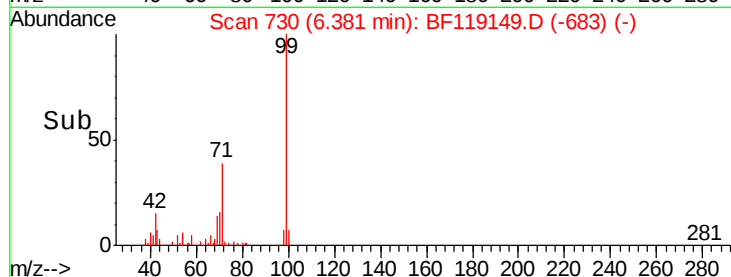
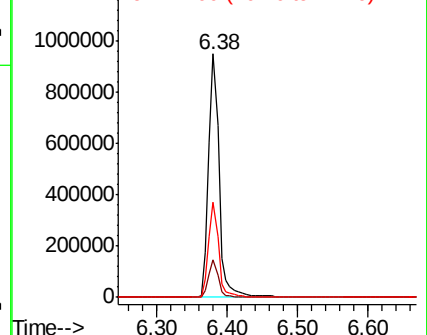
99 100

42 15.3 12.6 18.8

71 38.9 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: 2.046 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119149.D

Acq: 29 Feb 2020 00:16

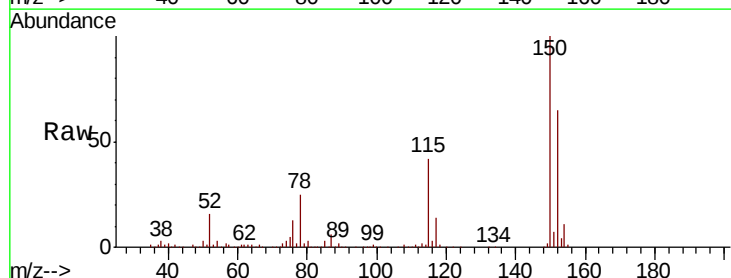
Tgt Ion: 79 Resp: 12963

Ion Ratio Lower Upper

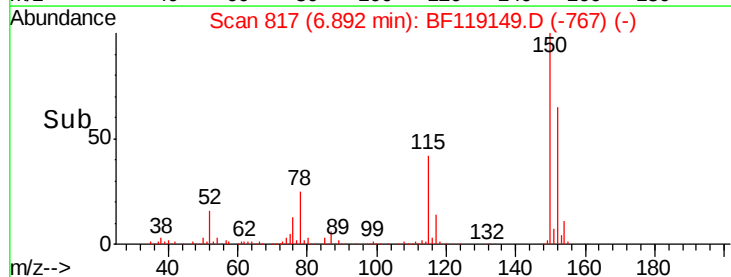
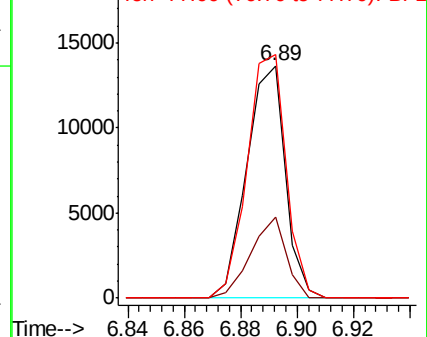
79 100

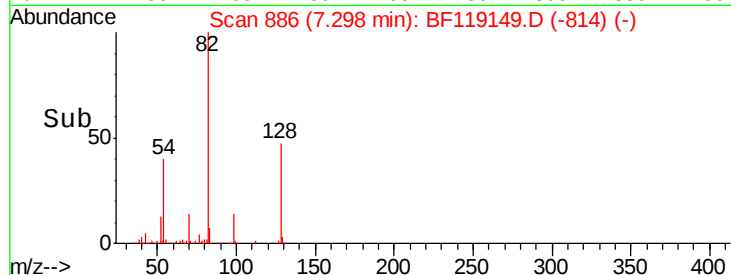
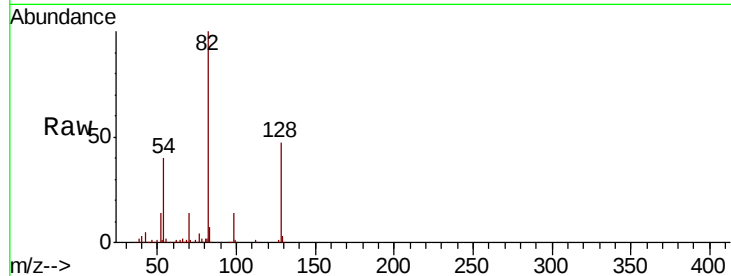
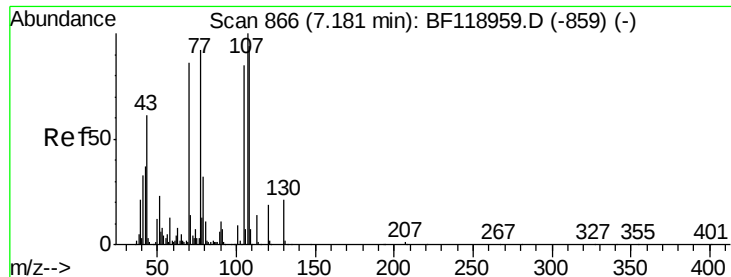
108 34.8 58.2 87.2#

77 104.7 51.2 76.8#



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

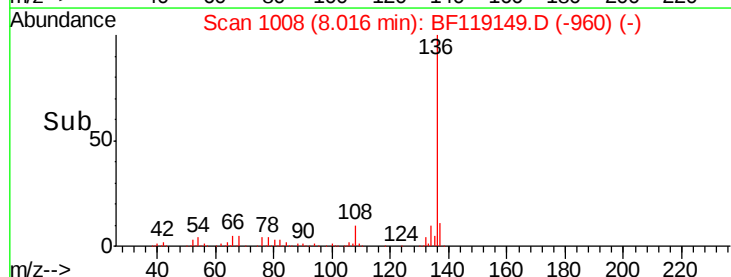
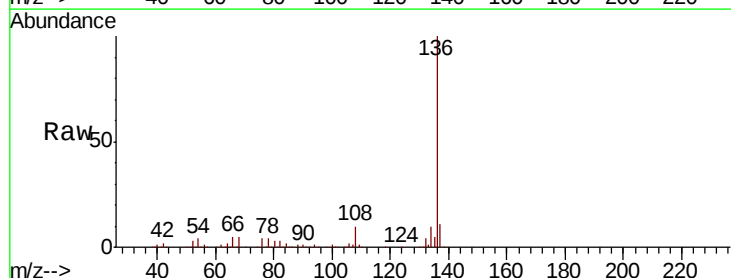
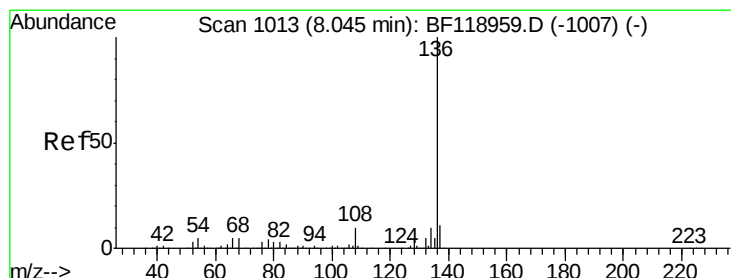
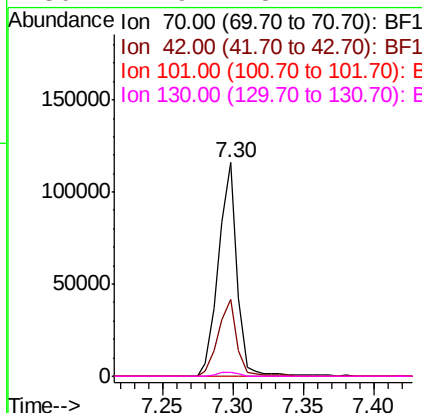




#19
n-Nitroso-di-n-propylamine
Concen: 20.811 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

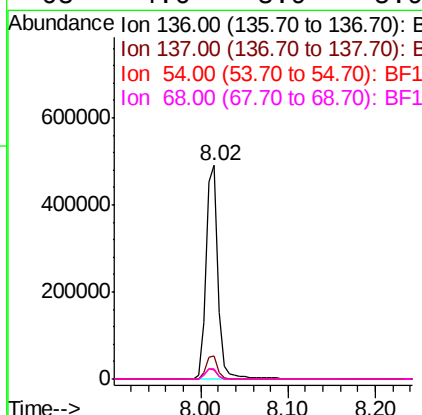
Instrument :
BNA_F
ClientSampleId :

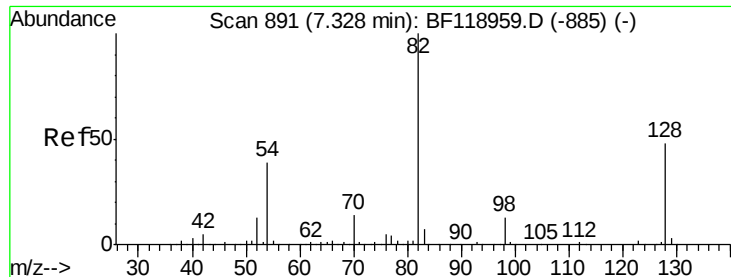
Tot Ion: 70 Resp: 106329
Ion Ratio Lower Upper
70 100
42 35.8 38.0 57.0#
101 0.0 8.2 12.4#
130 1.9 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

Tgt Ion: 136 Resp: 467116
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.5 3.8 5.6
68 4.6 3.9 5.9

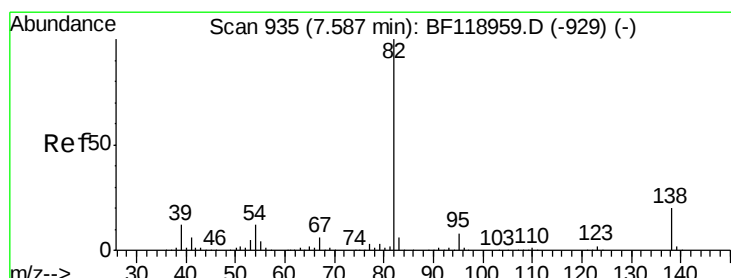
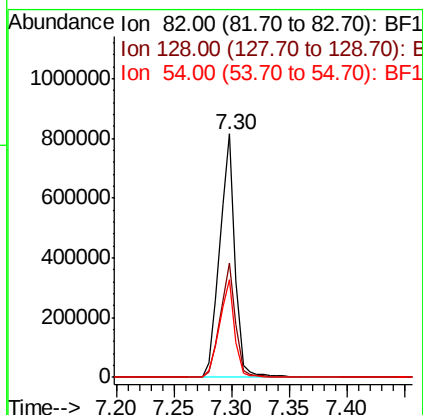
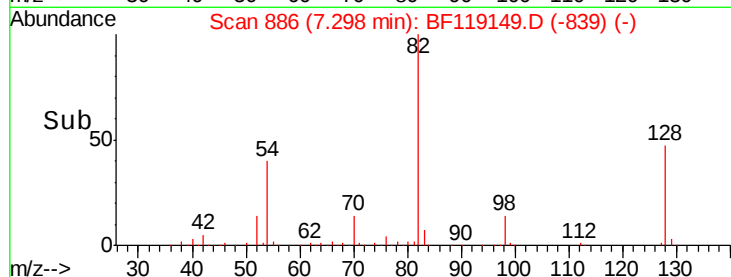
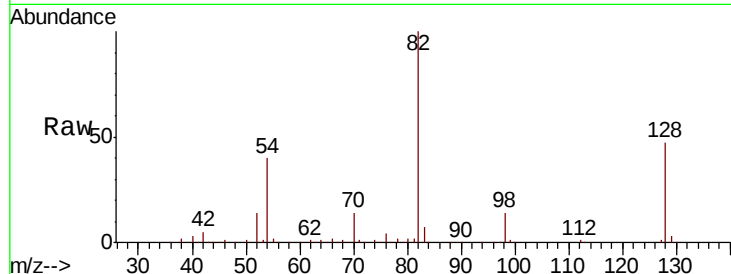




#23
Nitrobenzene-d5
Concen: 85.429 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

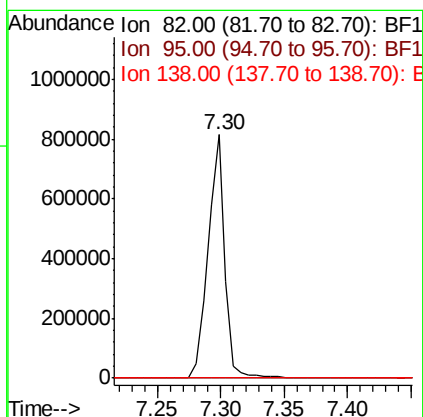
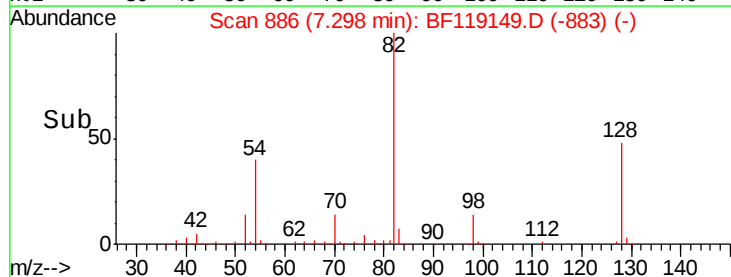
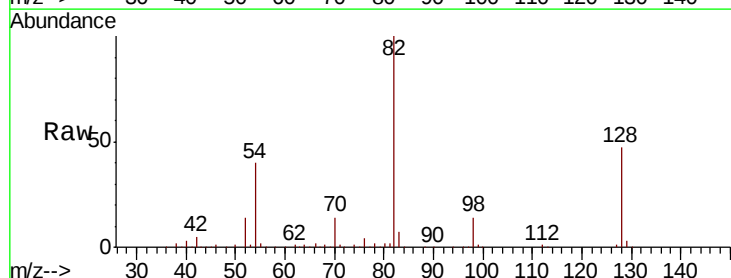
Instrument :
BNA_F
ClientSampleId :

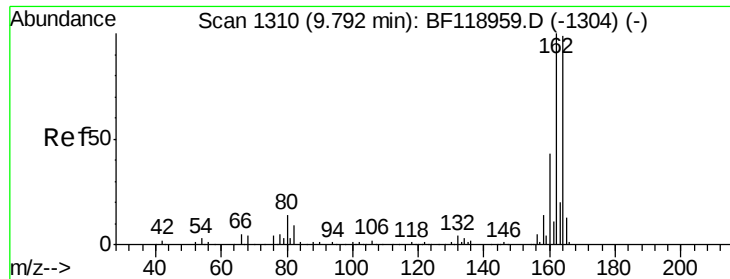
Tot Ion: 82 Resp: 755778
Ion Ratio Lower Upper
82 100
128 46.7 37.9 56.9
54 40.2 33.4 50.2



#25
Isophorone
Concen: 48.534 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

Tgt Ion: 82 Resp: 745695
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

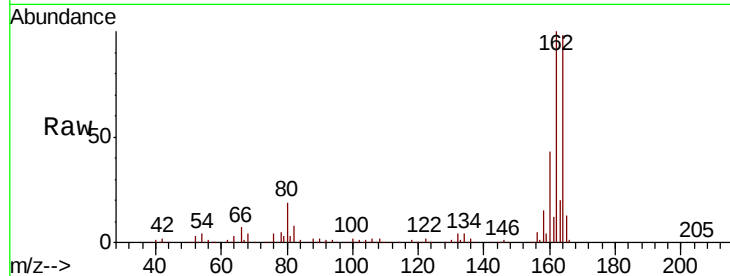




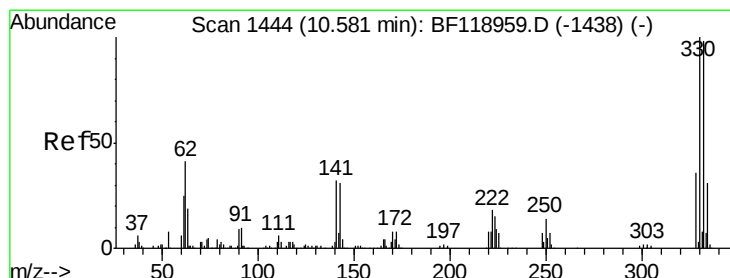
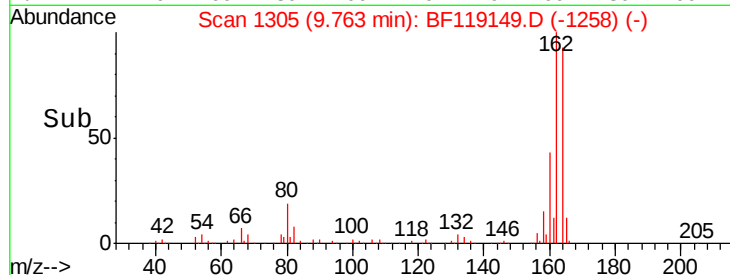
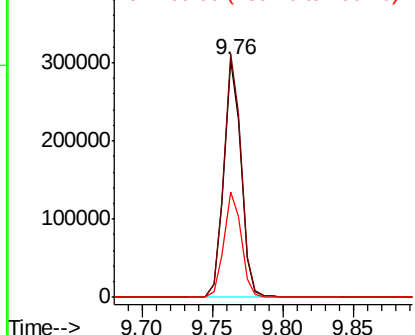
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 258450
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.8 122.8
 160 44.4 36.0 54.0

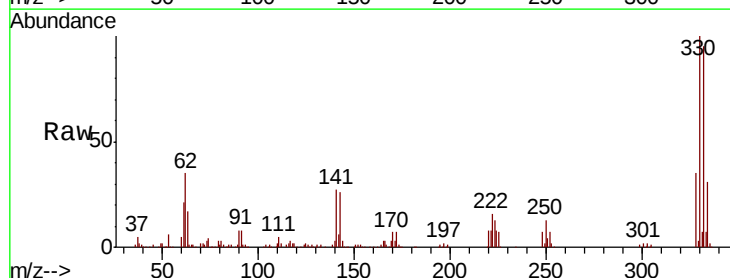


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

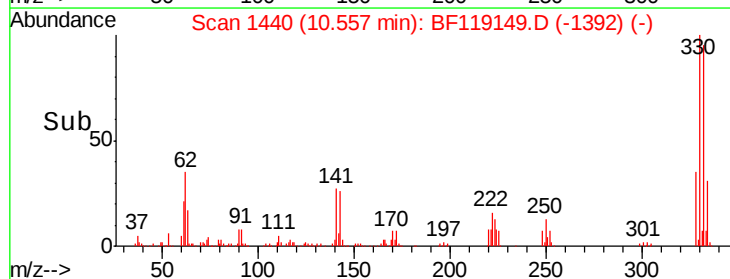
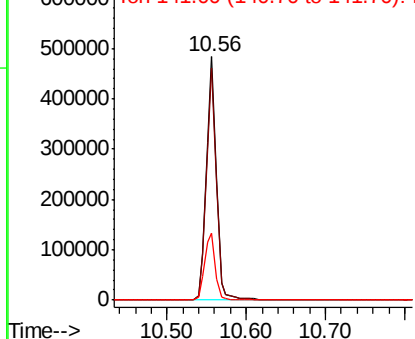


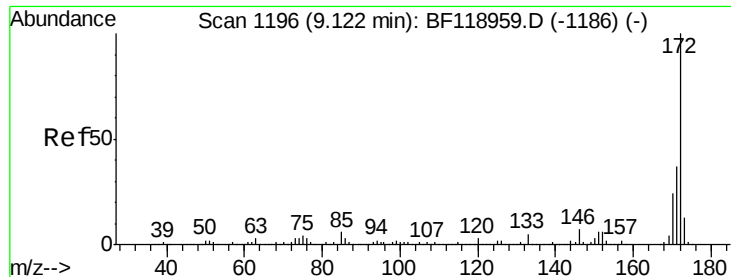
#42
 2,4,6-Tribromophenol
 Concen: 128.079 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Tgt Ion:330 Resp: 433030
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 29.6 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



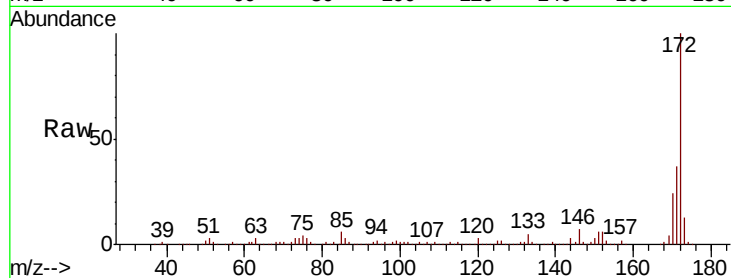


#45
 2-Fluorobiphenyl
 Concen: 82.957 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

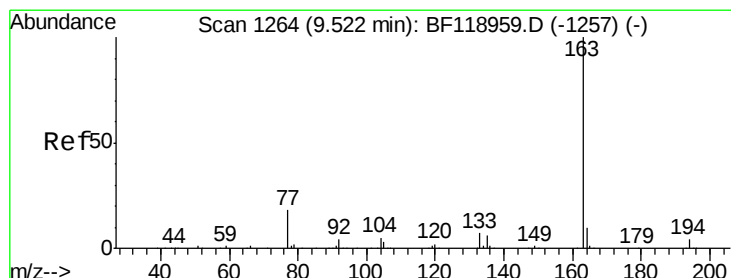
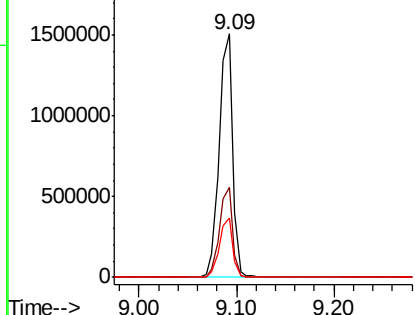
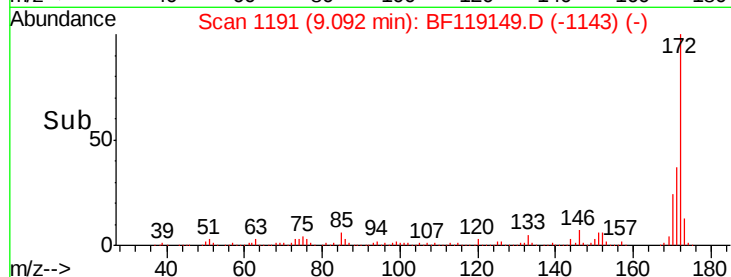
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1455376

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.4	20.2	30.2



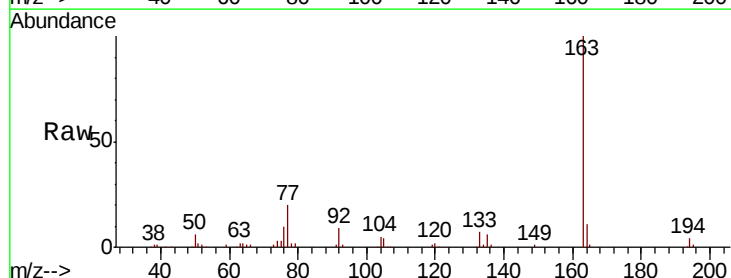
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



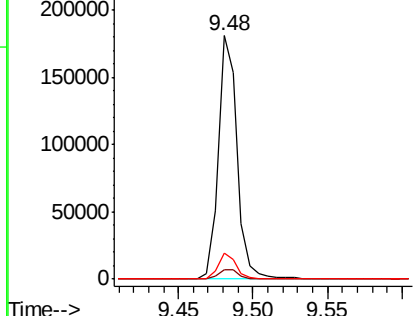
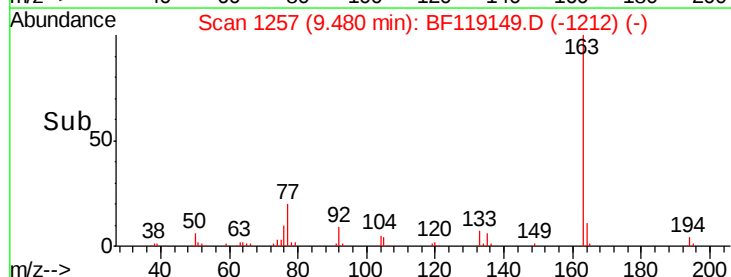
#50
 Dimethylphthalate
 Concen: 8.077 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

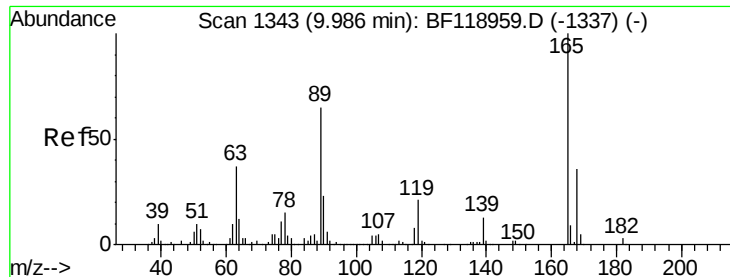
Tgt Ion:163 Resp: 159622

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.6	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

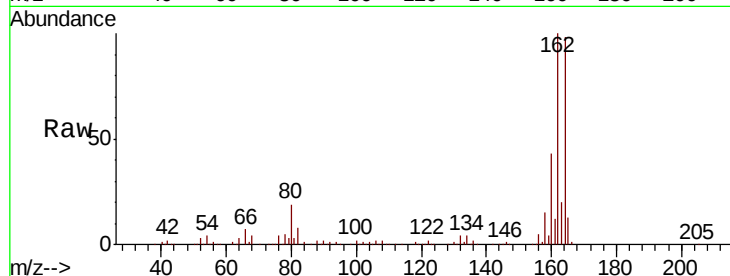




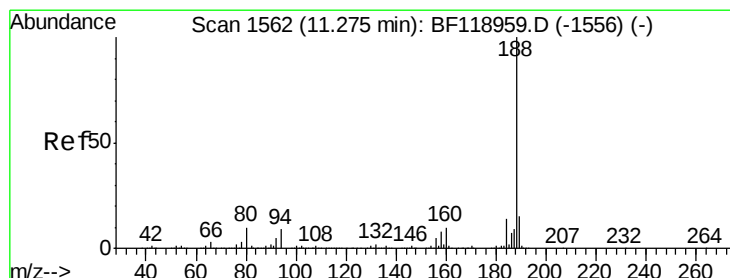
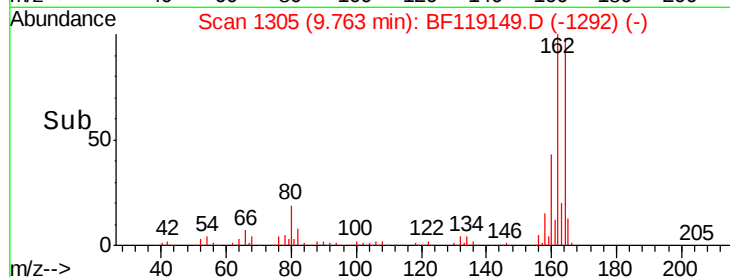
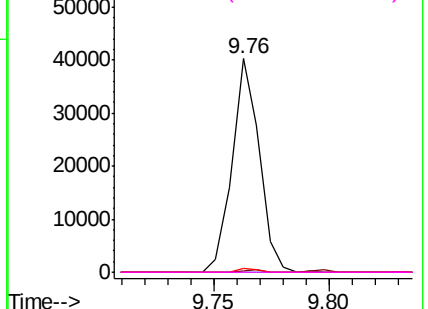
#57
 2,4-Dinitrotoluene
 Concen: 5.788 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#

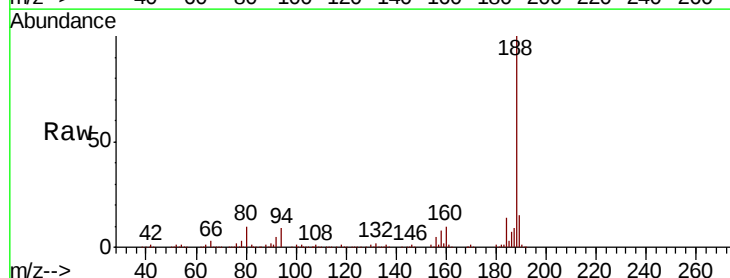


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

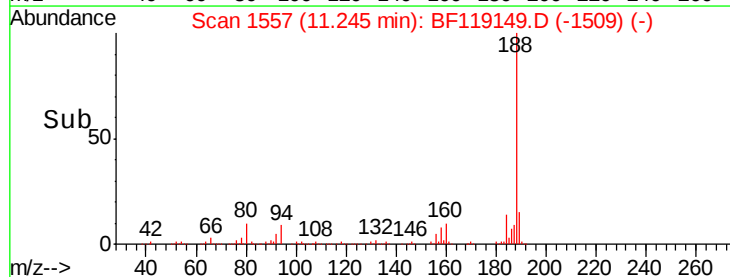
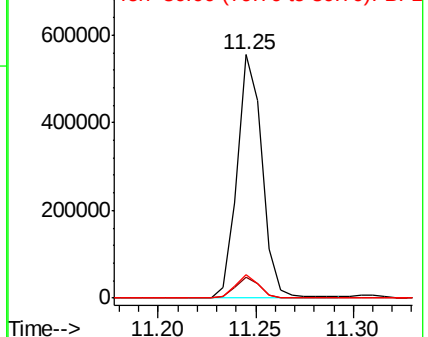


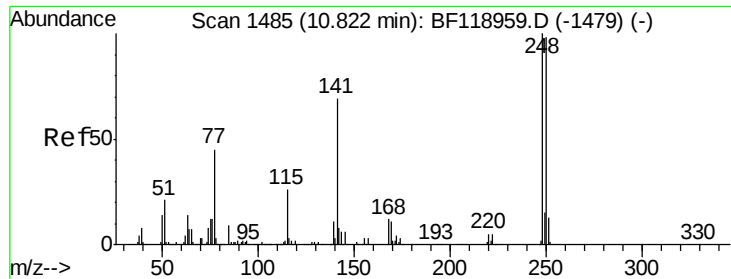
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119149.D
 Acq: 29 Feb 2020 00:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	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

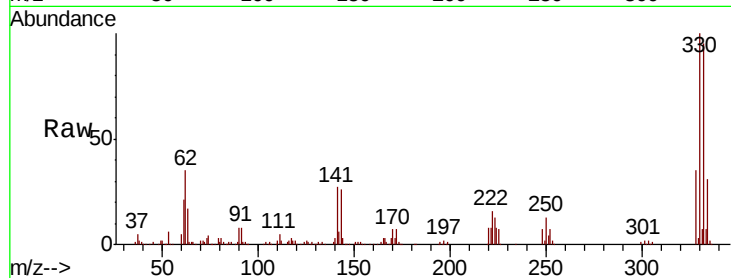




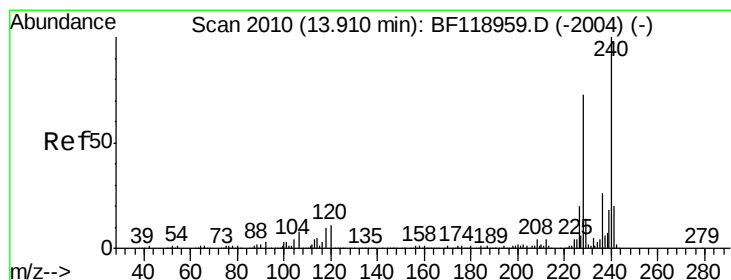
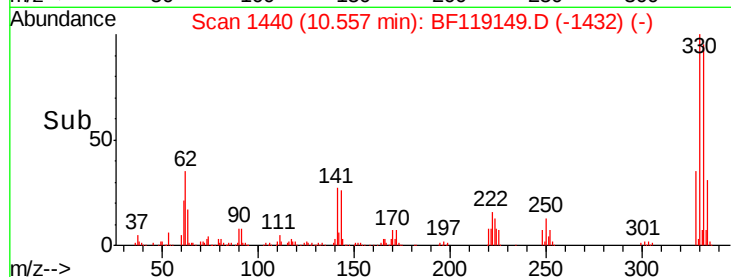
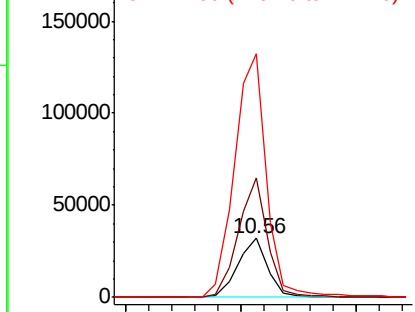
#67
4-Bromophenyl-phenylether
Concen: 4.455 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28722
Ion Ratio Lower Upper
248 100
250 201.1 76.7 115.1#
141 410.9 60.7 91.1#

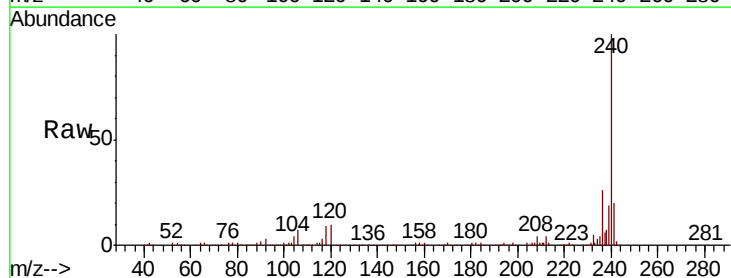


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

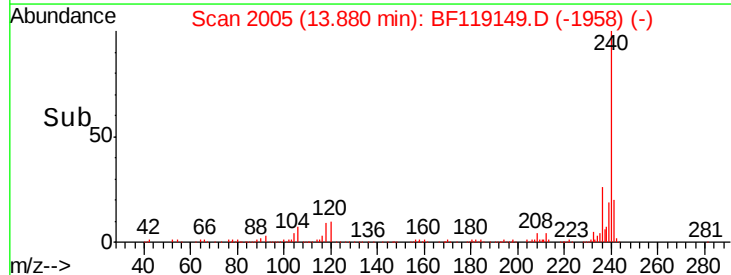
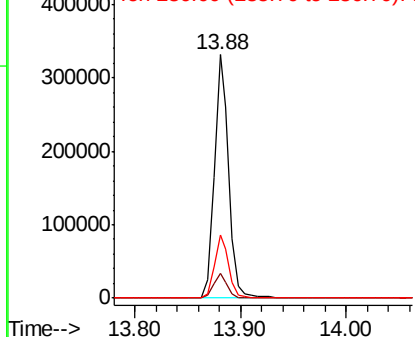


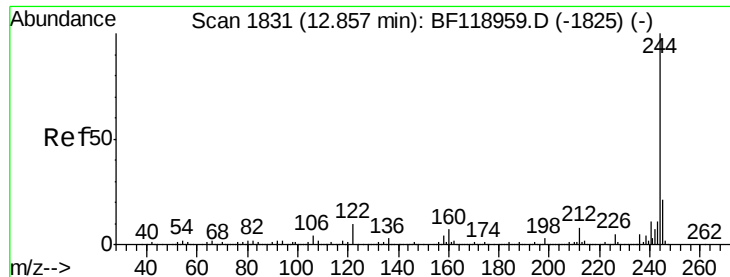
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119149.D
Acq: 29 Feb 2020 00:16

Tgt Ion:240 Resp: 317785
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.8 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: 98.307 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119149.D

Acq: 29 Feb 2020 00:16

Instrument :

BNA_F

ClientSampled :

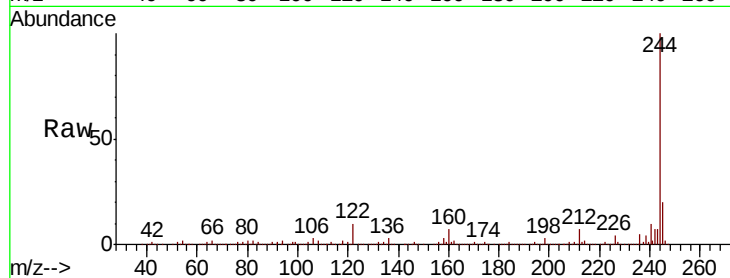
Tot Ion:244 Resp: 1814546

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

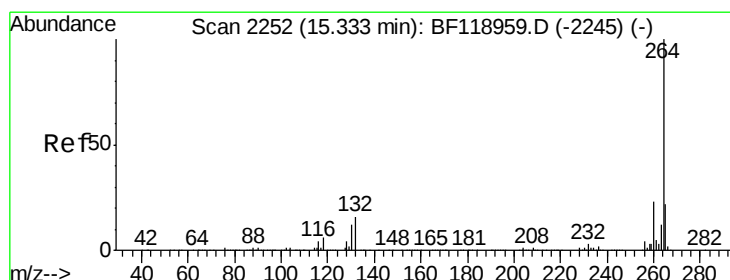
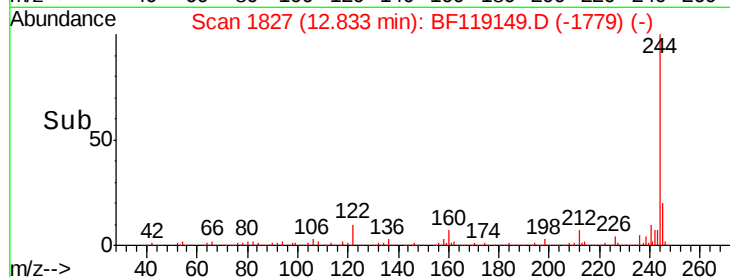
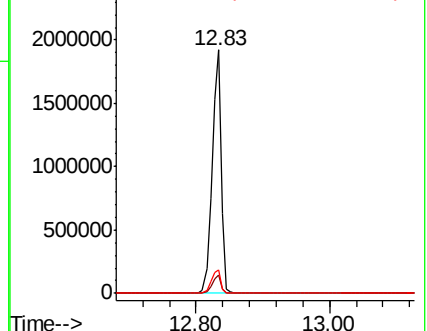
122 9.5 8.2 12.2



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: BF119149.D

Acq: 29 Feb 2020 00:16

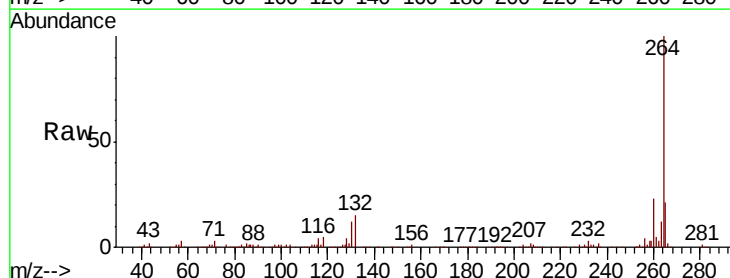
Tgt Ion:264 Resp: 337347

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.1 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

