

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115883.D
 Acq On : 31 Jul 2019 22:59
 Operator : HP/JU
 Sample : K4066-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 01 04:59:40 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

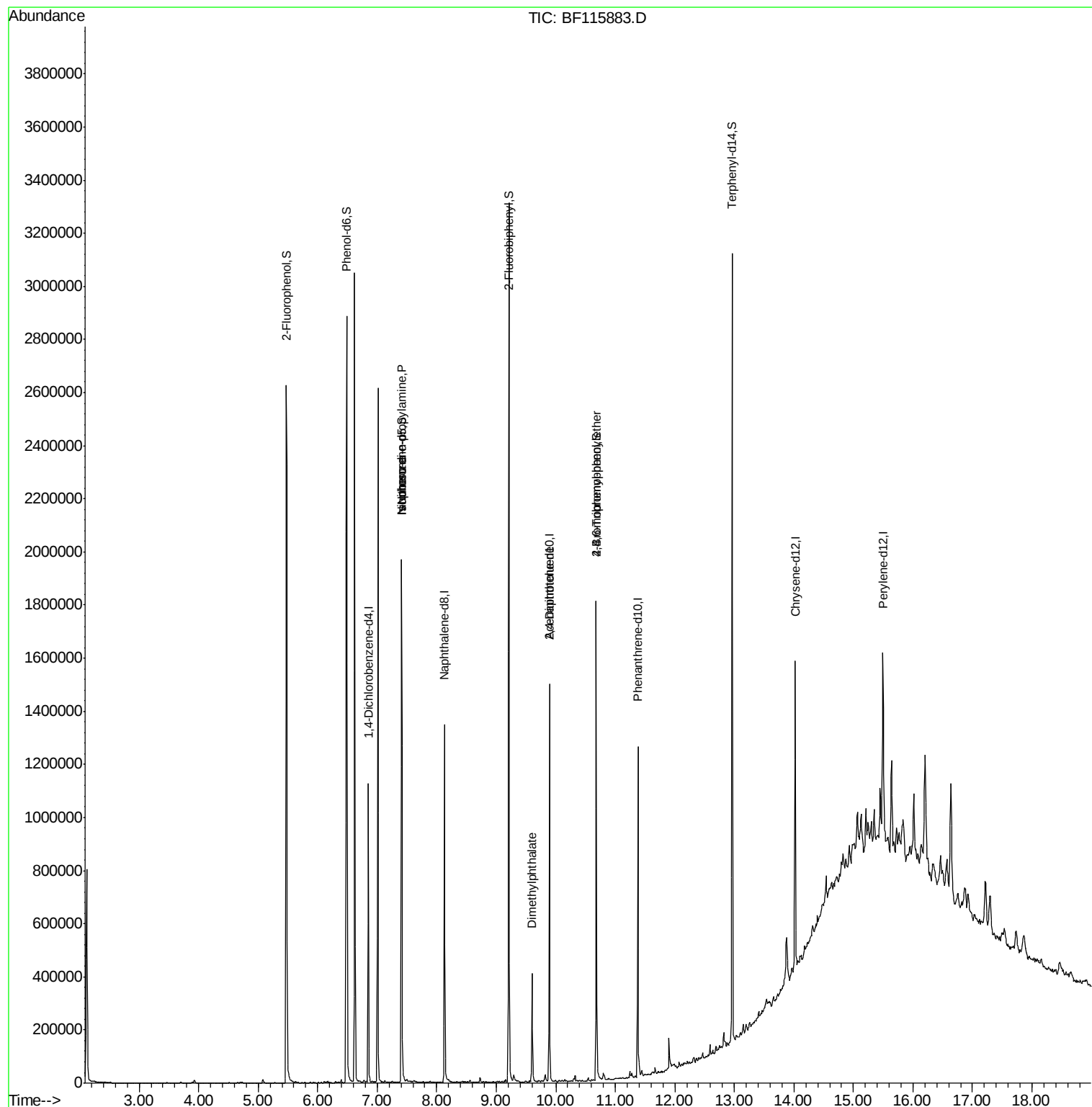
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152400	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573528	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	283301	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	438904	20.00	ng	0.00
76) Chrysene-d12	14.02	240	365844	20.00	ng	0.00
87) Perylene-d12	15.50	264	344127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	804830	88.41	ng	0.00
7) Phenol-d6	6.49	99	1049544	91.38	ng	0.00
23) Nitrobenzene-d5	7.41	82	637548	64.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	222671	81.07	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1051284	69.51	ng	0.00
79) Terphenyl-d14	12.96	244	995343	57.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	85691	12.040	ng	Qvalue # 80
25) Isophorone	7.41	82	635041	33.425	ng	# 66
50) Dimethylphthalate	9.60	163	153991	7.983	ng	99
57) 2,4-Dinitrotoluene	9.89	165	37114	6.650	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	13640	2.903	ng	# 1

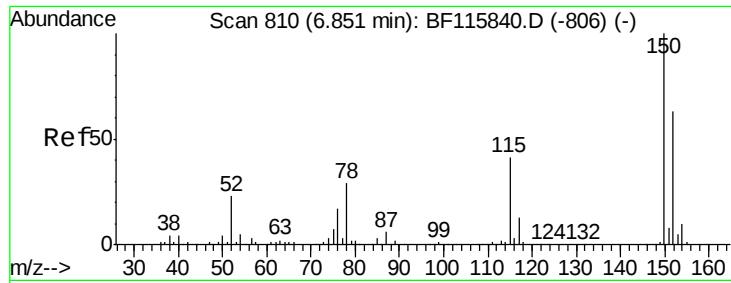
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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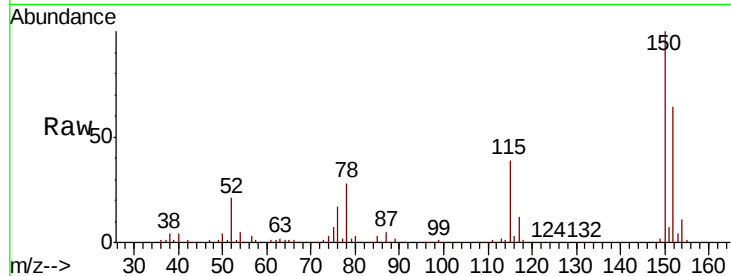




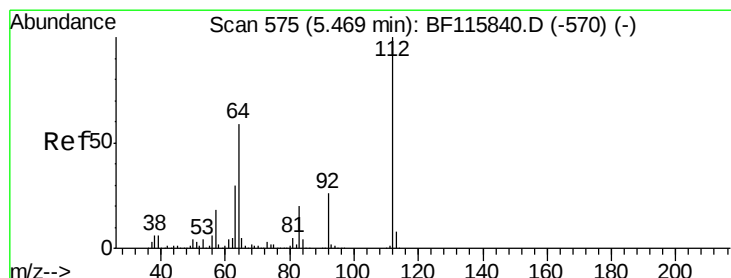
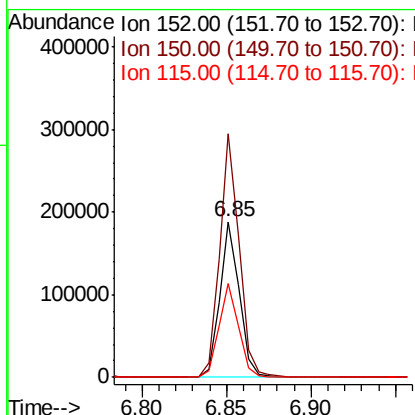
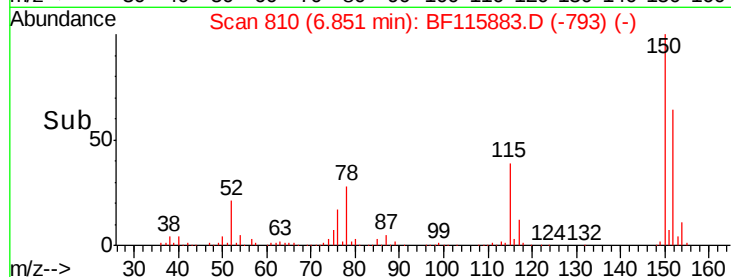
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115883.D
 Acq: 31 Jul 2019 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion:152 Resp: 152400
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.0
 115 60.6 51.8 77.8

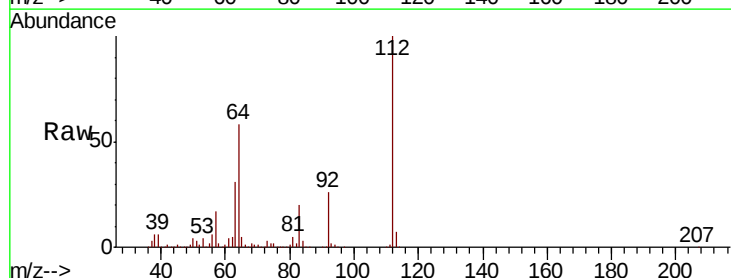


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

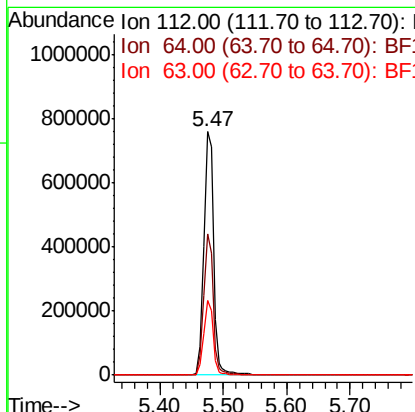
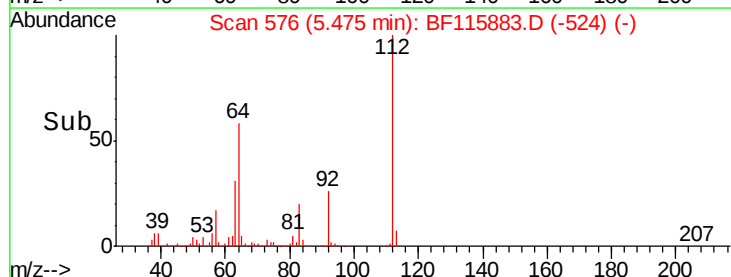


#5
 2-Fluorophenol
 Concen: 88.408 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115883.D
 Acq: 31 Jul 2019 22:59

Tgt Ion:112 Resp: 804830
 Ion Ratio Lower Upper
 112 100
 64 58.1 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: 91.377 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

Instrument :

BNA_F

ClientSampleId :

TP-12

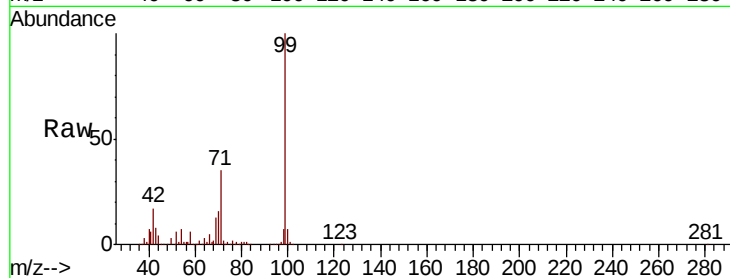
Tgt Ion: 99 Resp: 1049544

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.6

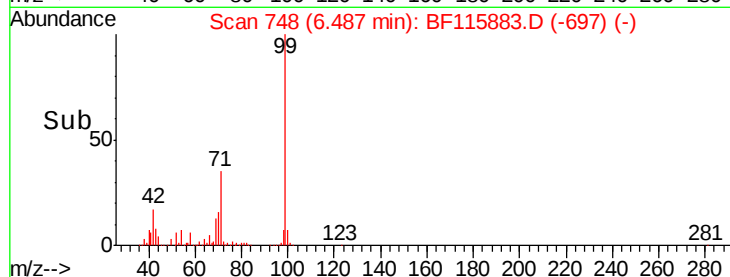
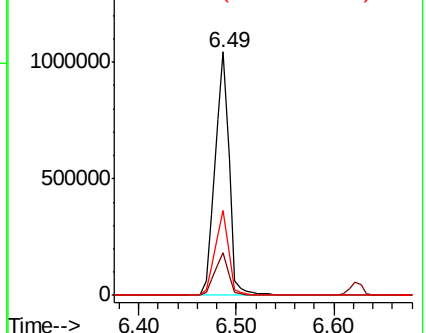
71 34.9 27.1 40.7



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: 12.040 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

Tgt Ion: 70 Resp: 85691

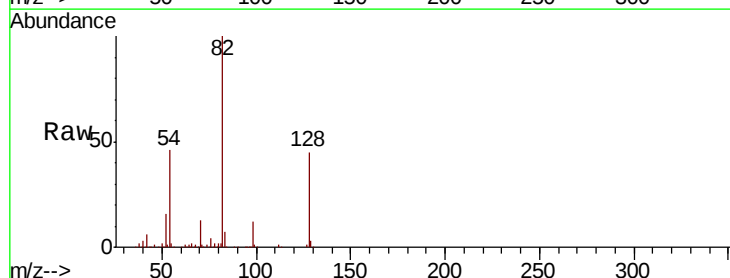
Ion Ratio Lower Upper

70 100

42 45.1 41.8 62.8

101 0.0 7.7 11.5#

130 2.1 17.8 26.6#

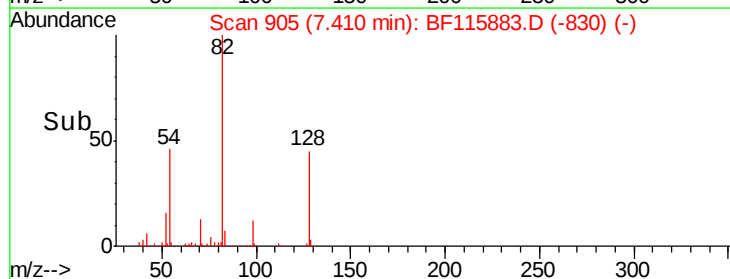
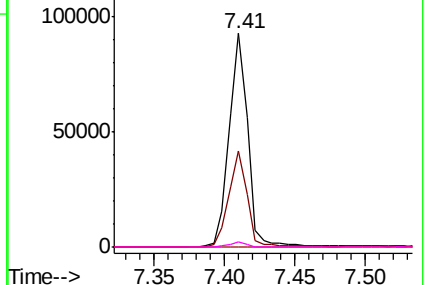


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

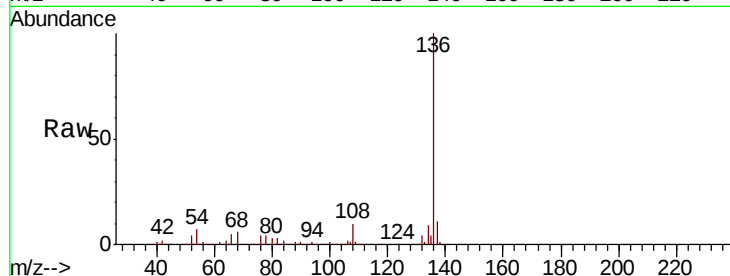




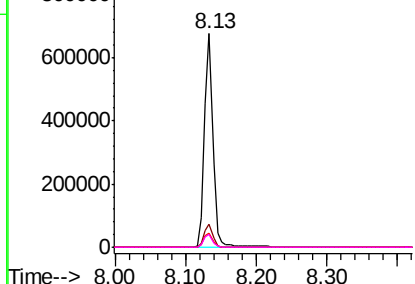
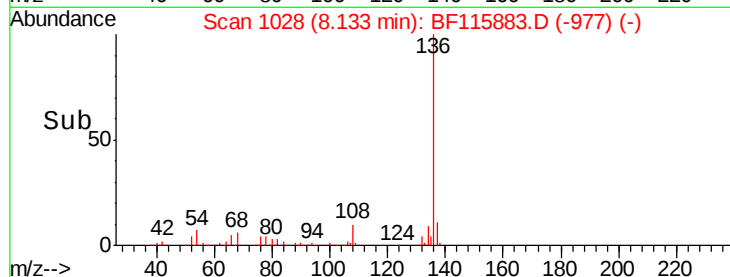
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Instrument :
BNA_F
ClientSampled :
TP-12

Tgt Ion: 136 Resp: 573528
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.7 6.1 9.1
68 6.0 5.4 8.2

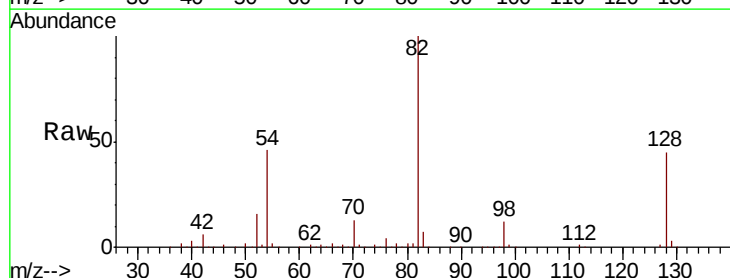


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

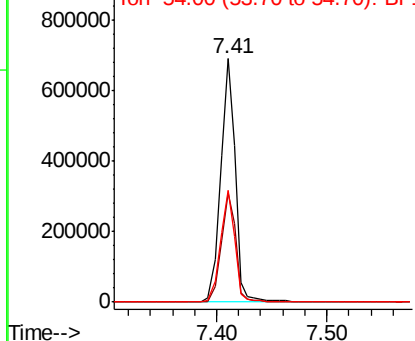
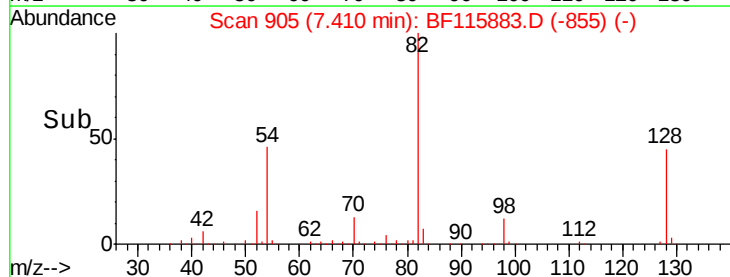


#23
Nitrobenzene-d5
Concen: 64.166 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Tgt Ion: 82 Resp: 637548
Ion Ratio Lower Upper
82 100
128 44.9 36.6 55.0
54 46.1 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: 33.425 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

Instrument :

BNA_F

ClientSampled :

TP-12

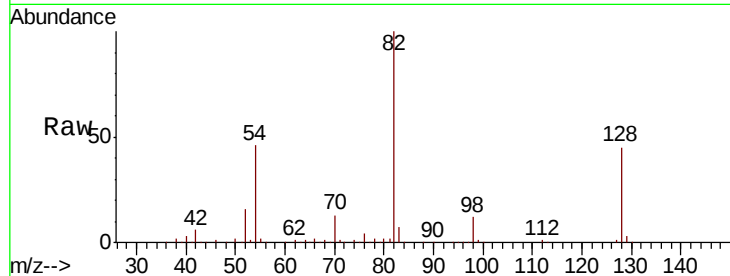
Tgt Ion: 82 Resp: 635041

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

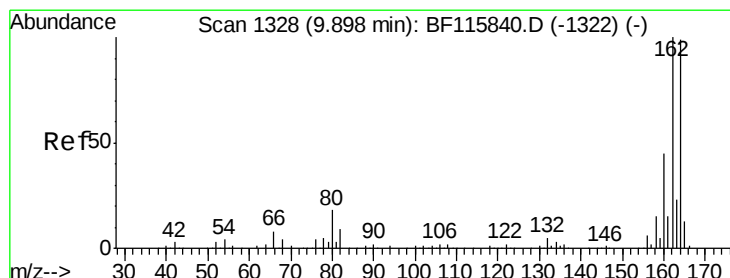
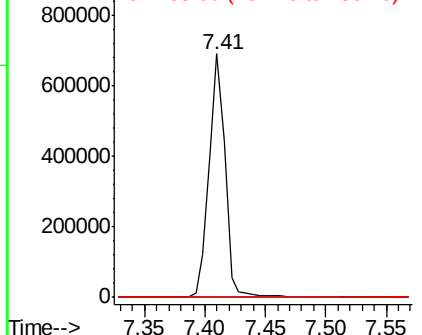
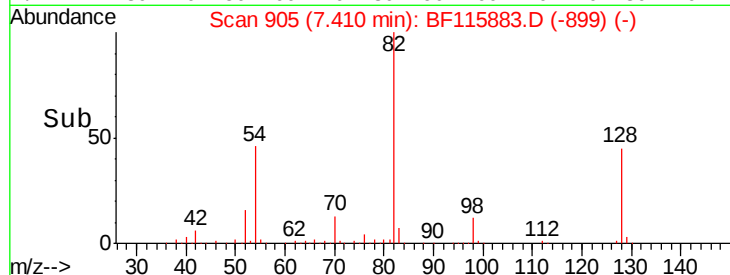
138 0.0 13.9 20.9#



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# 1327

Delta R.T. -0.01 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

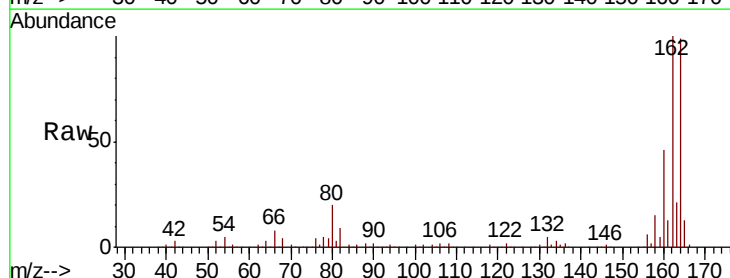
Tgt Ion: 164 Resp: 283301

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

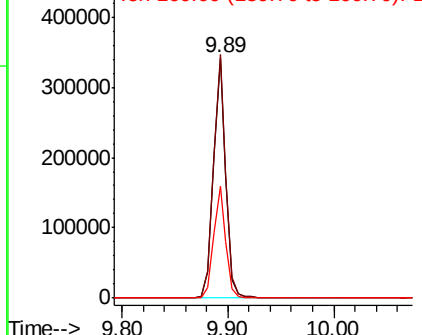
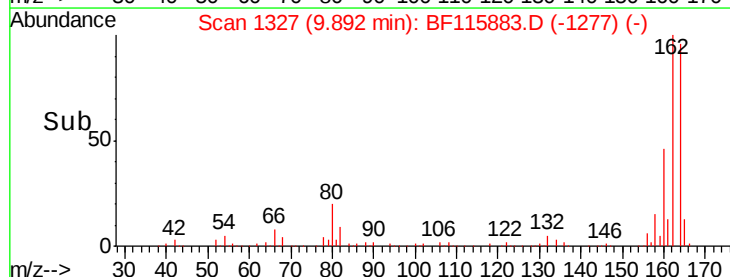
160 46.5 36.2 54.4



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

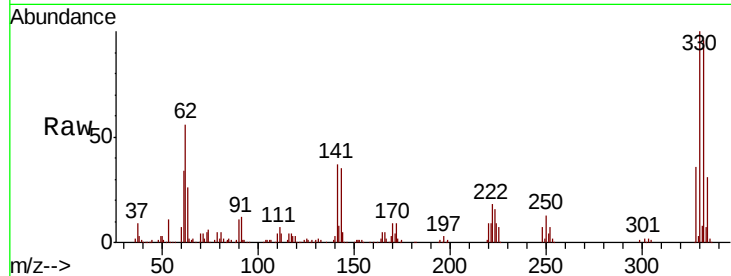




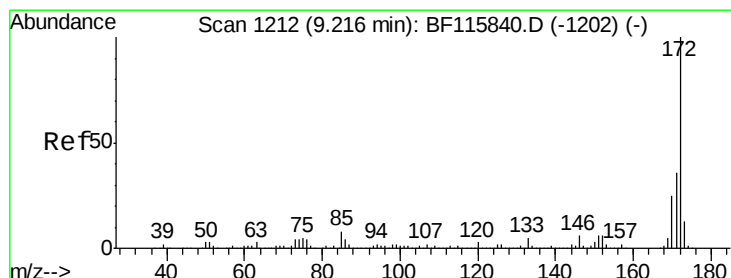
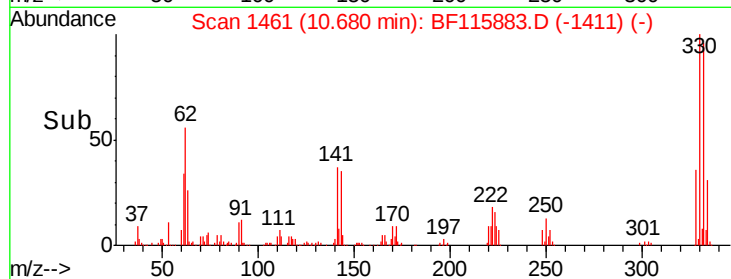
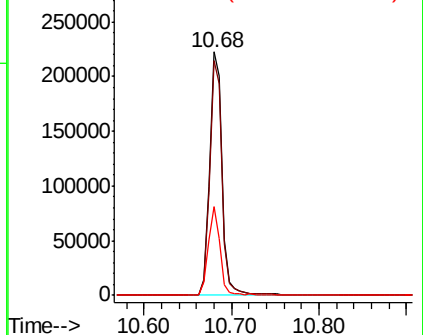
#42
 2,4,6-Tribromophenol
 Concen: 81.069 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115883.D
 Acq: 31 Jul 2019 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion: 330 Resp: 222671
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.7 116.5
 141 34.8 28.1 42.1

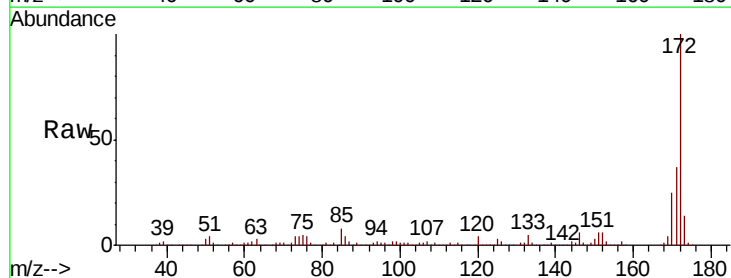


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

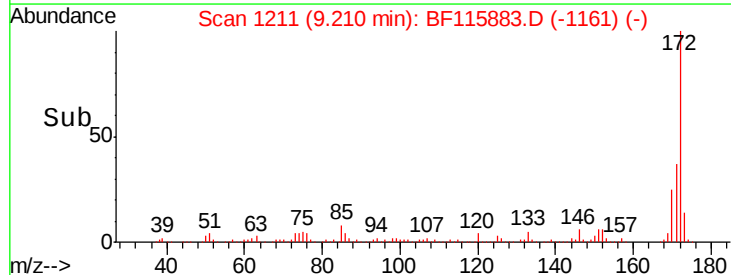
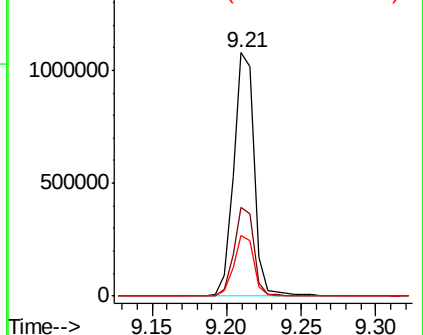


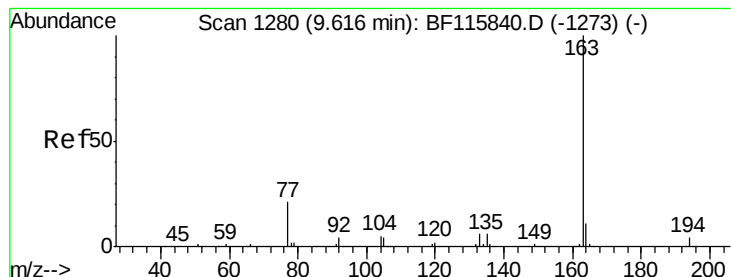
#45
 2-Fluorobiphenyl
 Concen: 69.507 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115883.D
 Acq: 31 Jul 2019 22:59

Tgt Ion: 172 Resp: 1051284
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 24.9 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: 7.983 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

Instrument :

BNA_F

ClientSampleId :

TP-12

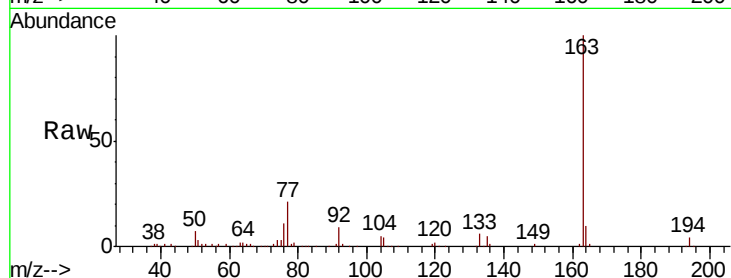
Tgt Ion:163 Resp: 153991

Ion Ratio Lower Upper

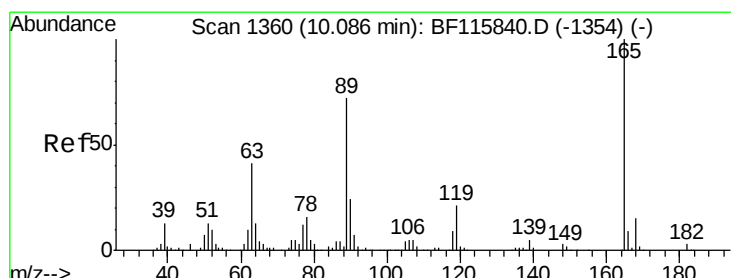
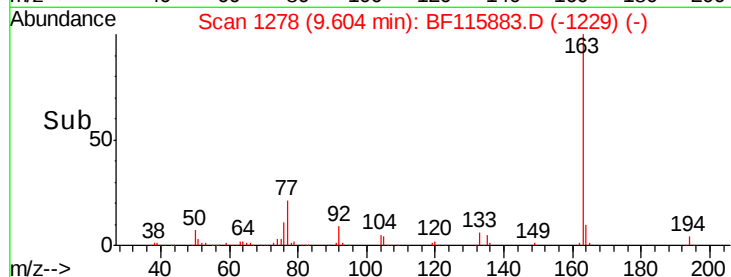
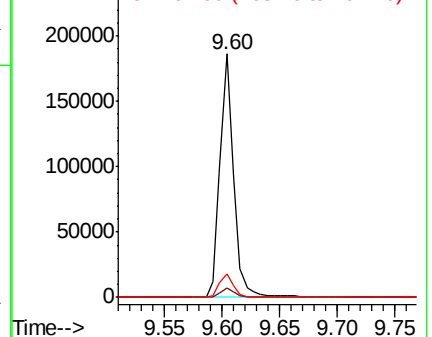
163 100

194 3.8 3.0 4.6

164 9.7 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: 6.650 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115883.D

Acq: 31 Jul 2019 22:59

Tgt Ion:165 Resp: 37114

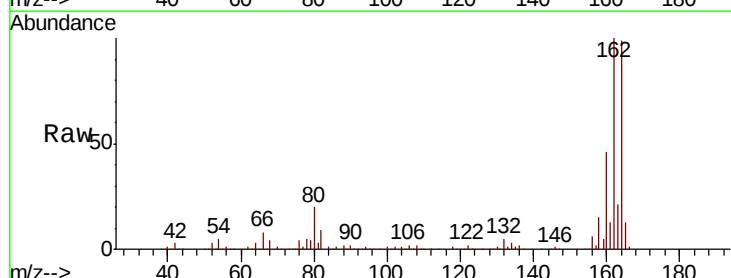
Ion Ratio Lower Upper

165 100

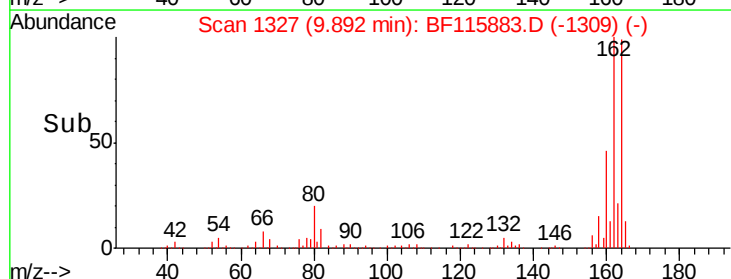
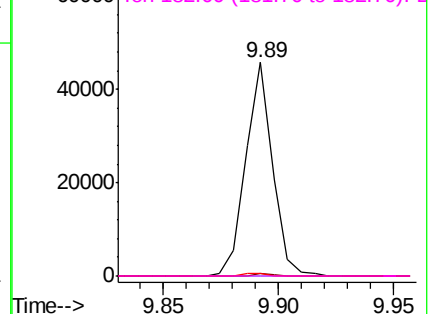
63 1.1 33.2 49.8#

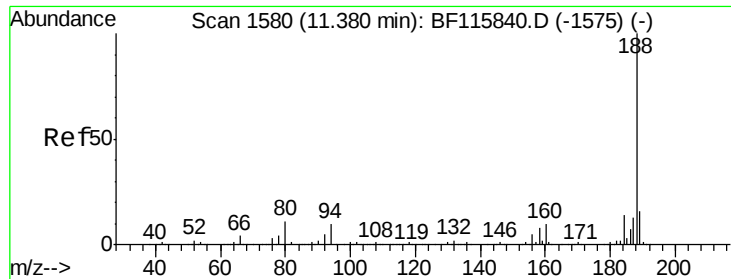
89 1.3 57.3 85.9#

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

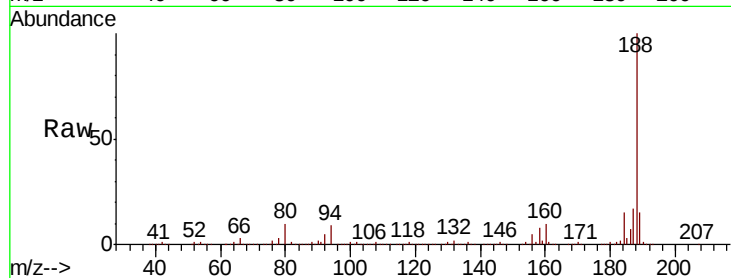




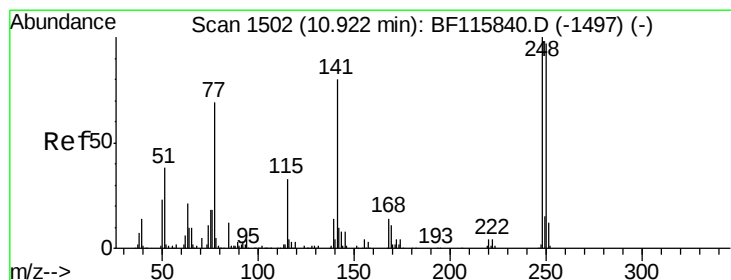
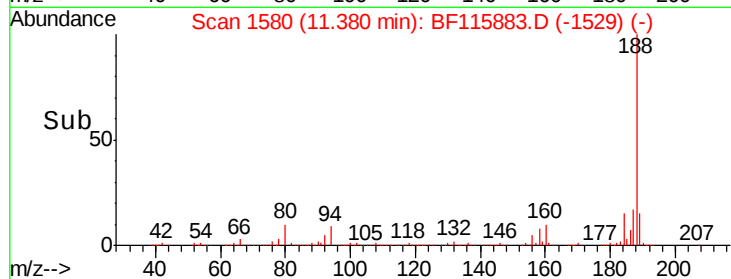
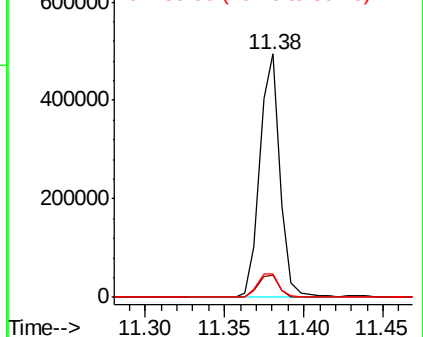
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:188 Resp: 438904
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.7 8.6 12.8

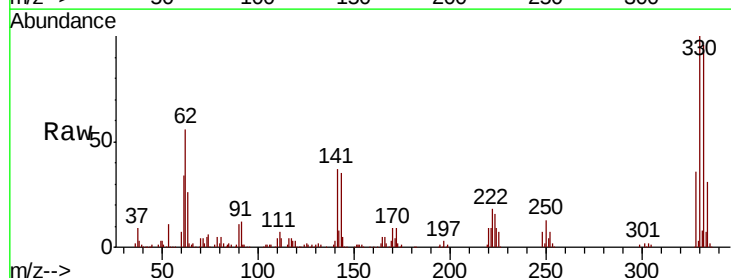


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

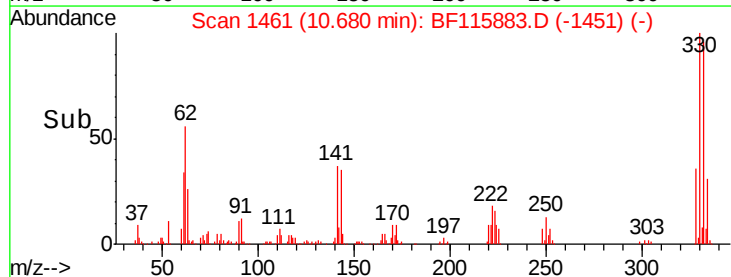
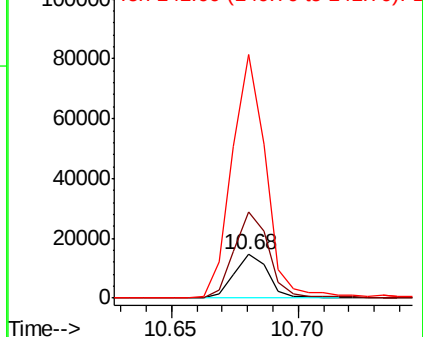


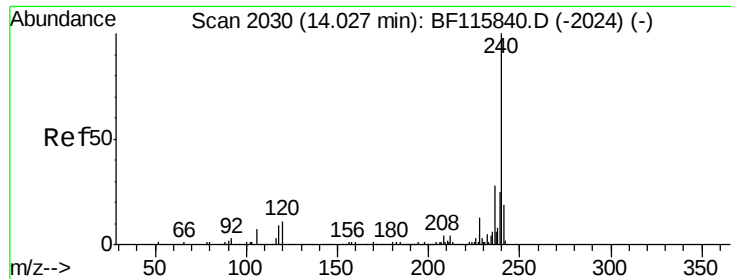
#67
4-Bromophenyl-phenylether
Concen: 2.903 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Tgt Ion:248 Resp: 13640
Ion Ratio Lower Upper
248 100
250 197.6 77.8 116.6#
141 554.7 64.3 96.5#



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

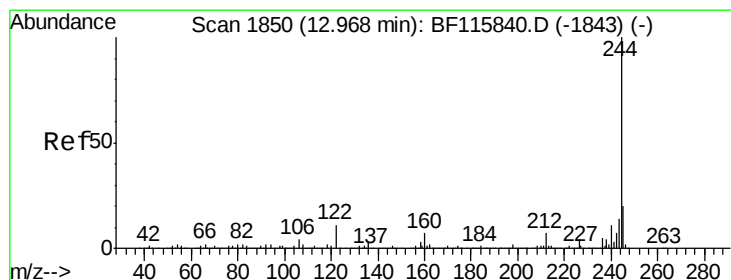
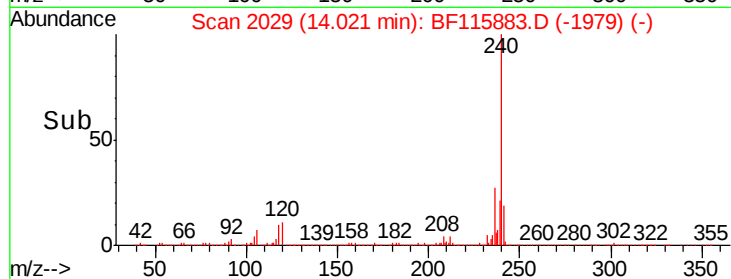
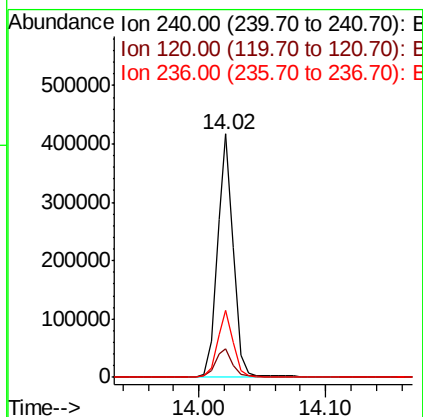
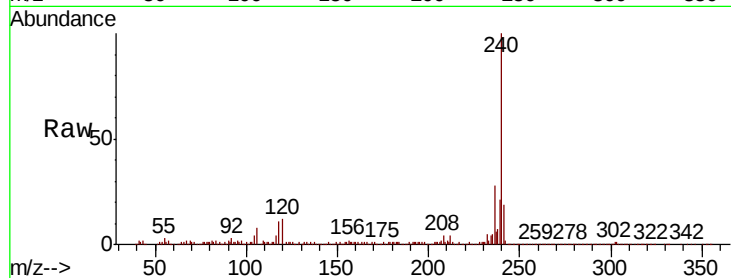




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

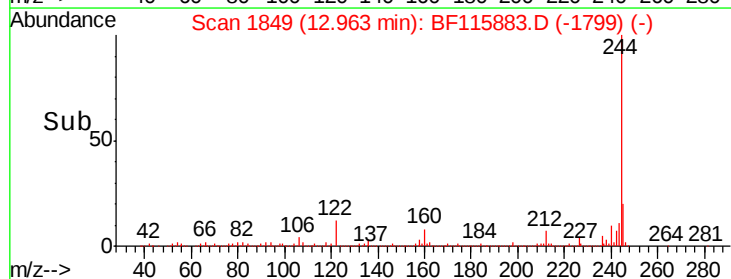
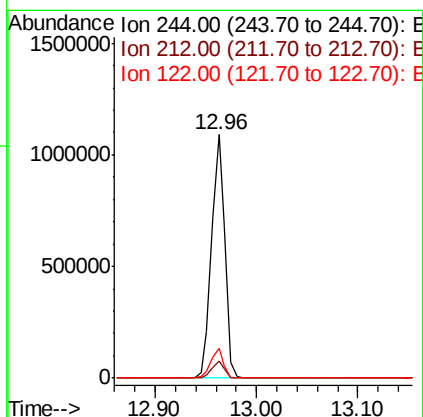
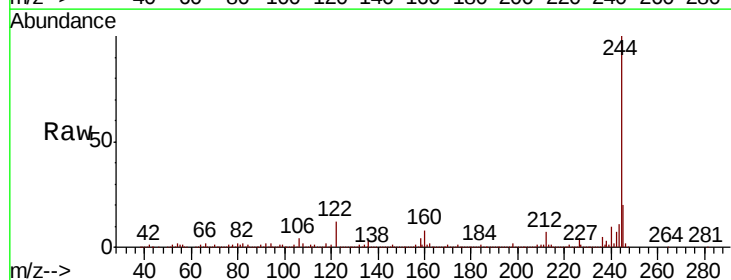
Instrument :
BNA_F
ClientSampled :
TP-12

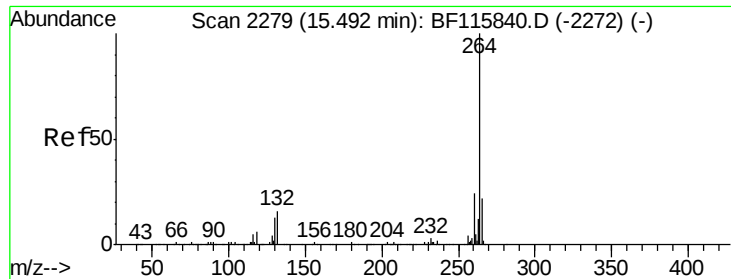
Tgt Ion:240 Resp: 365844
Ion Ratio Lower Upper
240 100
120 11.6 8.5 12.7
236 27.6 22.2 33.2



#79
Terphenyl-d14
Concen: 57.329 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Tgt Ion:244 Resp: 995343
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115883.D
Acq: 31 Jul 2019 22:59

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.5	17.5	26.3

