

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119375.D
 Acq On : 12 Mar 2020 11:53
 Operator : CG/JU
 Sample : L1864-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:32 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	114433	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	396598	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	224480	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	492823	20.00	ng	0.00
76) Chrysene-d12	13.89	240	346159	20.00	ng	0.00
87) Perylene-d12	15.33	264	335800	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	797924	116.53	ng	0.01
7) Phenol-d6	6.38	99	776273	93.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	754328	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	447049	152.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1347264	88.42	ng	0.00
79) Terphenyl-d14	12.83	244	2058261	102.37	ng	0.00

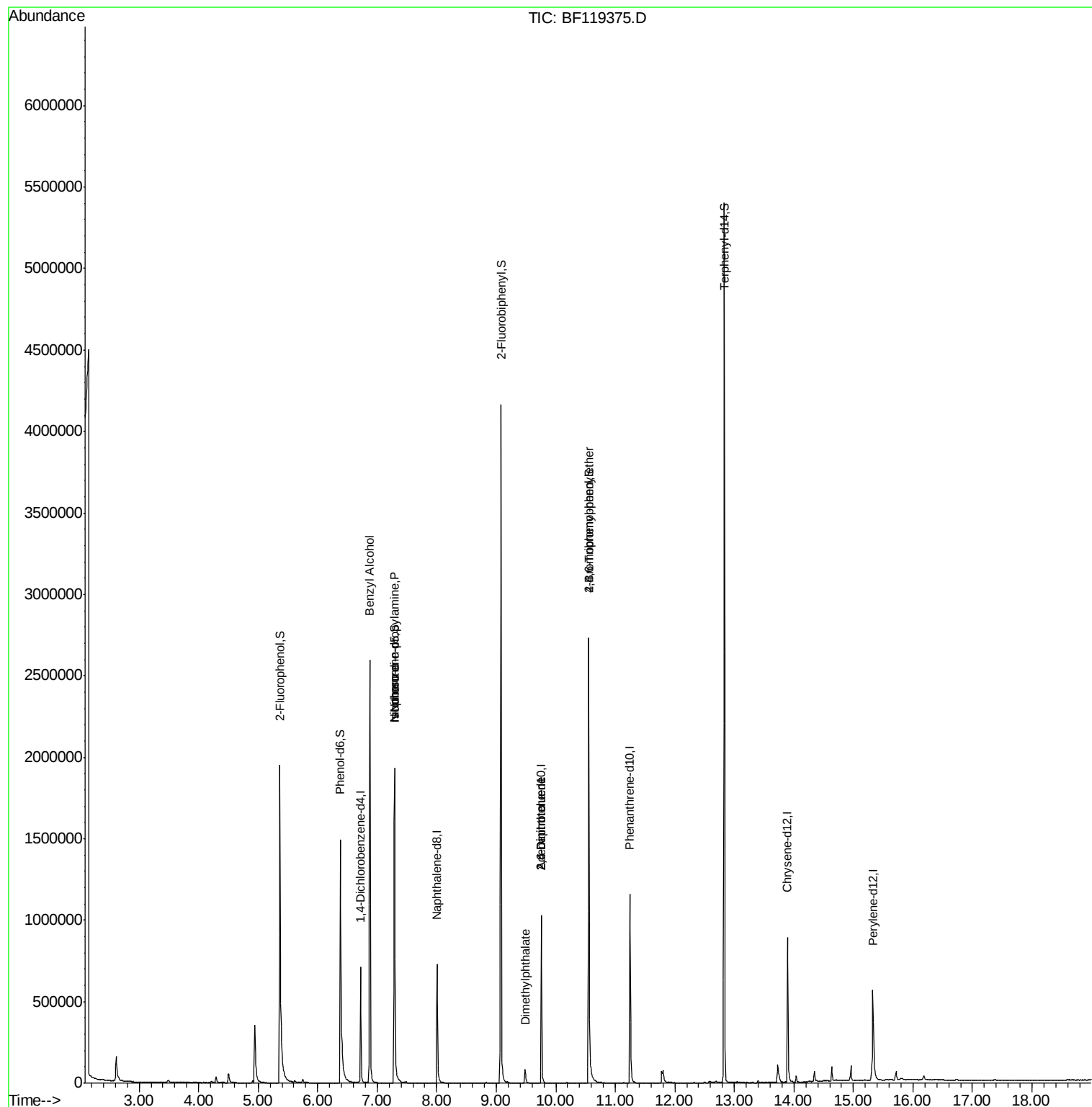
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.87	79	12765	2.121	ng	# 58
19) n-Nitroso-di-n-propylamine	7.29	70	104764	21.589	ng	# 75
25) Isophorone	7.29	82	754328	57.825	ng	# 63
50) Dimethylphthalate	9.49	163	51612	3.007	ng	# 97
51) 2,6-Dinitrotoluene	9.76	165	28801	7.552	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28801	5.826	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	29073	4.513	ng	# 1

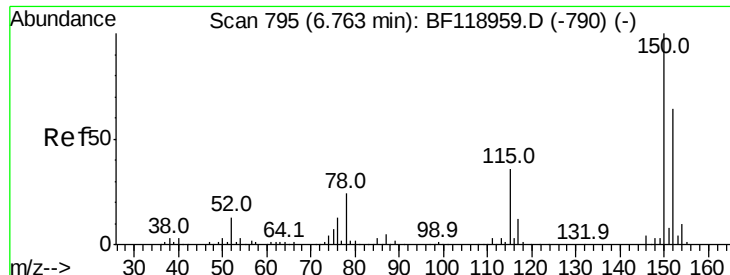
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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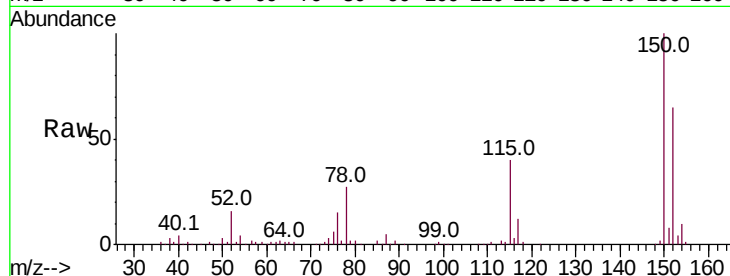


#1

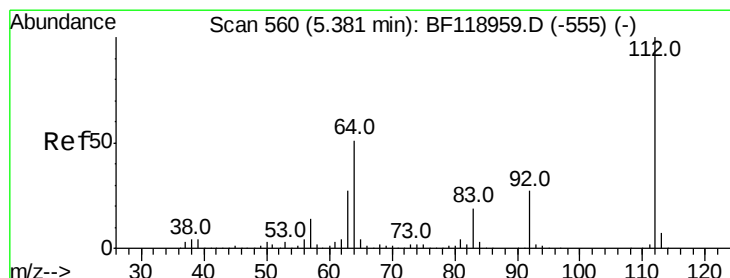
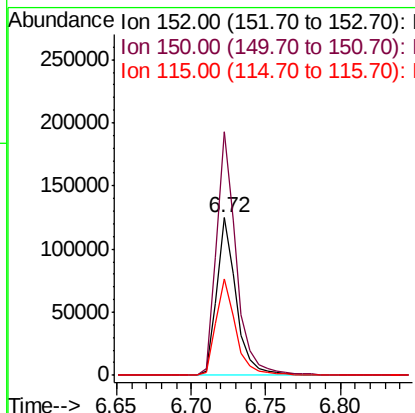
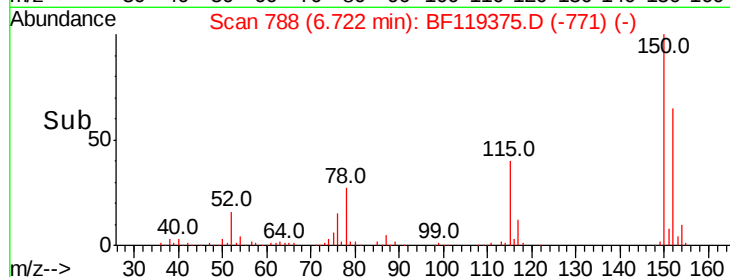
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 114433
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.6
 115 61.6 49.5 74.3



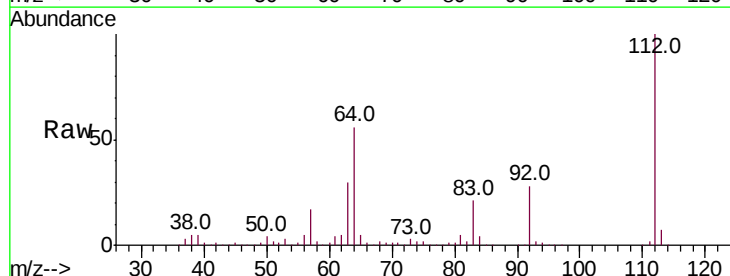
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



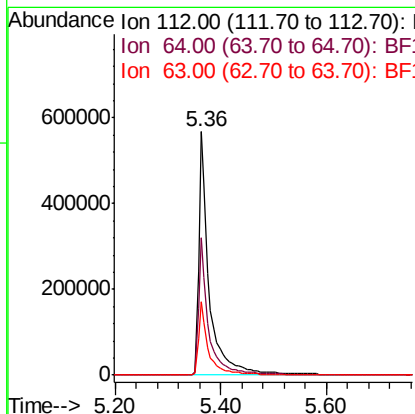
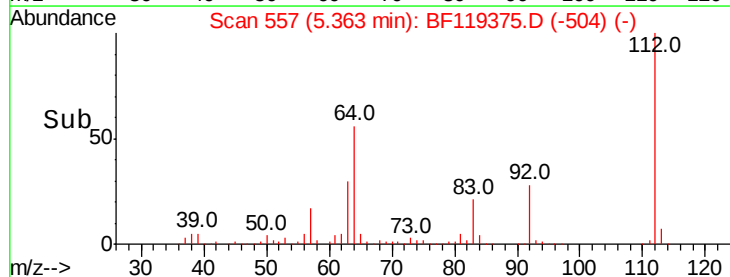
#5

2-Fluorophenol
 Concen: 116.529 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt Ion:112 Resp: 797924
 Ion Ratio Lower Upper
 112 100
 64 56.2 45.0 67.4
 63 30.3 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: 93.215 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

Instrument :

BNA_F

ClientSampleId :

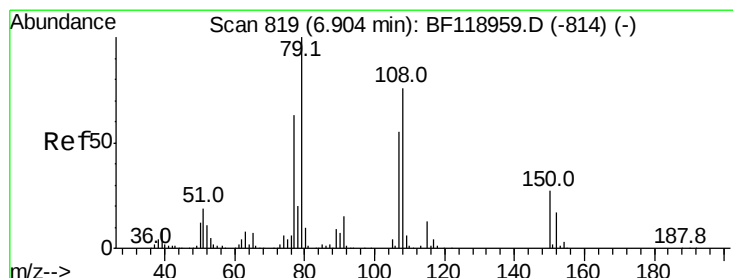
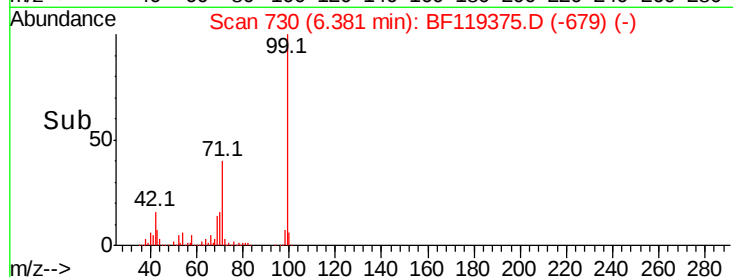
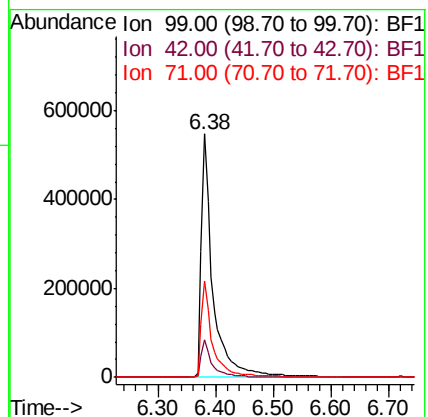
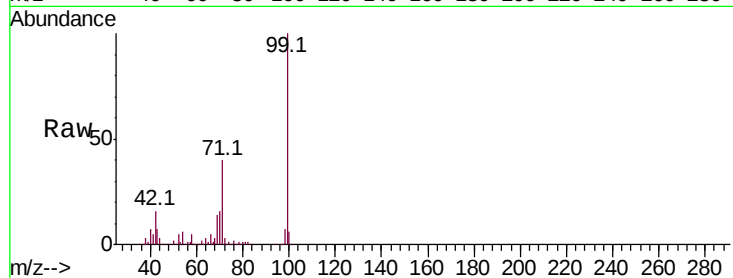
Tot Ion: 99 Resp: 776273

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

71 39.8 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.121 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

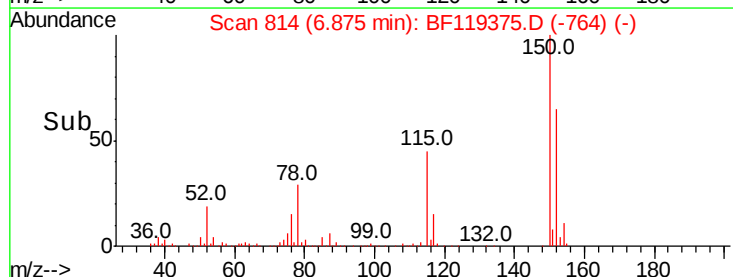
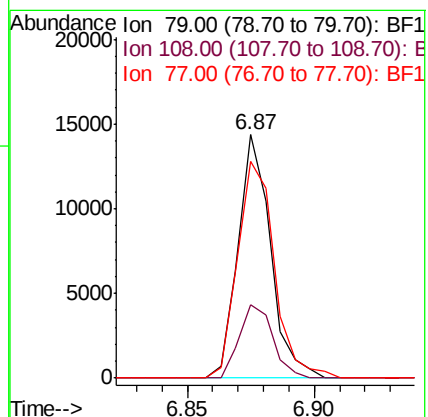
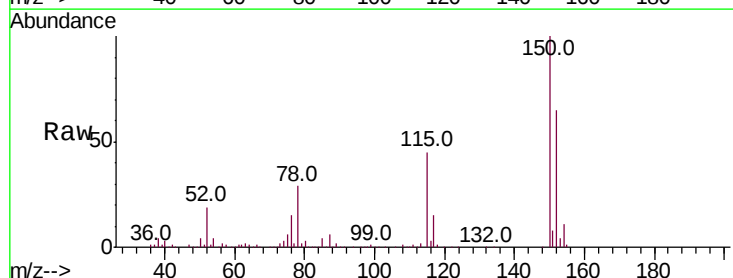
Tgt Ion: 79 Resp: 12765

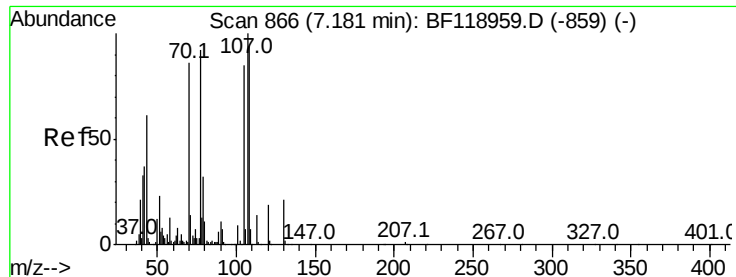
Ion Ratio Lower Upper

79 100

108 30.1 58.2 87.2#

77 89.2 51.2 76.8#

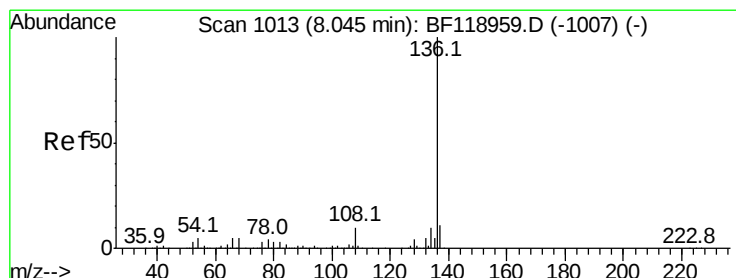
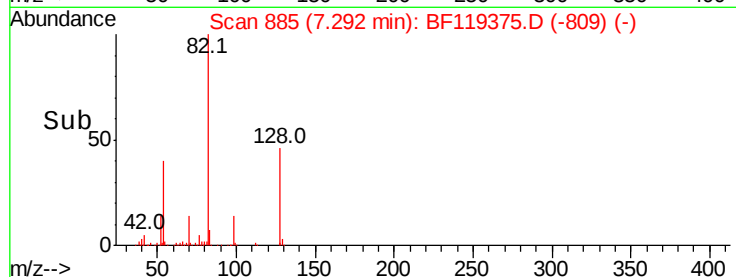
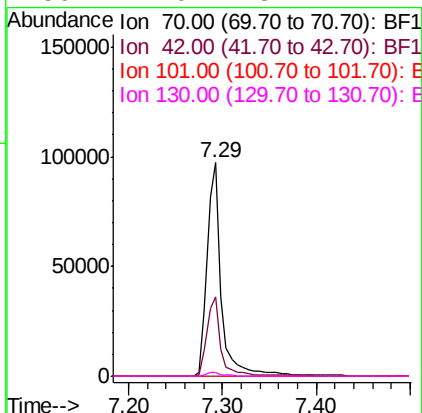
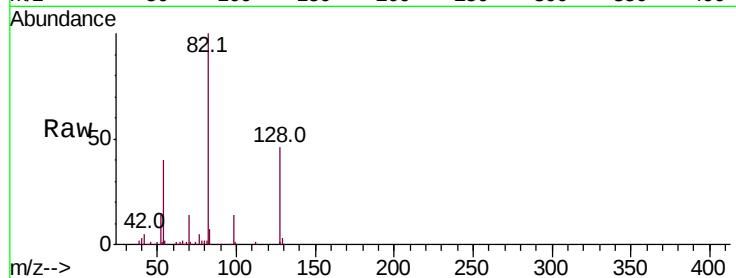




#19
n-Nitroso-di-n-propylamine
Concen: 21.589 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

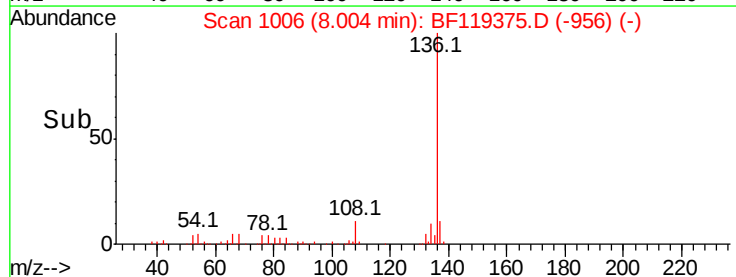
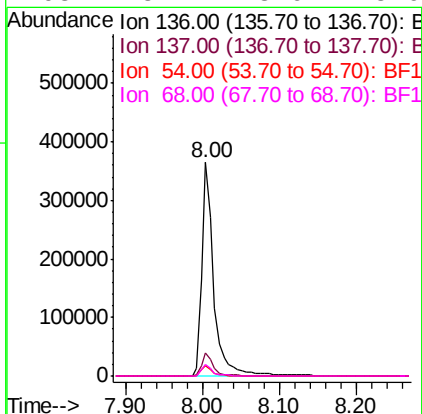
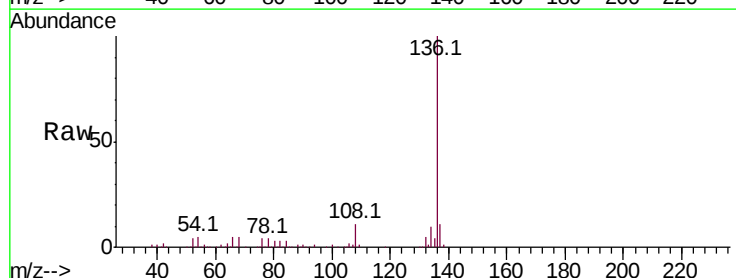
Instrument :
BNA_F
ClientSampleId :

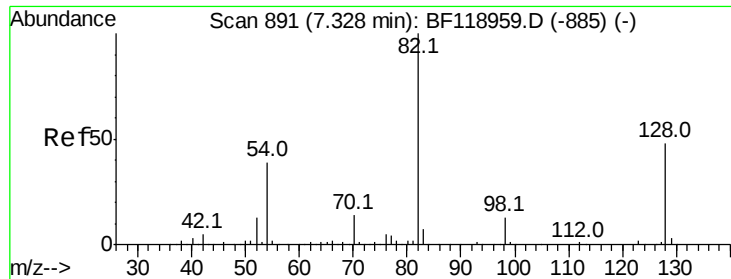
Tot Ion: 70 Resp: 104764
Ion Ratio Lower Upper
70 100
42 37.3 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119375.D
Acq: 12 Mar 2020 11:53

Tgt Ion: 136 Resp: 396598
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.9 3.8 5.6
68 5.4 3.9 5.9

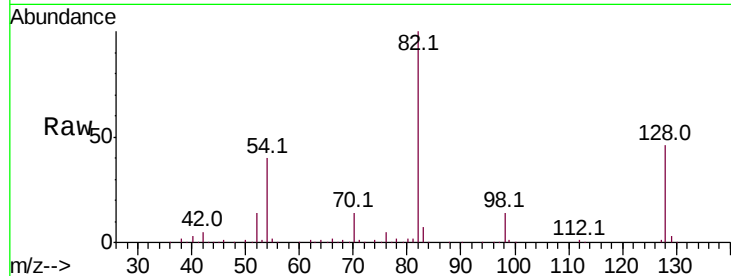




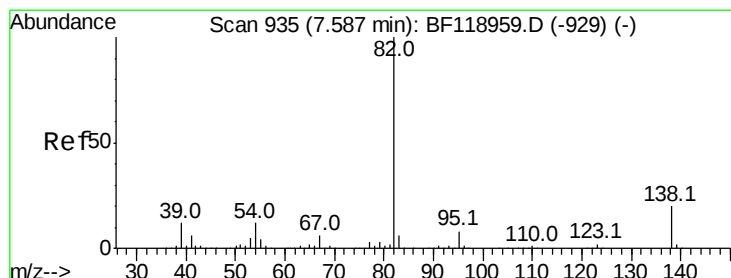
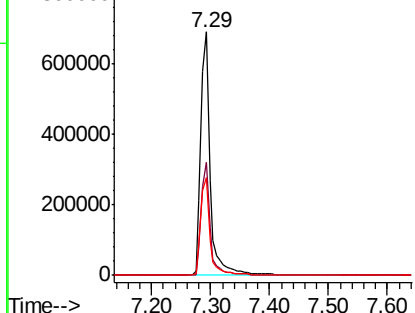
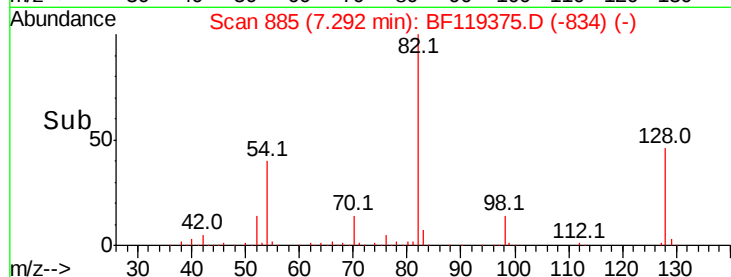
#23
 Nitrobenzene-d5
 Concen: 100.425 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.9	56.9
54	40.0	33.4	50.2

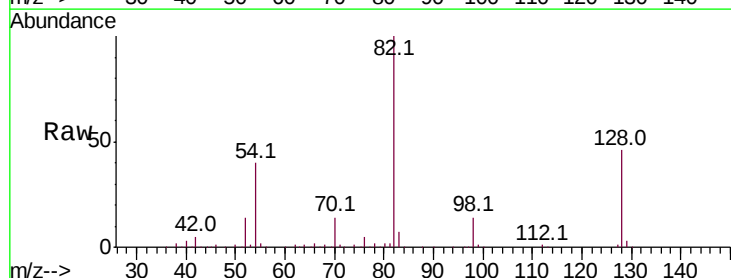


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

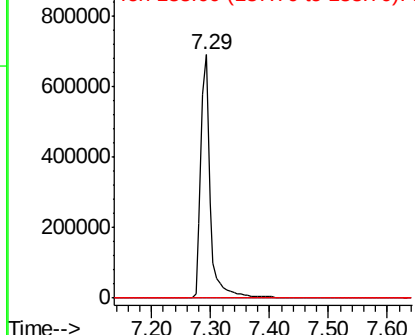
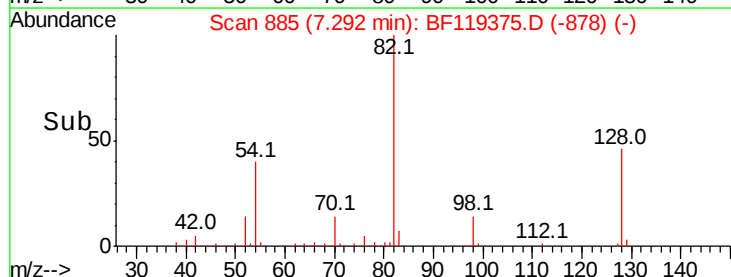


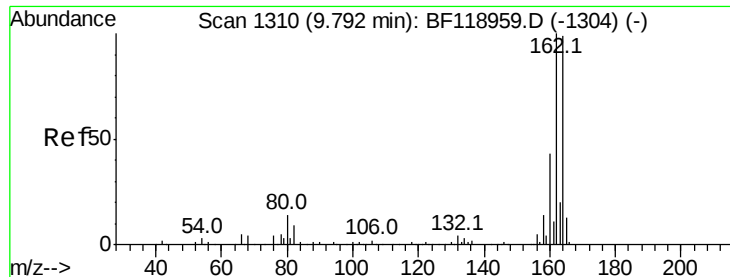
#25
 Isophorone
 Concen: 57.825 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt 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

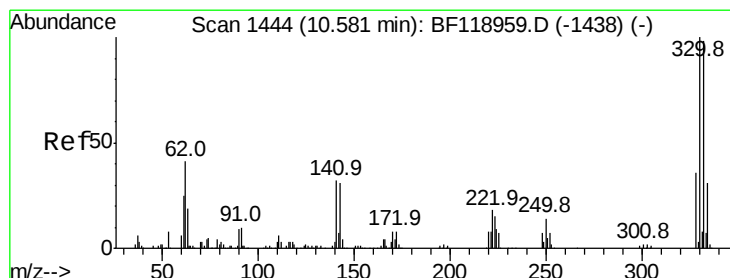
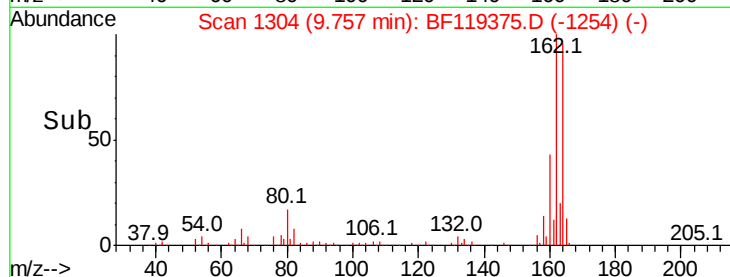
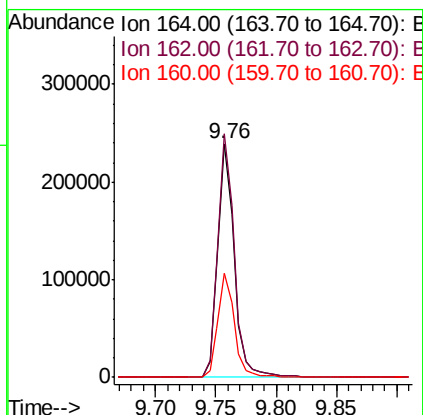
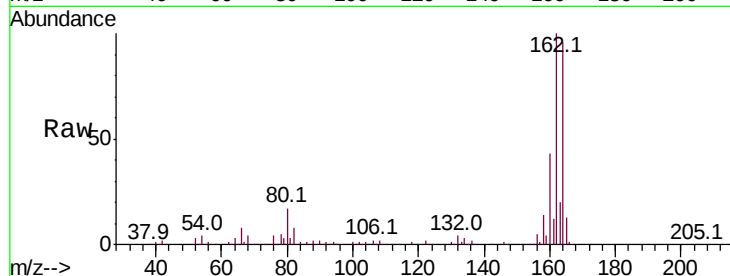




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

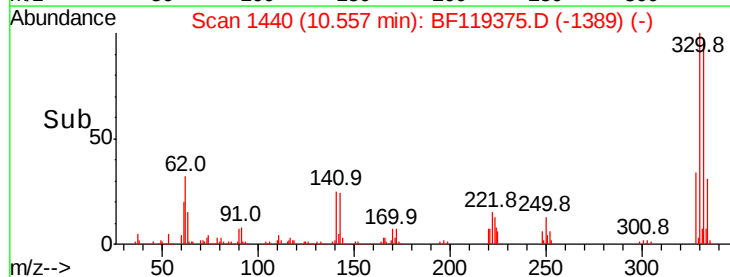
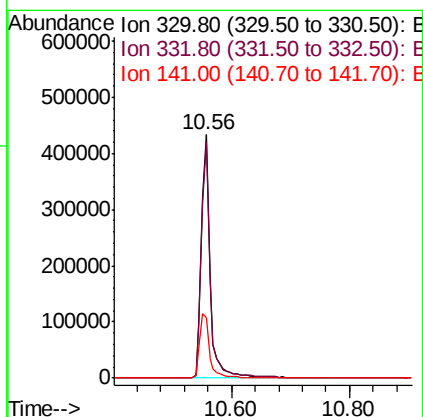
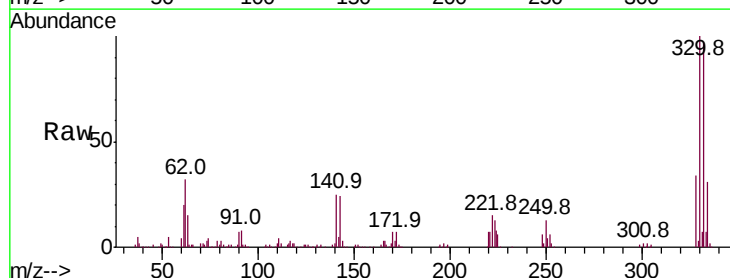
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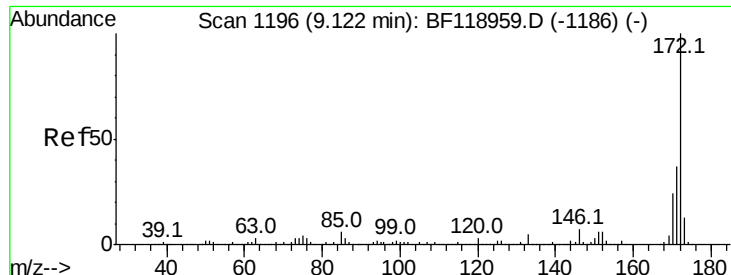
Tot Ion:164 Resp: 224480
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.8 122.8
 160 44.5 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 152.235 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt Ion:330 Resp: 447049
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 30.2 22.9 34.3



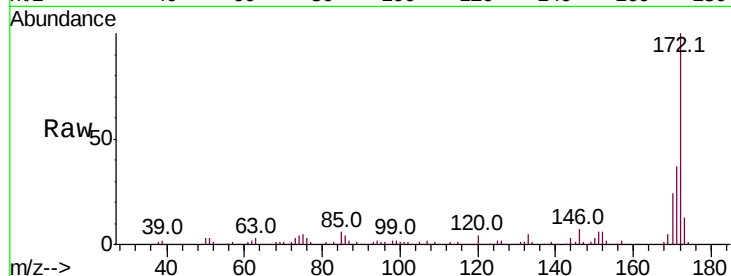


#45
 2-Fluorobiphenyl
 Concen: 88.416 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

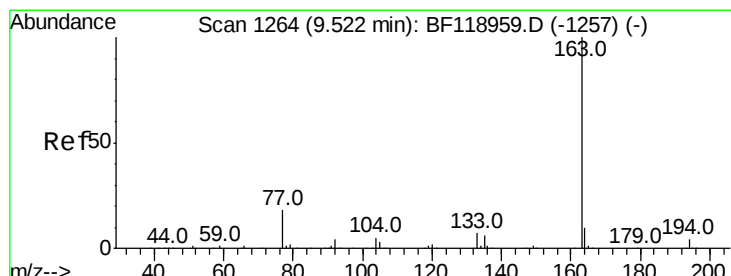
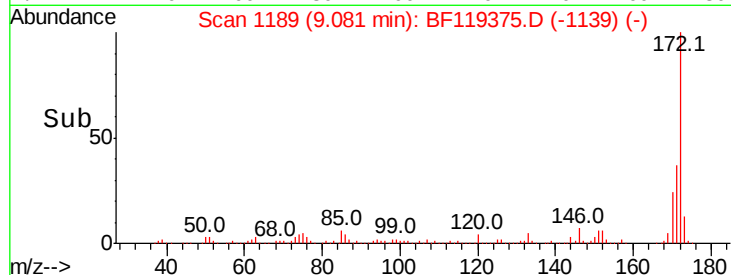
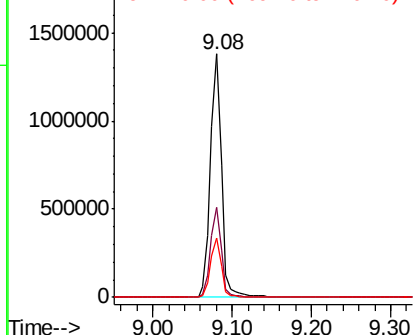
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1347264

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.2	20.2	30.2



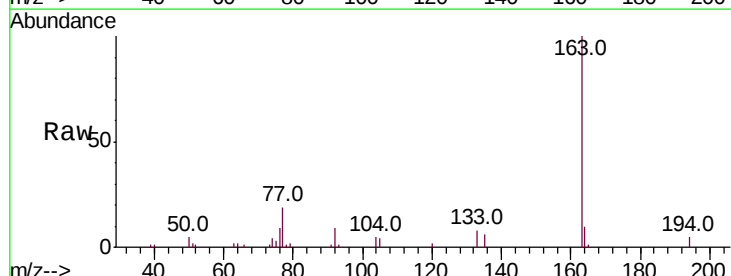
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



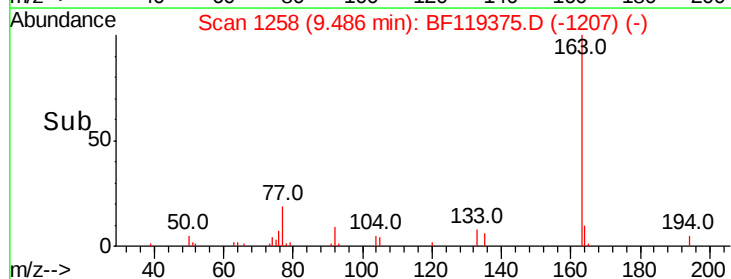
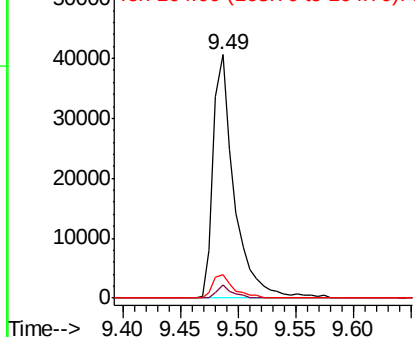
#50
 Dimethylphthalate
 Concen: 3.007 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

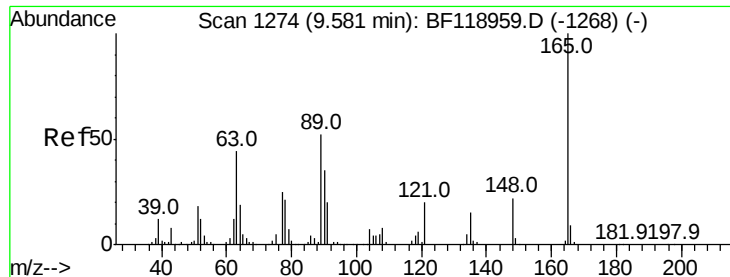
Tgt Ion:163 Resp: 51612

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.5	5.3#
164	9.6	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

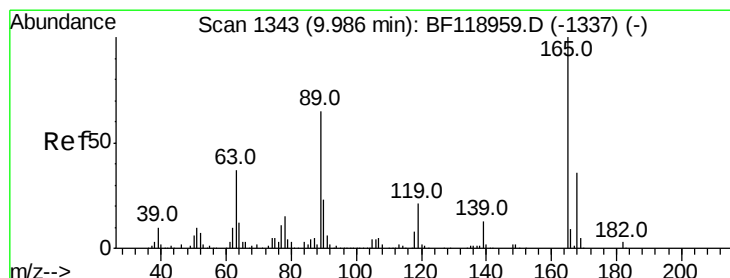
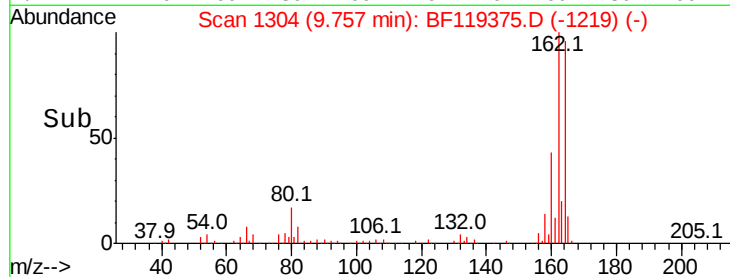
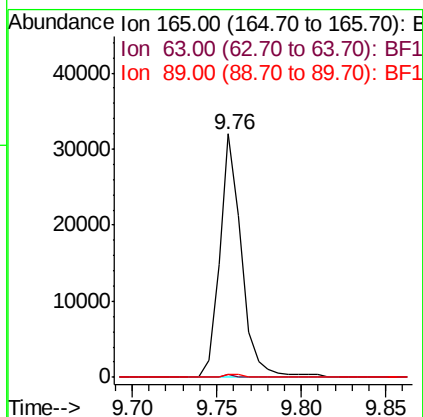
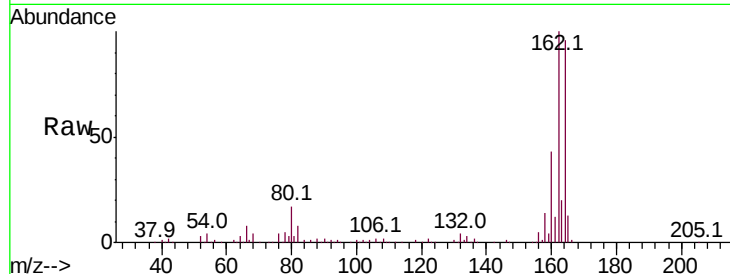




#51
 2,6-Dinitrotoluene
 Concen: 7.552 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

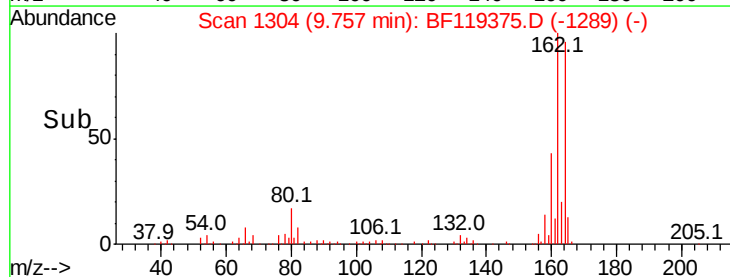
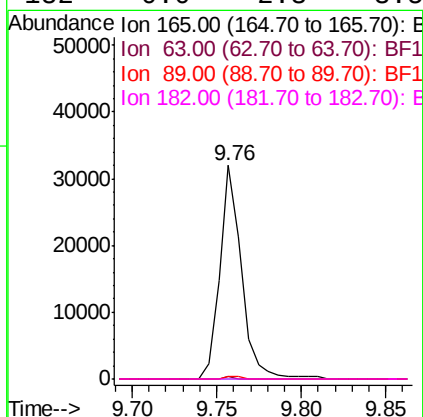
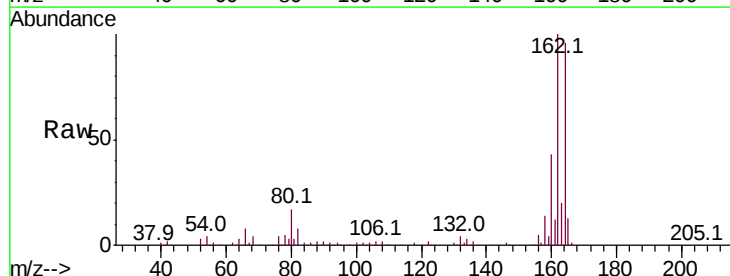
Instrument :
 BNA_F
 ClientSampleId :

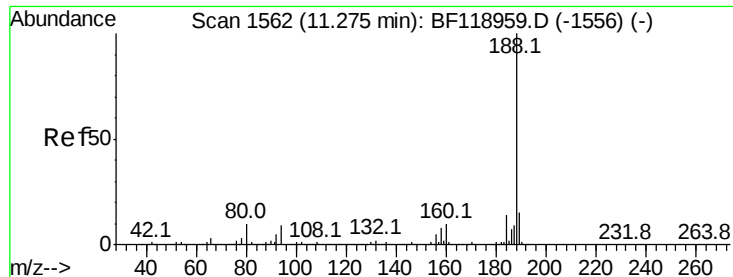
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.4	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

Instrument :

BNA_F

ClientSampleId :

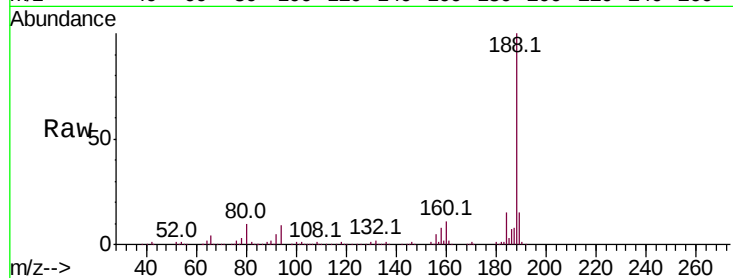
Tot Ion:188 Resp: 492823

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.5 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

600000

500000

400000

300000

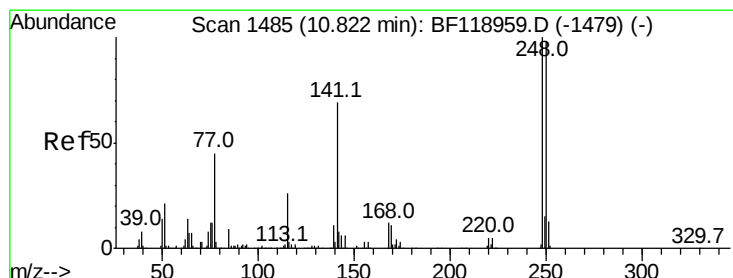
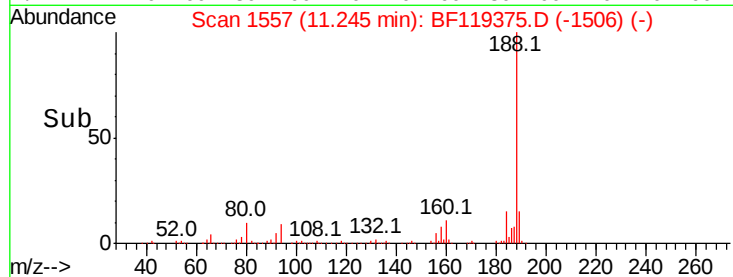
200000

100000

0

11.20 11.30 11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.513 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.23 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

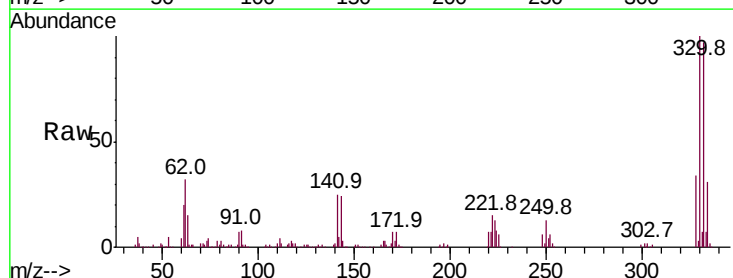
Tgt Ion:248 Resp: 29073

Ion Ratio Lower Upper

248 100

250 205.9 76.7 115.1#

141 404.1 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

150000

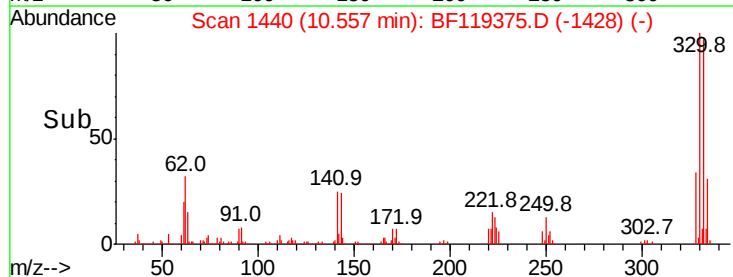
100000

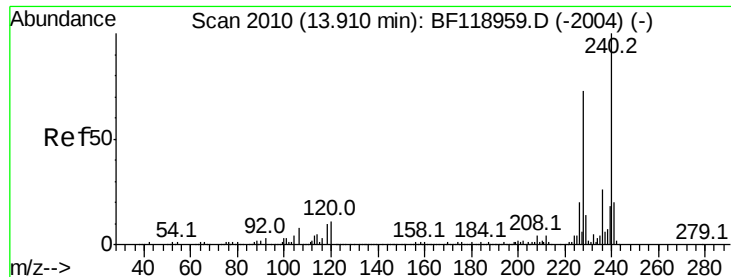
50000

0

10.50 10.55 10.60

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

Instrument :

BNA_F

ClientSampleId :

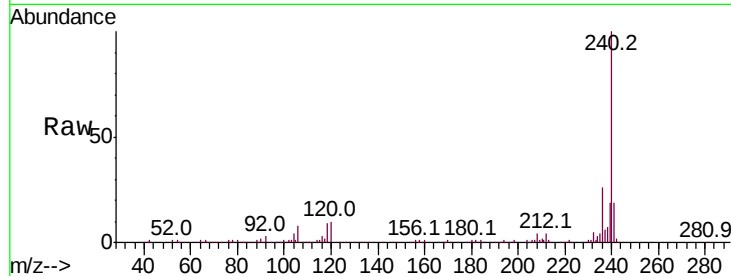
Tot Ion:240 Resp: 346159

Ion Ratio Lower Upper

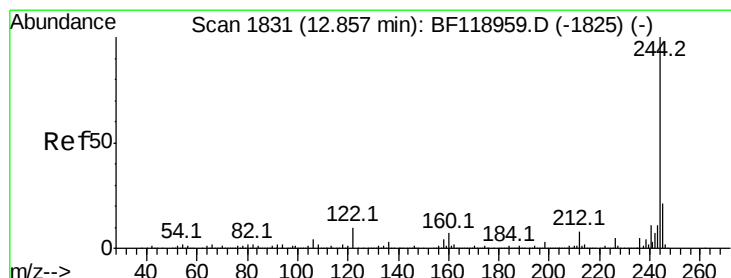
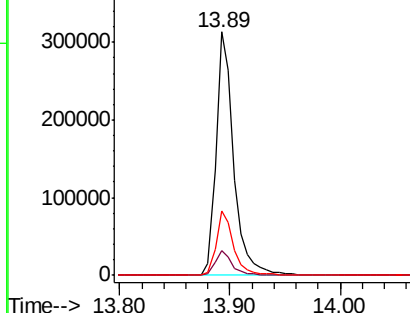
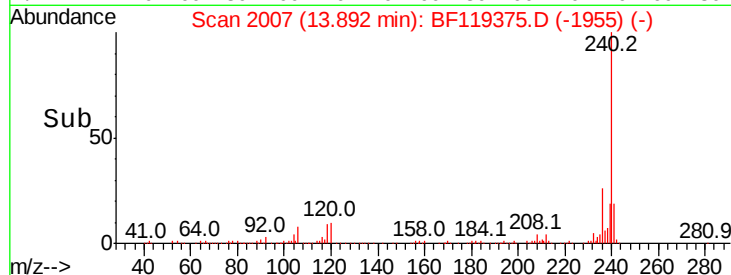
240 100

120 10.3 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: 102.371 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119375.D

Acq: 12 Mar 2020 11:53

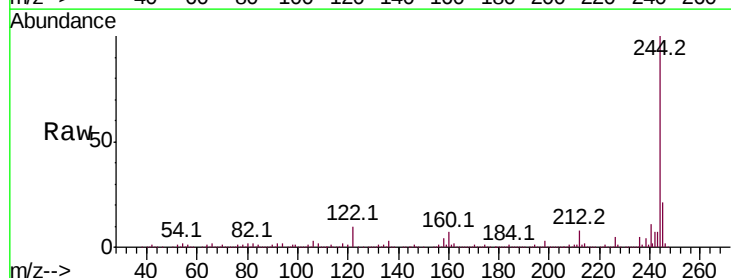
Tgt Ion:244 Resp: 2058261

Ion Ratio Lower Upper

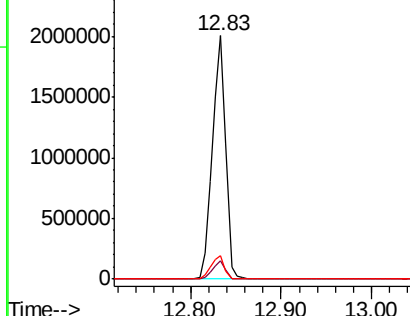
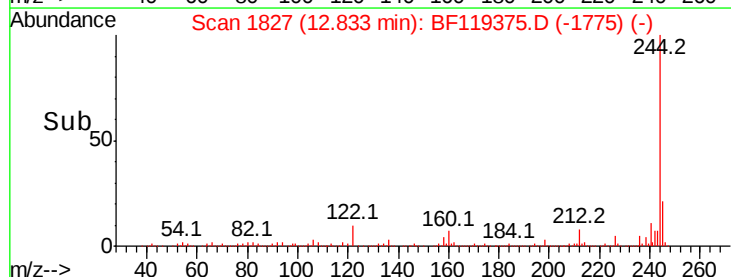
244 100

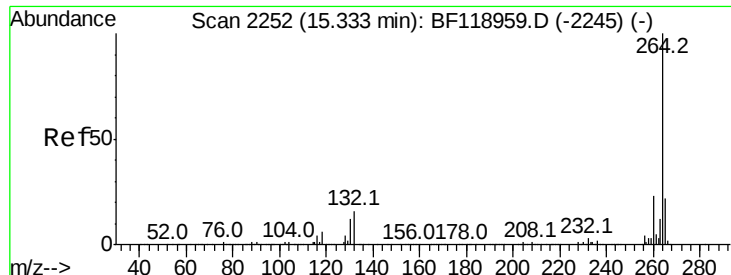
212 7.7 6.6 10.0

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

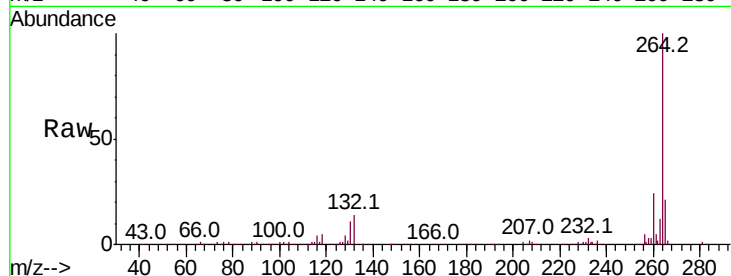




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119375.D
 Acq: 12 Mar 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

