

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119485.D
 Acq On : 24 Mar 2020 11:37
 Operator : CG/JU
 Sample : PB127731BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BL

Quant Time: Mar 24 12:16:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

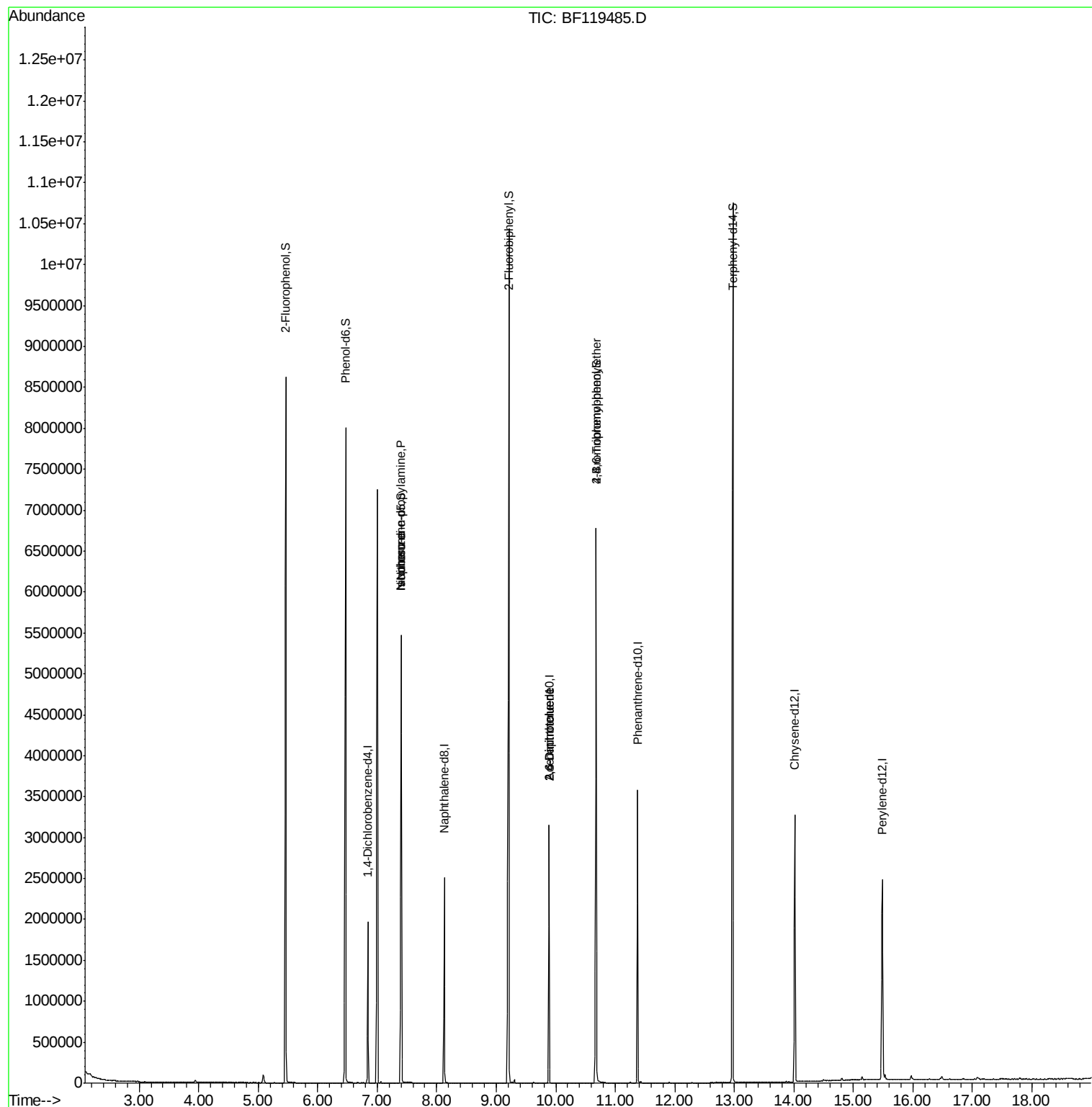
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	300248	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1141512	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	604784	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1228841	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1091985	20.00	ng	-0.02
87) Perylene-d12	15.49	264	1129477	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2462259	130.55	ng	0.00
7) Phenol-d6	6.47	99	3051800	126.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	1957271	93.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	935975	150.01	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3653636	89.50	ng	-0.01
79) Terphenyl-d14	12.97	244	4471211	80.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	259681	17.881	ng	# 73
25) Isophorone	7.40	82	1950665	45.783	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	78007	8.472	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	78007	6.725	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	54879	3.921	ng	# 1

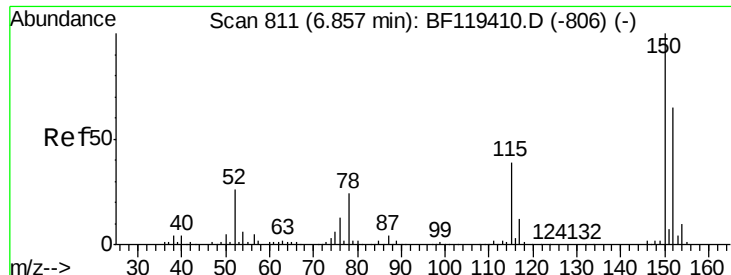
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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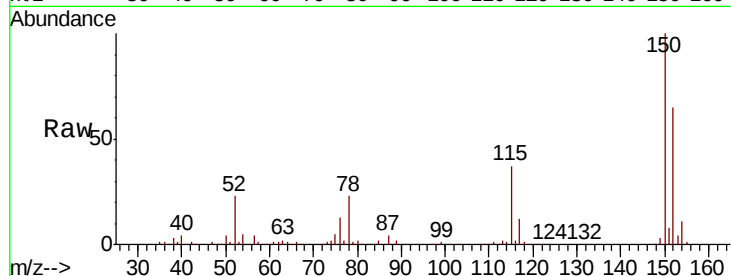


#1

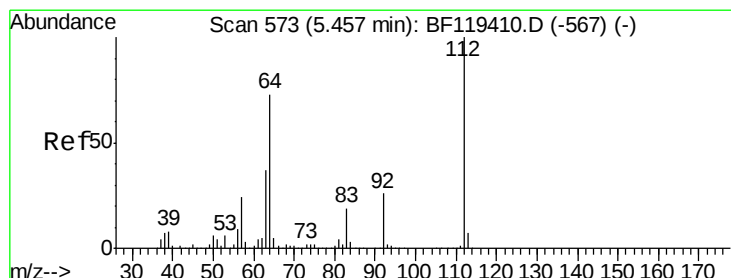
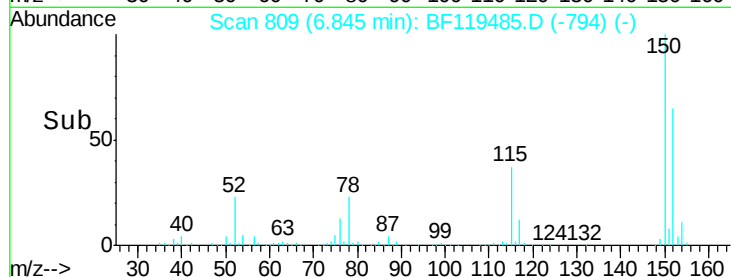
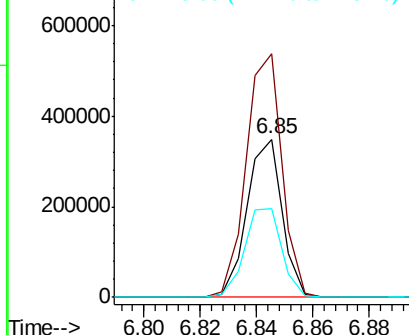
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127731BL

Tot Ion:152 Resp: 300248
Ion Ratio Lower Upper
152 100
150 153.6 123.9 185.9
115 56.3 47.8 71.6



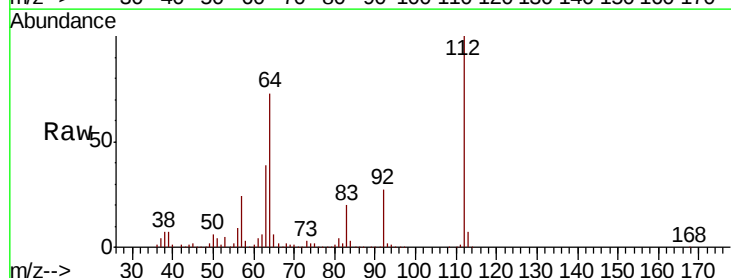
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



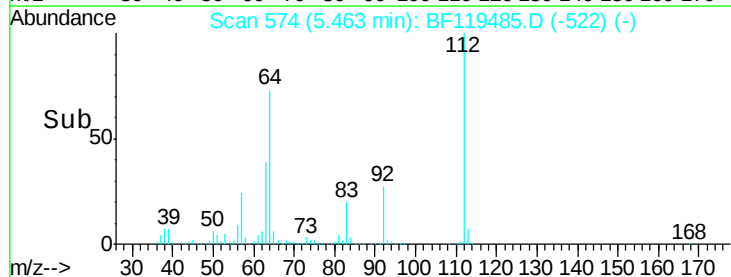
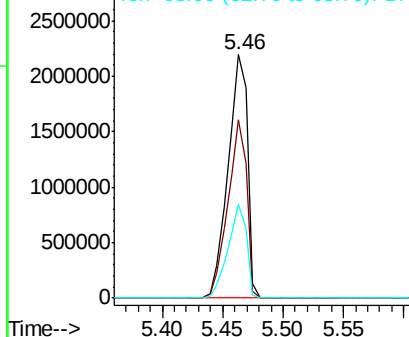
#5

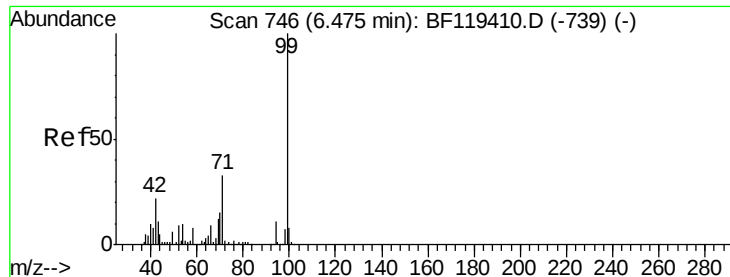
2-Fluorophenol
Concen: 130.548 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Tgt Ion:112 Resp: 2462259
Ion Ratio Lower Upper
112 100
64 73.2 58.1 87.1
63 38.7 29.7 44.5



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: 126.665 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127731BL

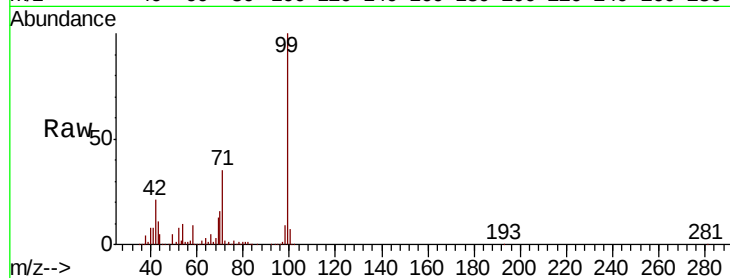
Tot Ion: 99 Resp: 3051800

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

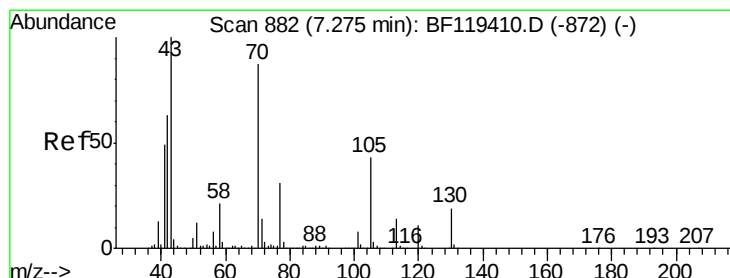
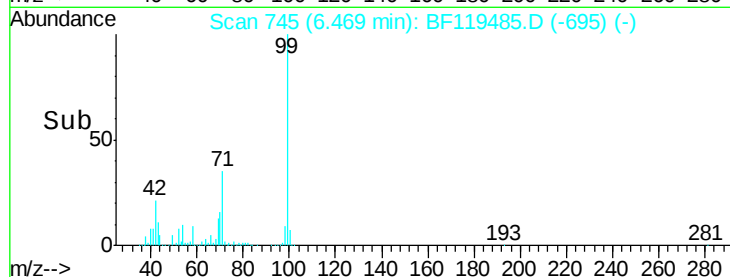
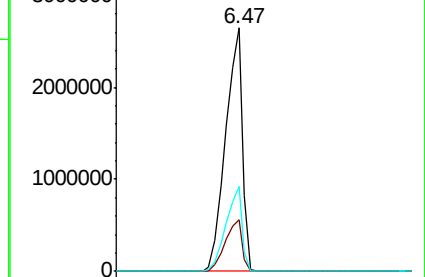
71 34.7 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.881 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

Tgt Ion: 70 Resp: 259681

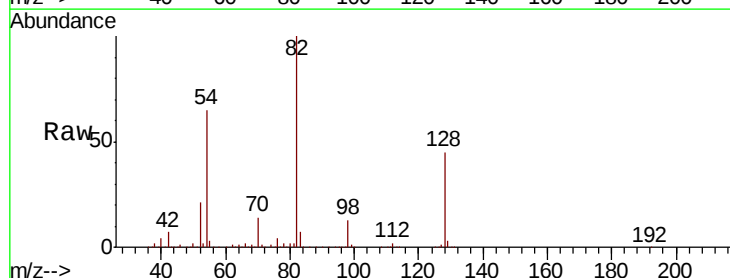
Ion Ratio Lower Upper

70 100

42 53.5 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

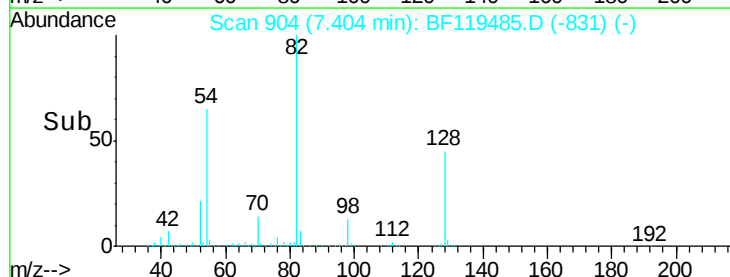
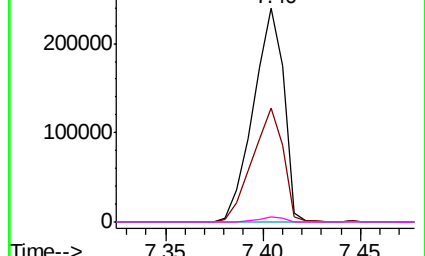


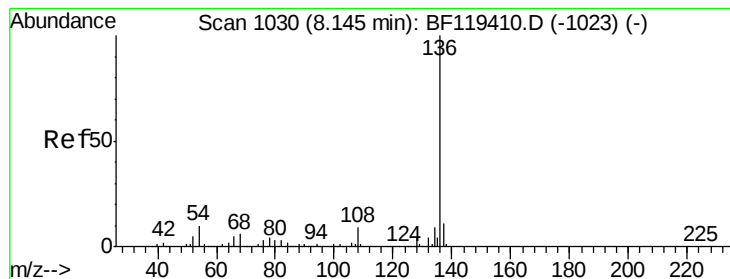
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127731BL

Tot Ion:136 Resp: 1141512

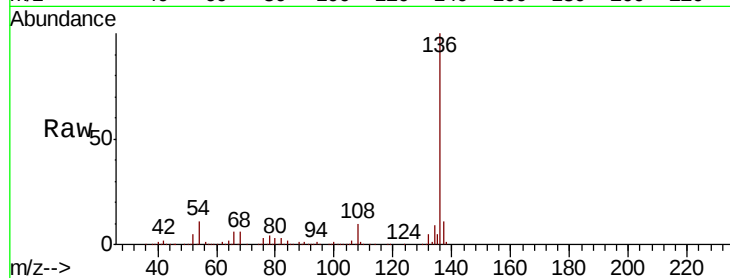
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.2 8.3 12.5

68 5.9 4.9 7.3

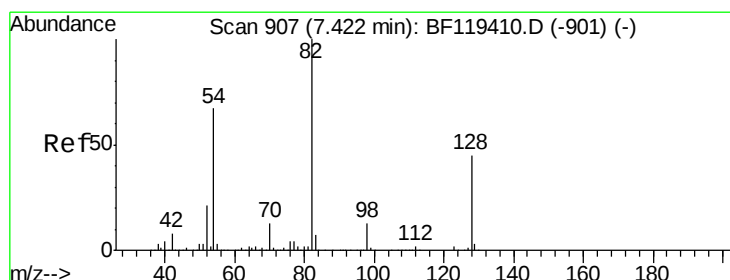
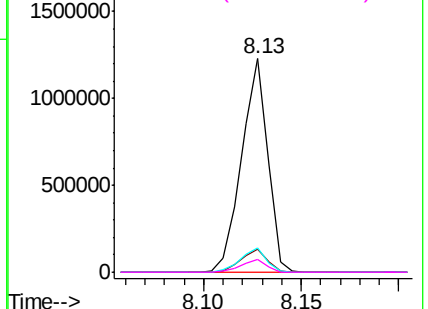
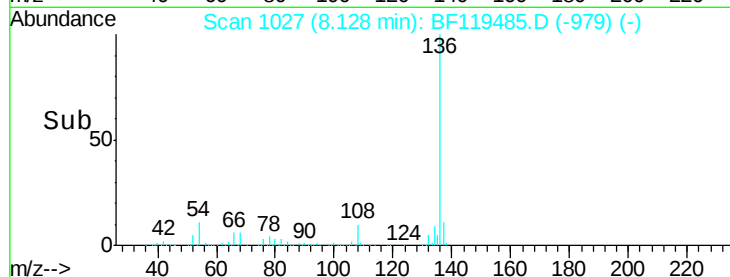


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.187 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

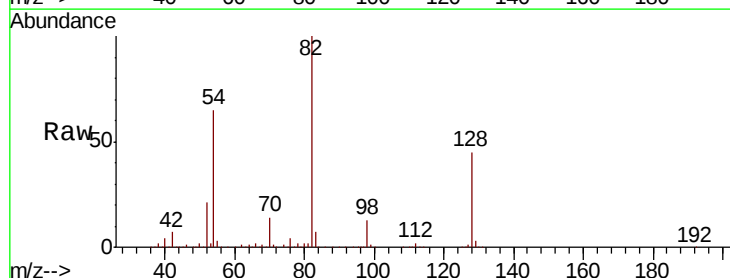
Tgt Ion: 82 Resp: 1957271

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

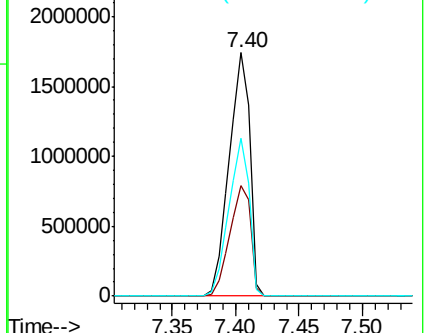
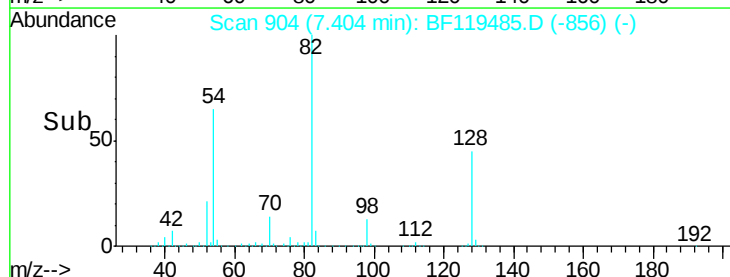
54 64.7 53.4 80.0

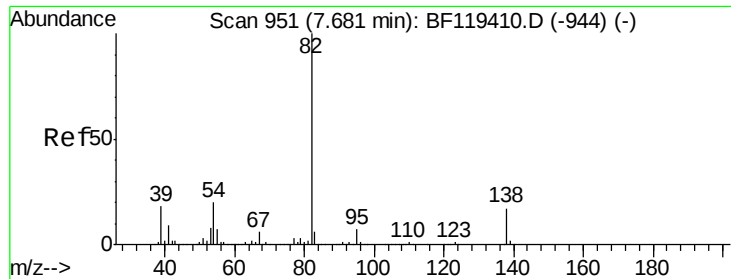


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

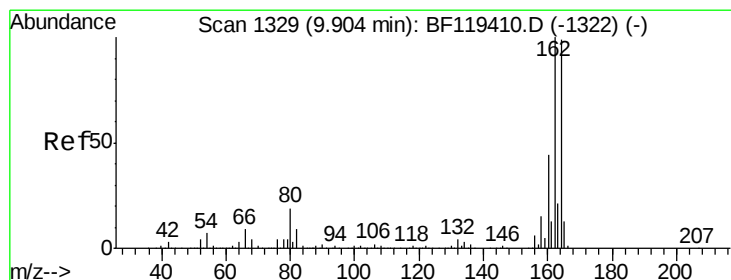
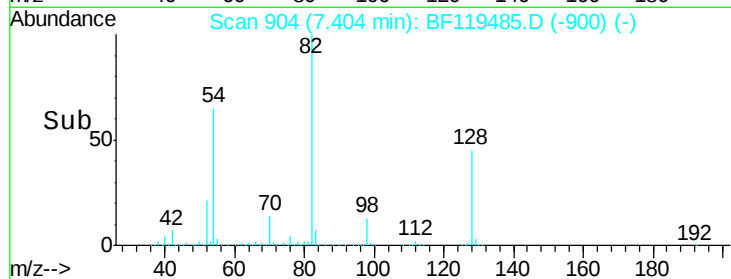
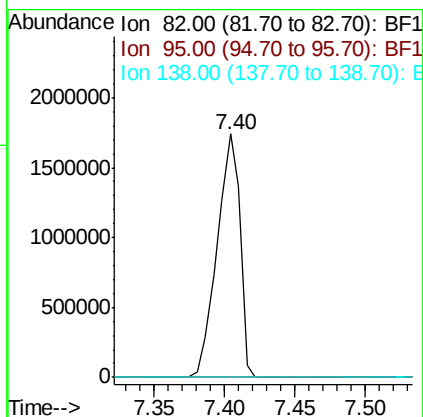
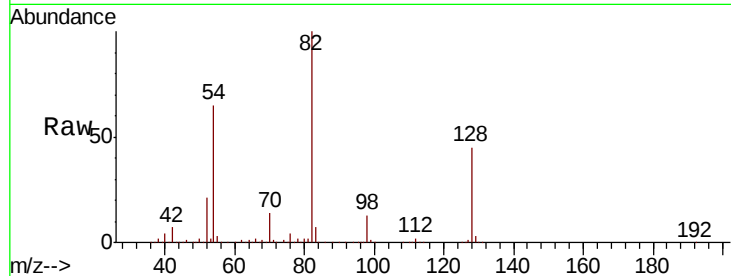




#25
Isophorone
Concen: 45.783 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

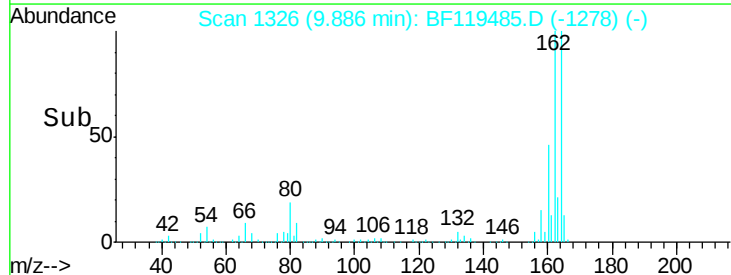
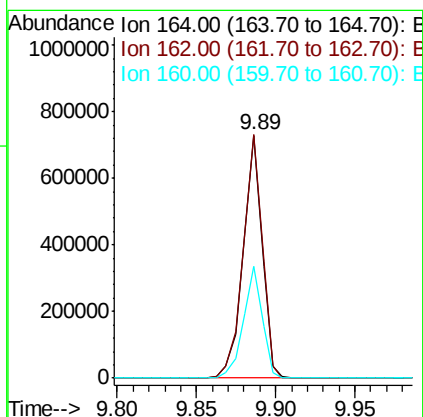
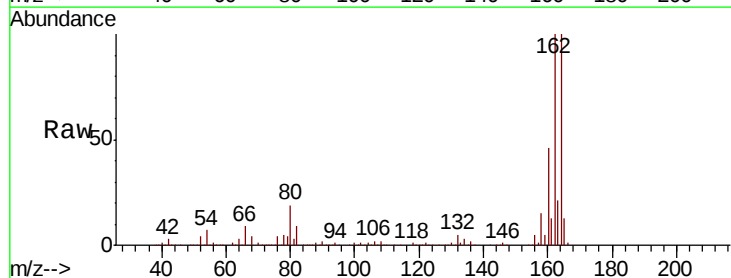
Instrument :
BNA_F
ClientSampleId :
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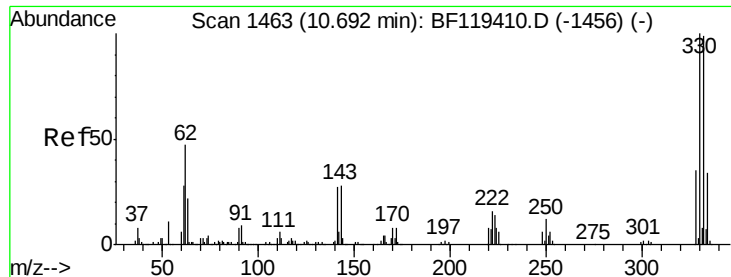
Tot Ion: 82 Resp: 1950665
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Tgt Ion:164 Resp: 604784
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 45.8 35.5 53.3

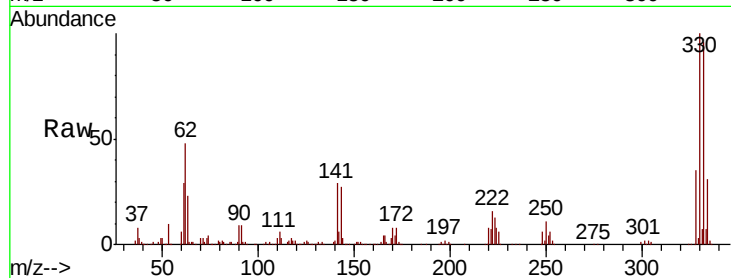




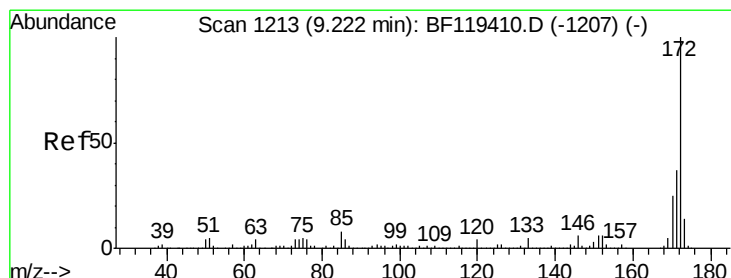
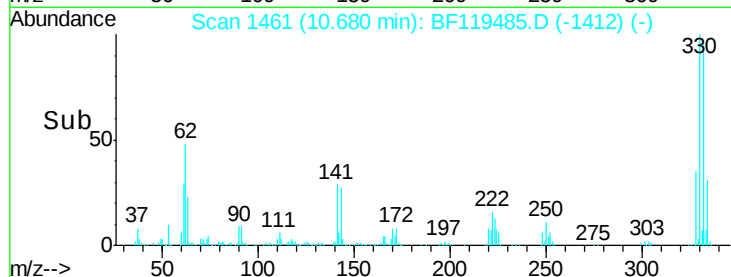
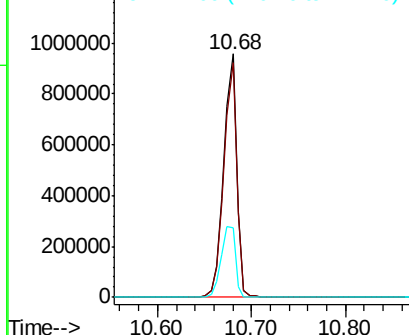
#42
 2,4,6-Tribromophenol
 Concen: 150.012 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119485.D
 Acq: 24 Mar 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BL

Tot Ion:330 Resp: 935975
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 32.3 26.6 40.0

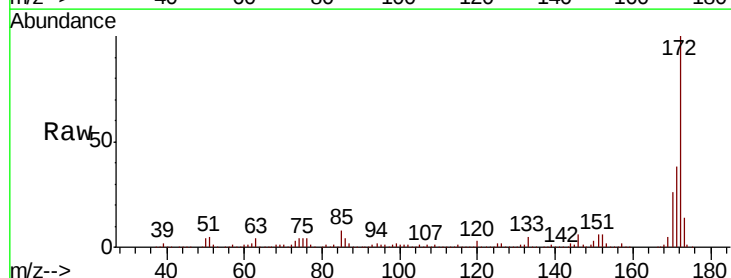


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

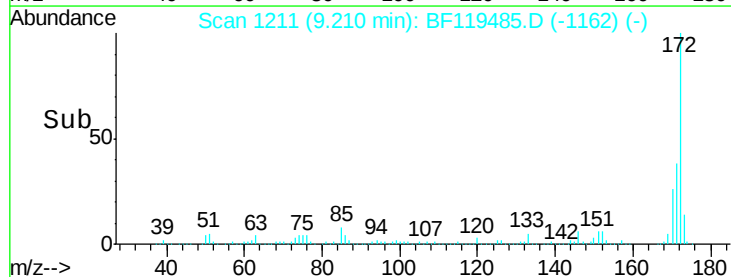
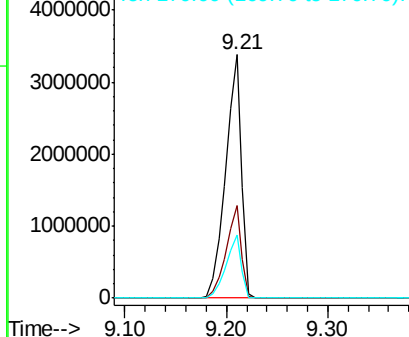


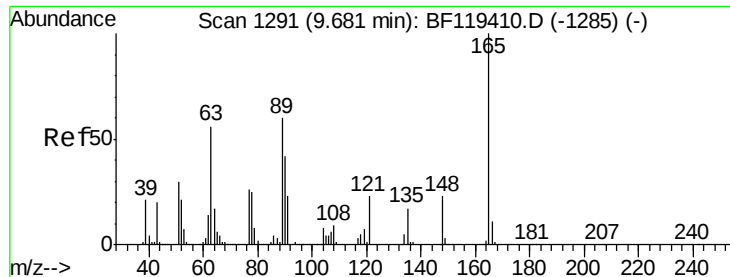
#45
 2-Fluorobiphenyl
 Concen: 89.499 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119485.D
 Acq: 24 Mar 2020 11:37

Tgt Ion:172 Resp: 3653636
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 25.7 20.1 30.1



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

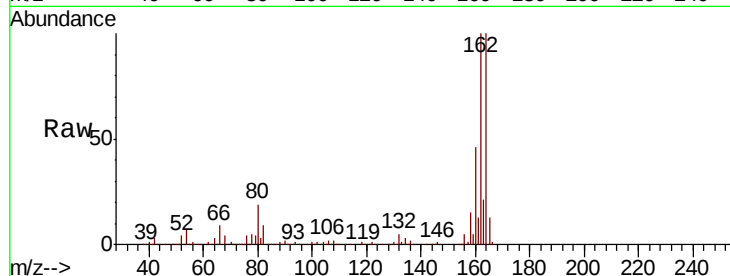




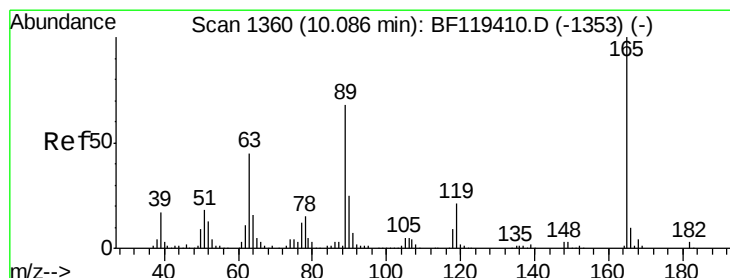
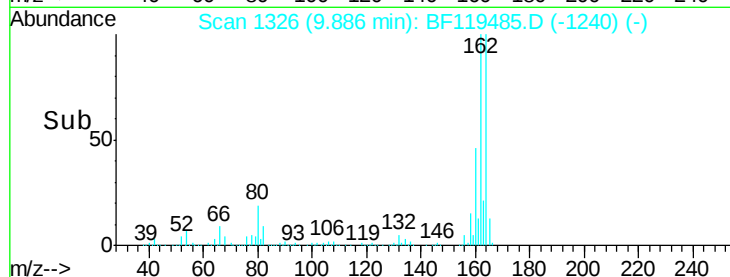
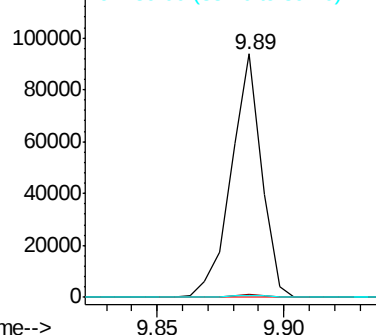
#51
2,6-Dinitrotoluene
Concen: 8.472 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127731BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	57.3	85.9#
89	0.9	47.8	71.8#



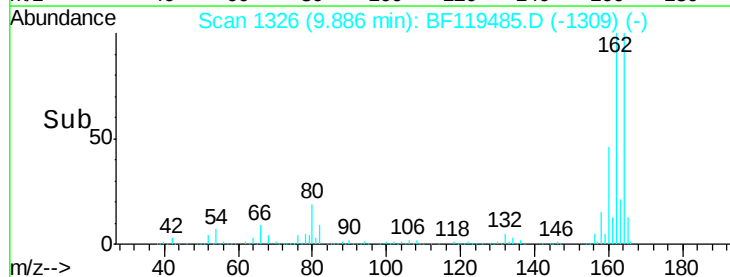
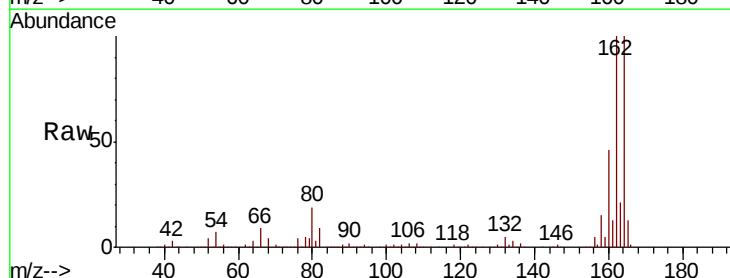
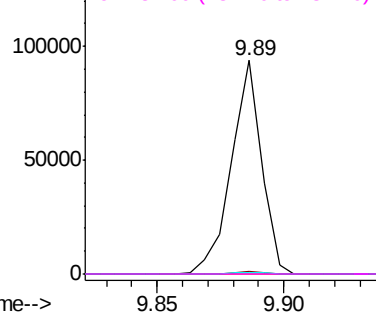
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

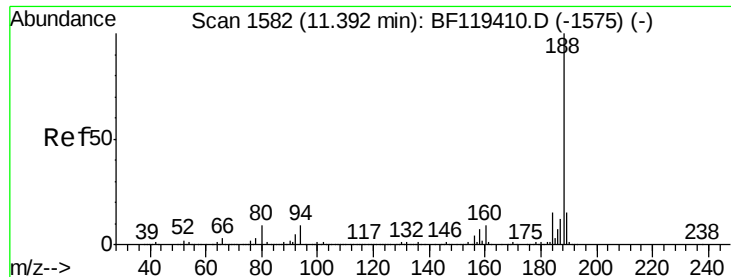


#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	0.9	54.3	81.5#
182	0.0	2.0	3.0#

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: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB127731BL

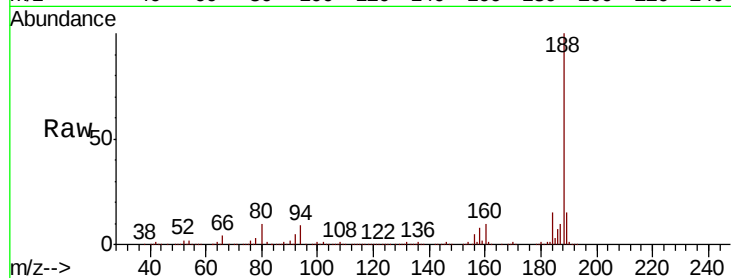
Tot Ion:188 Resp: 1228841

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.6 7.5 11.3



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

2000000

1500000

1000000

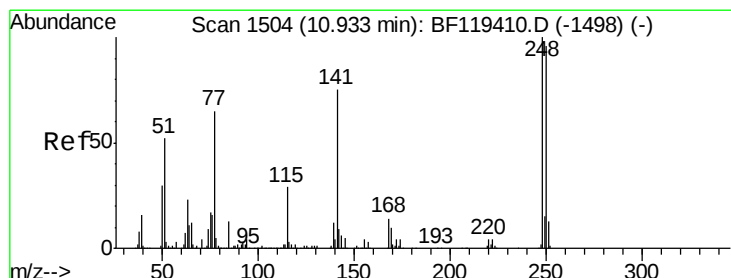
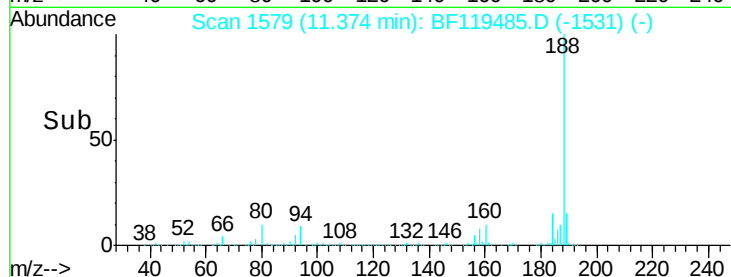
500000

0

11.37

11.35 11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.921 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119485.D

Acq: 24 Mar 2020 11:37

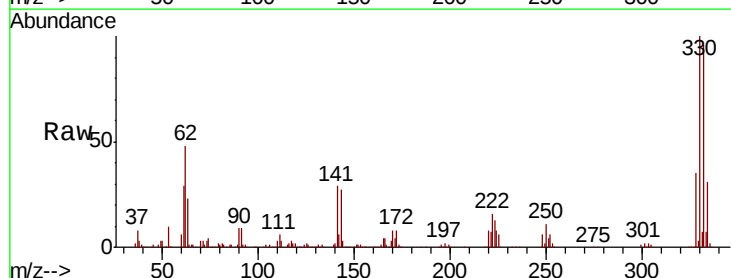
Tgt Ion:248 Resp: 54879

Ion Ratio Lower Upper

248 100

250 204.9 77.0 115.6#

141 510.8 59.7 89.5#



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

300000

200000

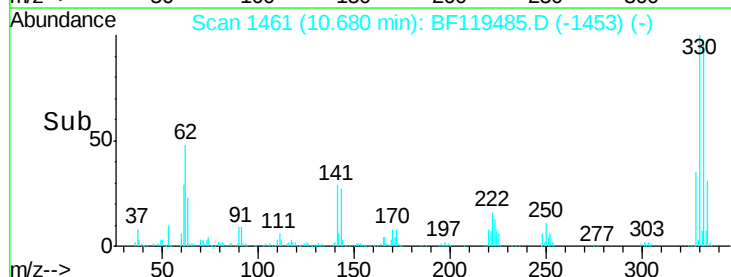
100000

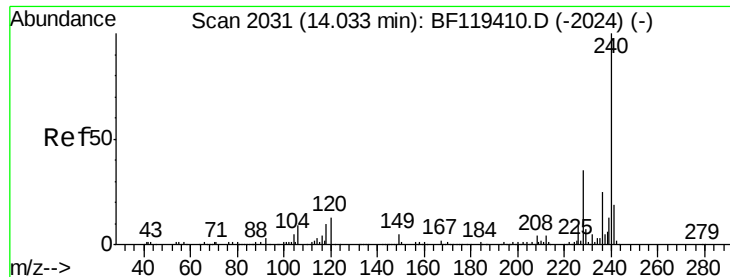
0

10.68

10.65 10.70

Time-->

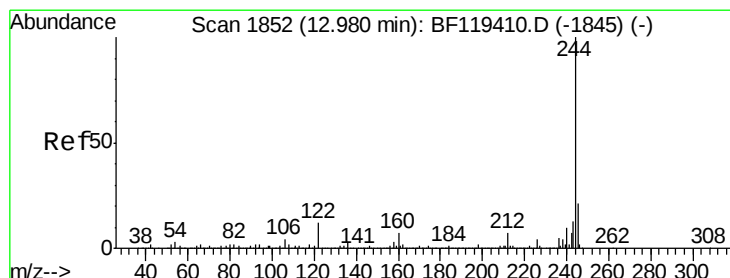
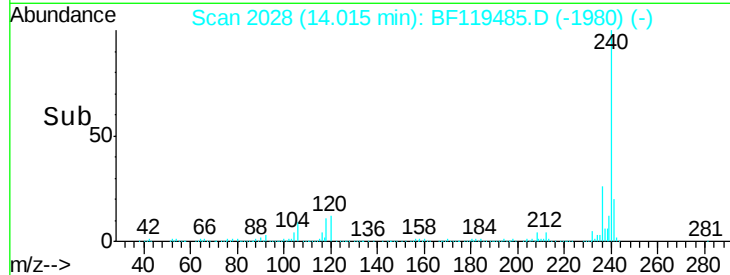
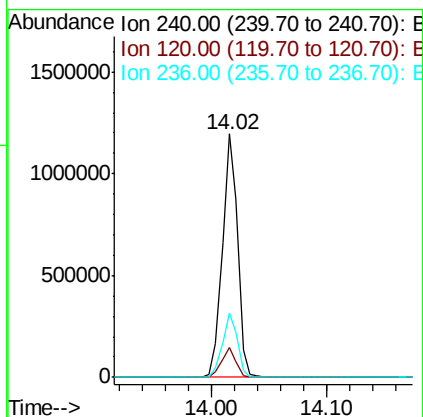
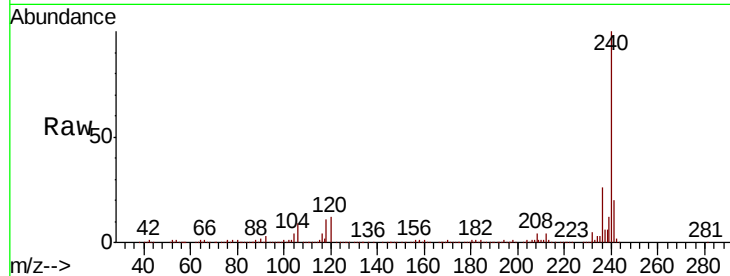




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119485.D
 Acq: 24 Mar 2020 11:37

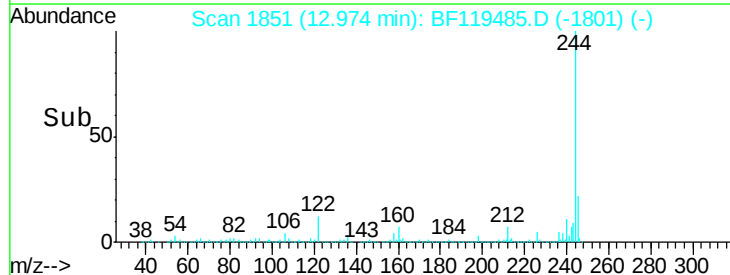
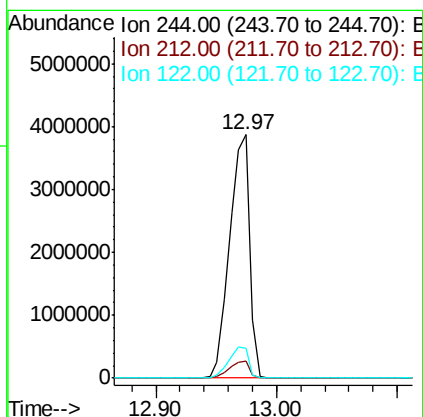
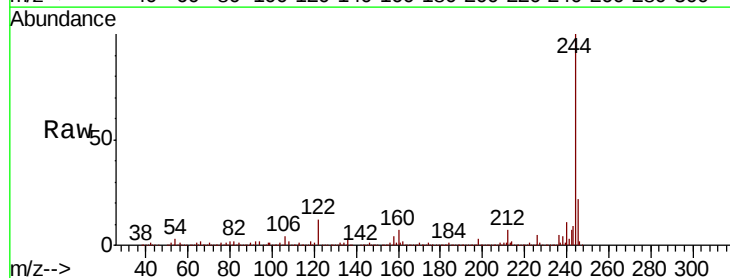
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BL

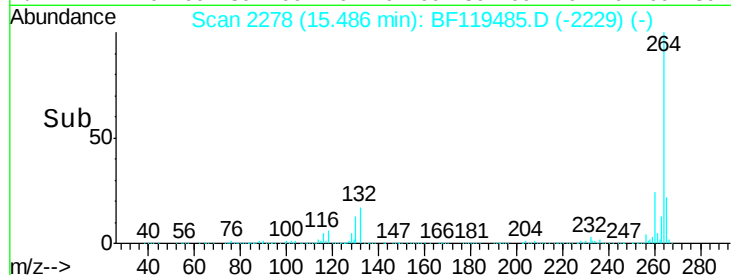
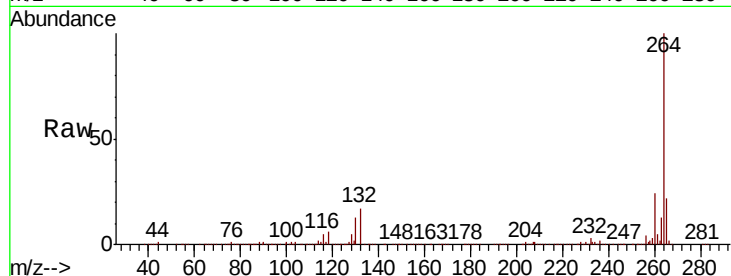
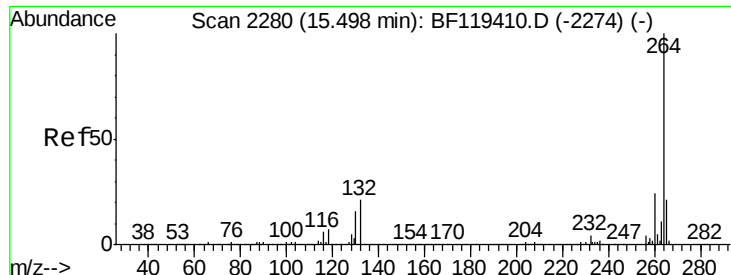
Tot Ion:240 Resp: 1091985
 Ion Ratio Lower Upper
 240 100
 120 12.2 10.2 15.4
 236 26.2 20.4 30.6



#79
 Terphenyl-d14
 Concen: 80.221 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119485.D
 Acq: 24 Mar 2020 11:37

Tgt Ion:244 Resp: 4471211
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.4 9.8 14.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119485.D
Acq: 24 Mar 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB127731BL

Tot Ion:	264	Resp:	1129477
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	16.9	25.3

