

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115884.D
 Acq On : 31 Jul 2019 23:26
 Operator : HP/JU
 Sample : K4066-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Aug 01 04:59:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

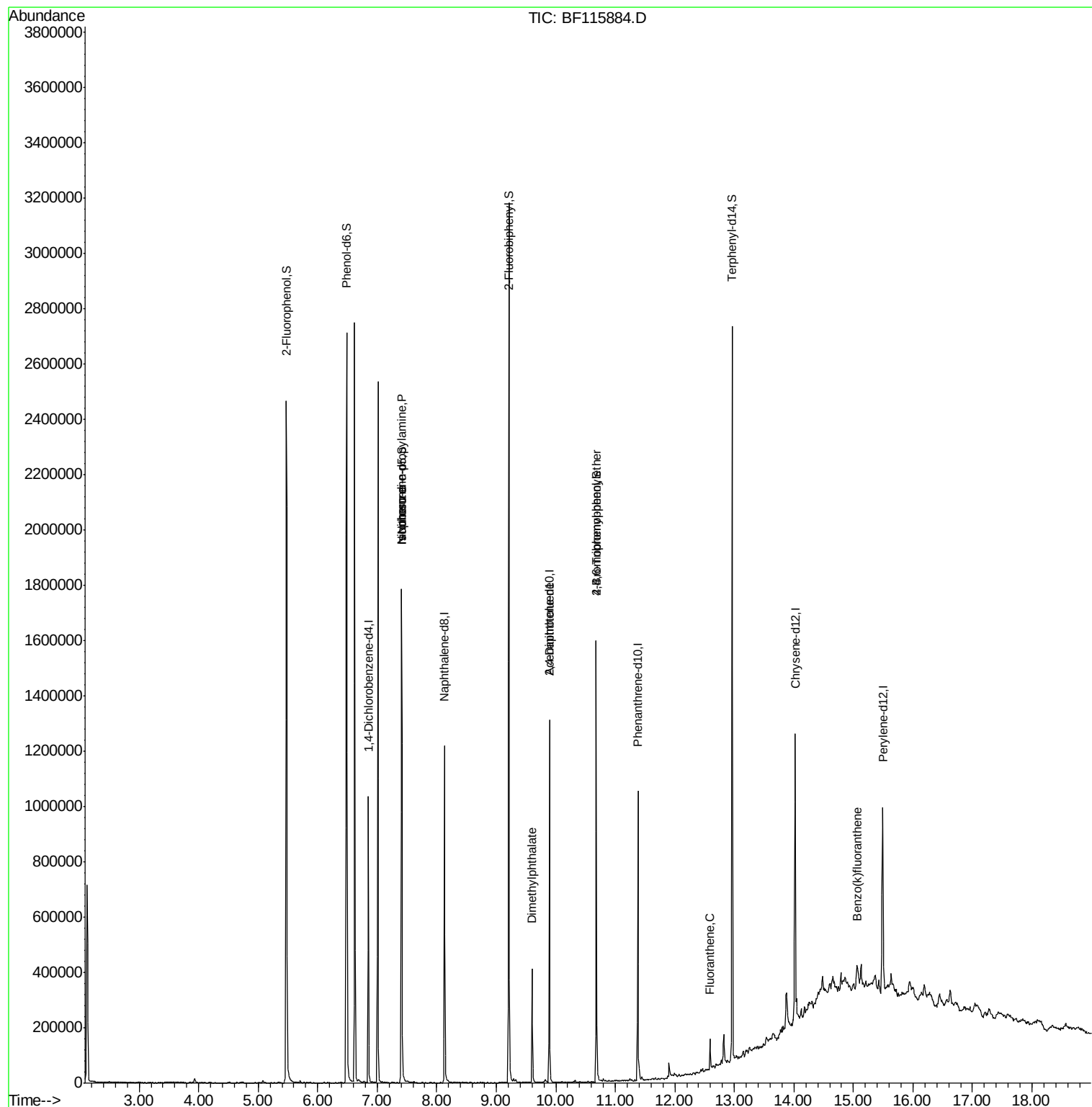
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140344	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	517234	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	243146	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	367354	20.00	ng	0.00
76) Chrysene-d12	14.02	240	332303	20.00	ng	0.00
87) Perylene-d12	15.49	264	325765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	734769	87.65	ng	0.00
7) Phenol-d6	6.49	99	953083	90.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	573091	63.96	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	185290	78.60	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	972955	74.95	ng	0.00
79) Terphenyl-d14	12.96	244	857849	54.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	76416	11.659	ng	# 79
25) Isophorone	7.41	82	573164	33.452	ng	# 66
50) Dimethylphthalate	9.60	163	156644	9.462	ng	99
57) 2,4-Dinitrotoluene	9.89	165	31579	6.592	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	11010	2.800	ng	# 1
75) Fluoranthene	12.59	202	40746	2.072	ng	99
89) Benzo(k)fluoranthene	15.06	252	37280	2.032	ng	# 81

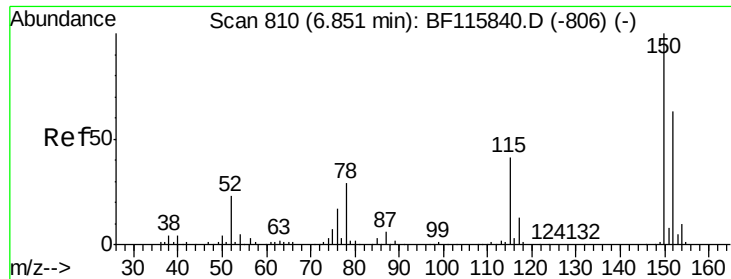
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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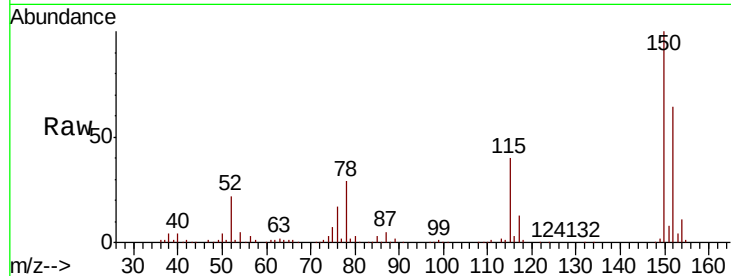


#1

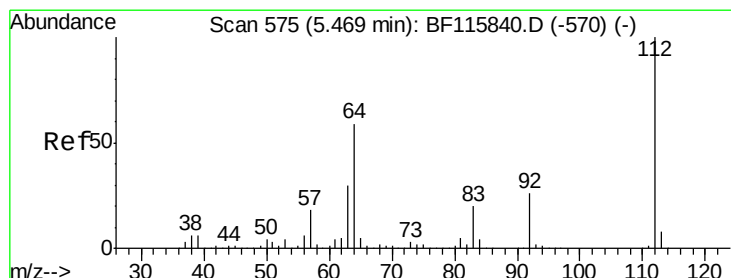
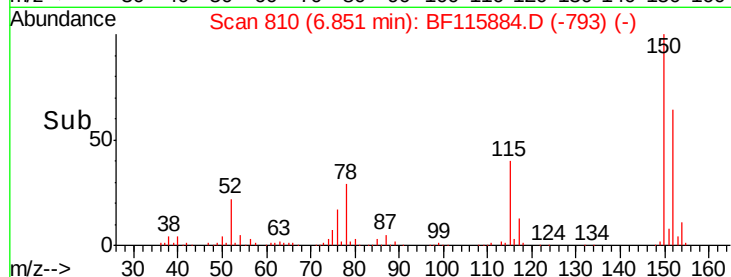
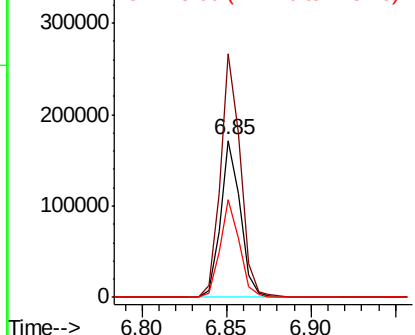
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115884.D
Acq: 31 Jul 2019 23:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 140344
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 62.4 51.8 77.8



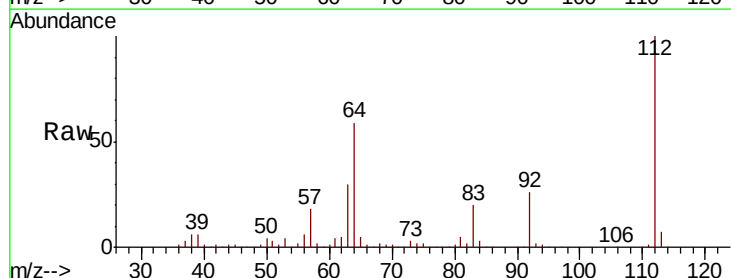
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



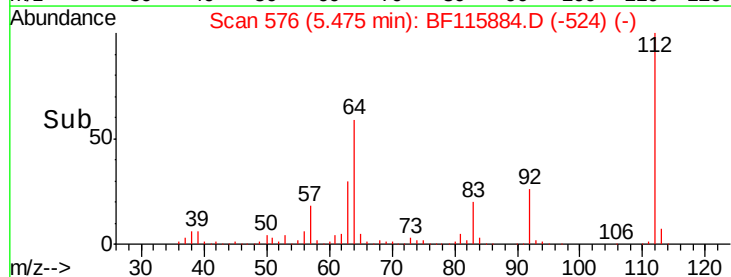
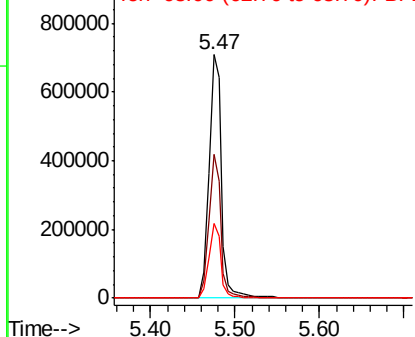
#5

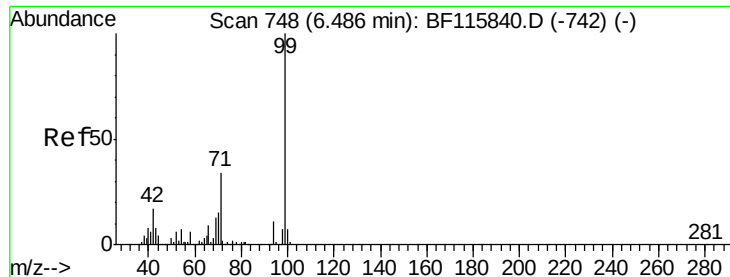
2-Fluorophenol
Concen: 87.645 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115884.D
Acq: 31 Jul 2019 23:26

Tgt Ion:112 Resp: 734769
Ion Ratio Lower Upper
112 100
64 58.8 46.8 70.2
63 30.5 24.2 36.2



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: 90.107 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

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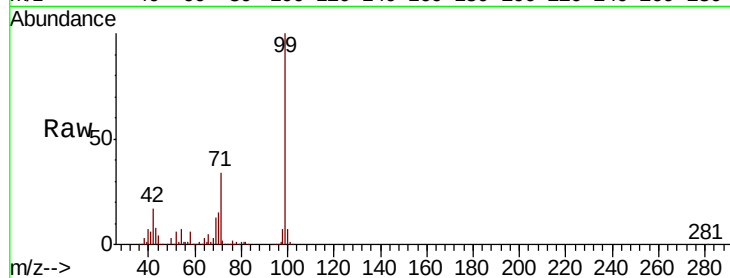
Tgt Ion: 99 Resp: 953083

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

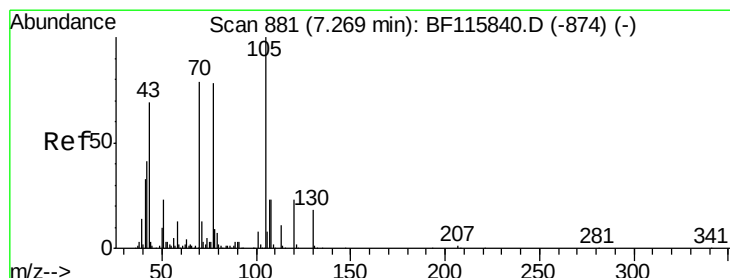
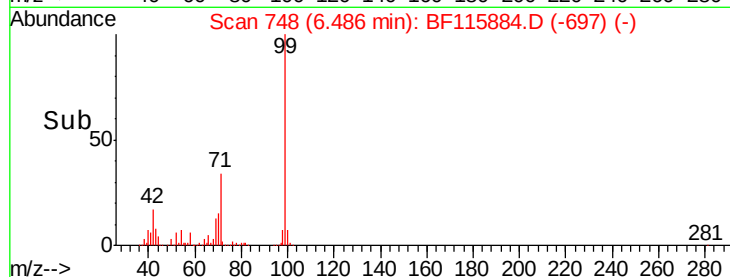
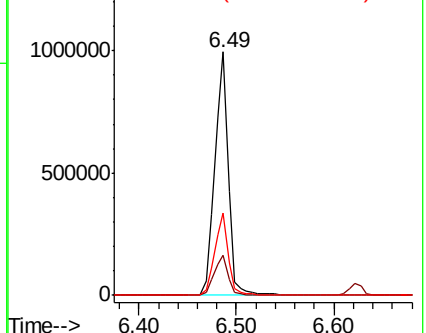
71 33.8 27.1 40.7



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: 11.659 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Tgt Ion: 70 Resp: 76416

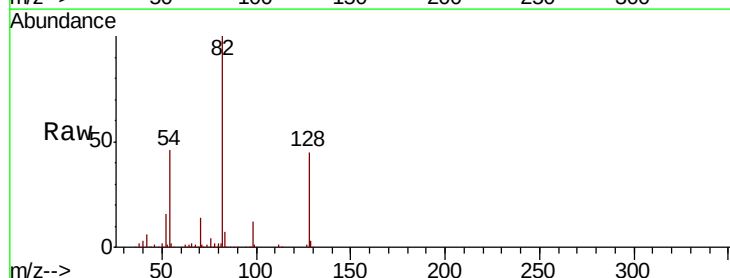
Ion Ratio Lower Upper

70 100

42 44.2 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

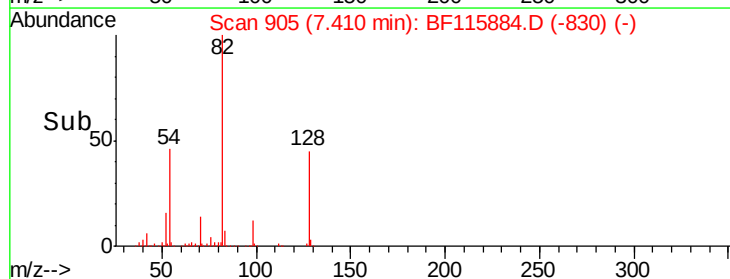
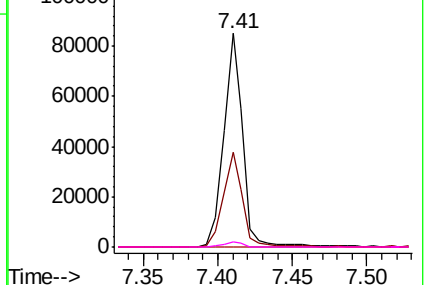


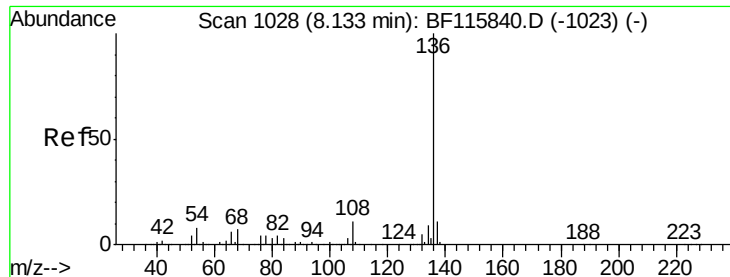
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

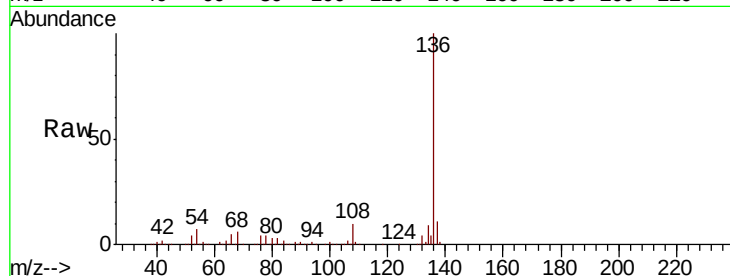




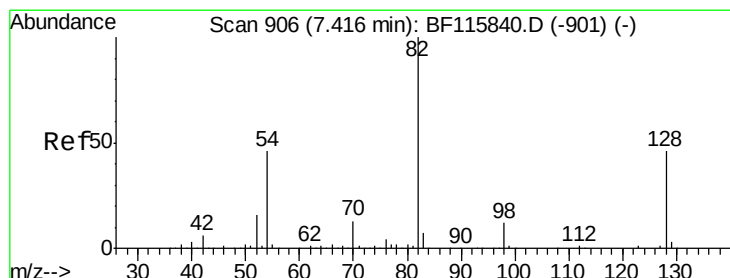
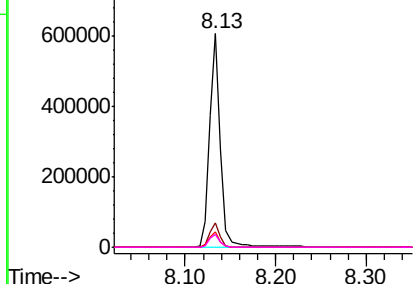
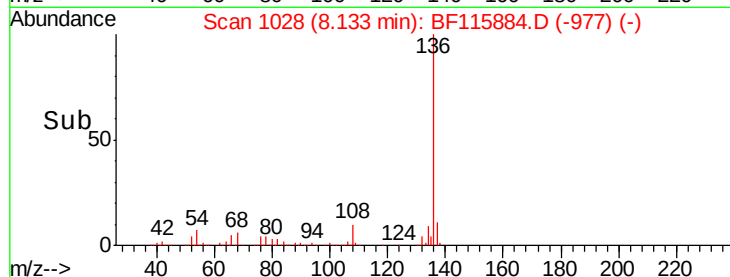
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115884.D
Acq: 31 Jul 2019 23:26

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:	136	Resp:	517234
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	6.1	9.1
68	5.7	5.4	8.2

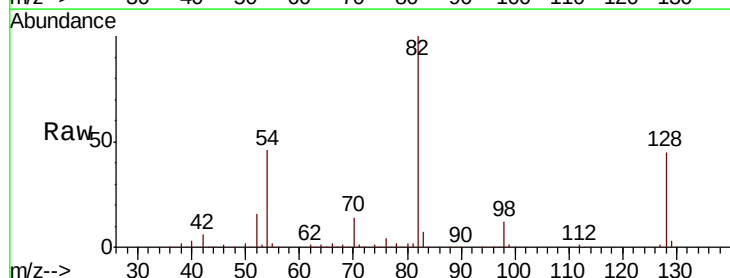


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

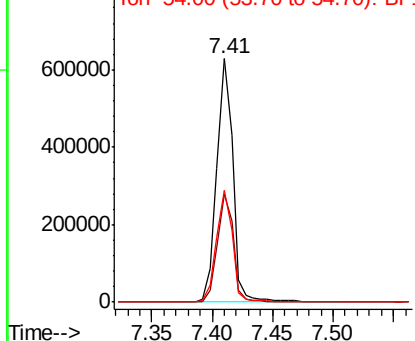
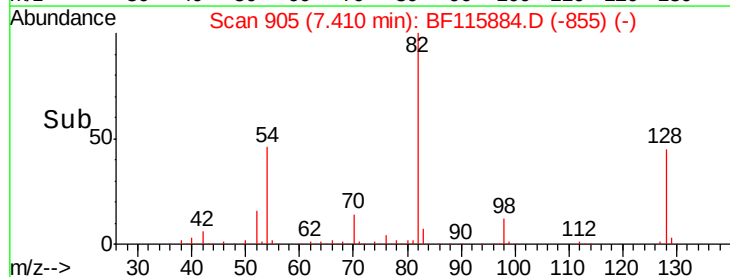


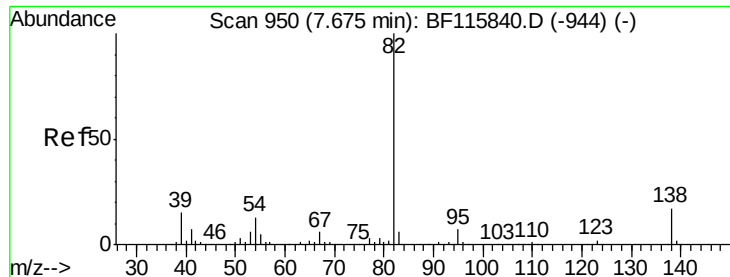
#23
Nitrobenzene-d5
Concen: 63.957 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115884.D
Acq: 31 Jul 2019 23:26

Tgt Ion:	82	Resp:	573091
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	45.8	36.6	55.0



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: 33.452 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

TP-11

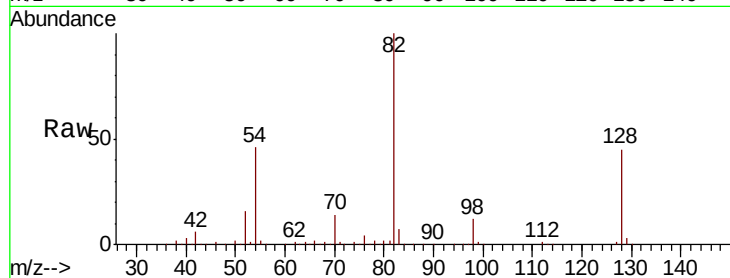
Tgt Ion: 82 Resp: 573164

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#

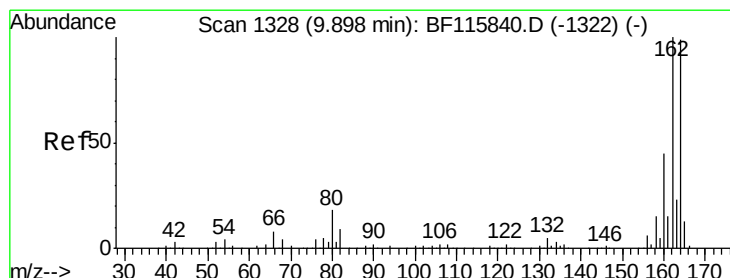
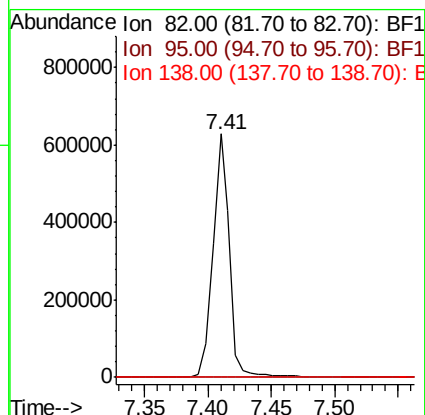
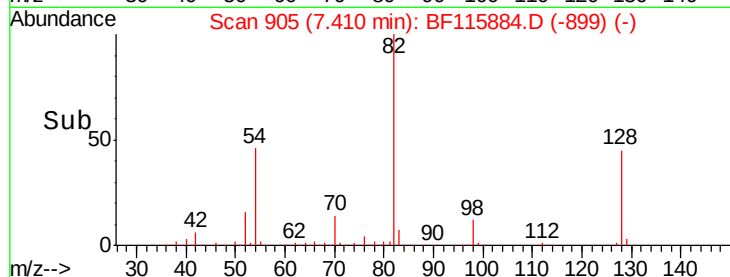


Abundance Ion 82.00 (81.70 to 82.70): BF115884.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115884.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115884.D (-899) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

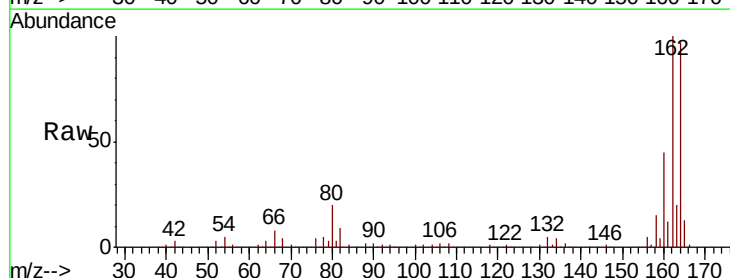
Tgt Ion: 164 Resp: 243146

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

160 46.4 36.2 54.4

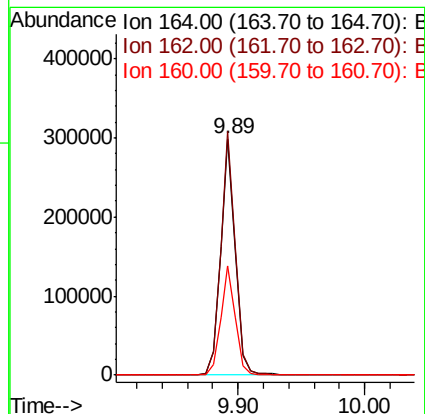
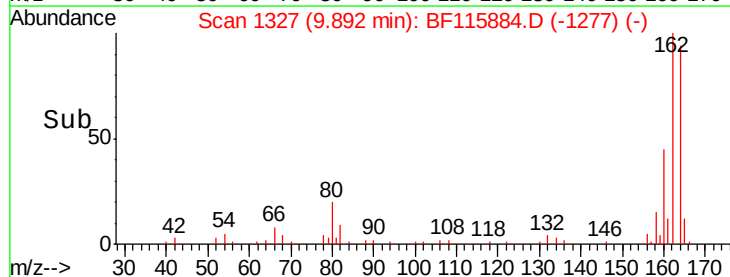


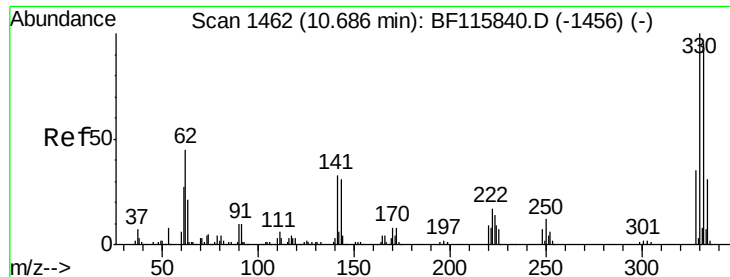
Abundance Ion 164.00 (163.70 to 164.70): BF115884.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115884.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115884.D (-1277) (-)

Time-->

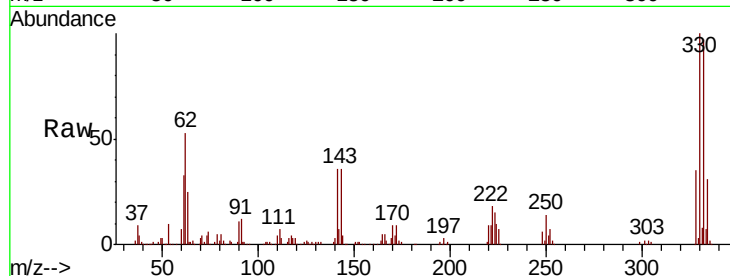




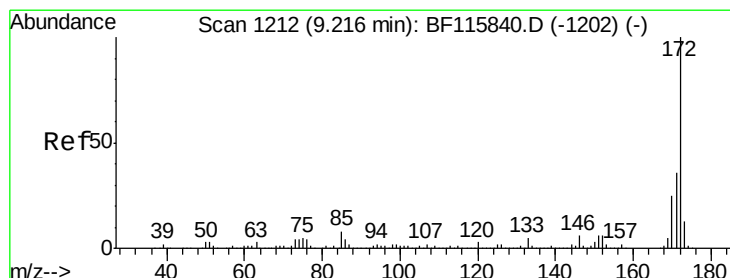
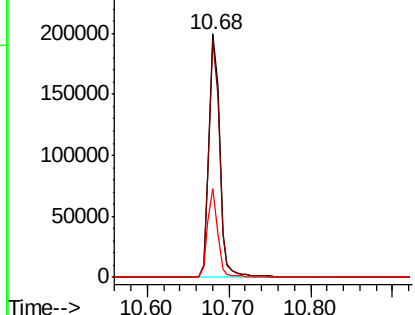
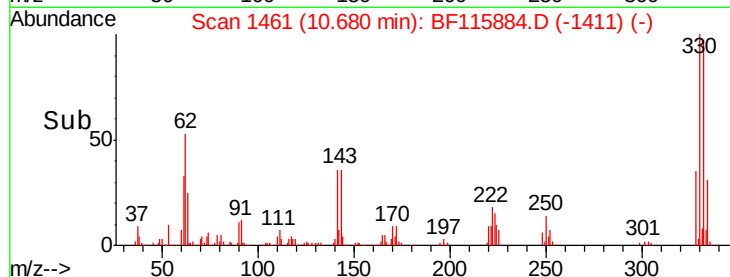
#42
 2,4,6-Tribromophenol
 Concen: 78.600 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115884.D
 Acq: 31 Jul 2019 23:26

Instrument :
 BNA_F
 ClientSampled :
 TP-11

Tgt Ion:330 Resp: 185290
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 34.7 28.1 42.1

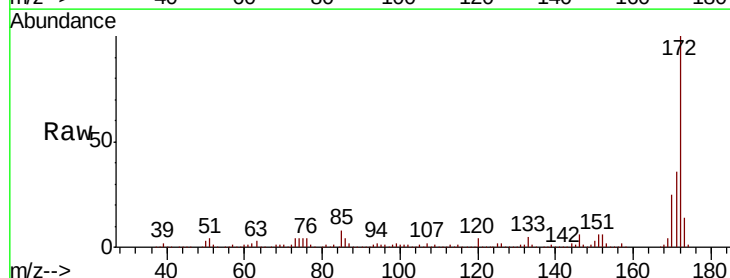


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

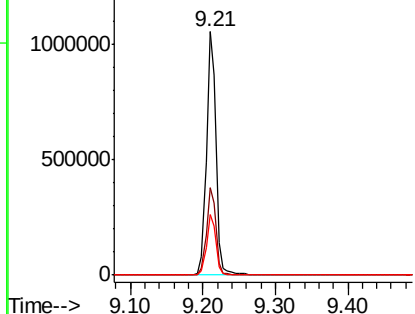
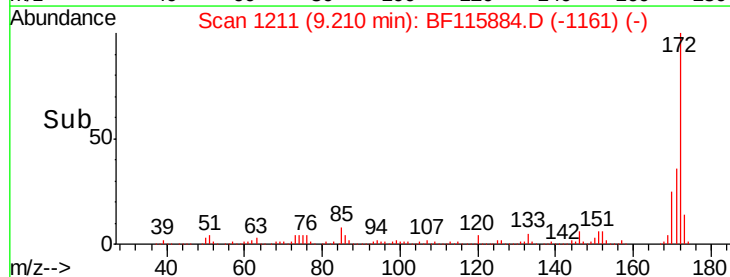


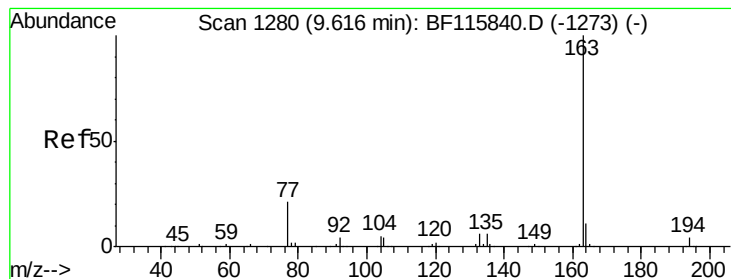
#45
 2-Fluorobiphenyl
 Concen: 74.952 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115884.D
 Acq: 31 Jul 2019 23:26

Tgt Ion:172 Resp: 972955
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.1 43.7
 170 24.6 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: 9.462 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

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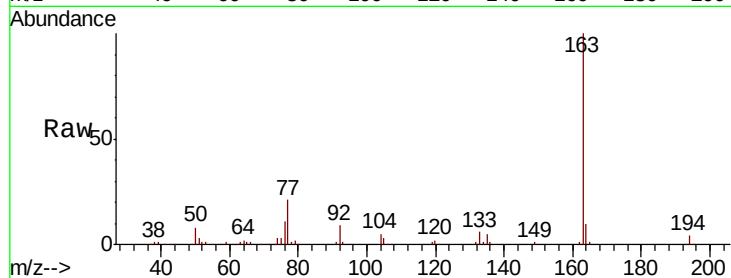
Tgt Ion:163 Resp: 156644

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

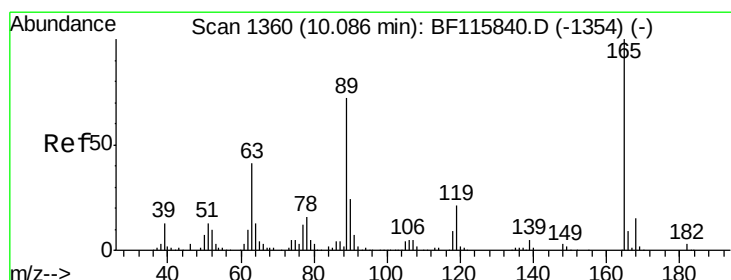
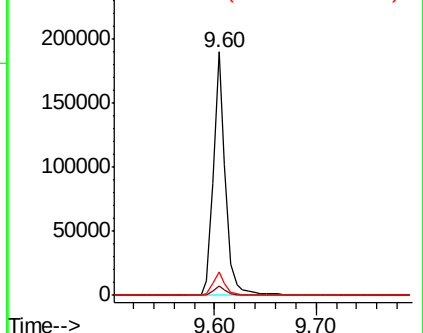
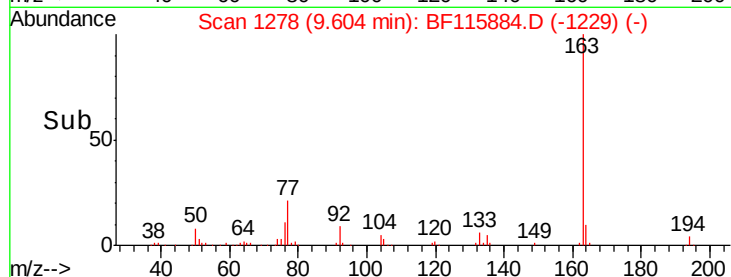
164 9.9 8.4 12.6



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: 6.592 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Tgt Ion:165 Resp: 31579

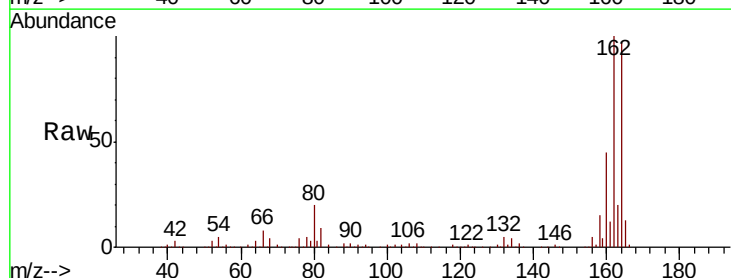
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.4 57.3 85.9#

182 0.0 2.1 3.1#

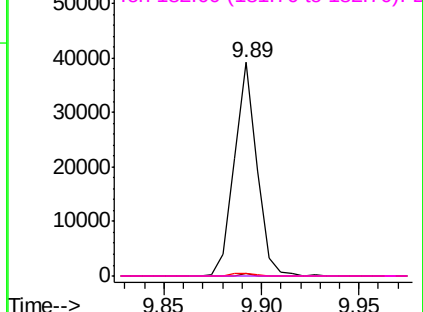
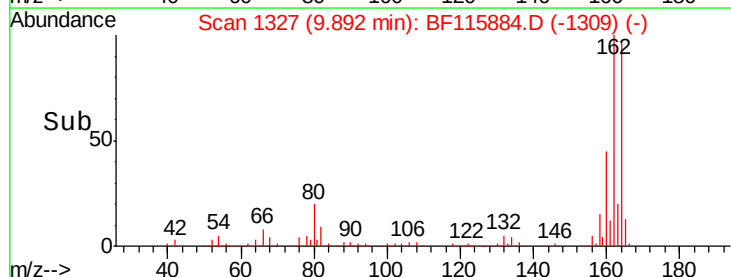


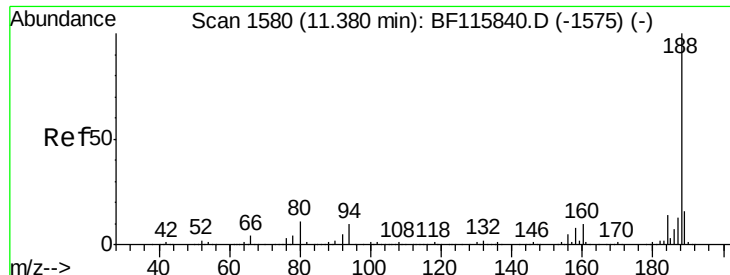
Abundance Ion 165.00 (164.70 to 165.70): E

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

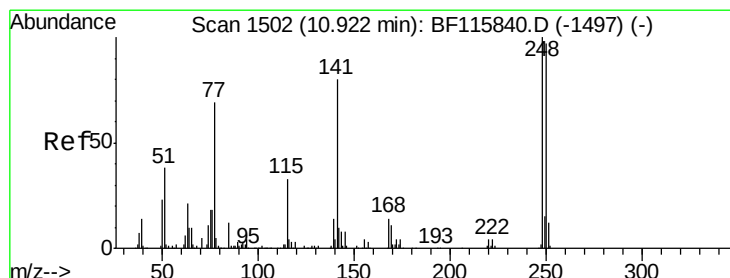
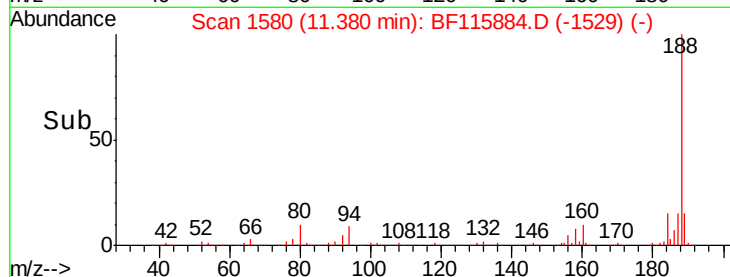
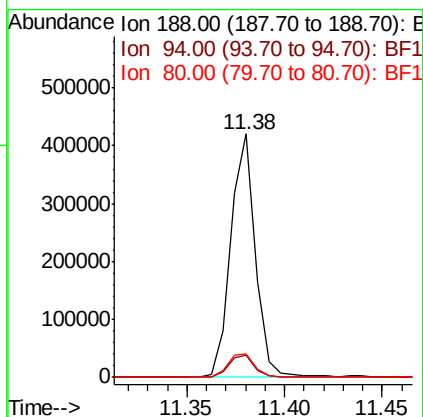
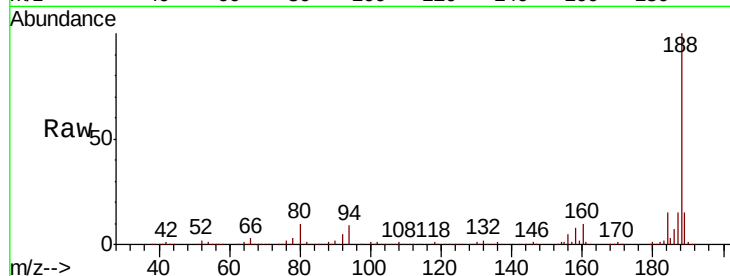




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115884.D
 Acq: 31 Jul 2019 23:26

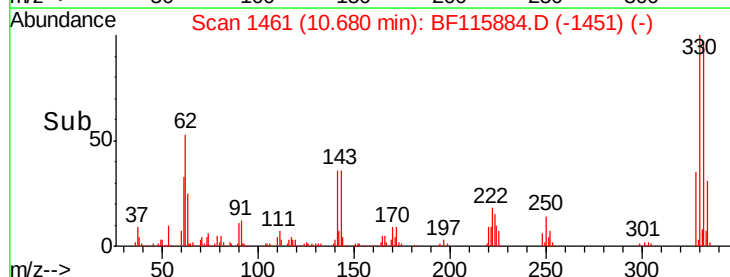
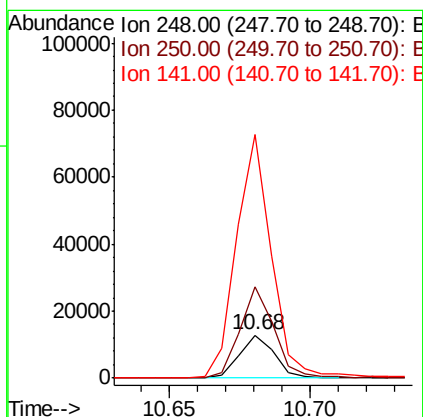
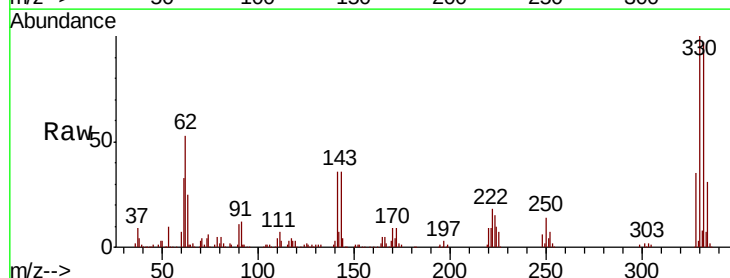
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

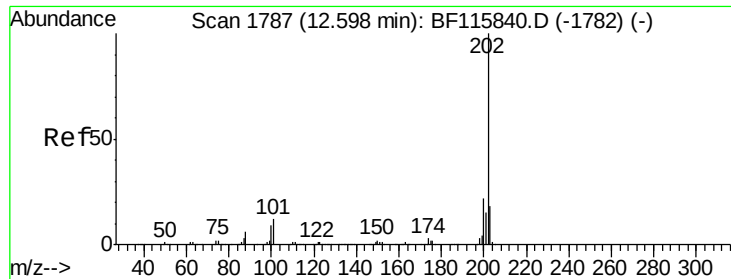
Tgt Ion:188 Resp: 367354
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.0 12.0
 80 9.7 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.800 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115884.D
 Acq: 31 Jul 2019 23:26

Tgt Ion:248 Resp: 11010
 Ion Ratio Lower Upper
 248 100
 250 210.7 77.8 116.6#
 141 564.5 64.3 96.5#





#75

Fluoranthene

Concen: 2.072 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

TP-11

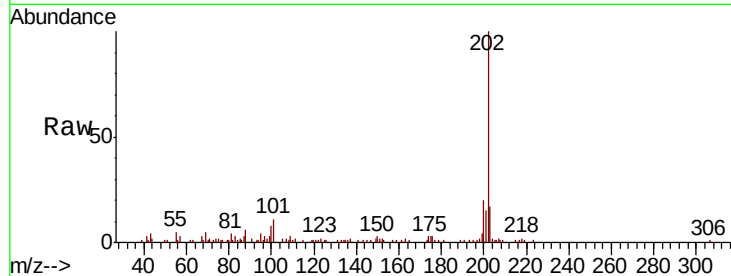
Tgt Ion:202 Resp: 40746

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

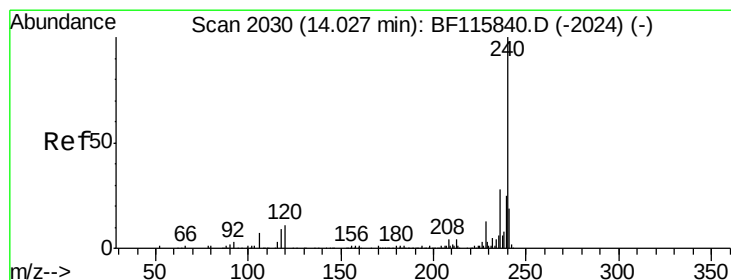
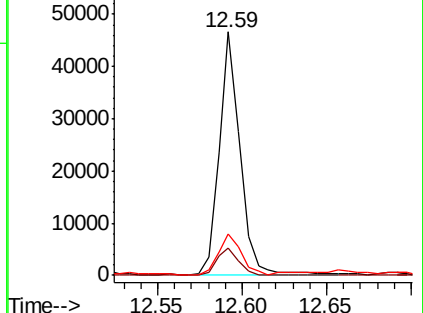
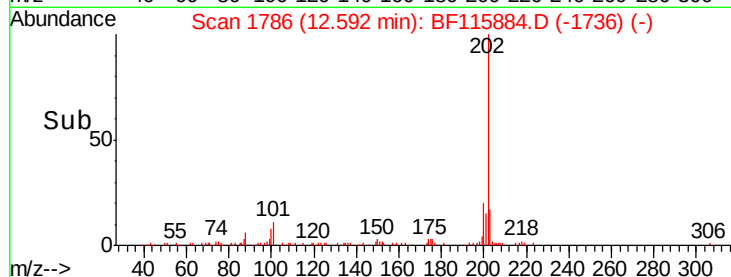
203 17.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

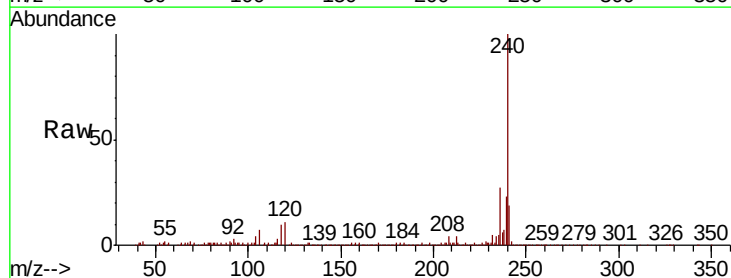
Tgt Ion:240 Resp: 332303

Ion Ratio Lower Upper

240 100

120 11.1 8.5 12.7

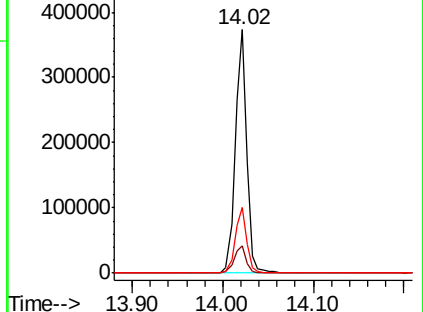
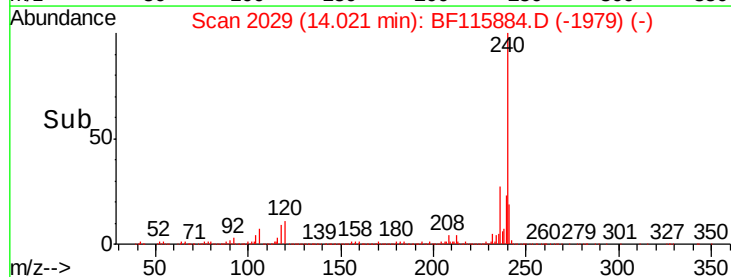
236 27.1 22.2 33.2

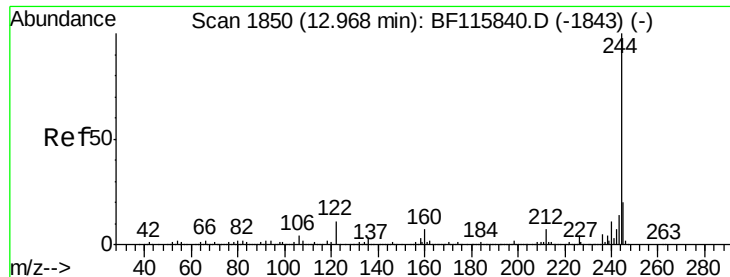


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.397 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

TP-11

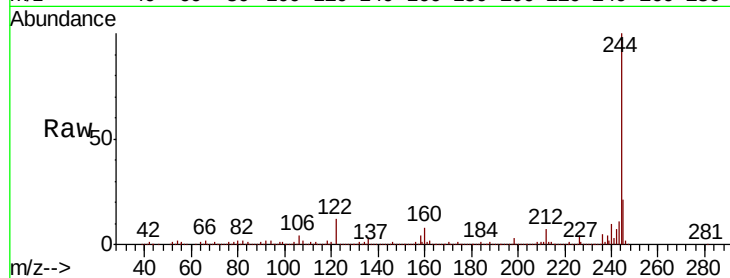
Tgt Ion:244 Resp: 857849

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

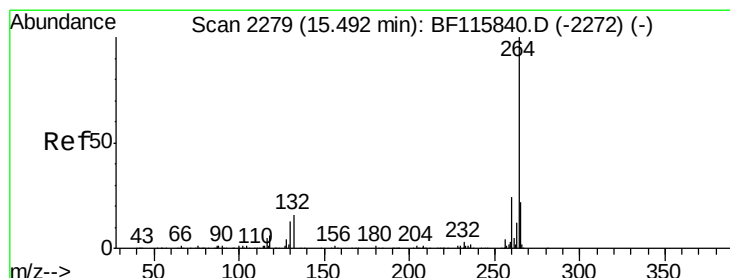
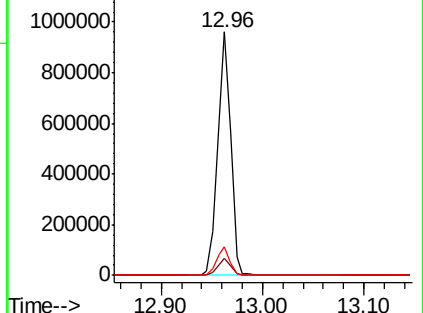
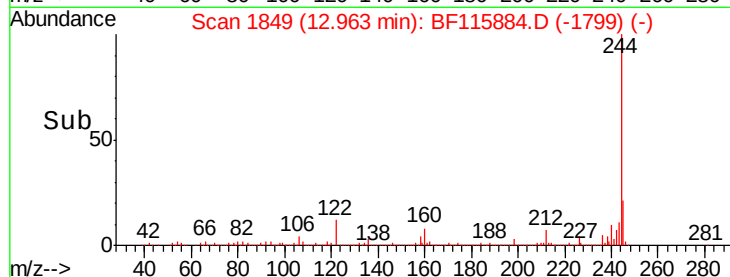
122 12.0 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

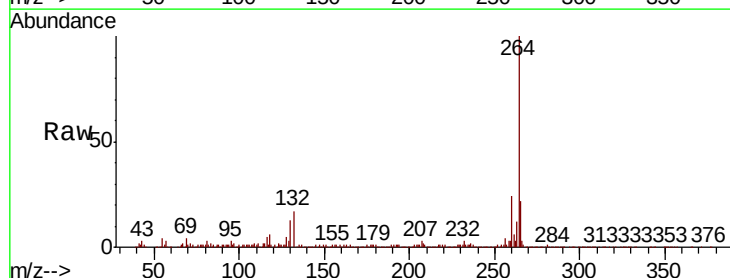
Tgt Ion:264 Resp: 325765

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

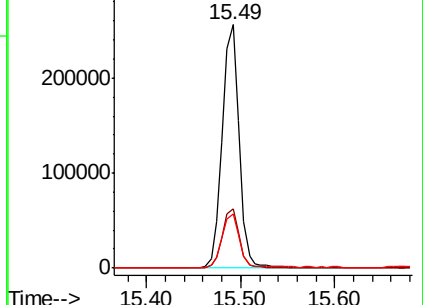
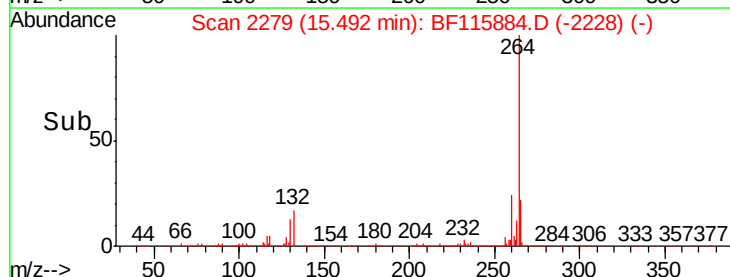
265 22.2 17.5 26.3

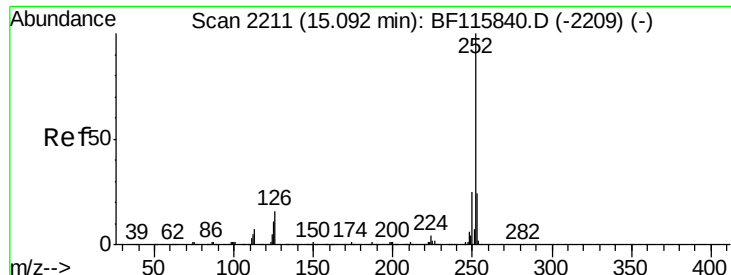


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.032 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BF115884.D

Acq: 31 Jul 2019 23:26

Instrument :

BNA_F

ClientSampleId :

TP-11

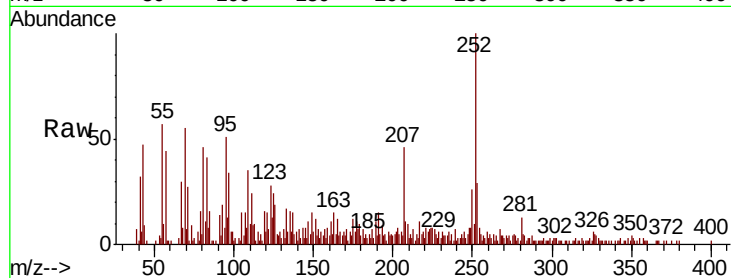
Tgt Ion: 252 Resp: 37280

Ion Ratio Lower Upper

252 100

253 28.7 18.2 27.4#

125 23.7 8.9 13.3#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

