

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119875.D
 Acq On : 9 Apr 2020 17:51
 Operator : MA/SJ
 Sample : L2146-05RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 10 01:06:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

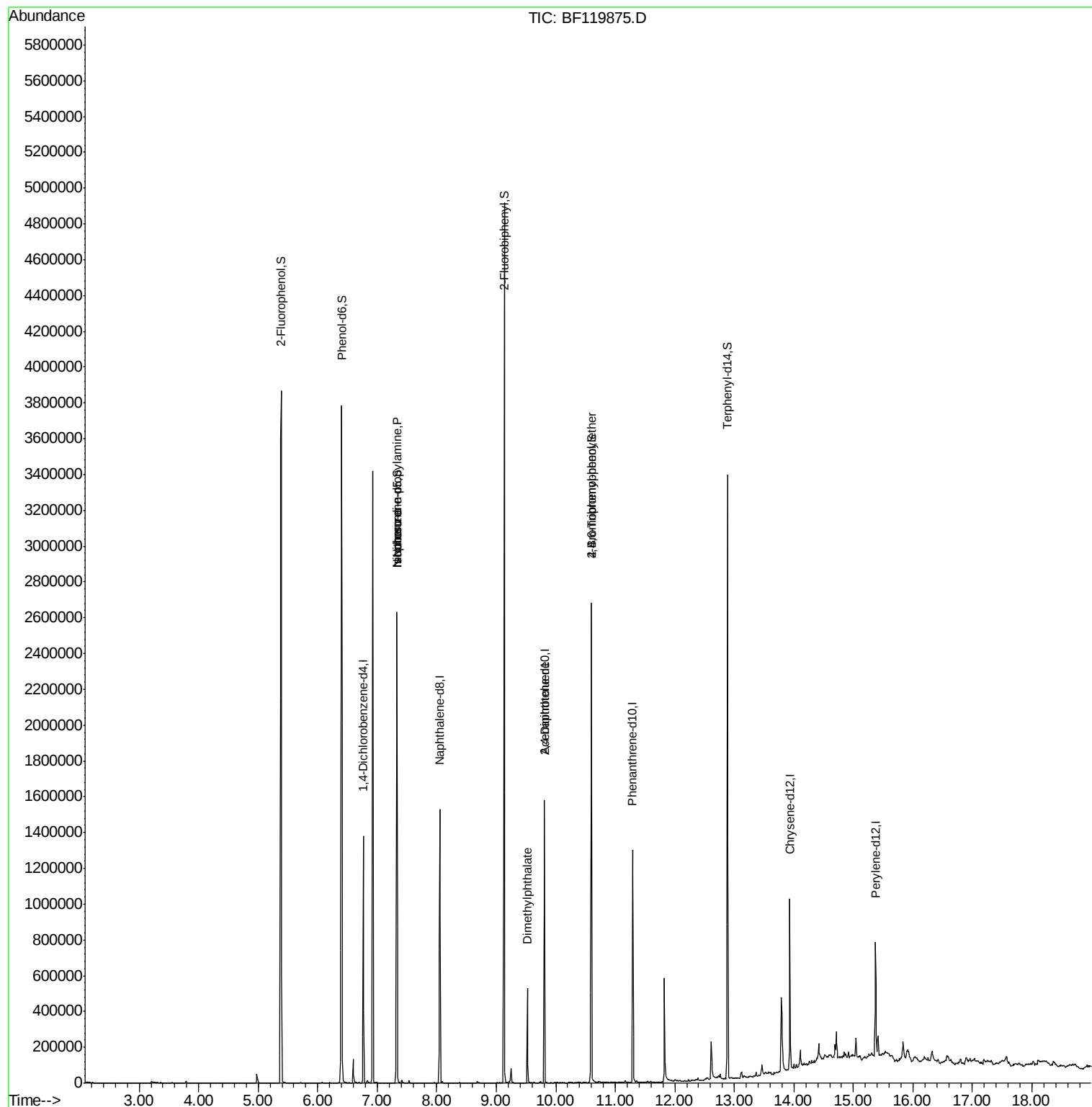
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188189	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	614571	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	281130	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	479831	20.00	ng	0.00
76) Chrysene-d12	13.93	240	302863	20.00	ng	0.00
87) Perylene-d12	15.37	264	294808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1060089	97.35	ng	0.01
7) Phenol-d6	6.40	99	1385594	98.75	ng	0.00
23) Nitrobenzene-d5	7.33	82	787832	66.32	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	304658	88.51	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1378307	69.61	ng	0.00
79) Terphenyl-d14	12.89	244	1147803	63.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	2235	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	103624	11.48 ng	#	77
25) Isophorone	7.33	82	784237	34.25 ng	#	65
50) Dimethylphthalate	9.53	163	203272	9.35 ng		98
57) 2,4-Dinitrotoluene	9.81	165	35854	5.71 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	18643	3.12 ng	#	1

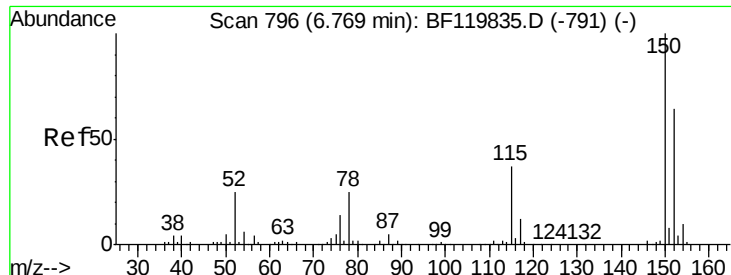
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF119875.D

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ClientSampleId :

TP-67-66-COMP

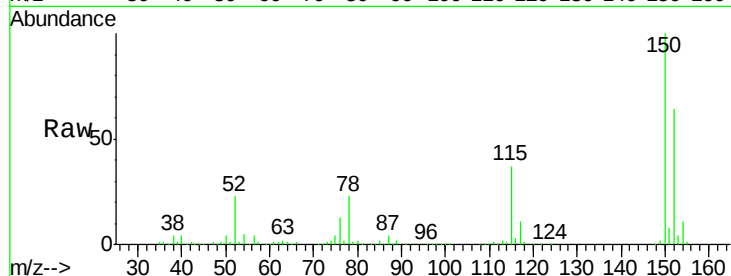
Tgt Ion:152 Resp: 188189

Ion Ratio Lower Upper

152 100

150 157.3 124.8 187.2

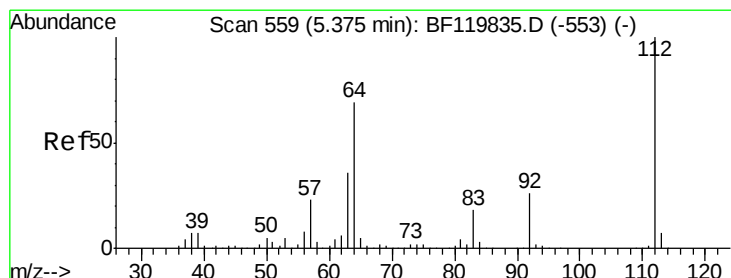
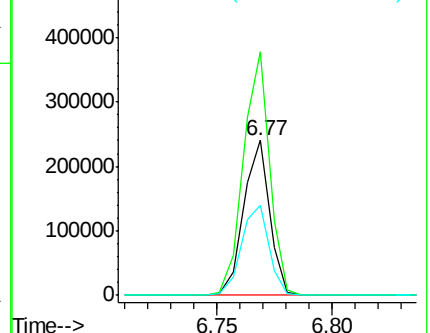
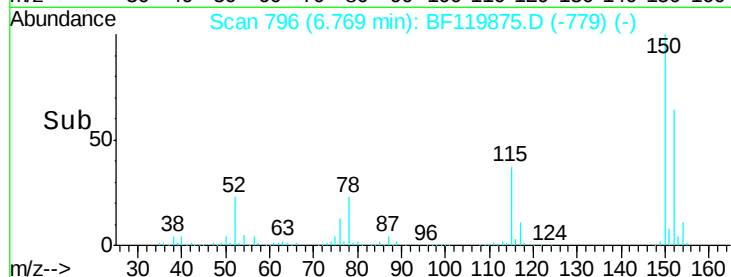
115 58.5 46.5 69.7



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: 97.35 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119875.D

Acq: 9 Apr 2020 17:51

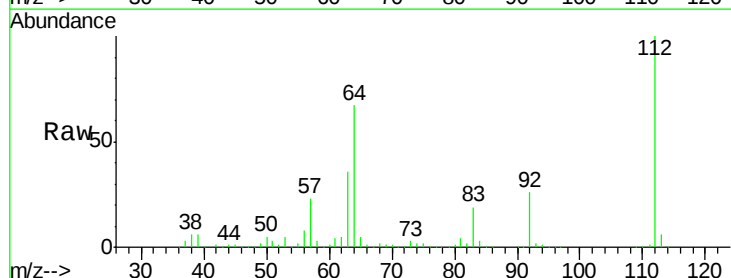
Tgt Ion:112 Resp: 1060089

Ion Ratio Lower Upper

112 100

64 66.9 55.5 83.3

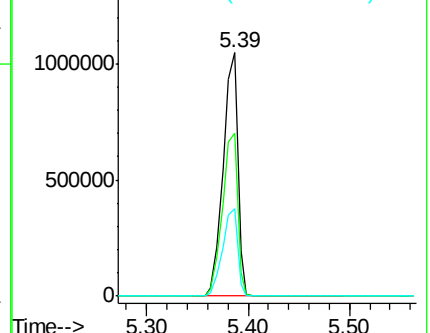
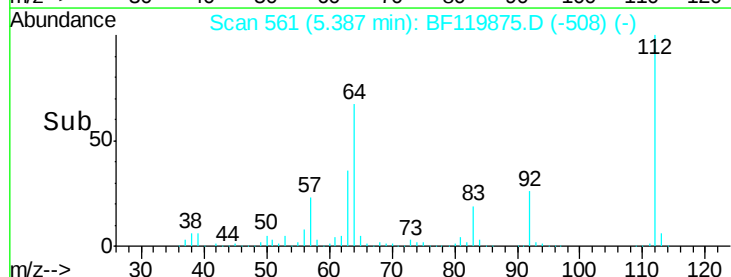
63 35.8 29.1 43.7

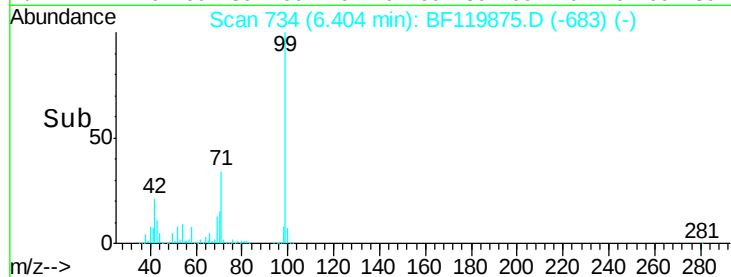
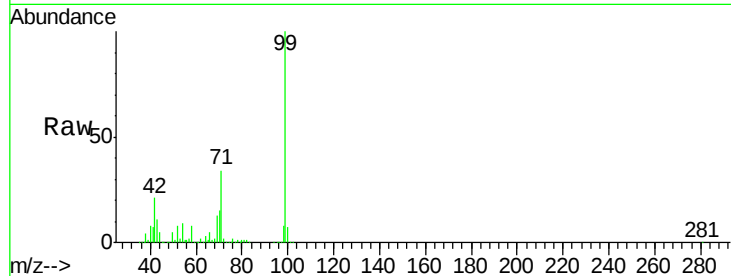


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.75 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119875.D

Acq: 9 Apr 2020 17:51

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BNA_F

ClientSampleId :

TP-67-66-COMP

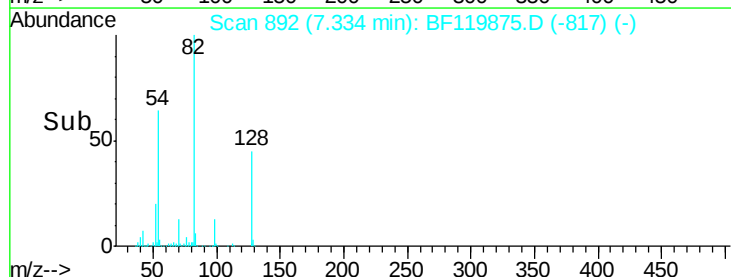
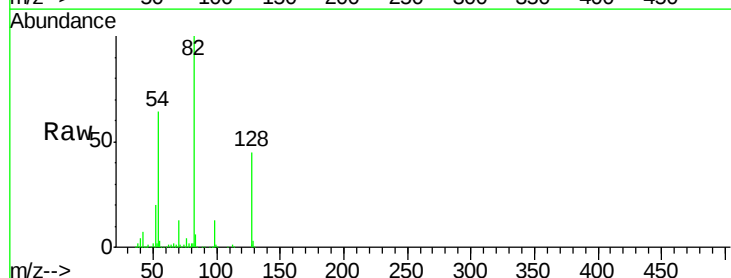
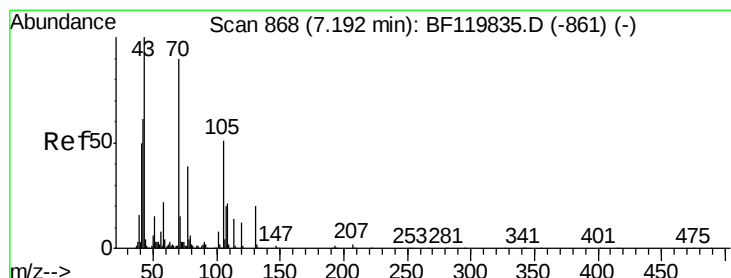
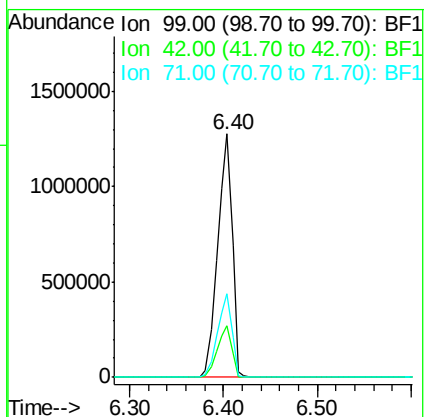
Tgt Ion: 99 Resp: 1385594

Ion Ratio Lower Upper

99 100

42 21.0 16.9 25.3

71 34.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.48 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119875.D

Acq: 9 Apr 2020 17:51

Tgt Ion: 70 Resp: 103624

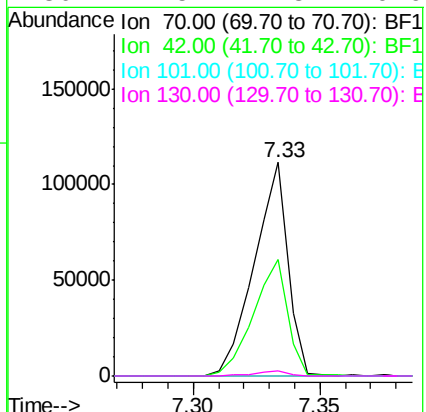
Ion Ratio Lower Upper

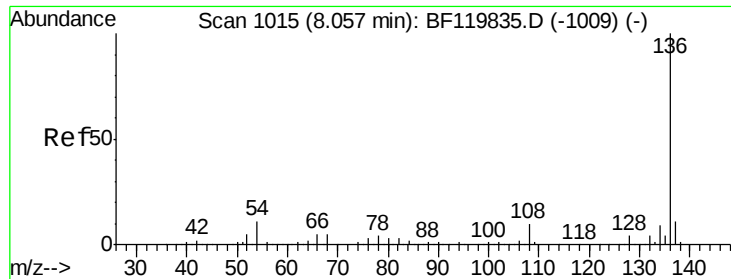
70 100

42 54.6 54.2 81.4

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

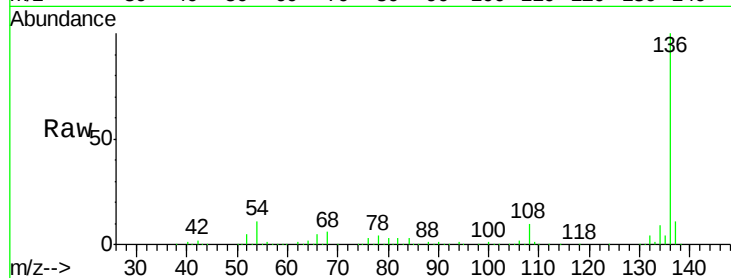




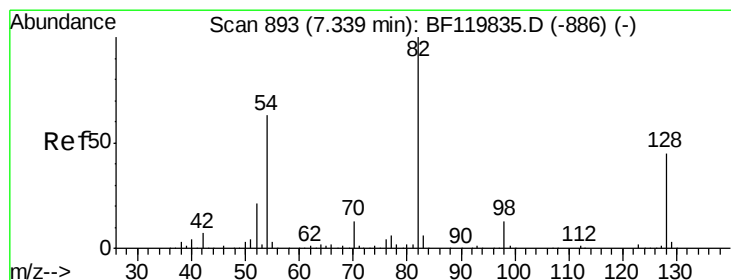
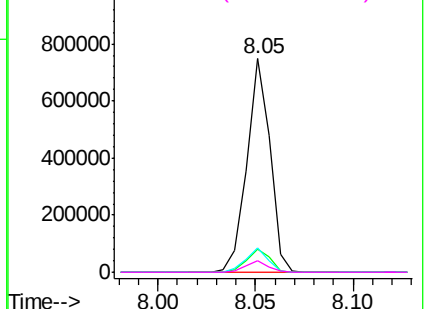
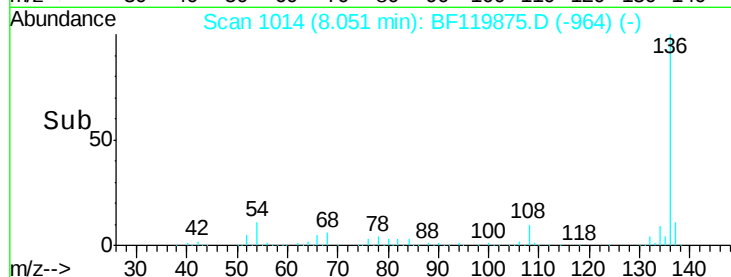
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion:136 Resp: 614571
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.2 8.5 12.7
68 5.5 3.9 5.9

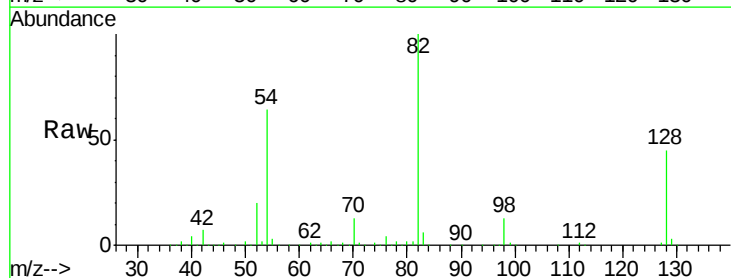


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

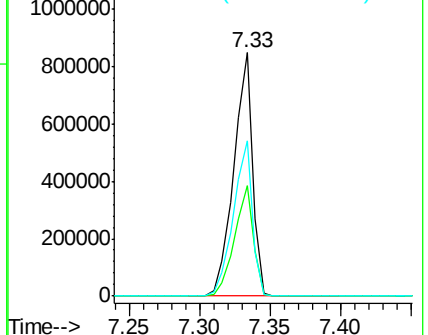
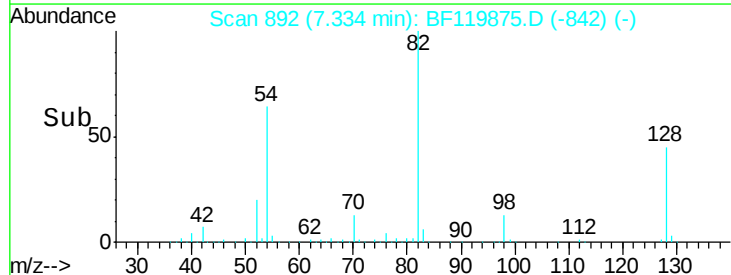


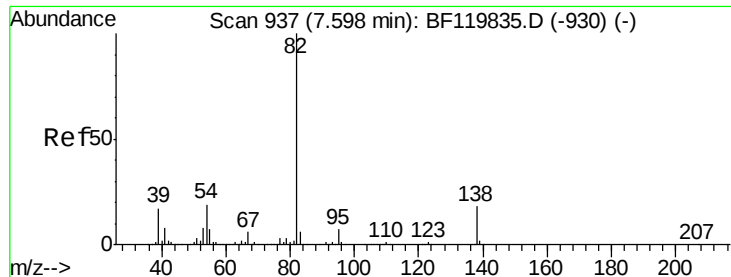
#23
Nitrobenzene-d5
Concen: 66.32 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Tgt Ion: 82 Resp: 787832
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 63.6 50.4 75.6



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: 34.25 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119875.D

Acq: 9 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

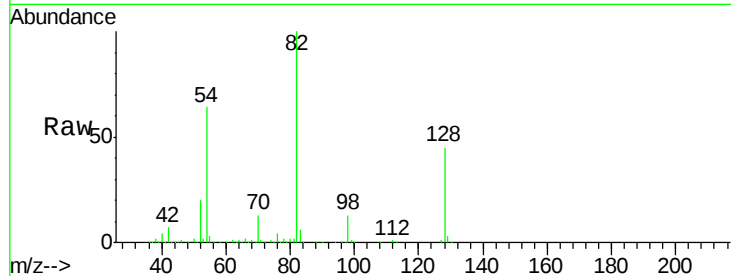
Tgt Ion: 82 Resp: 784237

Ion Ratio Lower Upper

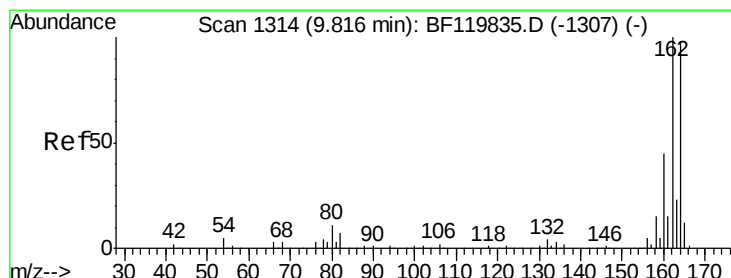
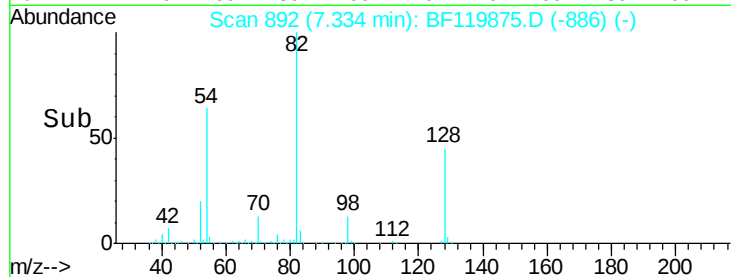
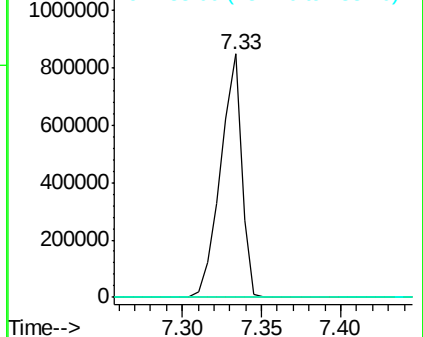
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119875.D

Acq: 9 Apr 2020 17:51

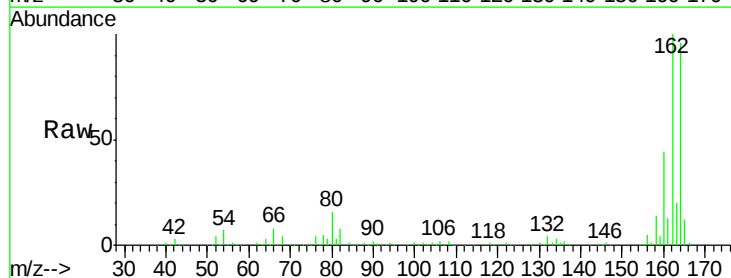
Tgt Ion: 164 Resp: 281130

Ion Ratio Lower Upper

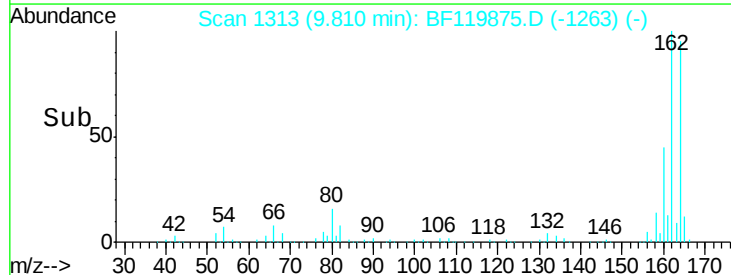
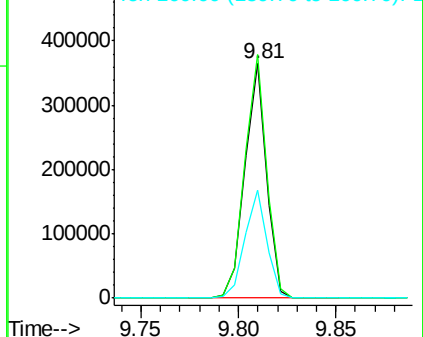
164 100

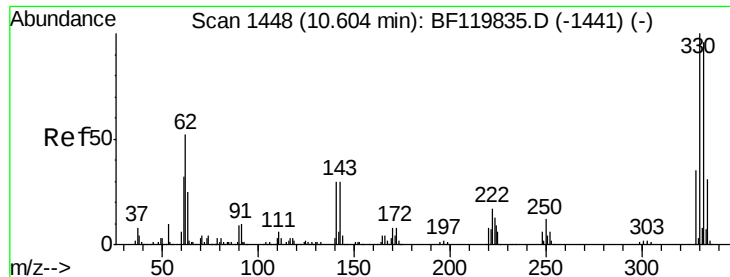
162 104.0 81.9 122.9

160 46.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

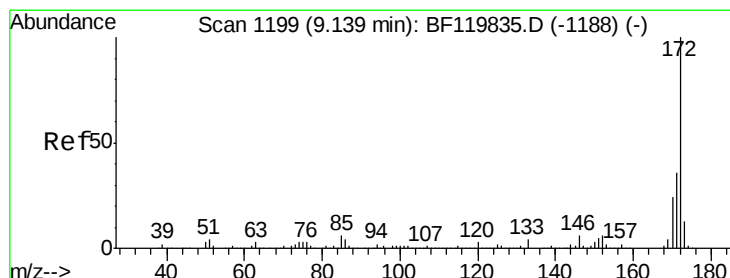
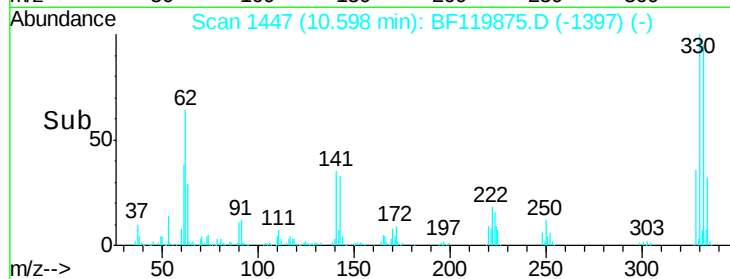
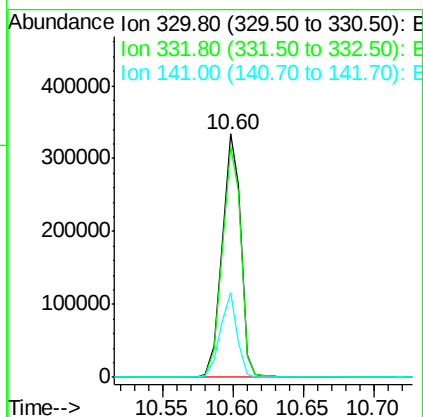
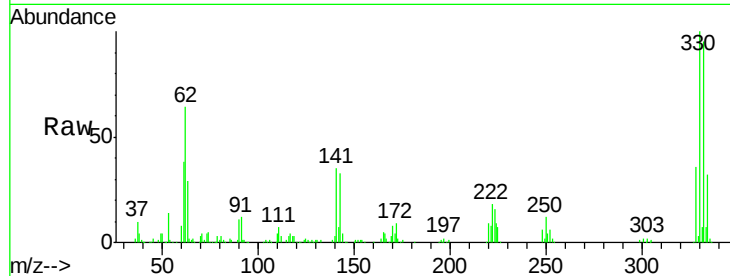




#42
 2,4,6-Tribromophenol
 Concen: 88.51 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119875.D
 Acq: 9 Apr 2020 17:51

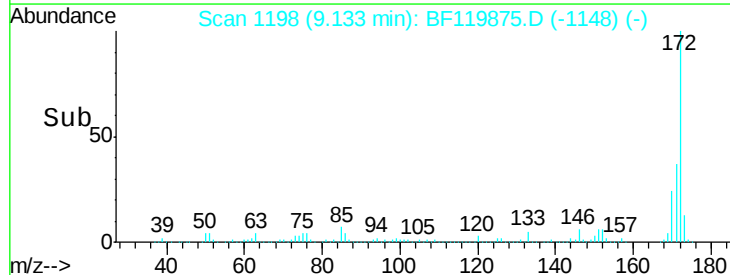
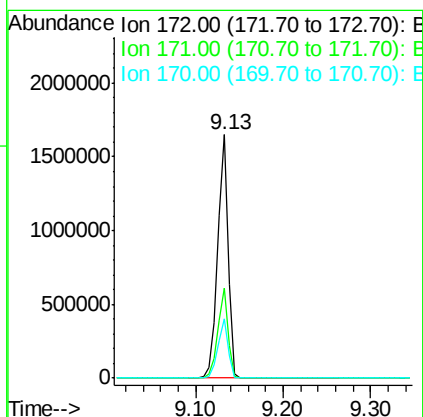
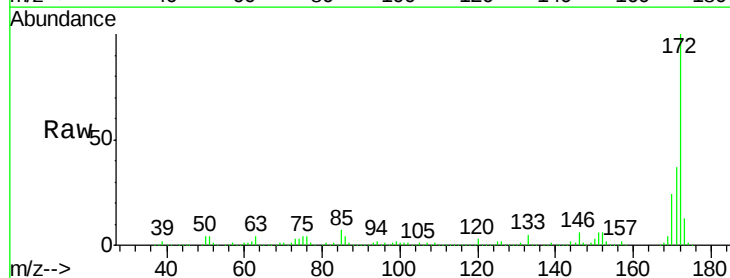
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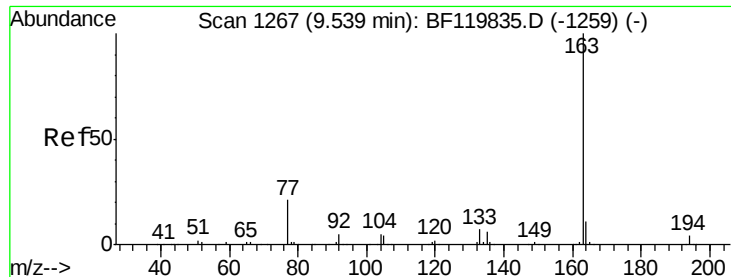
Tgt Ion:330 Resp: 304658
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 31.4 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 69.61 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119875.D
 Acq: 9 Apr 2020 17:51

Tgt Ion:172 Resp: 1378307
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.4 19.4 29.2

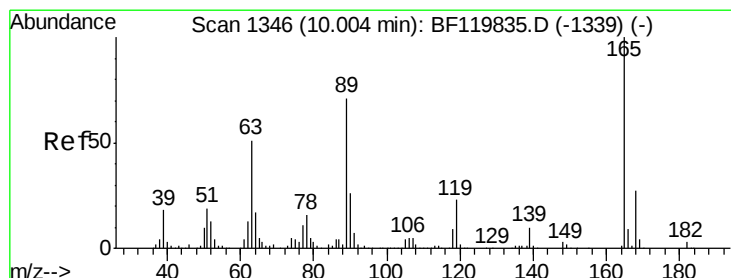
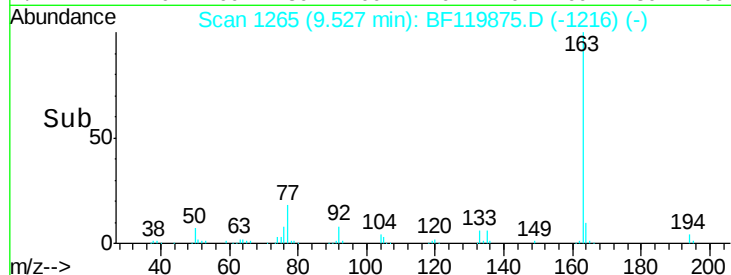
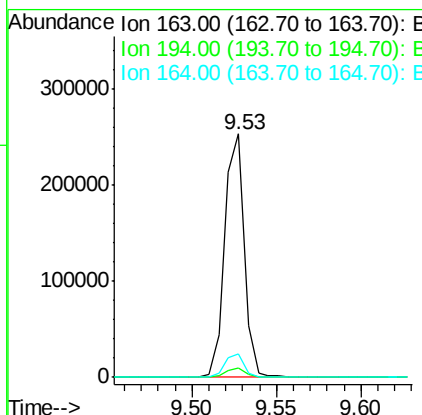
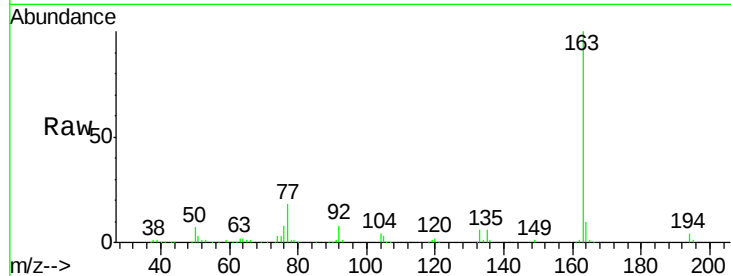




#50
Dimethylphthalate
Concen: 9.35 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

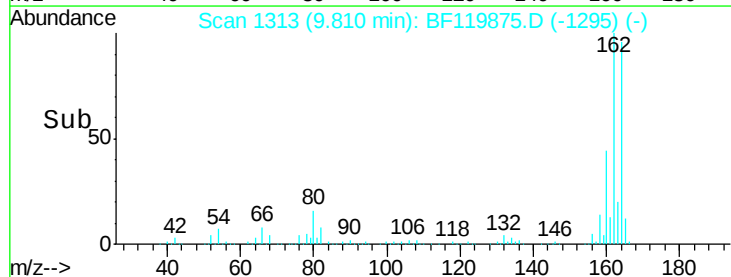
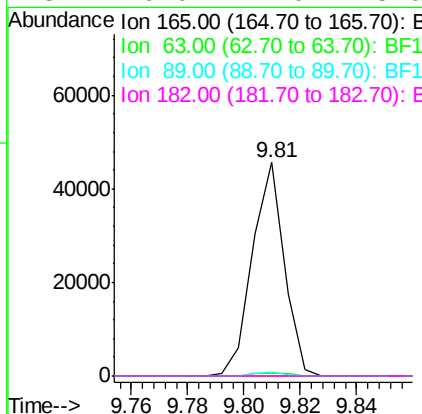
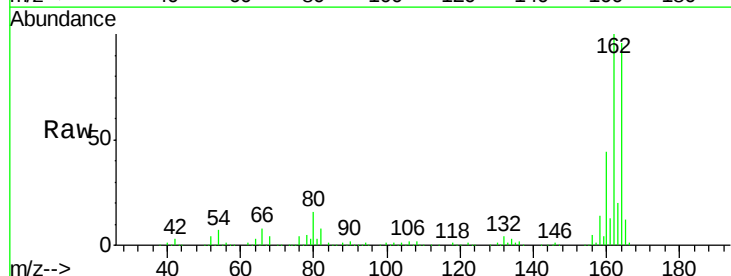
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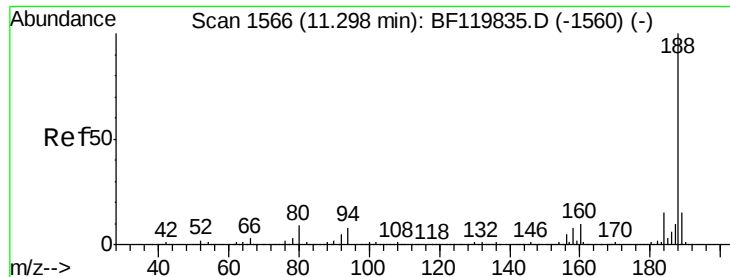
Tgt Ion:163 Resp: 203272
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.8 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Tgt Ion:165 Resp: 35854
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 1.9 56.9 85.3#
182 0.0 2.0 3.0#

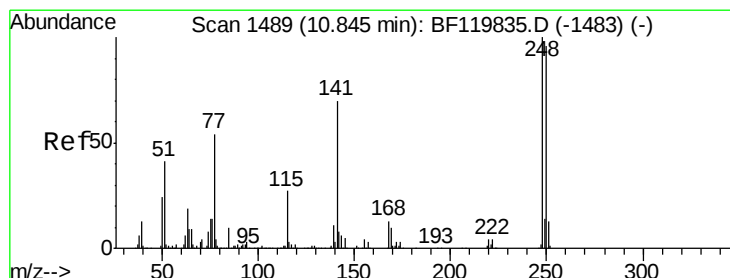
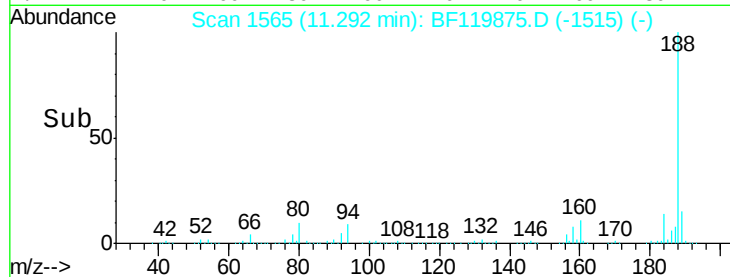
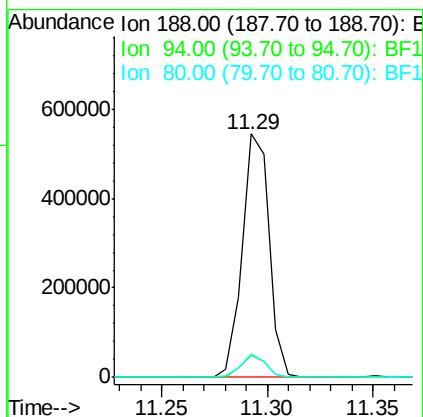
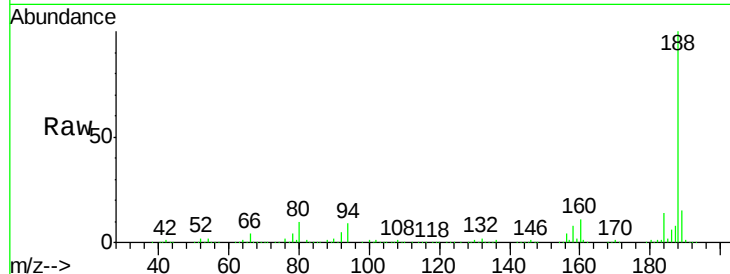




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

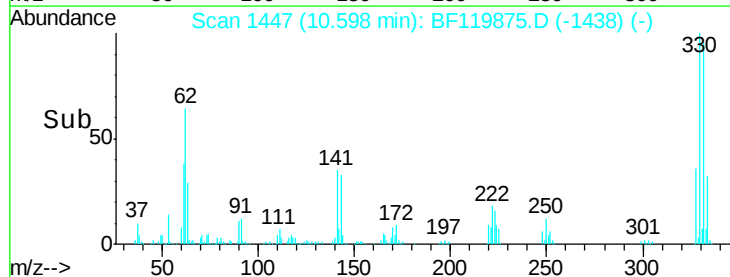
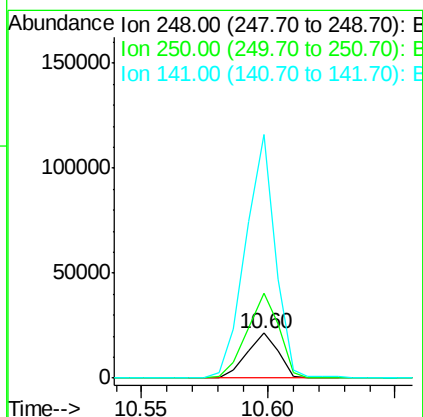
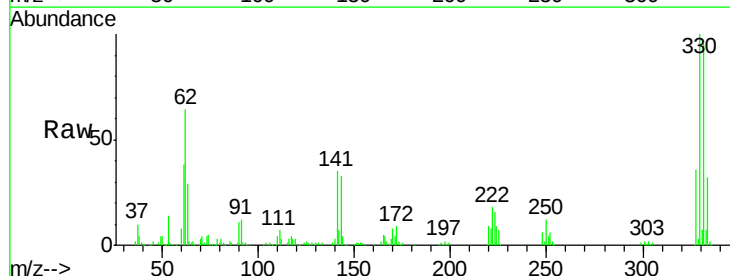
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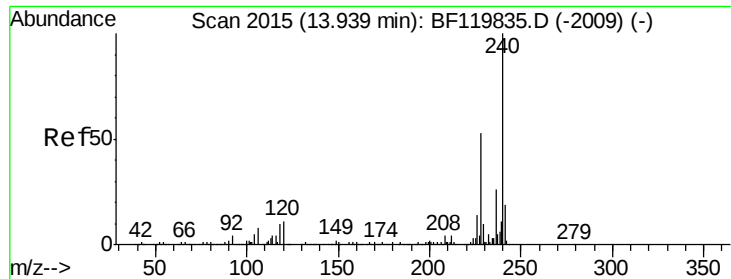
Tgt Ion:188 Resp: 479831
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.9 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Tgt Ion:248 Resp: 18643
Ion Ratio Lower Upper
248 100
250 190.7 76.6 114.8#
141 546.0 55.9 83.9#

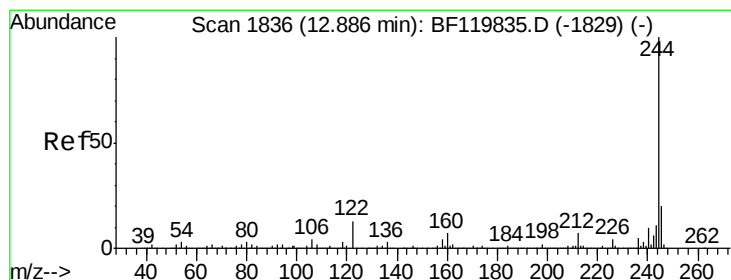
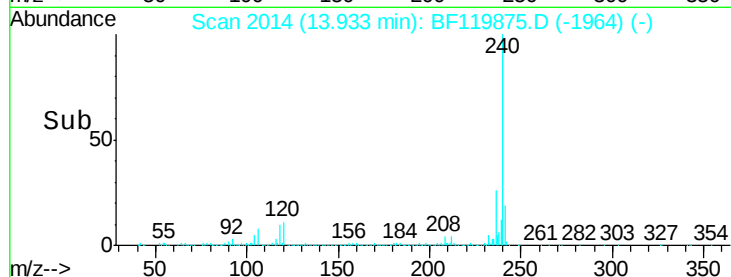
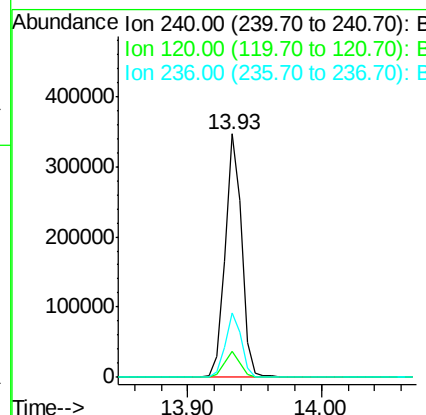
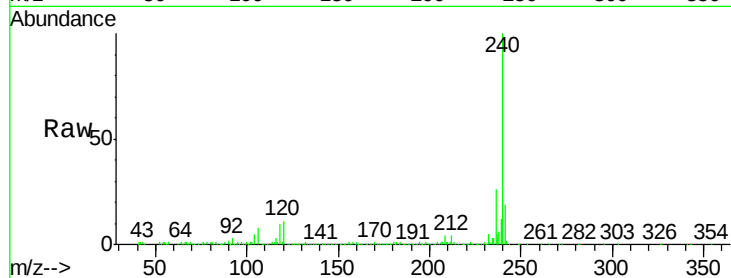




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

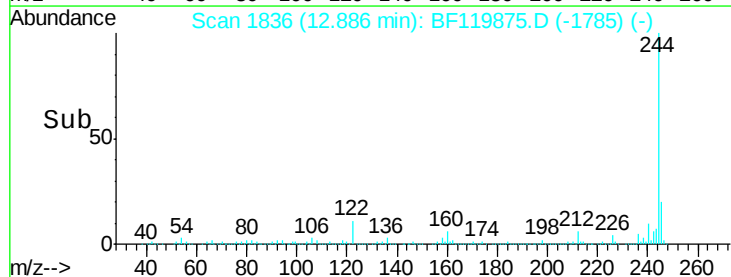
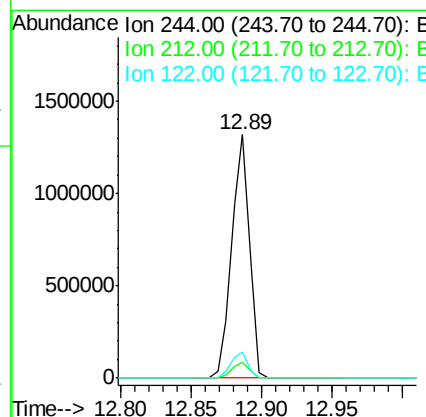
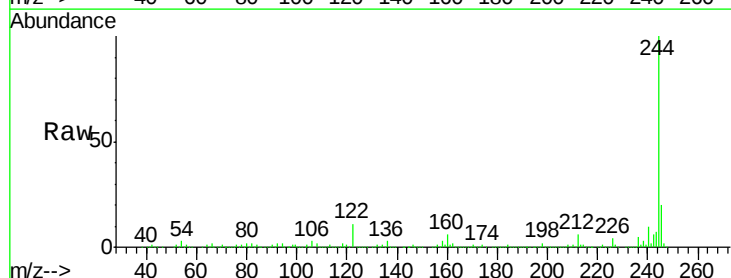
Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

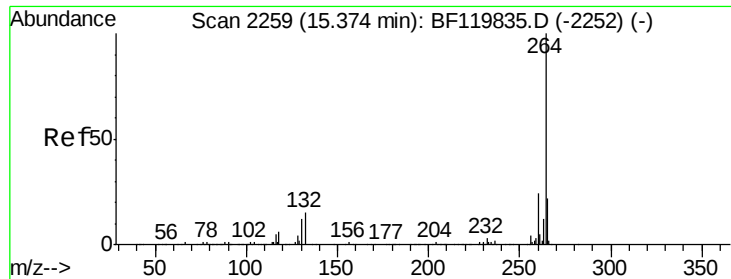
Tgt Ion:240 Resp: 302863
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 26.3 20.7 31.1



#79
Terphenyl-d14
Concen: 63.77 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Tgt Ion:244 Resp: 1147803
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 10.5 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119875.D
Acq: 9 Apr 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.2	17.6	26.4

