

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119493.D
 Acq On : 24 Mar 2020 18:21
 Operator : CG/JU
 Sample : L2009-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67

Quant Time: Mar 24 18:58:20 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

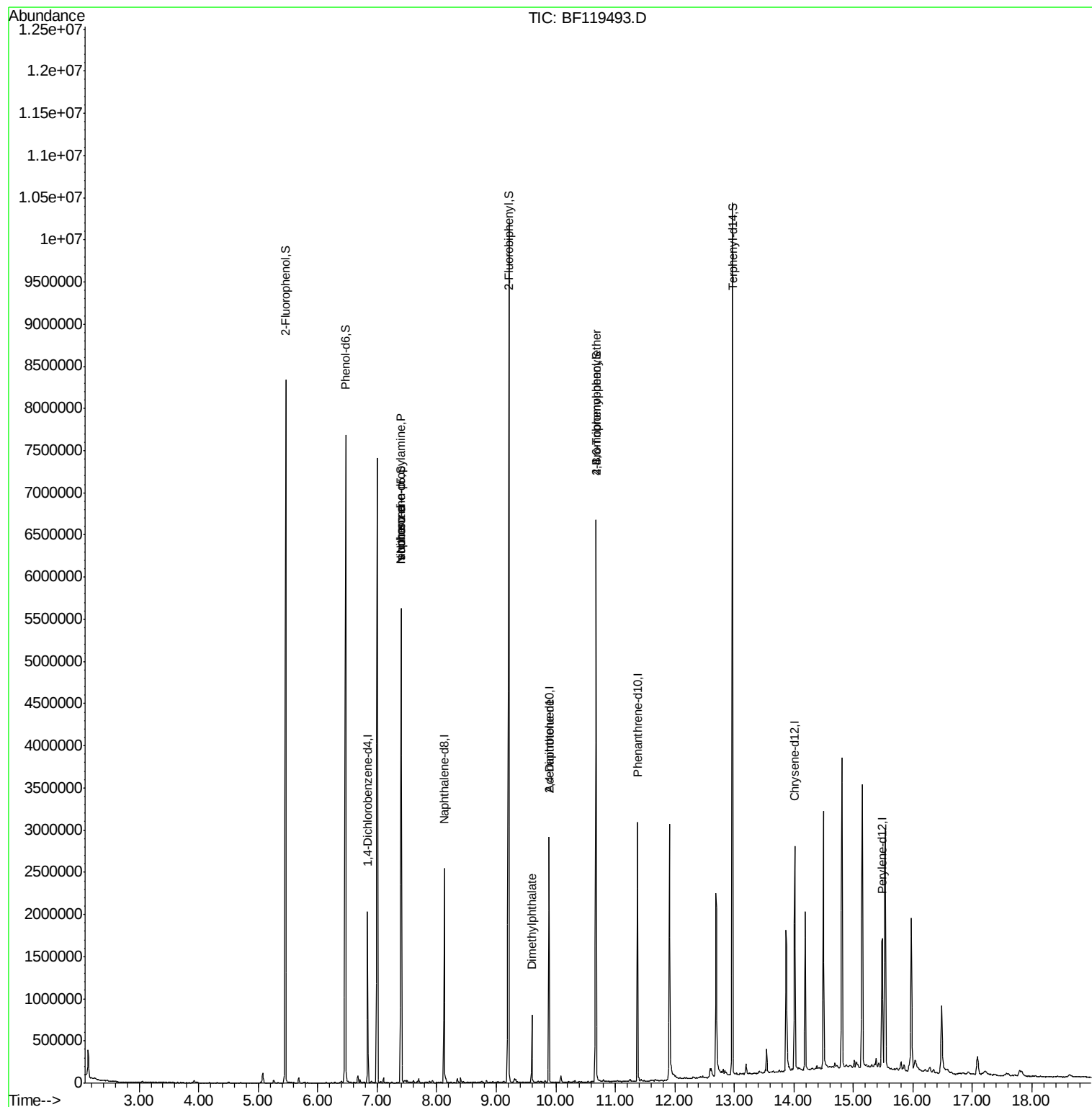
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	294815	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1111094	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	565713	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1077398	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	876220	20.00	ng	-0.02
87) Perylene-d12	15.49	264	755435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2394846	129.31	ng	0.00
7) Phenol-d6	6.47	99	3064961	129.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	1940512	94.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	863174	147.90	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3392995	88.85	ng	-0.01
79) Terphenyl-d14	12.97	244	3860098	86.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	261642	18.349	ng	# 75
25) Isophorone	7.40	82	1933165	46.614	ng	# 66
50) Dimethylphthalate	9.60	163	281429	7.004	ng	99
57) 2,4-Dinitrotoluene	9.89	165	71442	6.585	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	54265	4.423	ng	# 1

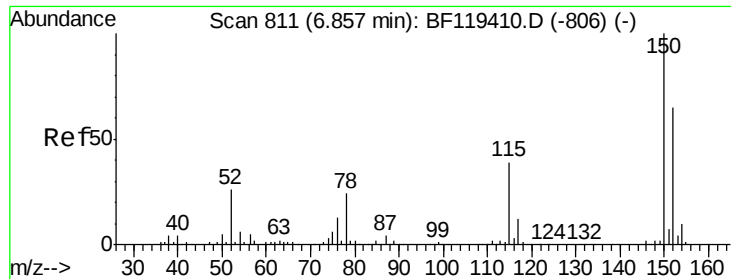
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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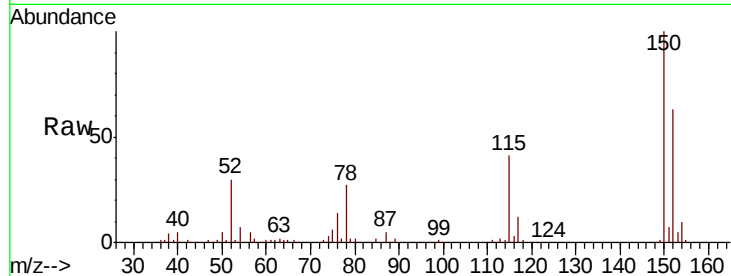


#1

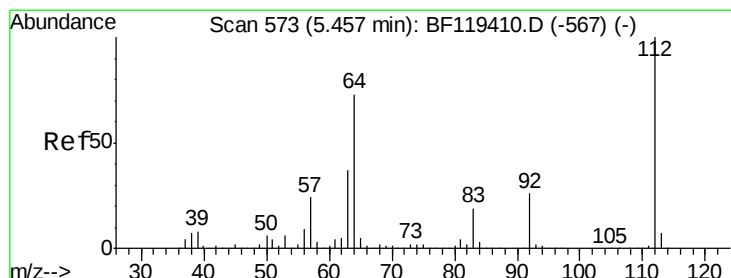
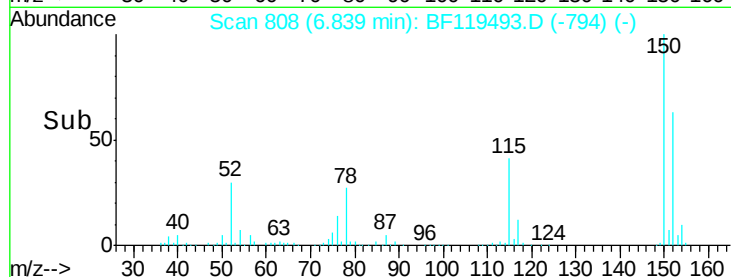
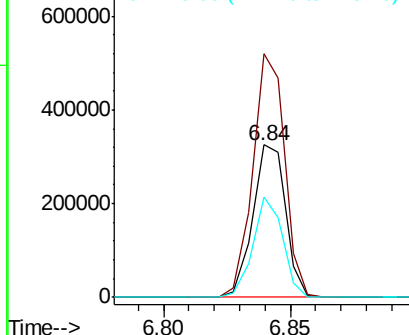
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119493.D
Acq: 24 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67

Tot Ion:152 Resp: 294815
Ion Ratio Lower Upper
152 100
150 159.9 123.9 185.9
115 65.6 47.8 71.6



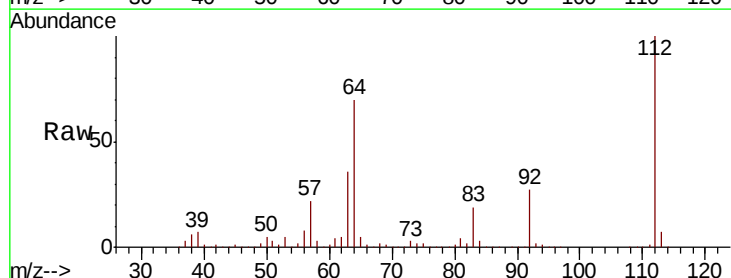
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



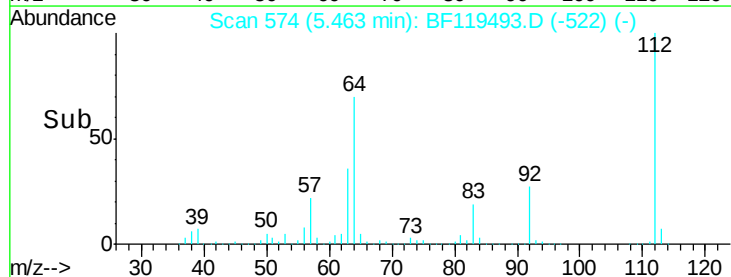
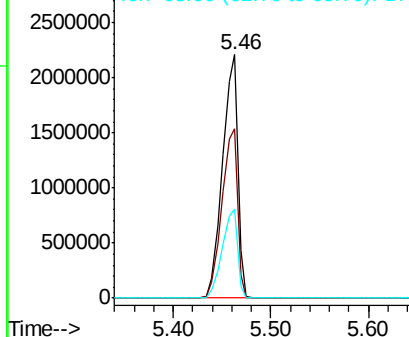
#5

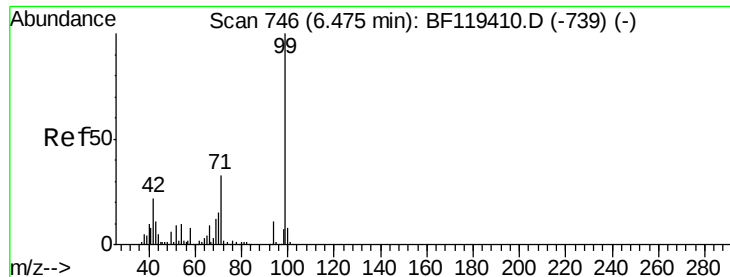
2-Fluorophenol
Concen: 129.314 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119493.D
Acq: 24 Mar 2020 18:21

Tgt Ion:112 Resp: 2394846
Ion Ratio Lower Upper
112 100
64 69.5 58.1 87.1
63 36.3 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: 129.555 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67

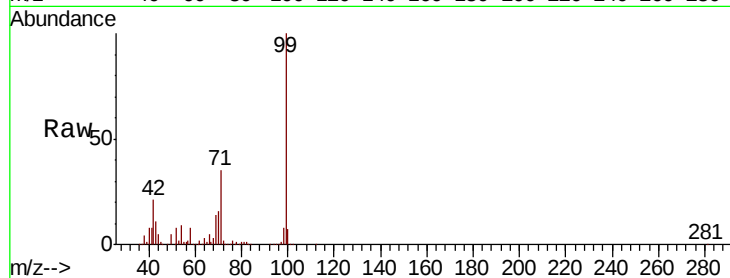
Tot Ion: 99 Resp: 3064961

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

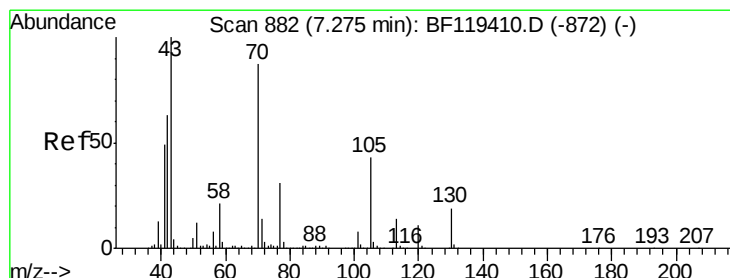
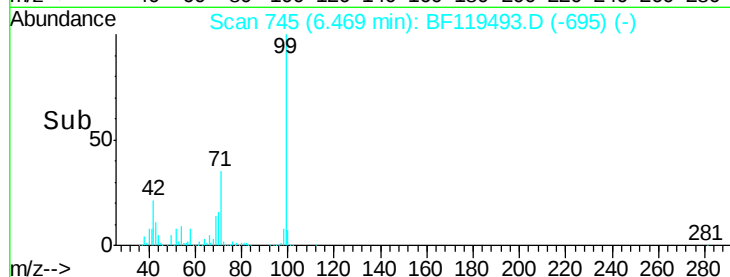
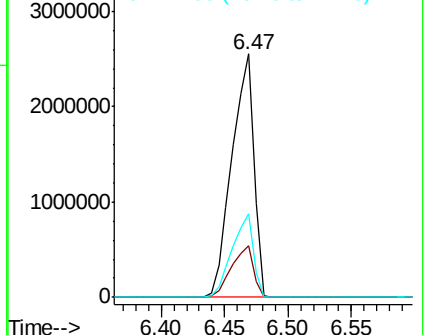
71 34.5 26.0 39.0



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: 18.349 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

Tgt Ion: 70 Resp: 261642

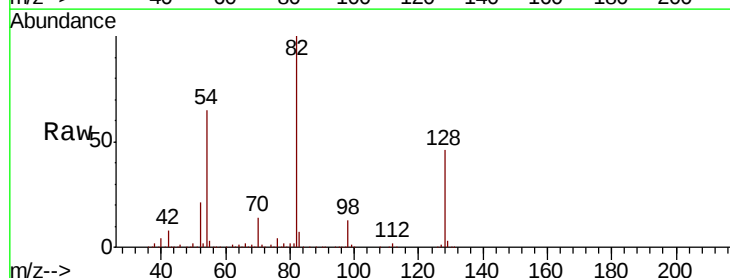
Ion Ratio Lower Upper

70 100

42 55.8 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

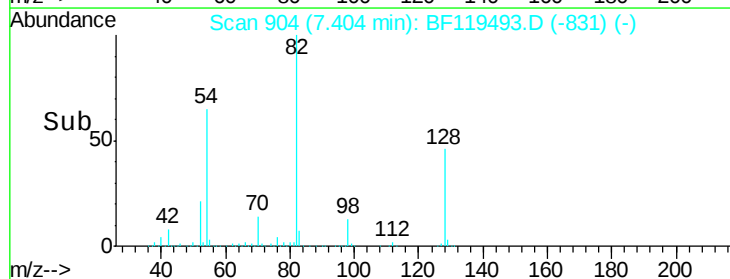
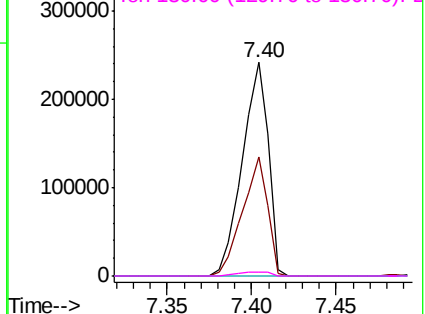


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119493.D

Acq: 24 Mar 2020 18:21

Instrument :

BNA_F

ClientSampleId :

TRACKS-66-67

Tot Ion:136 Resp: 1111094

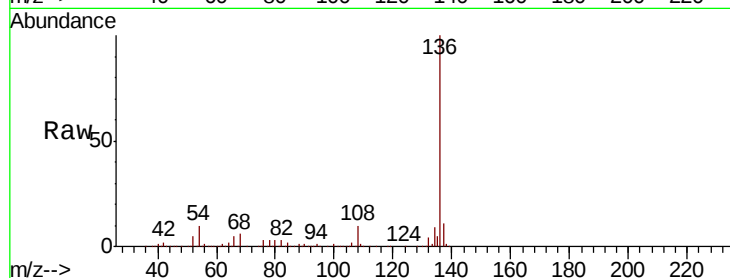
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.5 8.3 12.5

68 5.7 4.9 7.3

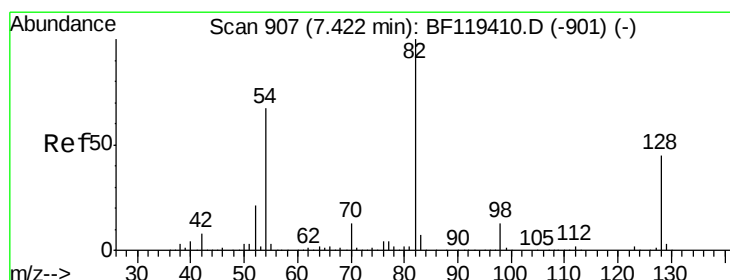
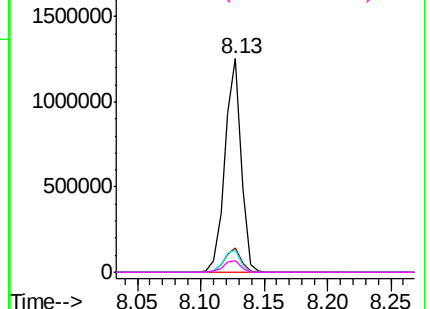
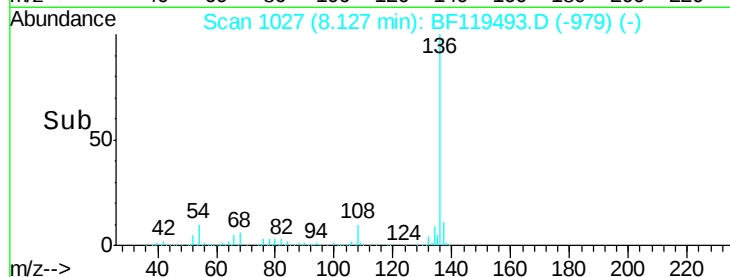


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.918 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

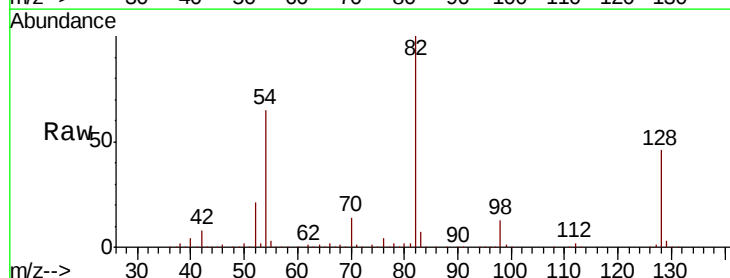
Tgt Ion: 82 Resp: 1940512

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.8

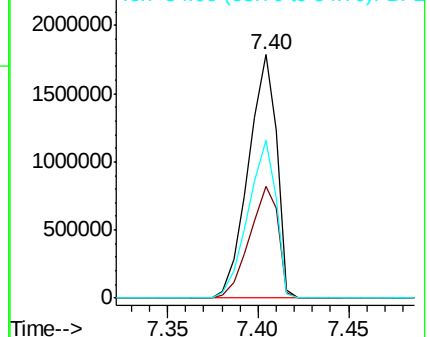
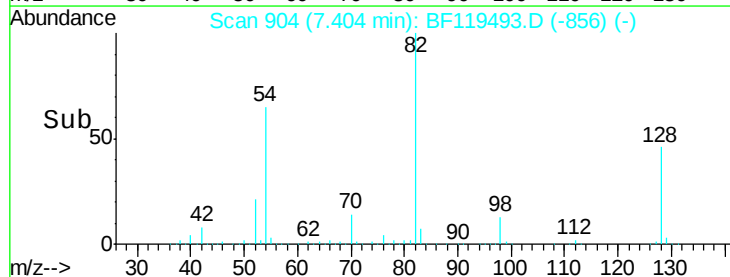
54 65.0 53.4 80.0



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: 46.614 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

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ClientSampleId :

TRACKS-66-67

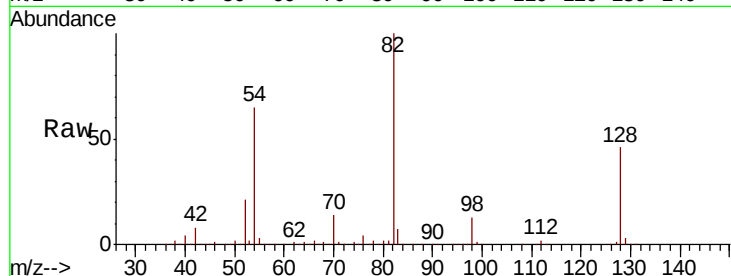
Tot Ion: 82 Resp: 1933165

Ion Ratio Lower Upper

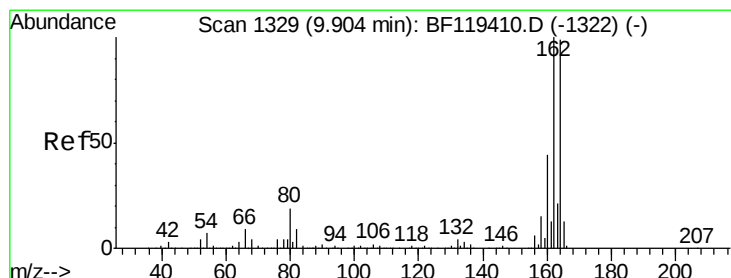
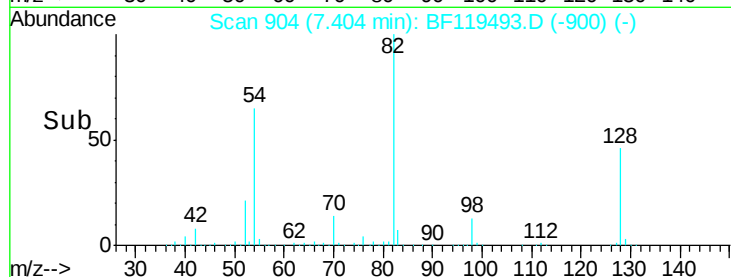
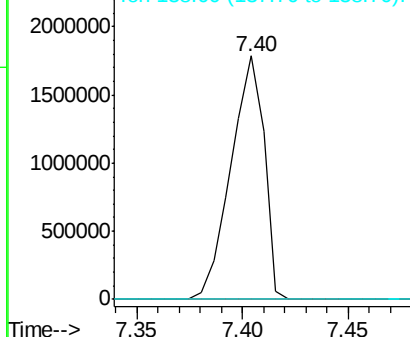
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

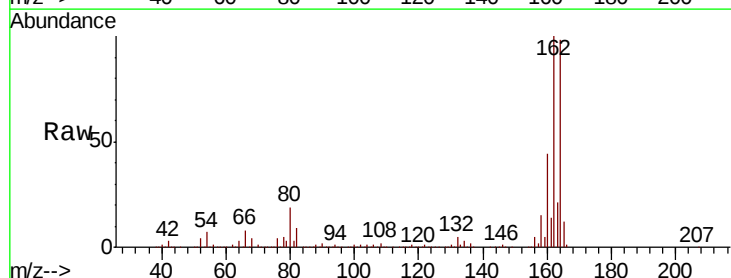
Tgt Ion:164 Resp: 565713

Ion Ratio Lower Upper

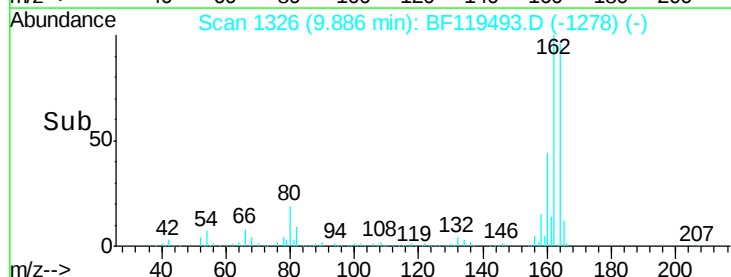
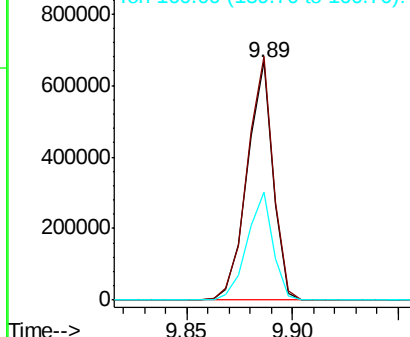
164 100

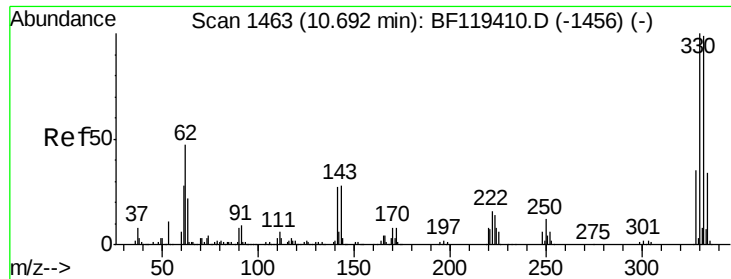
162 102.2 80.7 121.1

160 45.4 35.5 53.3



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: 147.898 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

Instrument :

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TRACKS-66-67

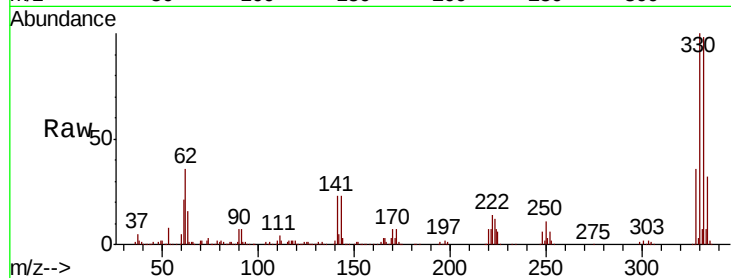
Tot Ion:330 Resp: 863174

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

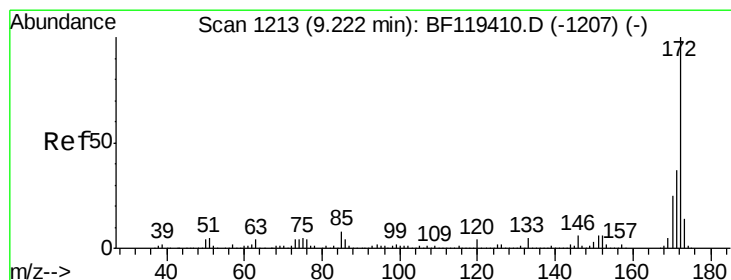
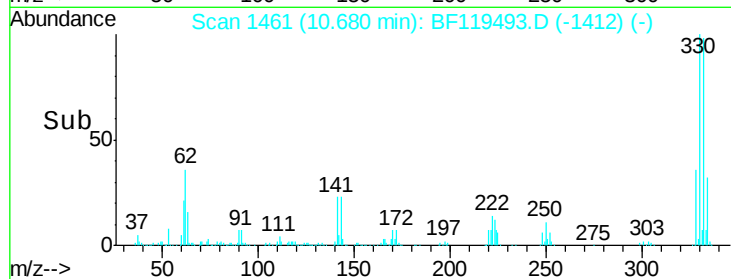
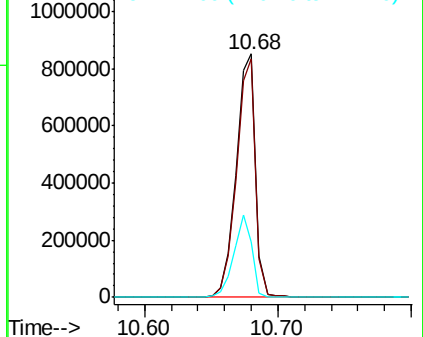
141 32.2 26.6 40.0



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: 88.855 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

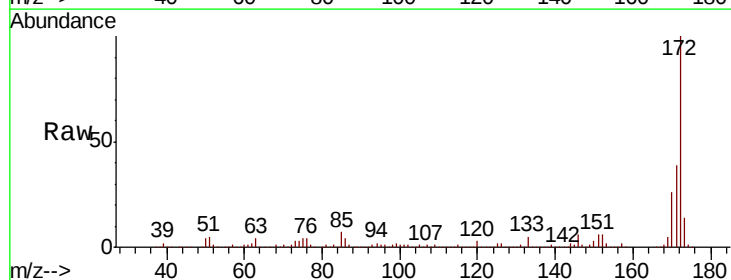
Tgt Ion:172 Resp: 3392995

Ion Ratio Lower Upper

172 100

171 38.6 29.9 44.9

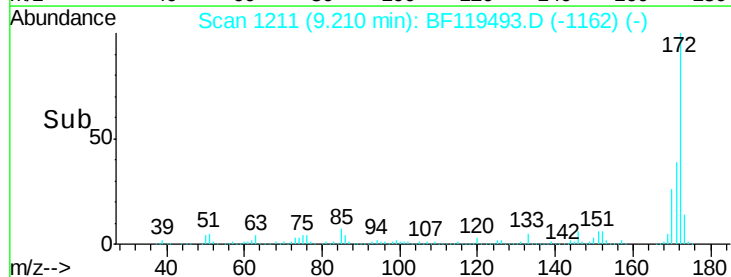
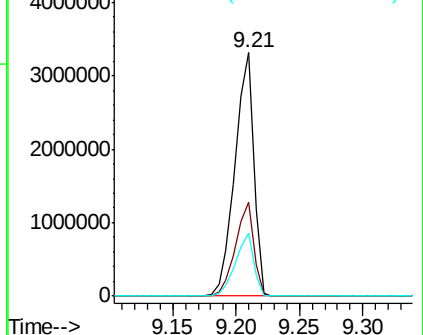
170 25.8 20.1 30.1

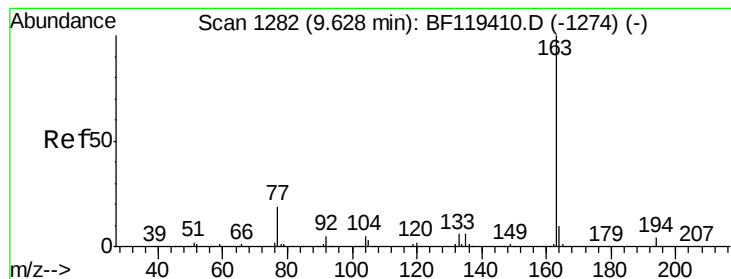


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.004 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119493.D

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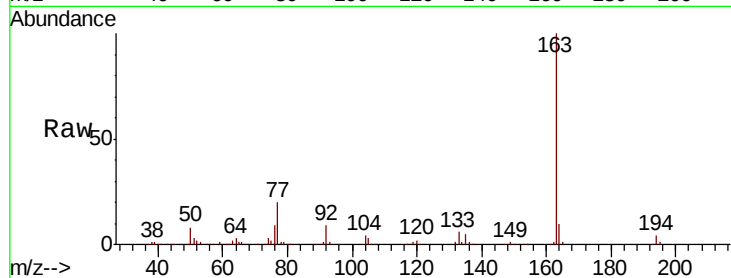
Tot Ion:163 Resp: 281429

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

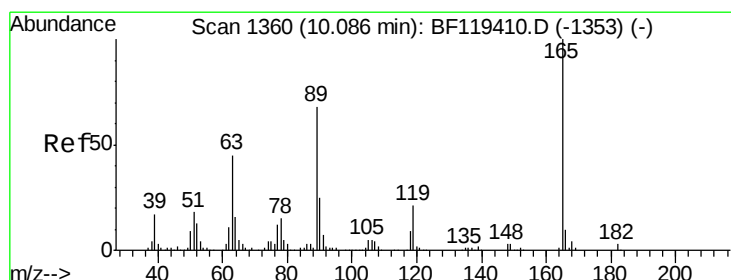
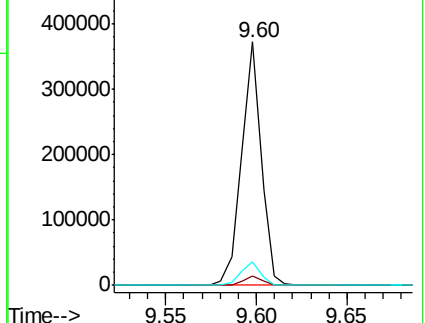
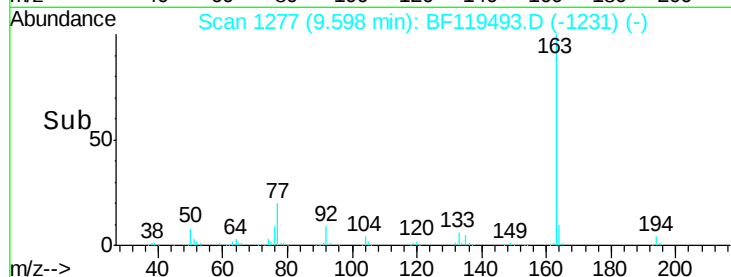
164 9.8 8.1 12.1



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: 6.585 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

Tgt Ion:165 Resp: 71442

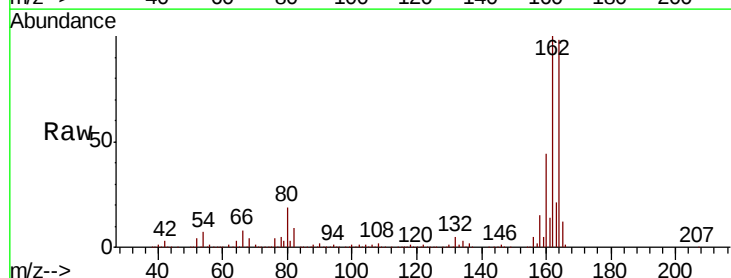
Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

89 1.2 54.3 81.5#

182 0.0 2.0 3.0#

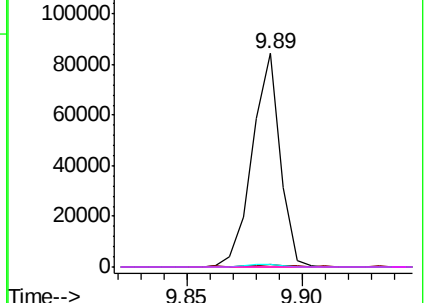
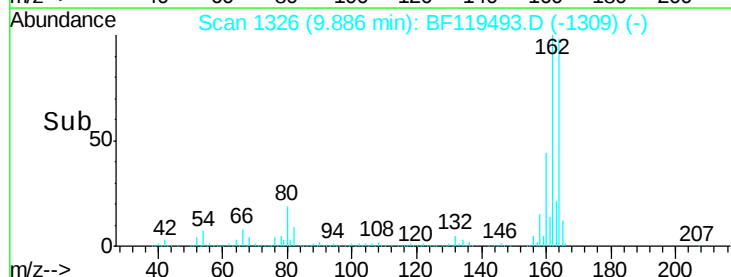


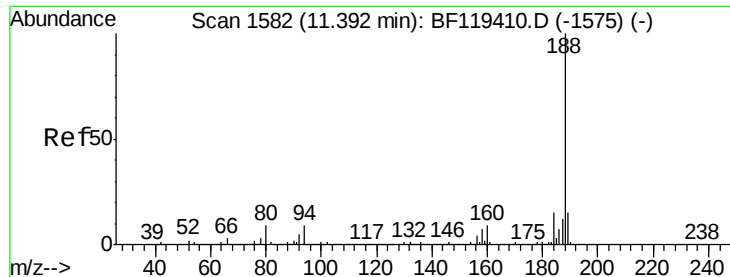
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119493.D

Acq: 24 Mar 2020 18:21

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TRACKS-66-67

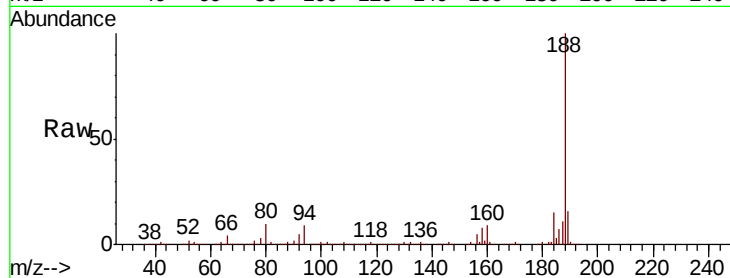
Tot Ion:188 Resp: 1077398

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.5	7.5	11.3

188 100

94 8.9 7.1 10.7

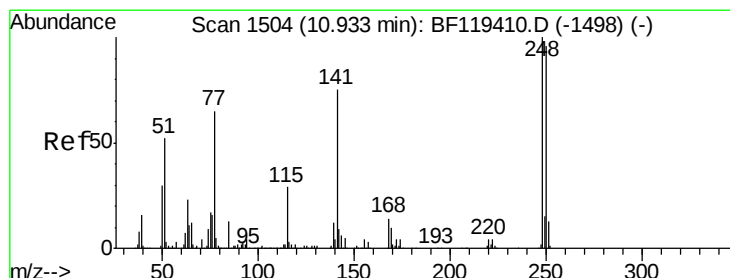
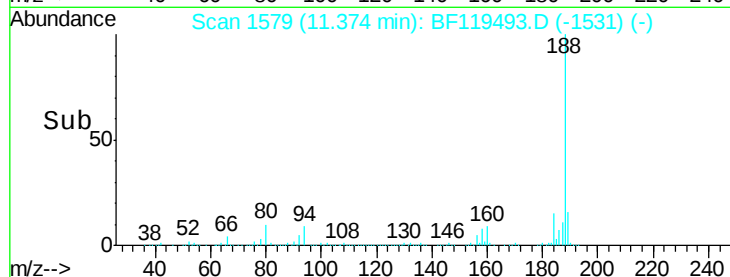
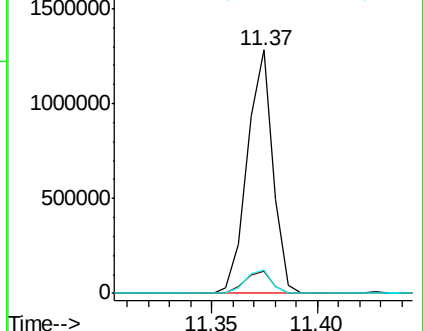
80 9.5 7.5 11.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.423 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.26 min

Lab File: BF119493.D

Acq: 24 Mar 2020 18:21

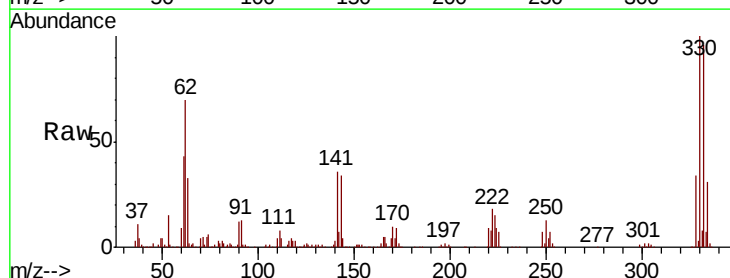
Tgt Ion:248 Resp: 54265

Ion	Ratio	Lower	Upper
248	100		
250	196.6	77.0	115.6#
141	547.1	59.7	89.5#

248 100

250 196.6 77.0 115.6#

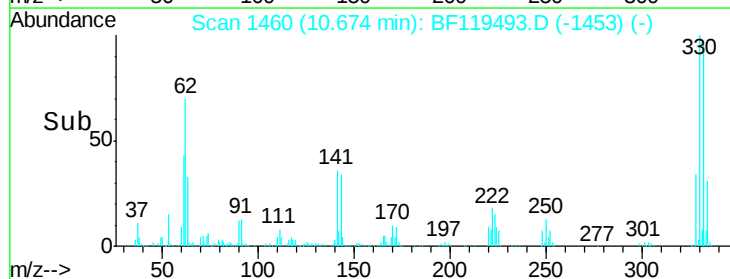
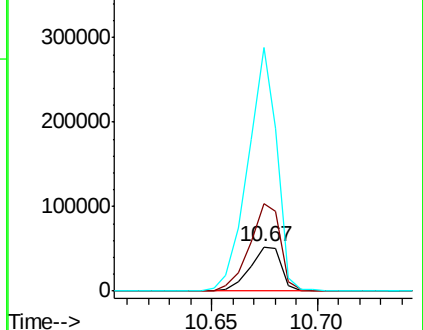
141 547.1 59.7 89.5#

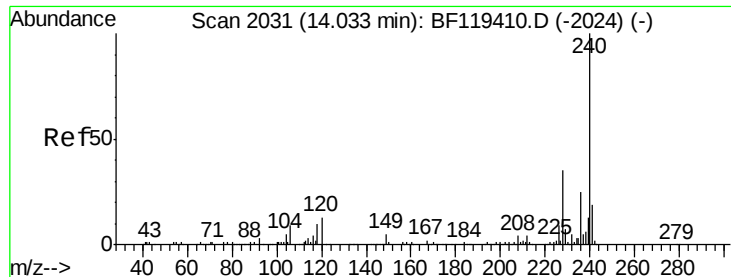


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

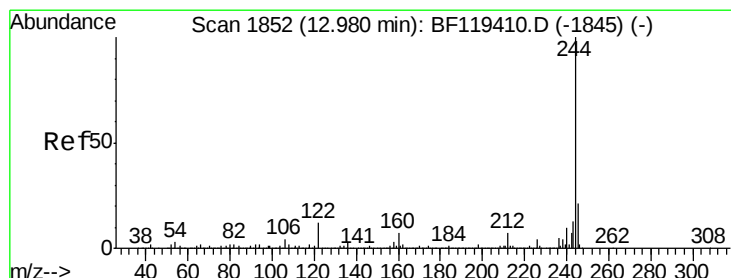
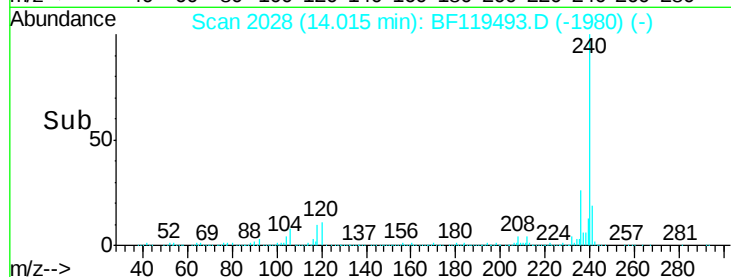
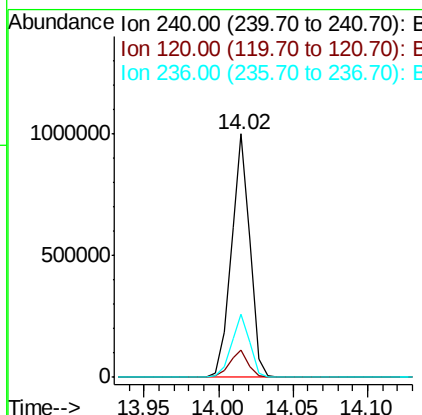
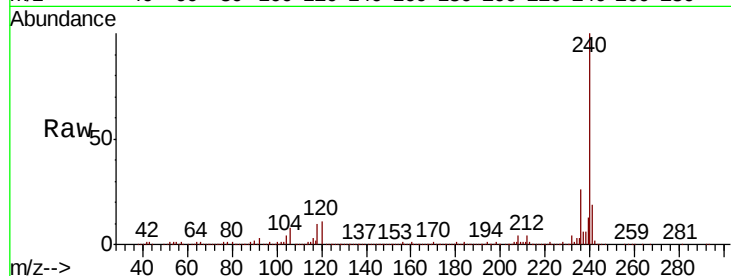




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119493.D
 Acq: 24 Mar 2020 18:21

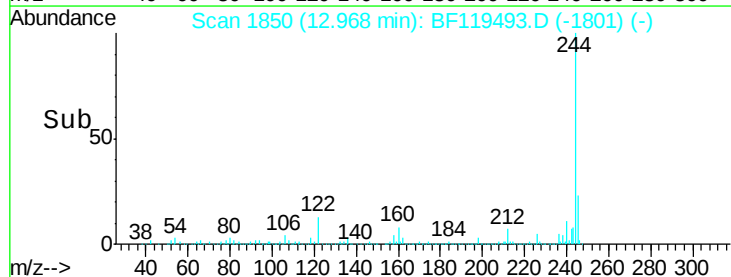
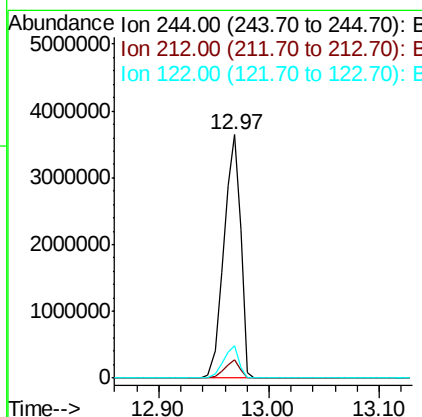
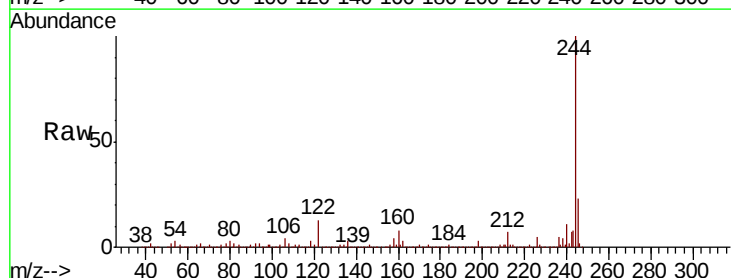
Instrument :
 BNA_F
 ClientSampleId :
 TRACKS-66-67

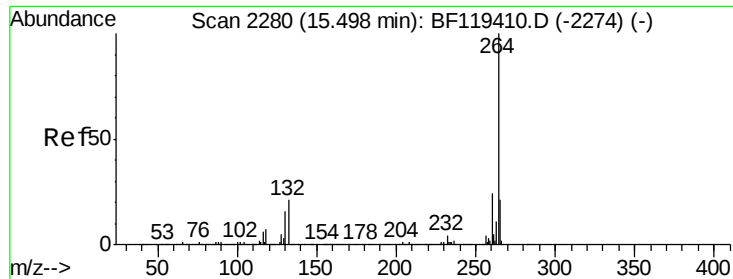
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.2	15.4
236	25.7	20.4	30.6



#79
 Terphenyl-d14
 Concen: 86.311 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119493.D
 Acq: 24 Mar 2020 18:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	13.5	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: BF119493.D
Acq: 24 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3

