

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121536.D
 Acq On : 8 Sep 2020 22:34
 Operator : JU/CG
 Sample : L3915-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A2-10-14-C

Quant Time: Sep 09 07:17:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

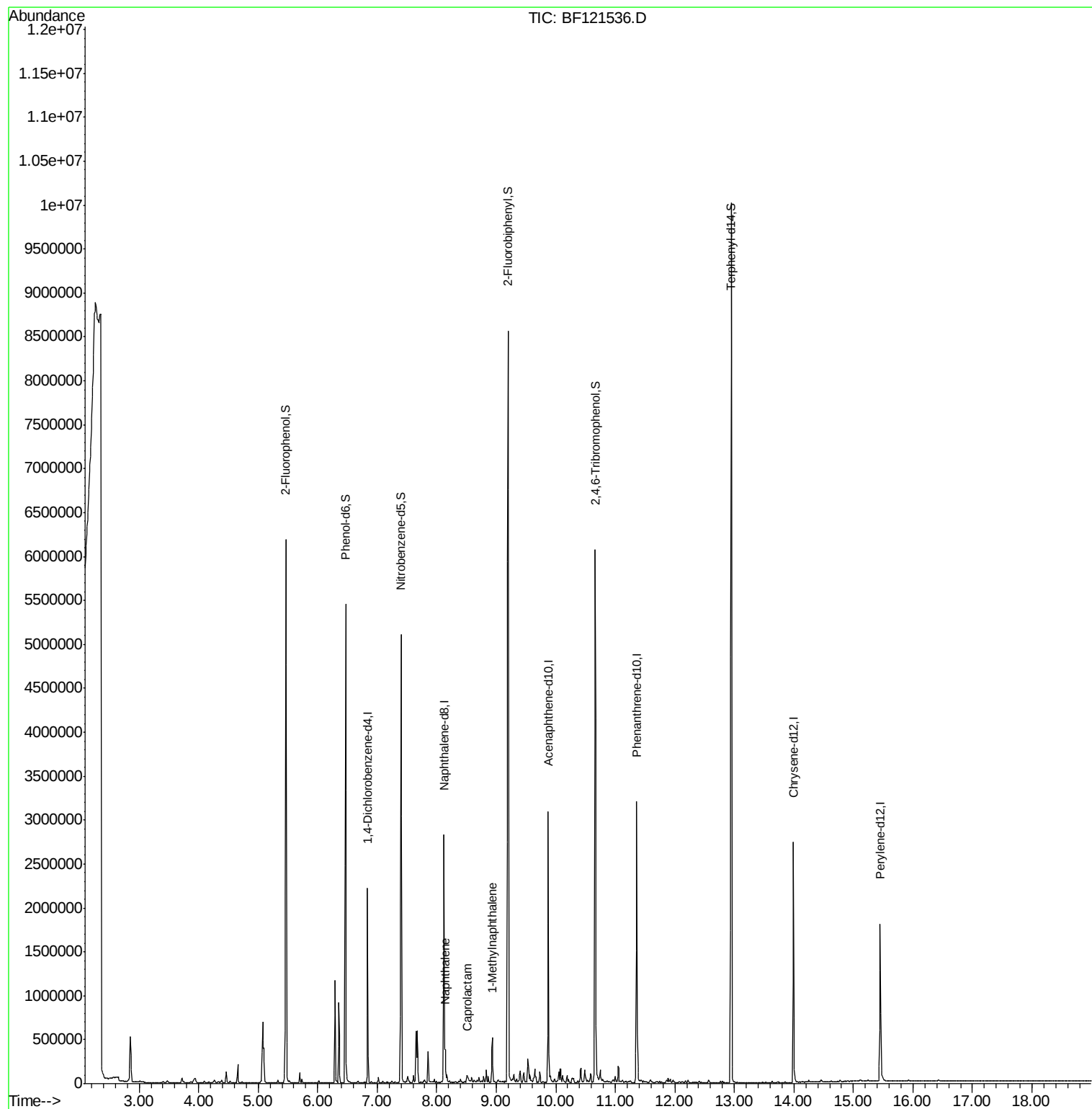
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	315965	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1218048	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	630389	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1207363	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	1009757	20.00	ng	-0.02
86) Perylene-d12	15.45	264	885108	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1913540	101.61	ng	0.00
7) Phenol-d6	6.47	99	2258997	85.83	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1799090	100.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	928153	145.77	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3069025	78.55	ng	-0.01
79) Terphenyl-d14	12.95	244	3470476	72.35	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	143703	2.376	ng	98
35) Caprolactam	8.52	113	14479	2.705	ng	95
38) 1-Methylnaphthalene	8.93	142	131505	3.476	ng	100

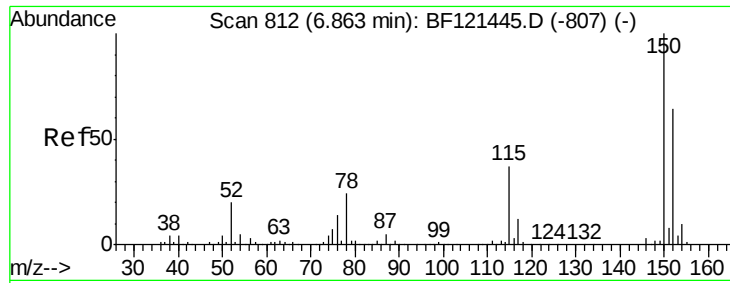
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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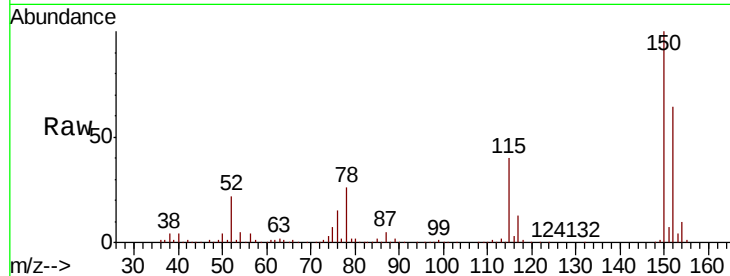


#1

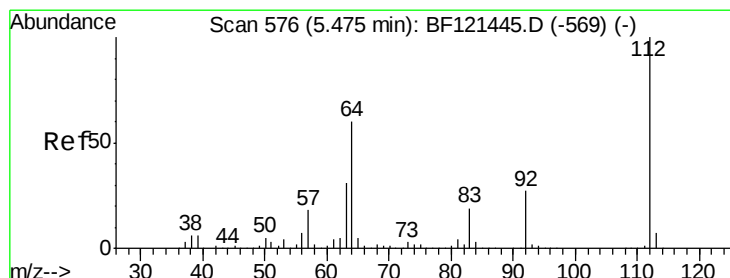
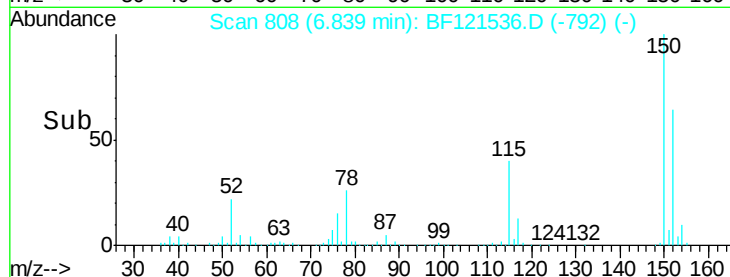
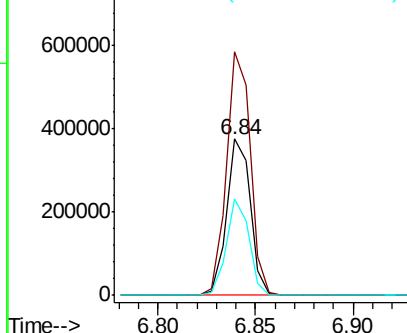
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-C

Tot Ion:152 Resp: 315965
Ion Ratio Lower Upper
152 100
150 155.8 126.1 189.1
115 61.8 48.4 72.6



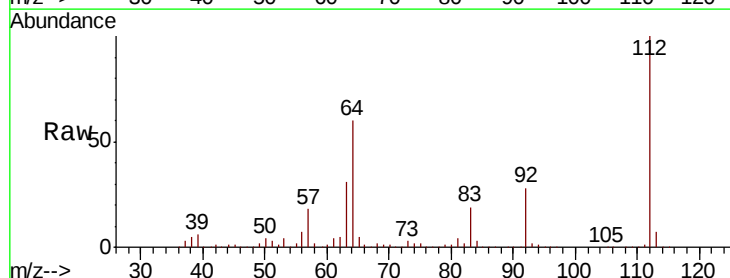
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



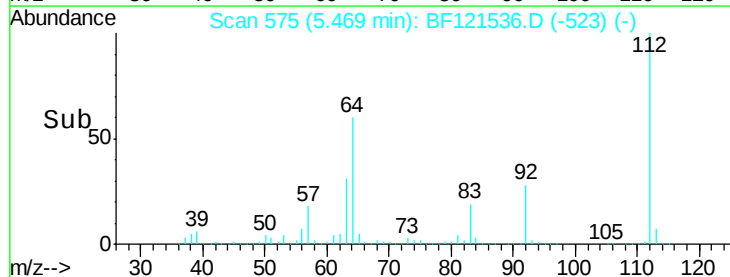
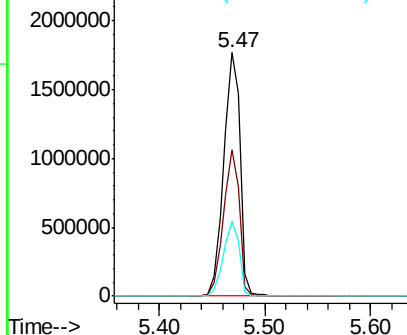
#5

2-Fluorophenol
Concen: 101.607 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

Tgt Ion:112 Resp: 1913540
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 30.9 23.4 35.2



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: 85.834 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121536.D

Acq: 8 Sep 2020 22:34

Instrument :

BNA_F

ClientSampleId :

WC-PM-A2-10-14-C

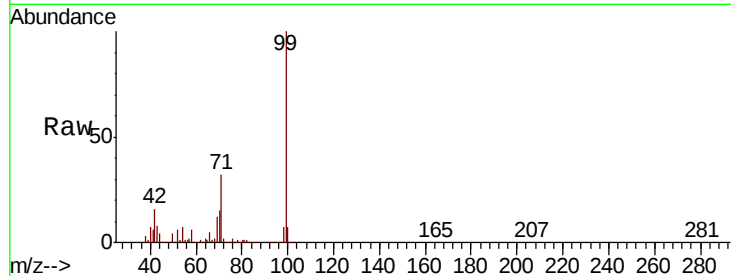
Tot Ion: 99 Resp: 2258997

Ion Ratio Lower Upper

99 100

42 16.3 13.0 19.4

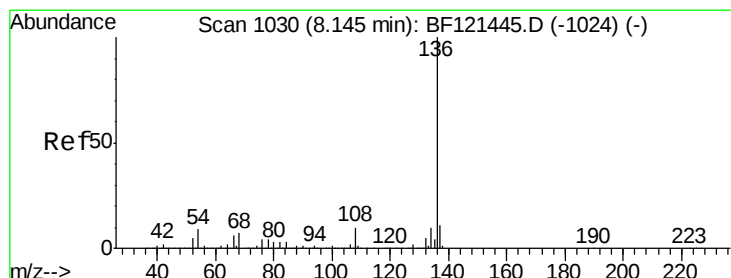
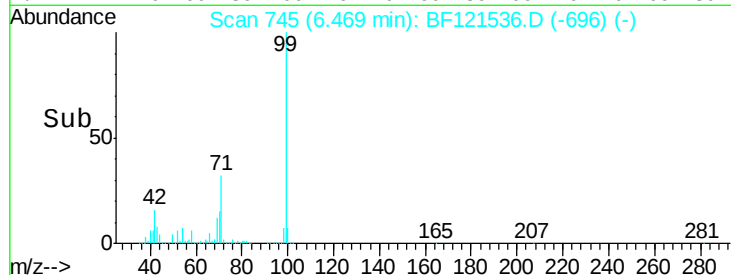
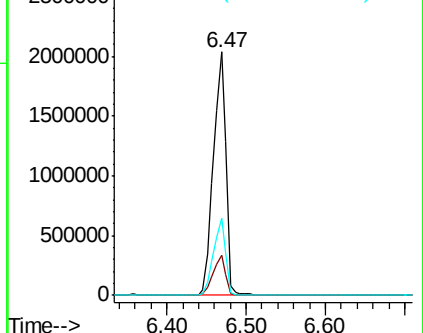
71 31.6 24.8 37.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121536.D

Acq: 8 Sep 2020 22:34

Tgt Ion: 136 Resp: 1218048

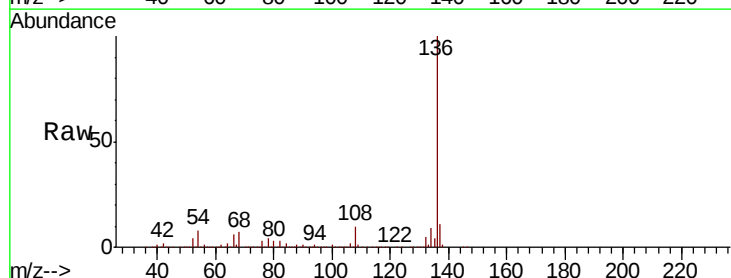
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.2 9.4

68 6.7 5.1 7.7

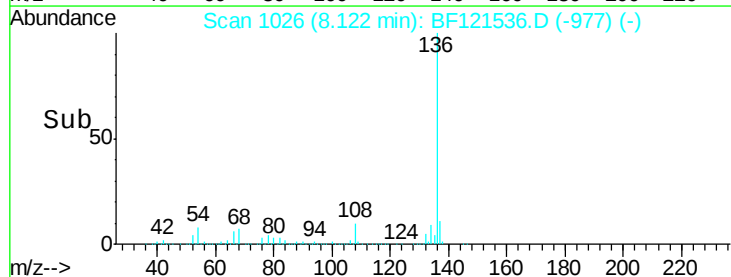
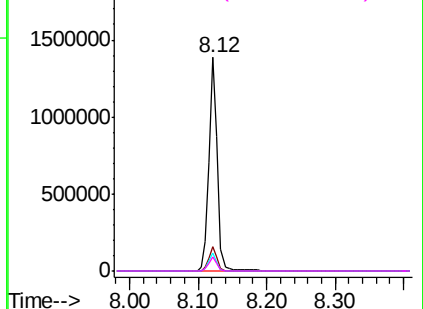


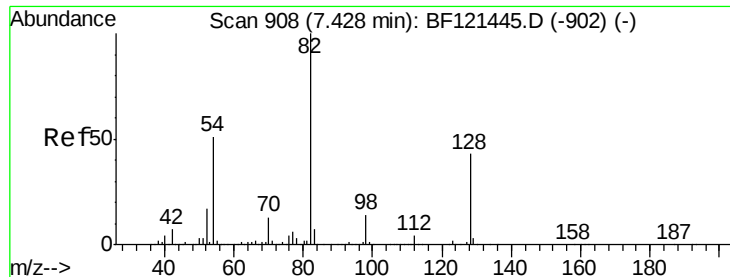
Abundance Ion 136.00 (135.70 to 136.70): E

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

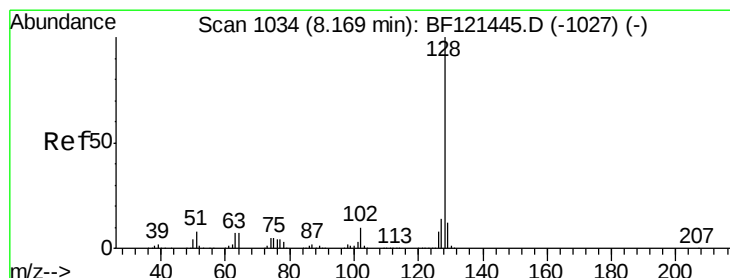
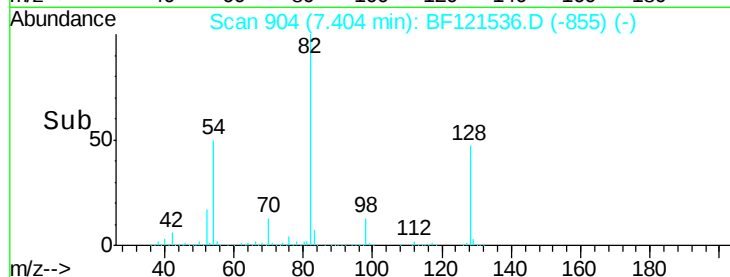
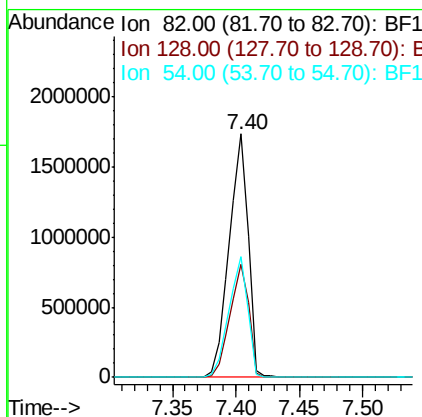
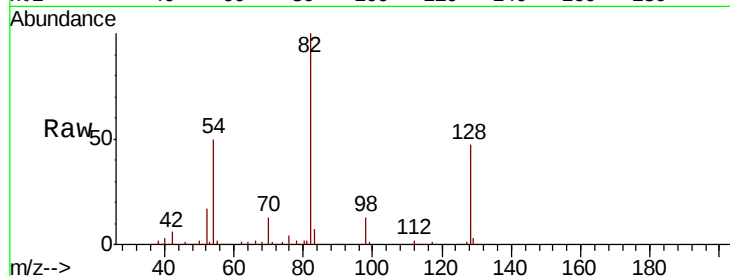




#23
Nitrobenzene-d5
Concen: 100.978 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

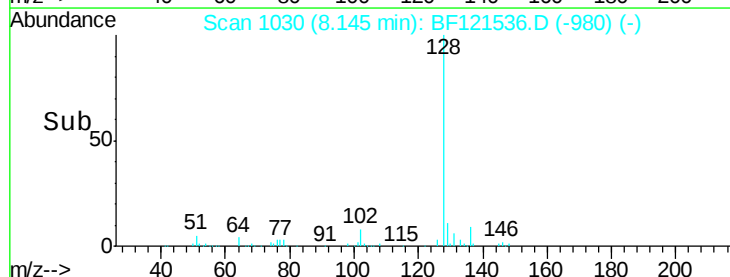
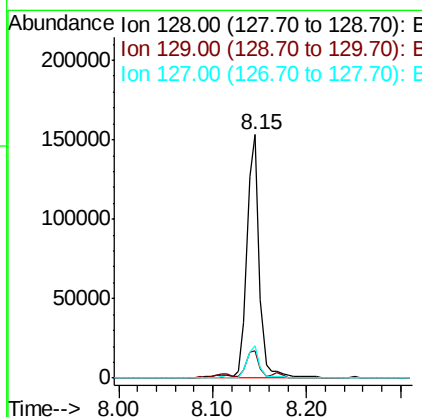
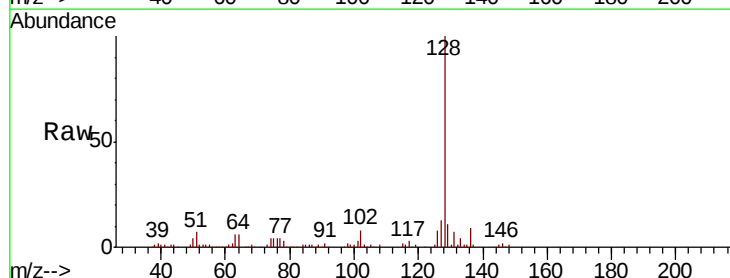
Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-C

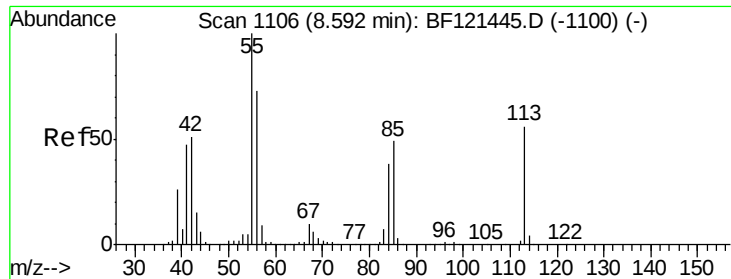
Tot Ion: 82 Resp: 1799090
Ion Ratio Lower Upper
82 100
128 46.6 37.3 55.9
54 49.8 39.0 58.6



#31
Naphthalene
Concen: 2.376 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

Tgt Ion: 128 Resp: 143703
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.4 11.1 16.7

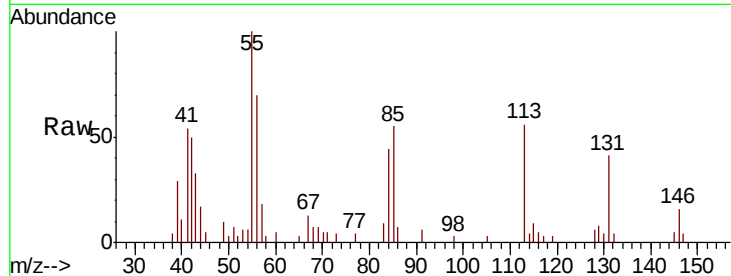




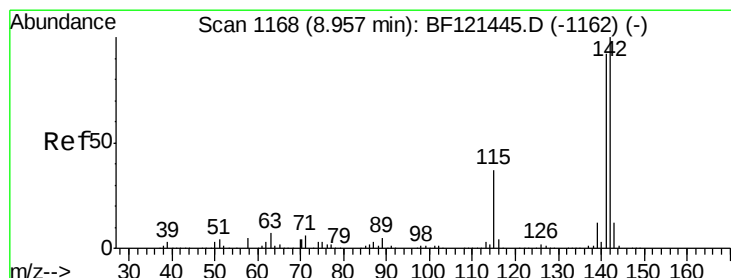
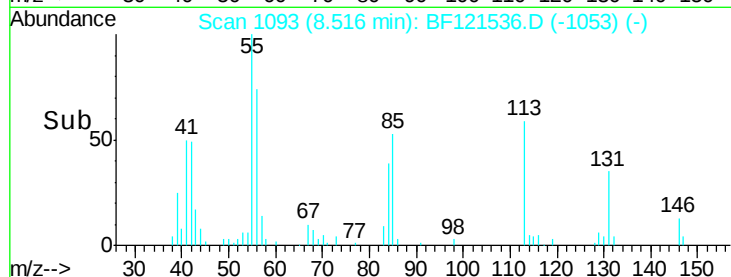
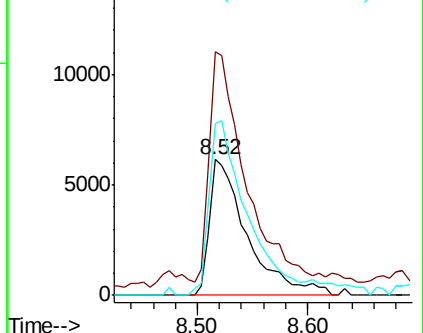
#35
 Caprolactam
 Concen: 2.705 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.06 min
 Lab File: BF121536.D
 Acq: 8 Sep 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A2-10-14-C

Tot Ion:113 Resp: 14479
 Ion Ratio Lower Upper
 113 100
 55 179.1 149.1 189.1
 56 126.1 104.4 144.4

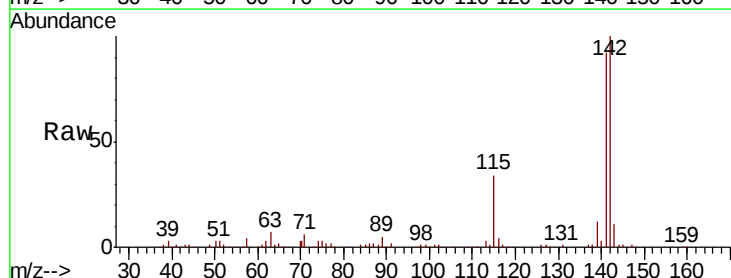


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

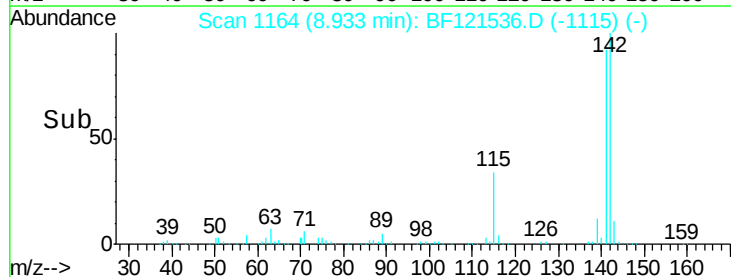
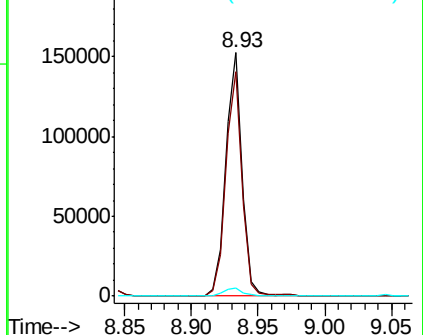


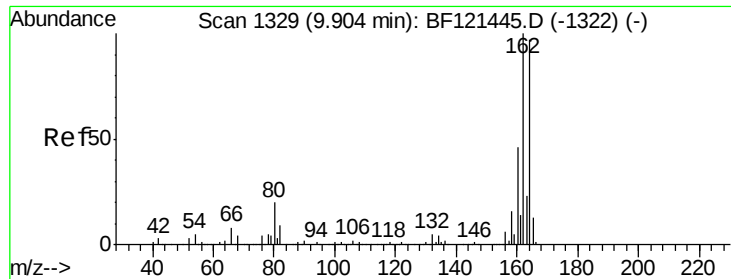
#38
 1-Methylnaphthalene
 Concen: 3.476 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF121536.D
 Acq: 8 Sep 2020 22:34

Tgt Ion:142 Resp: 131505
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.7 110.5
 116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

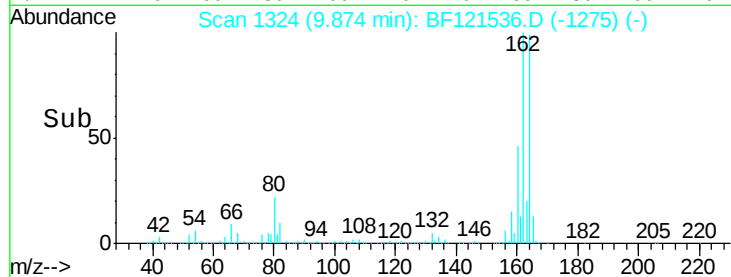
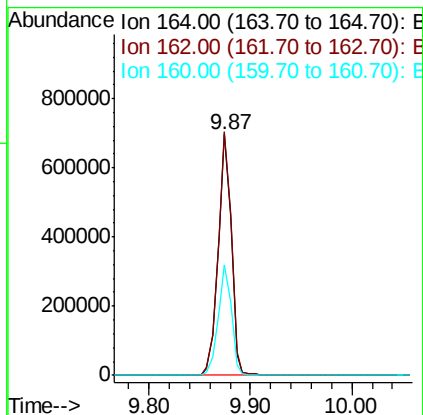
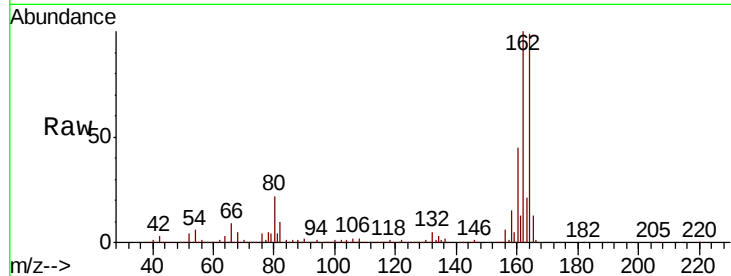




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121536.D
 Acq: 8 Sep 2020 22:34

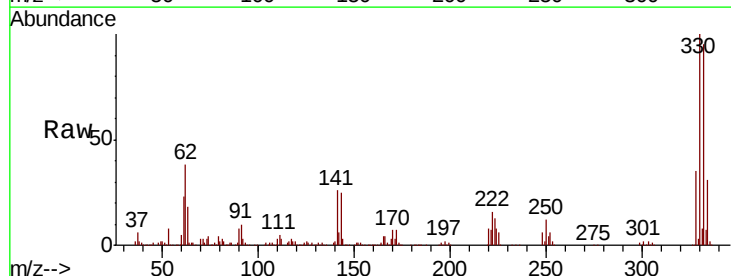
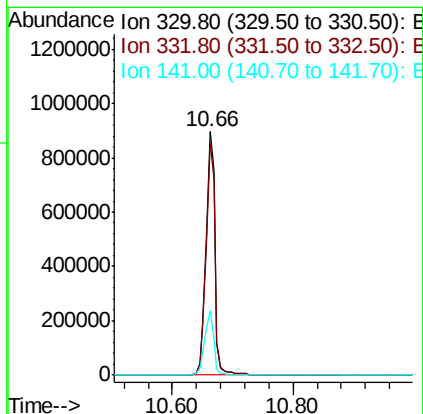
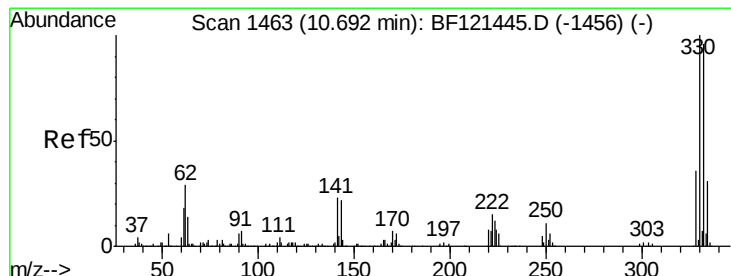
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 ClientSampleId :
 WC-PM-A2-10-14-C

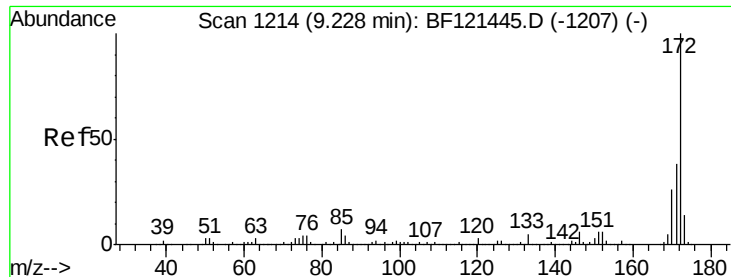
Tot Ion:164 Resp: 630389
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.5 120.7
 160 46.0 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 145.770 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121536.D
 Acq: 8 Sep 2020 22:34

Tgt Ion:330 Resp: 928153
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.2
 141 26.8 22.6 34.0

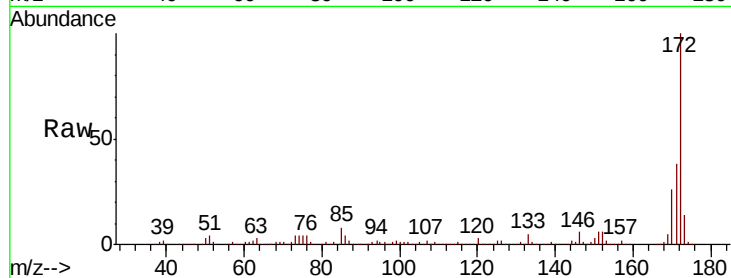




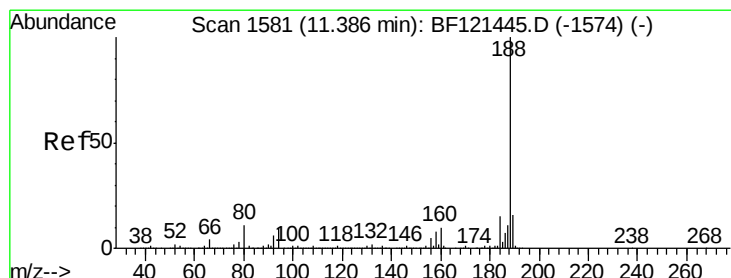
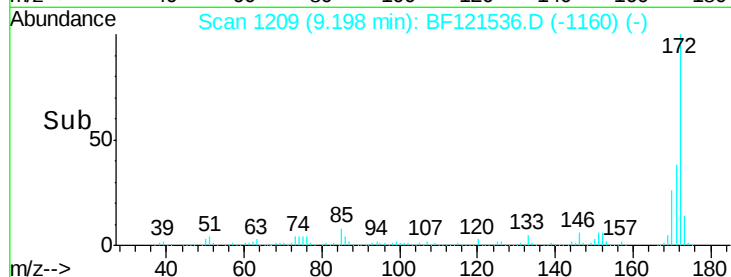
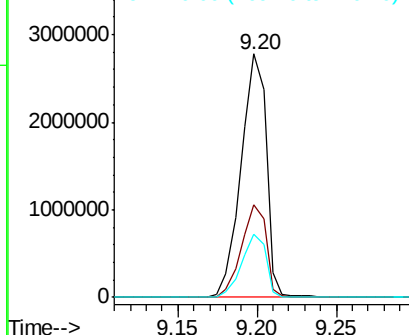
#45
2-Fluorobiphenyl
Concen: 78.554 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

Instrument :
BNA_F
ClientSampleId :
WC-PM-A2-10-14-C

Tot Ion:172 Resp: 3069025
Ion Ratio Lower Upper
172 100
171 38.1 30.4 45.6
170 26.1 20.7 31.1

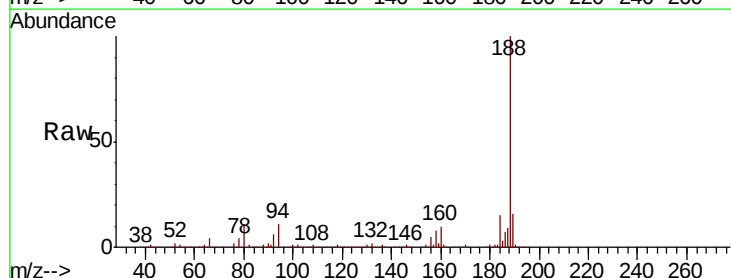


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

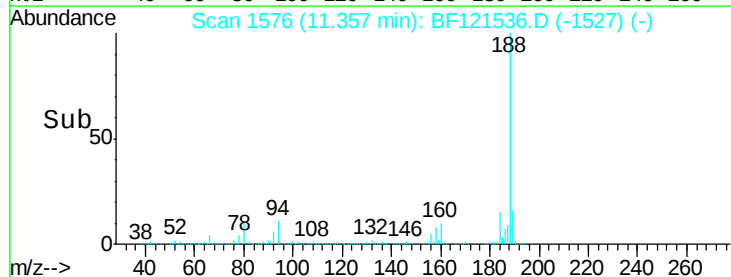
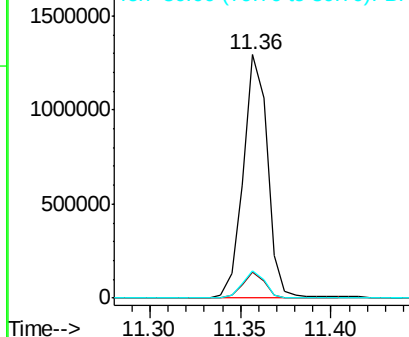


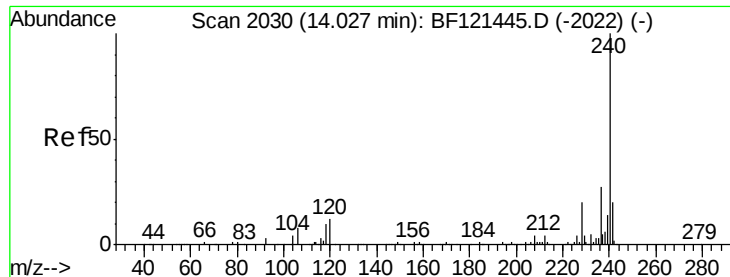
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121536.D
Acq: 8 Sep 2020 22:34

Tgt Ion:188 Resp: 1207363
Ion Ratio Lower Upper
188 100
94 10.9 8.8 13.2
80 11.4 9.1 13.7



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF121536.D

Acq: 8 Sep 2020 22:34

Instrument :

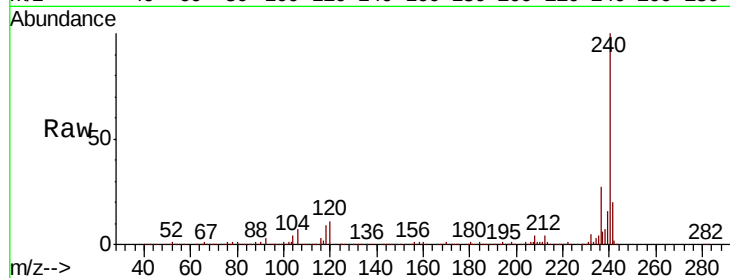
BNA_F

ClientSampleId :

WC-PM-A2-10-14-C

Tot Ion:240 Resp: 1009757

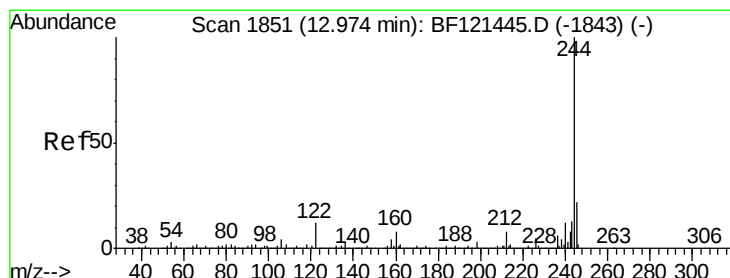
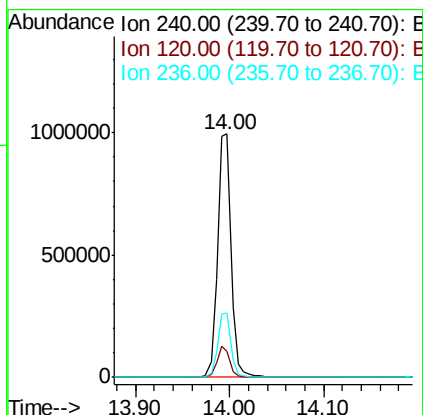
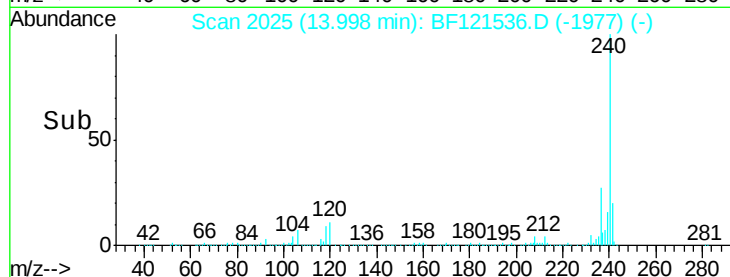
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.0	12.0
236	26.6	21.4	32.2



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: 72.346 ng

RT: 12.95 min Scan# 1847

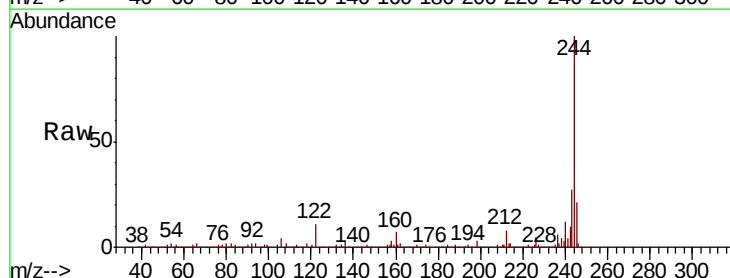
Delta R.T. -0.01 min

Lab File: BF121536.D

Acq: 8 Sep 2020 22:34

Tgt Ion:244 Resp: 3470476

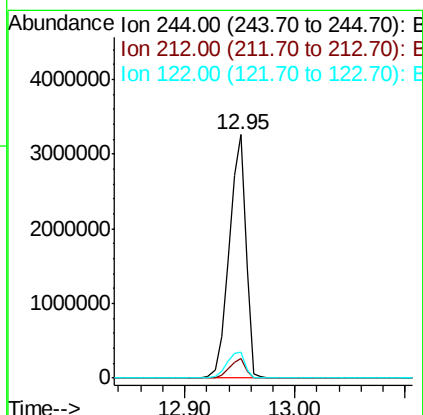
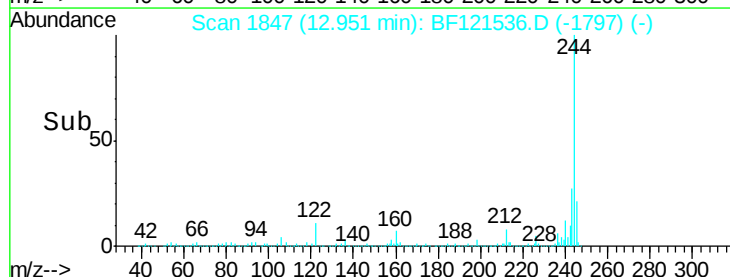
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.8	9.3	13.9

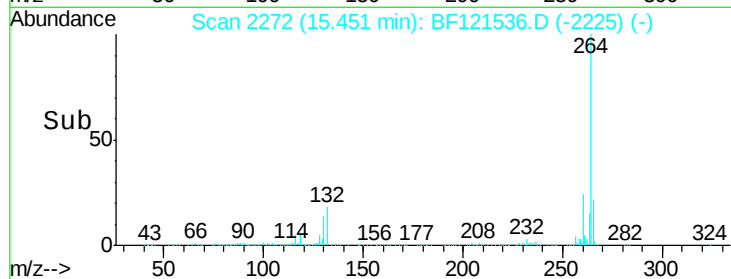
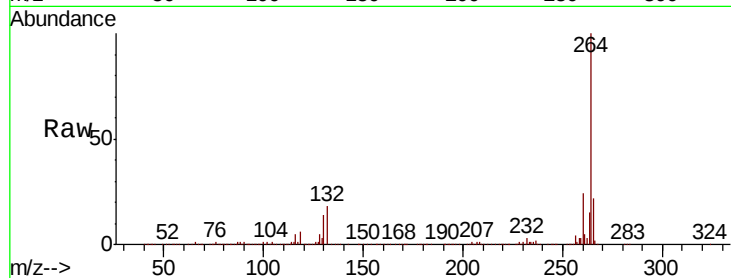
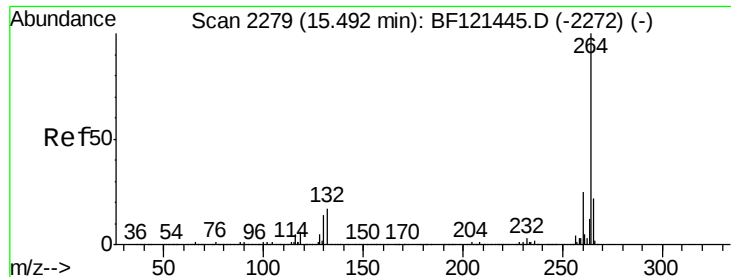


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF121536.D
 Acq: 8 Sep 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-A2-10-14-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.8	17.4	26.2

