

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
 Data File : BF121564.D
 Acq On : 14 Sep 2020 17:03
 Operator : JU/CG
 Sample : L3976-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSY-WC-S-SB-03

Quant Time: Sep 14 18:02:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189555	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	745006	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	392511	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	720322	20.00	ng	0.00
76) Chrysene-d12	13.99	240	537953	20.00	ng	0.00
86) Perylene-d12	15.44	264	433395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1177704	92.33	ng	0.04
7) Phenol-d6	6.48	99	1394906	83.36	ng	0.02
23) Nitrobenzene-d5	7.40	82	1103511	79.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	515530	105.68	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1896070	73.16	ng	0.00
79) Terphenyl-d14	12.94	244	2107150	79.35	ng	0.00

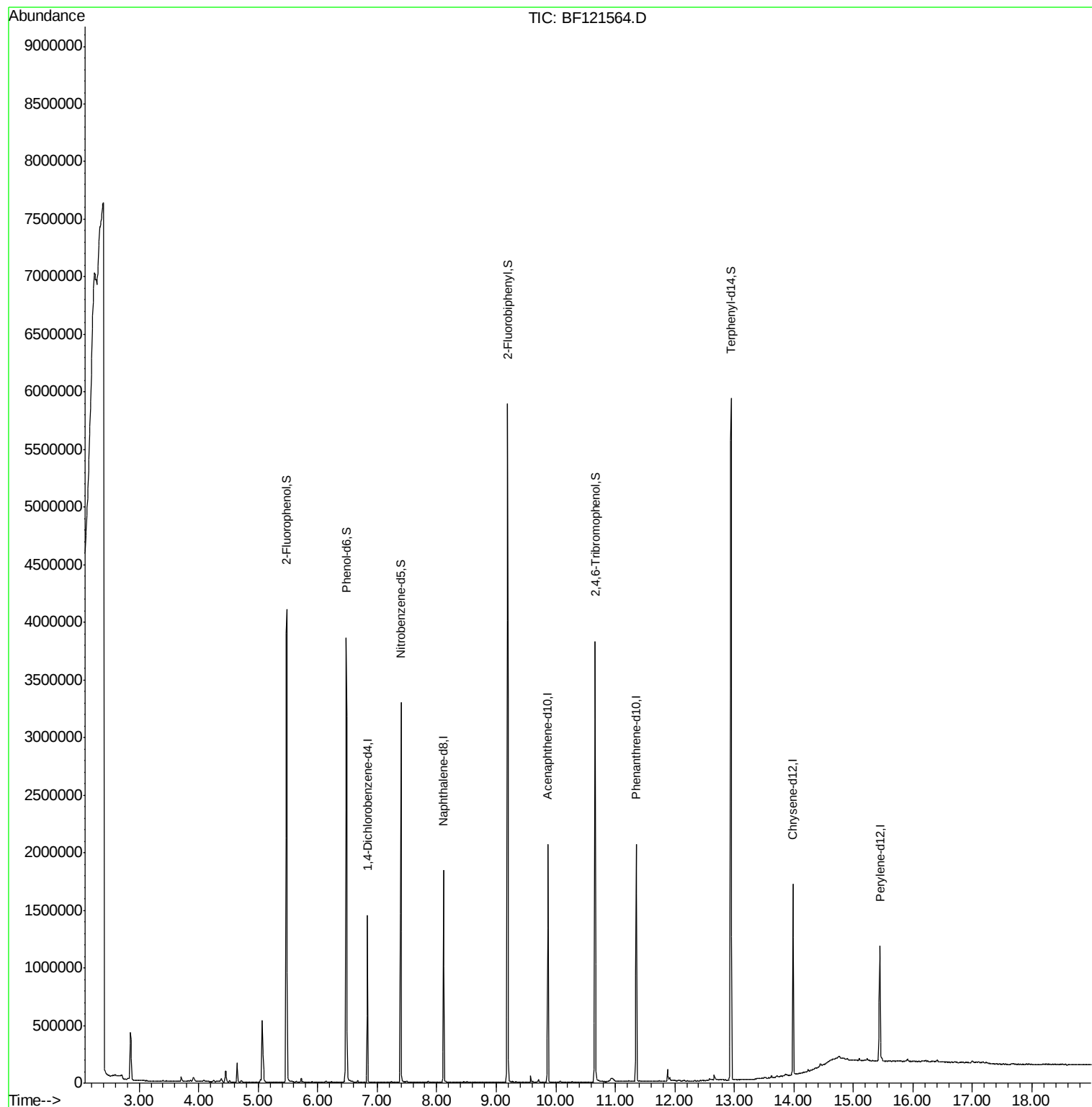
Target Compounds Qvalue

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

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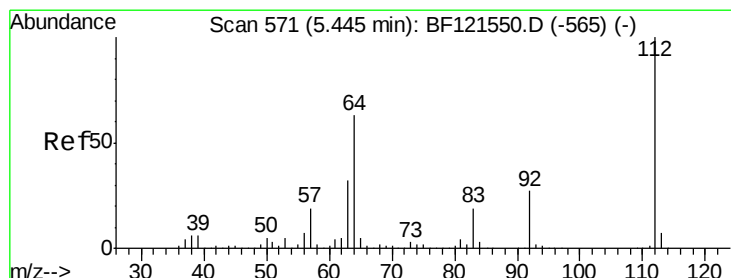
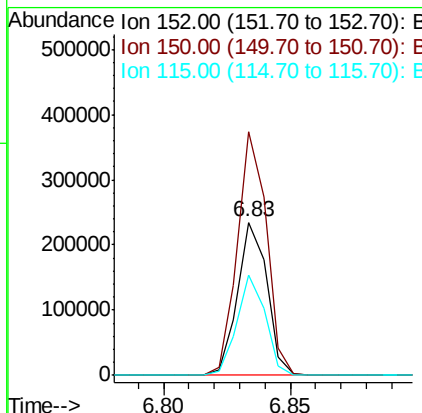
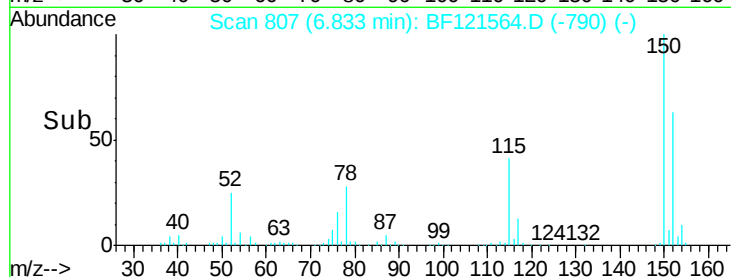
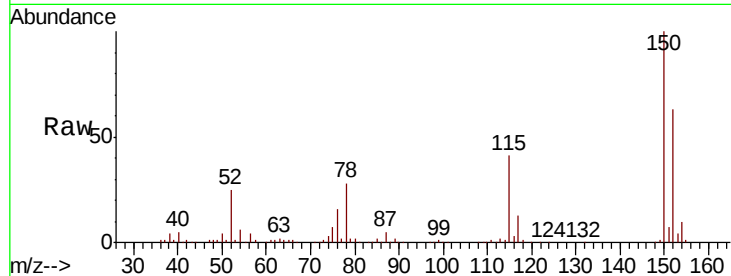


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121564.D
Acq: 14 Sep 2020 17:03

Instrument :
BNA_F
ClientSampleId :
BSY-WC-S-SB-03

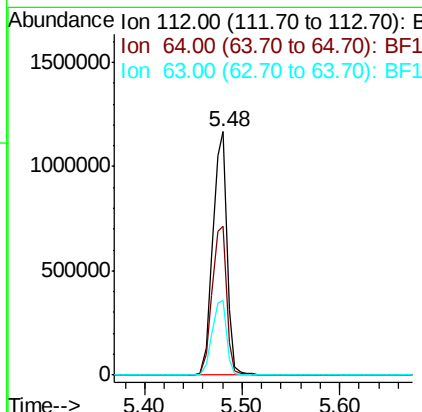
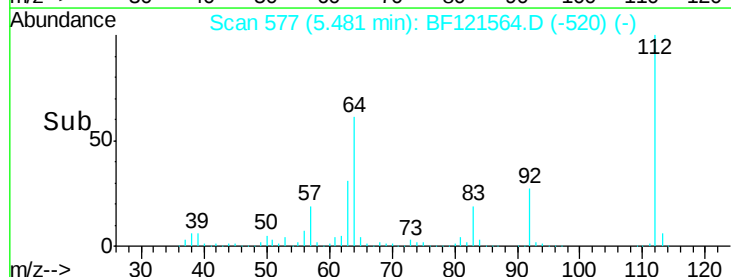
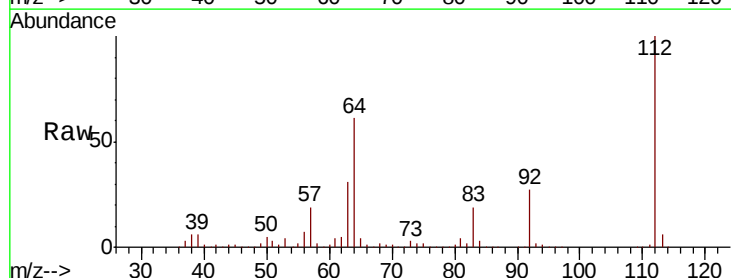
Tot Ion:152 Resp: 189555
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 65.8 47.8 71.8



#5

2-Fluorophenol
Concen: 92.333 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.04 min
Lab File: BF121564.D
Acq: 14 Sep 2020 17:03

Tgt Ion:112 Resp: 1177704
Ion Ratio Lower Upper
112 100
64 61.1 50.3 75.5
63 30.6 25.6 38.4





#7

Phenol-d6

Concen: 83.359 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BSY-WC-S-SB-03

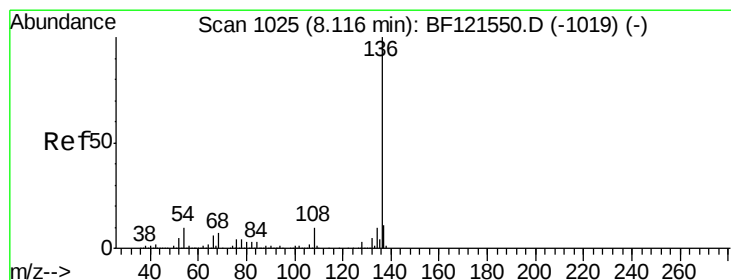
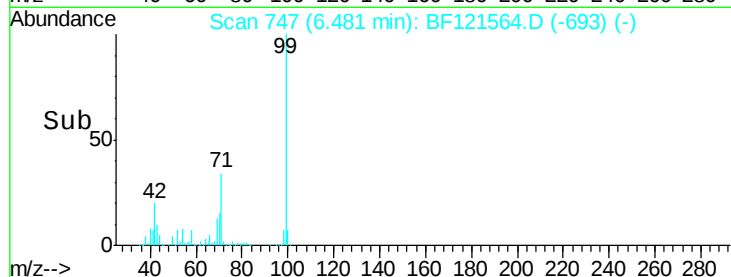
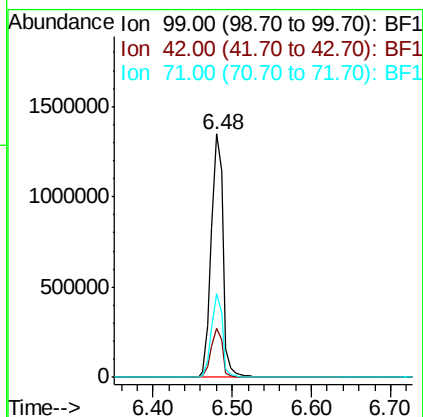
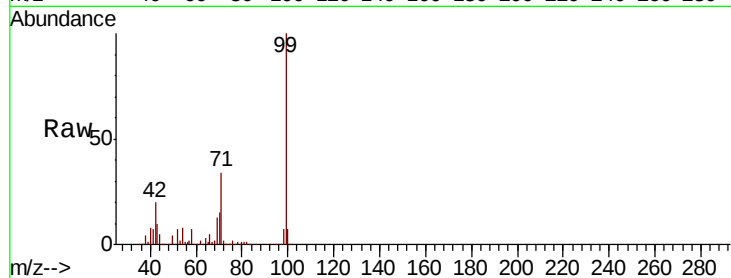
Tot Ion: 99 Resp: 1394906

Ion Ratio Lower Upper

99 100

42 20.0 15.5 23.3

71 34.2 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

Tgt Ion: 136 Resp: 745006

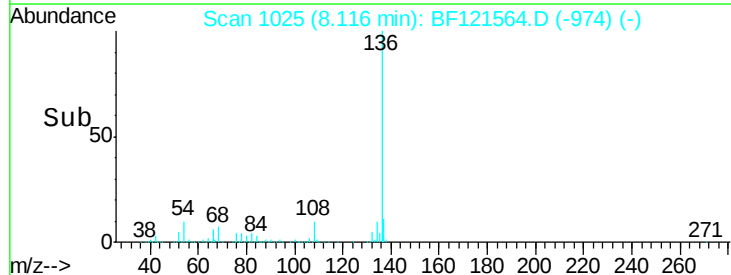
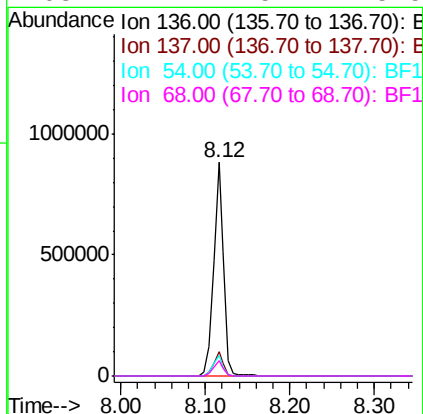
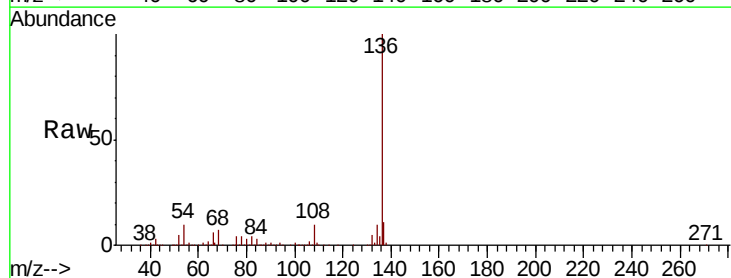
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.8 7.6 11.4

68 7.2 5.7 8.5

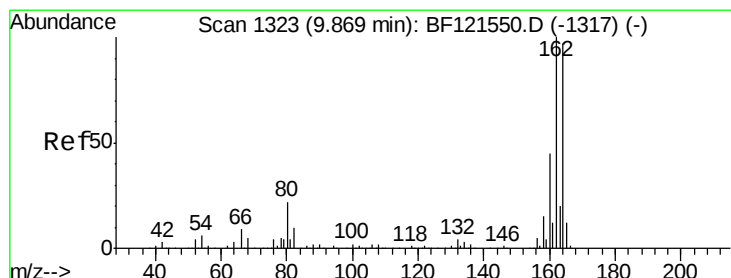
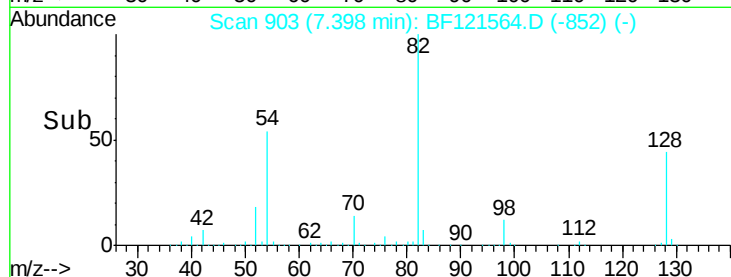
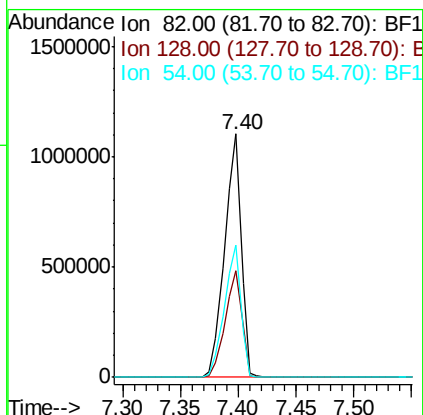
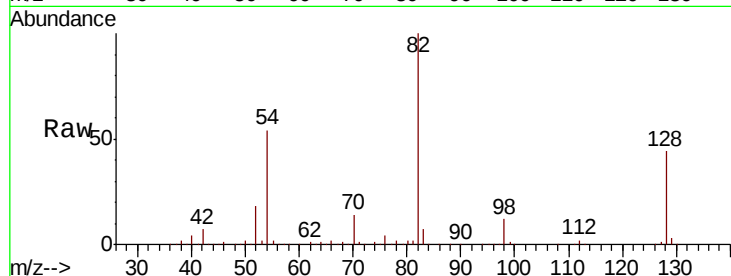




#23
 Nitrobenzene-d5
 Concen: 79.529 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121564.D
 Acq: 14 Sep 2020 17:03

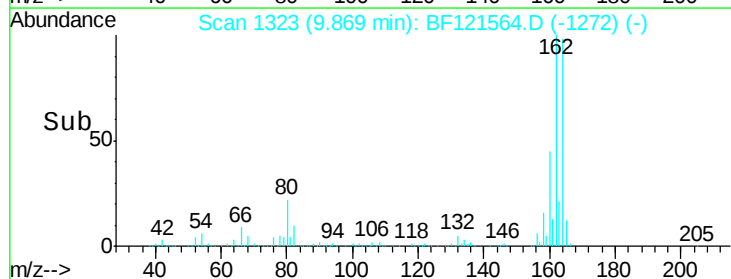
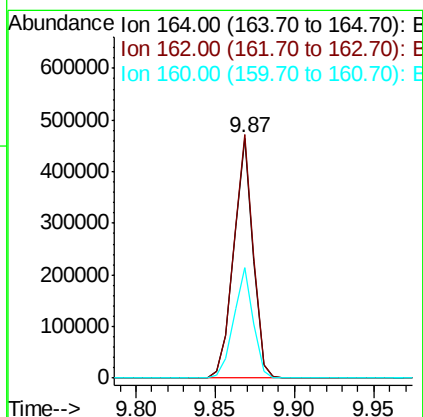
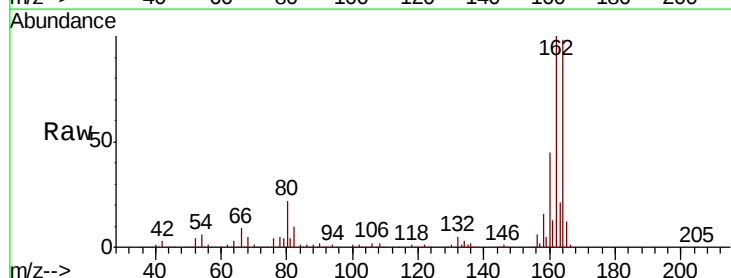
Instrument :
 BNA_F
 ClientSampleId :
 BSY-WC-S-SB-03

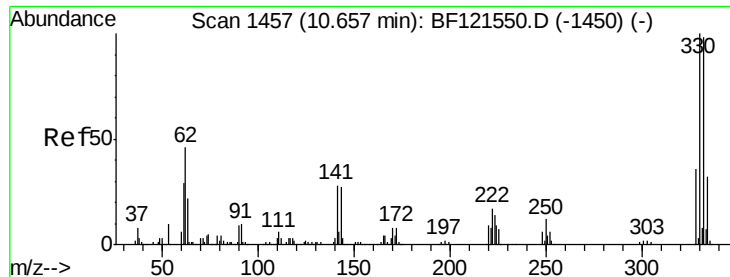
Tot Ion: 82 Resp: 1103511
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.1 52.7
 54 54.2 43.0 64.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF121564.D
 Acq: 14 Sep 2020 17:03

Tgt Ion:164 Resp: 392511
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.3 123.5
 160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 105.676 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BSY-WC-S-SB-03

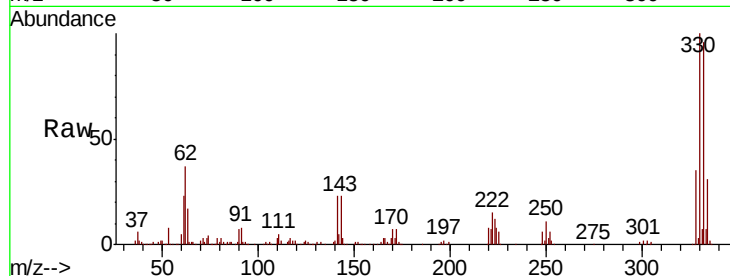
Tot Ion:330 Resp: 51530

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

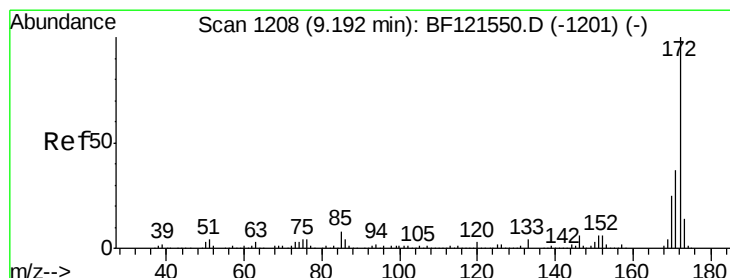
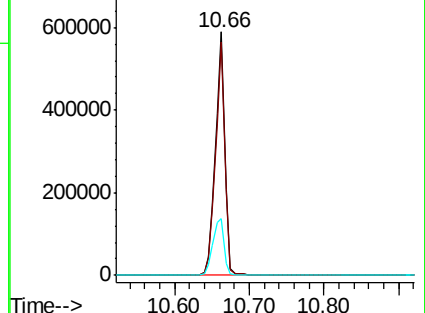
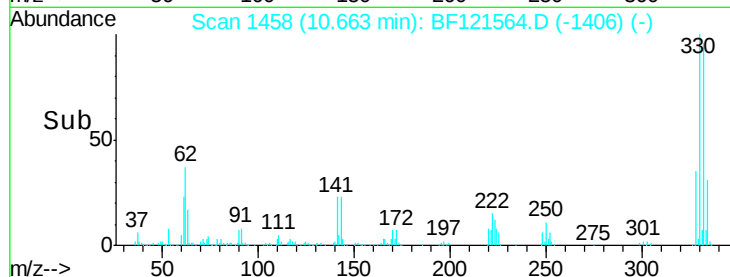
141 27.9 23.6 35.4



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: 73.161 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

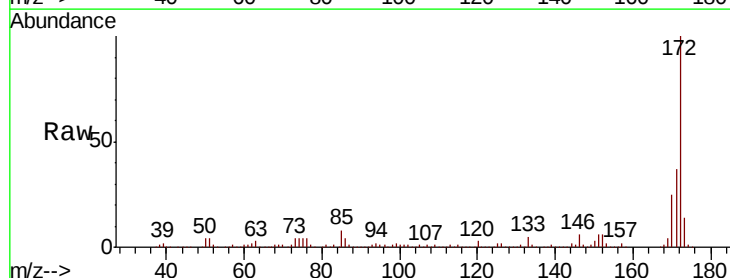
Tgt Ion:172 Resp: 1896070

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

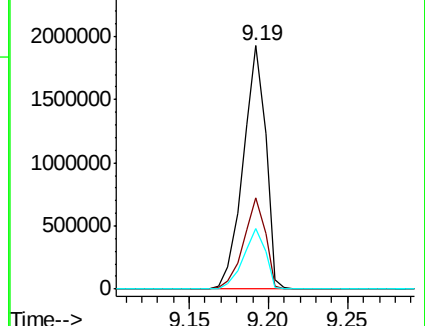
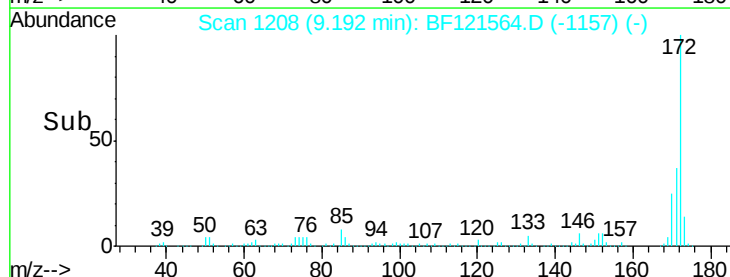
170 25.0 19.8 29.8

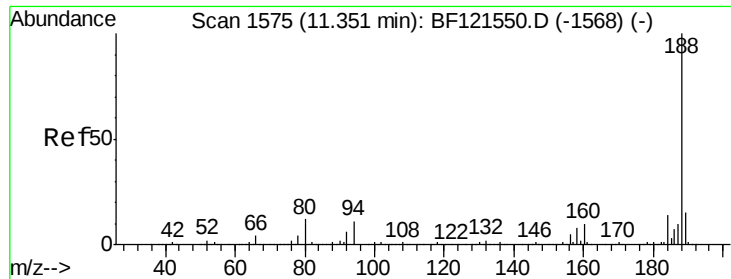


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

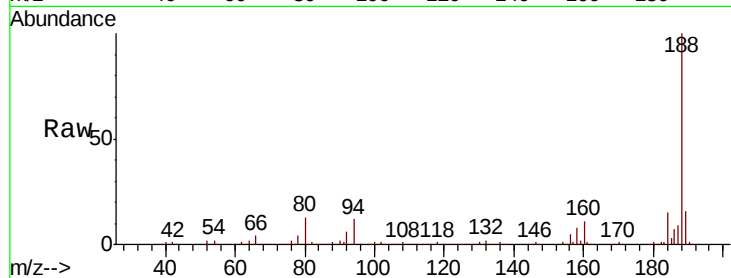




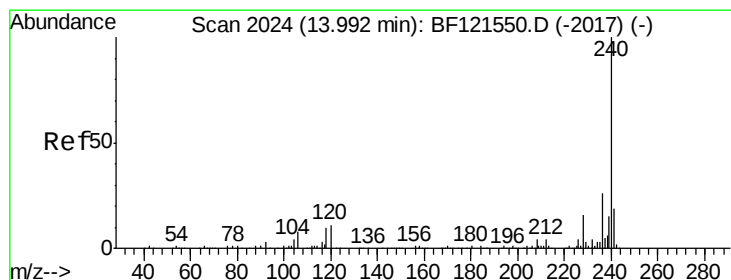
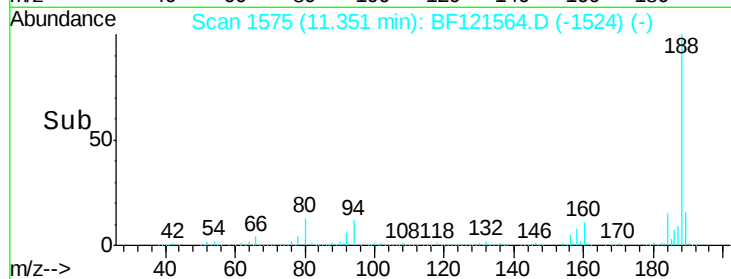
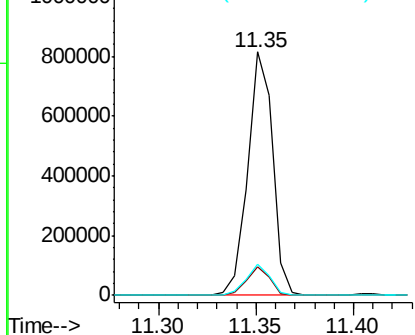
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121564.D
Acq: 14 Sep 2020 17:03

Instrument :
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ClientSampleId :
BSY-WC-S-SB-03

Tot Ion:188 Resp: 720322
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 12.8 9.3 13.9

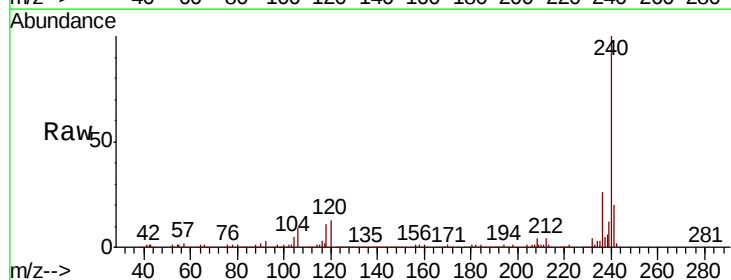


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

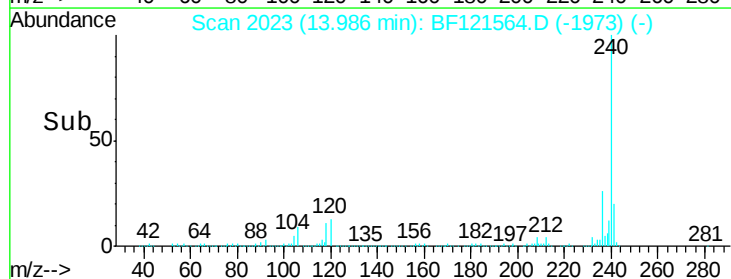
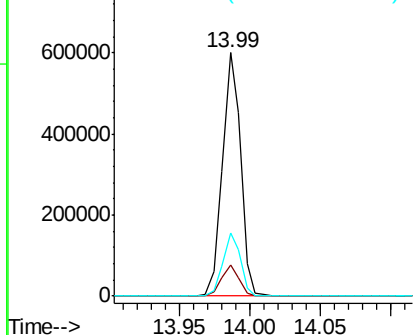


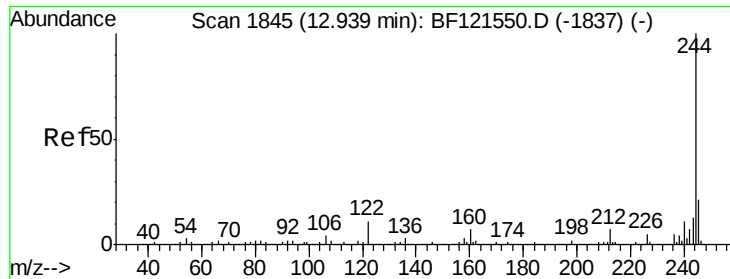
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121564.D
Acq: 14 Sep 2020 17:03

Tgt Ion:240 Resp: 537953
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.9 20.5 30.7



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: 79.354 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BSY-WC-S-SB-03

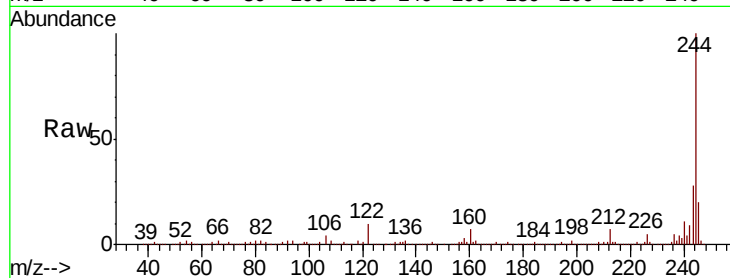
Tot Ion:244 Resp: 2107150

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

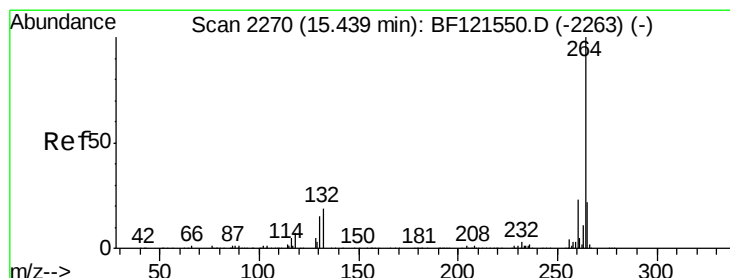
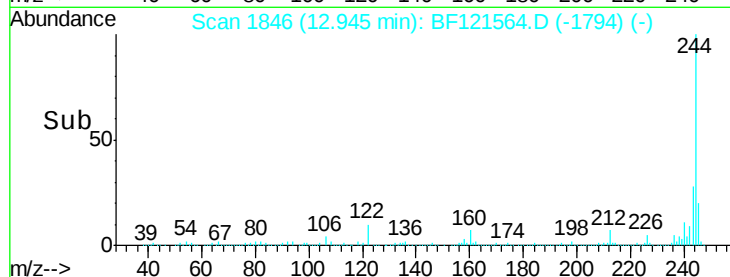
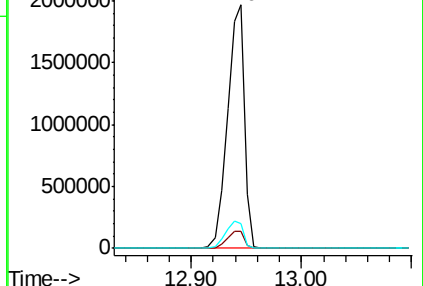
122 10.1 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF121564.D

Acq: 14 Sep 2020 17:03

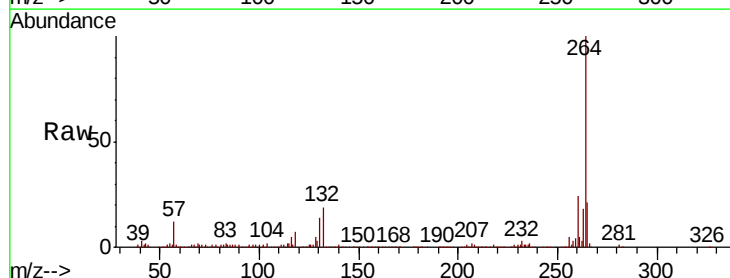
Tgt Ion:264 Resp: 433395

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 20.9 17.8 26.6



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

