

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114131.D
 Acq On : 10 May 2019 20:08
 Operator : JU/SJ
 Sample : K2762-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Quant Time: May 11 04:25:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

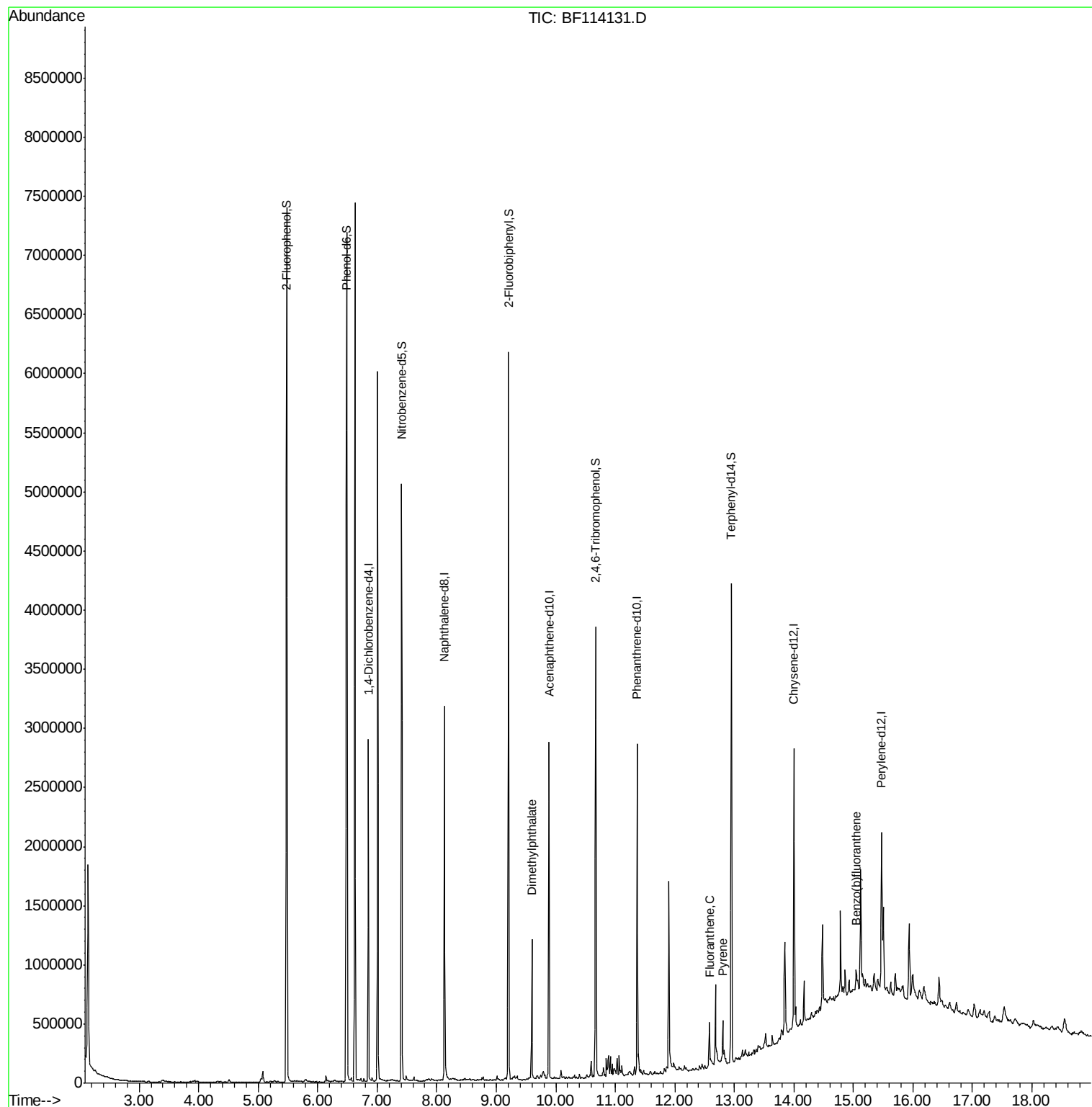
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	375532	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1336133	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	549874	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	925808	20.00	ng	0.00
76) Chrysene-d12	14.00	240	730194	20.00	ng	-0.02
87) Perylene-d12	15.47	264	631289	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1877654	80.46	ng	0.00
7) Phenol-d6	6.49	99	2497479	90.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	1504237	63.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	444367	78.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1785286	49.11	ng	0.00
79) Terphenyl-d14	12.95	244	1364249	38.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	469442	11.630	ng	98
75) Fluoranthene	12.58	202	130341	2.687	ng	98
78) Pyrene	12.80	202	144880	2.466	ng	96
88) Benzo(b)fluoranthene	15.04	252	84829m	2.097	ng	

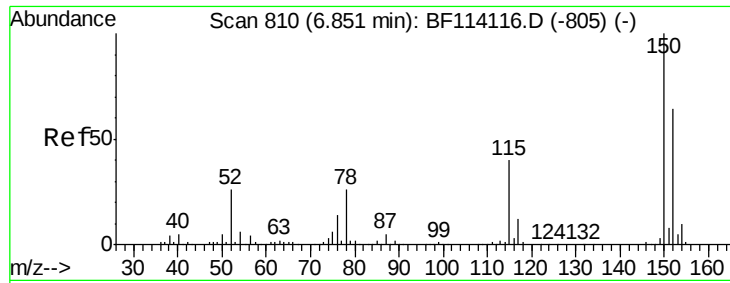
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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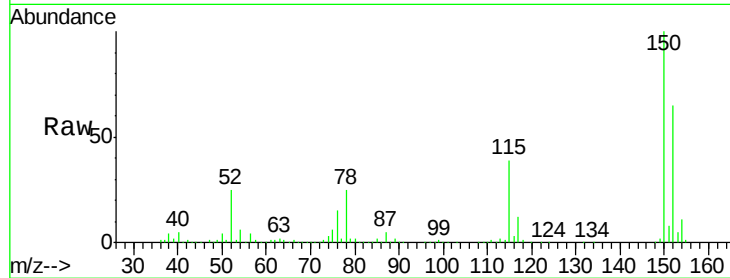


#1

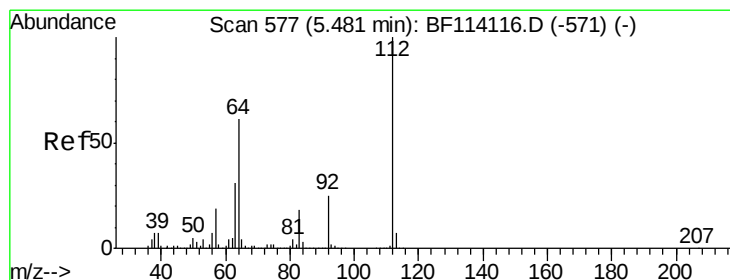
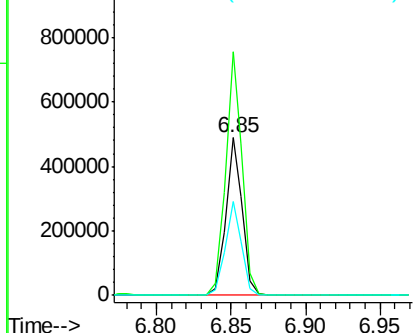
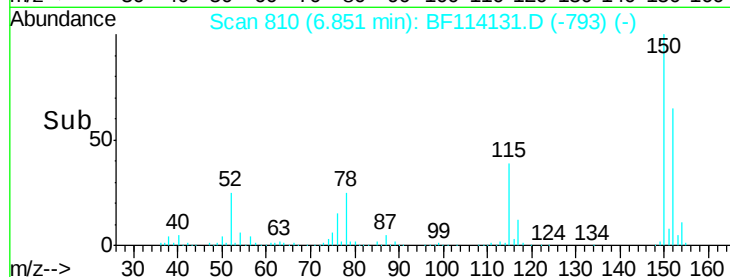
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:152 Resp: 375532
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 59.7 49.1 73.7



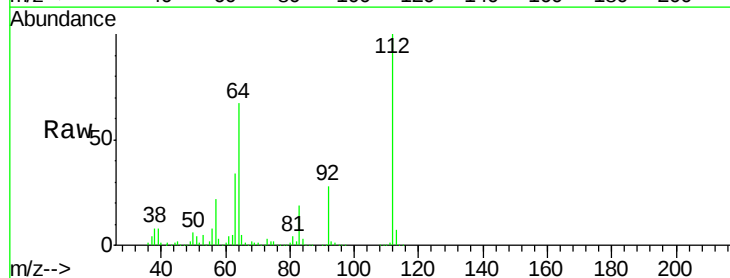
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



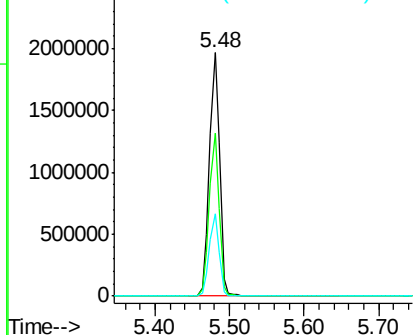
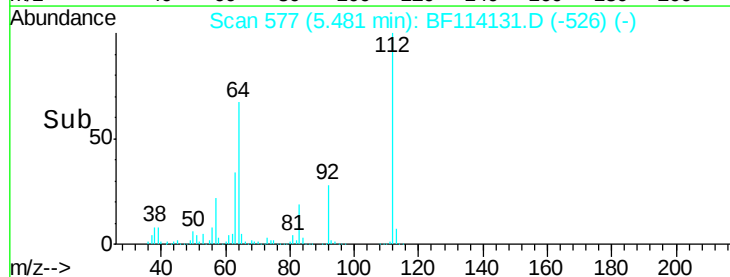
#5

2-Fluorophenol
Concen: 80.463 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:112 Resp: 1877654
Ion Ratio Lower Upper
112 100
64 66.8 49.0 73.6
63 33.9 24.6 37.0



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: 90.489 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

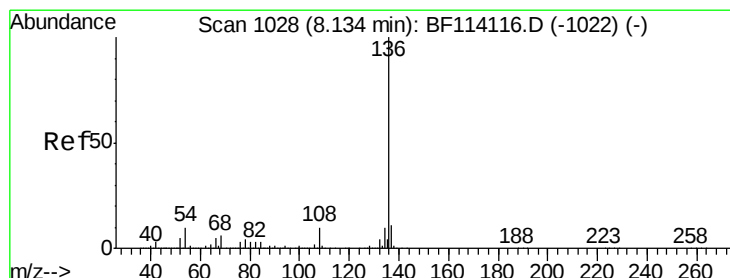
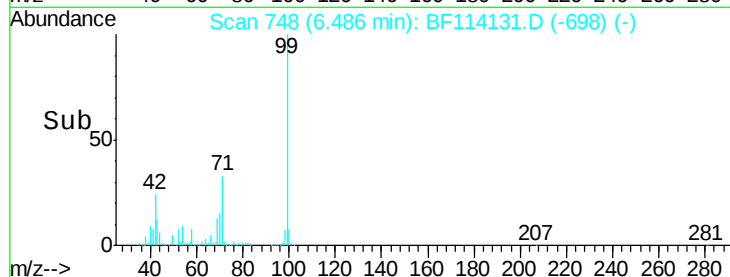
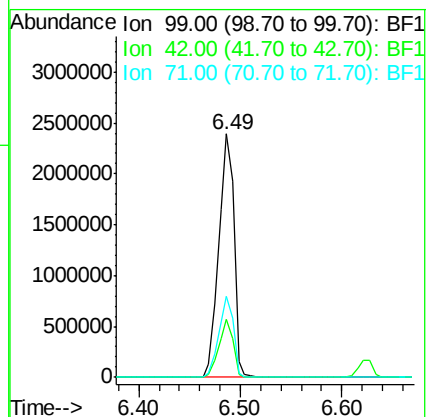
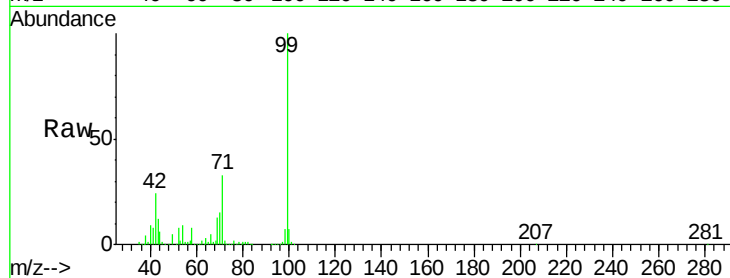
Tgt Ion: 99 Resp: 2497479

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 33.3 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Tgt Ion: 136 Resp: 1336133

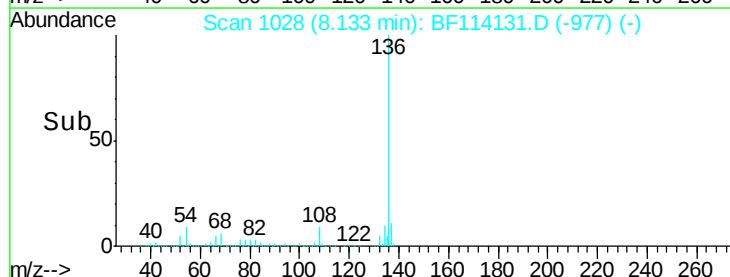
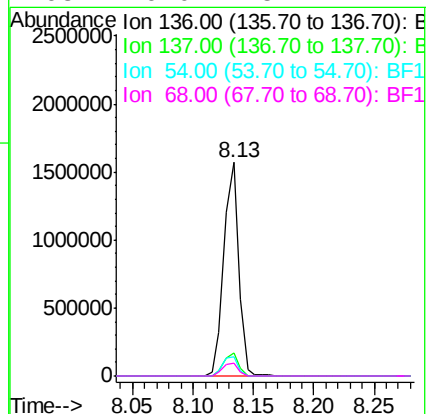
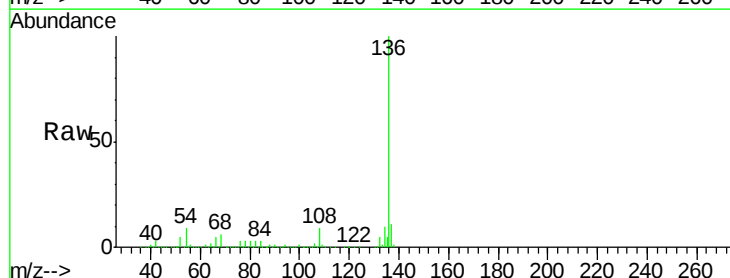
Ion Ratio Lower Upper

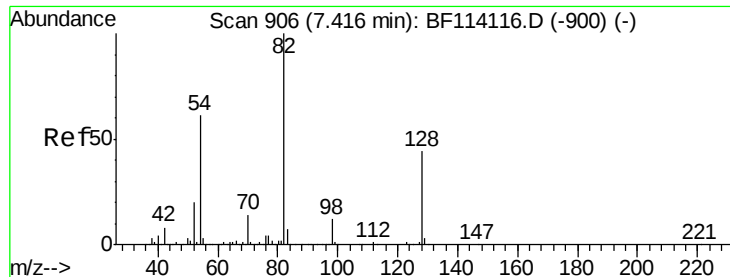
136 100

137 11.0 8.8 13.2

54 9.2 7.8 11.8

68 6.0 5.1 7.7



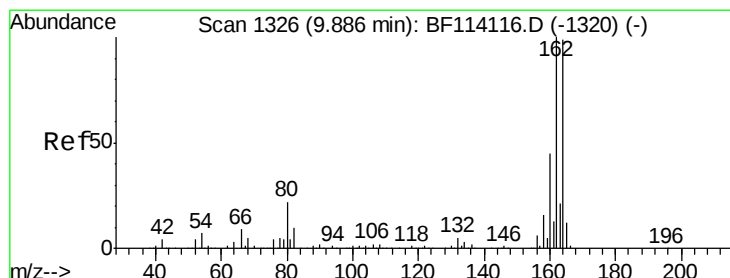
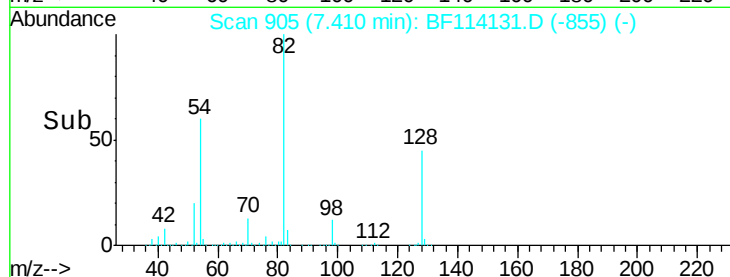
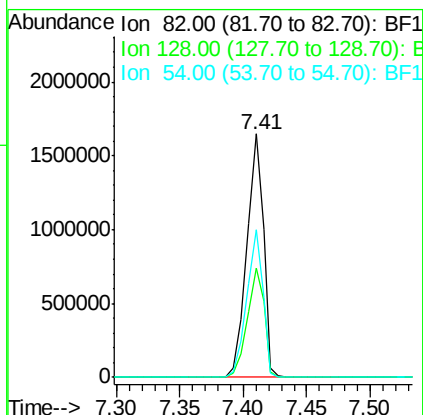
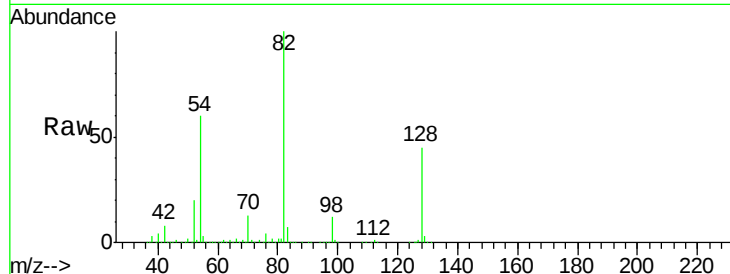


#23
 Nitrobenzene-d5
 Concen: 63.181 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Tgt Ion: 82 Resp: 1504237

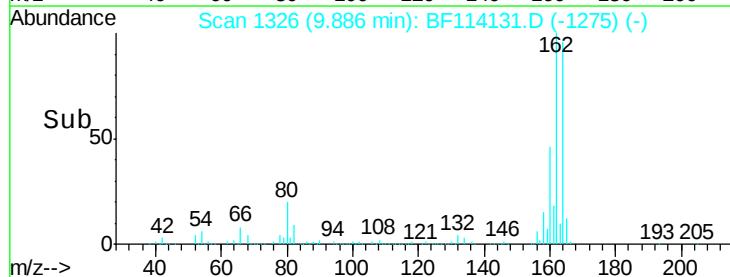
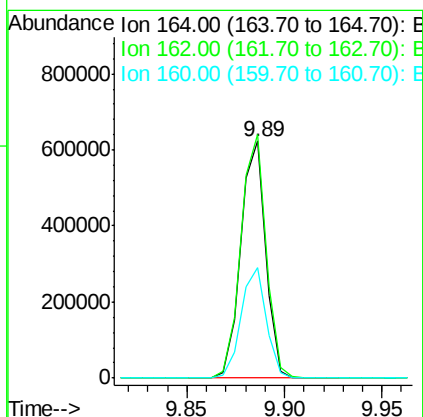
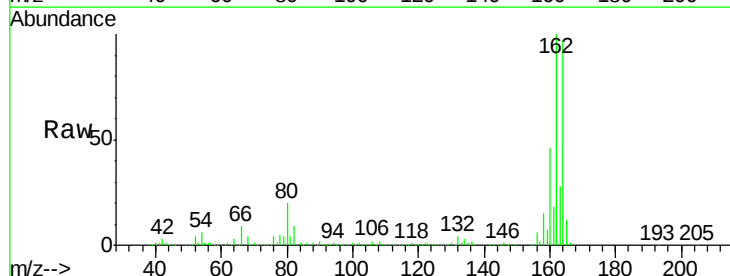
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	60.5	48.5	72.7

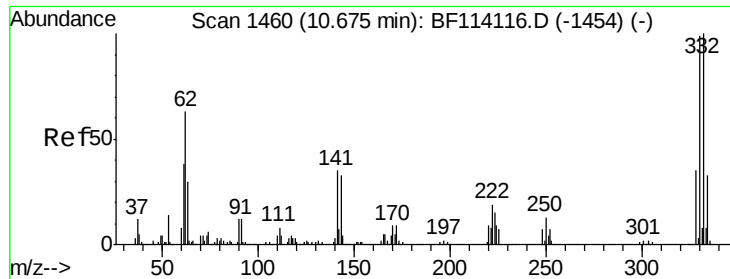


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Tgt Ion: 164 Resp: 549874

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.8	36.5	54.7

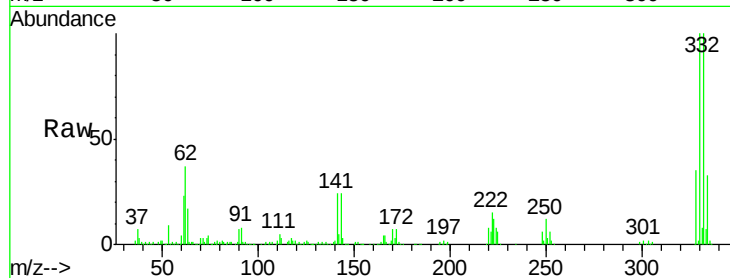




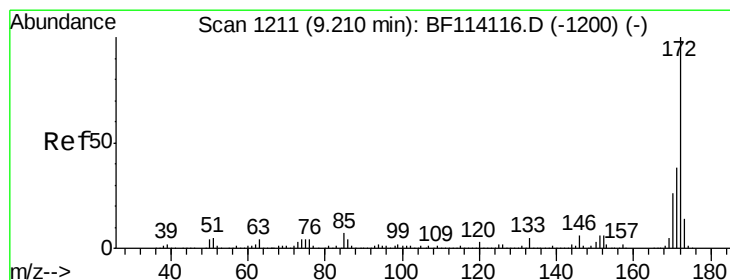
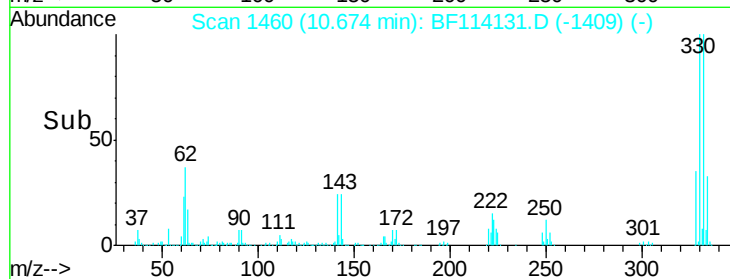
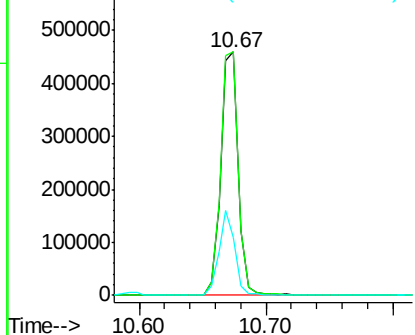
#42
 2,4,6-Tribromophenol
 Concen: 78.168 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

Tgt Ion:330 Resp: 444367
 Ion Ratio Lower Upper
 330 100
 332 101.2 81.4 122.2
 141 32.1 26.6 40.0

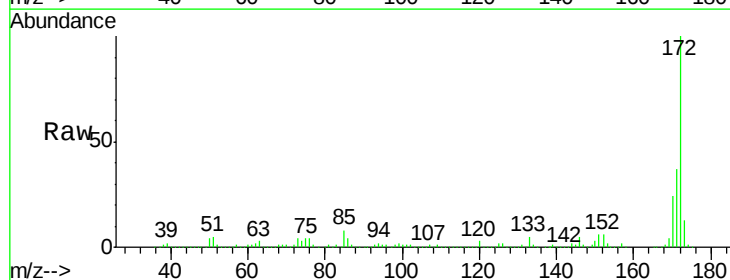


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

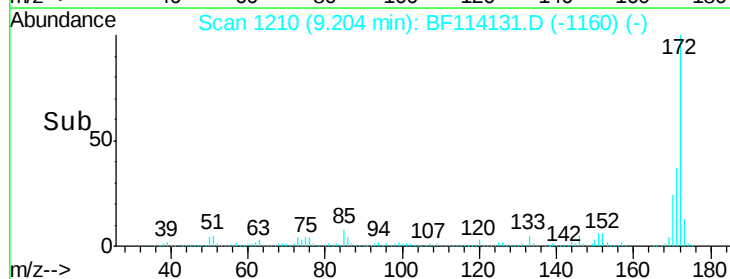
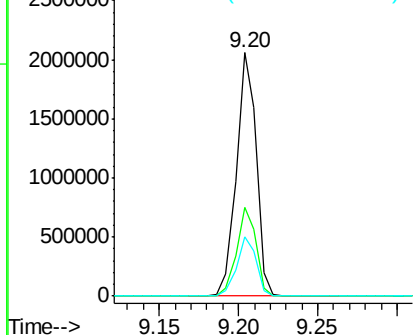


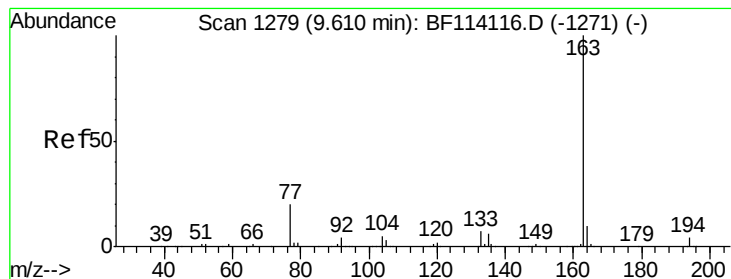
#45
 2-Fluorobiphenyl
 Concen: 49.112 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114131.D
 Acq: 10 May 2019 20:08

Tgt Ion:172 Resp: 1785286
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.7 46.1
 170 24.2 20.5 30.7



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: 11.630 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

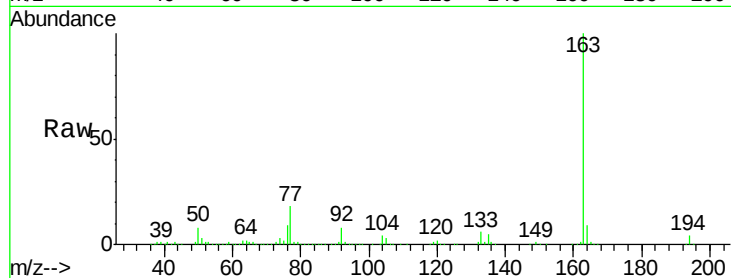
Tgt Ion:163 Resp: 469442

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

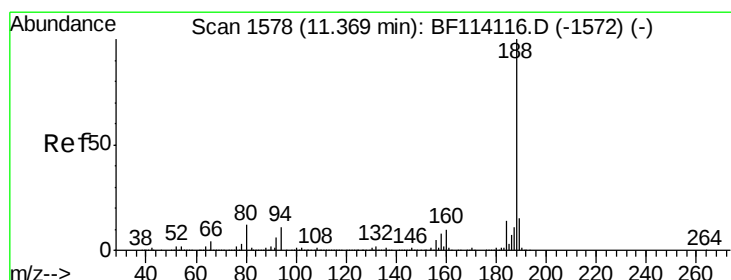
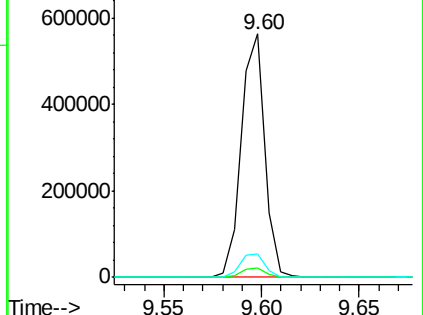
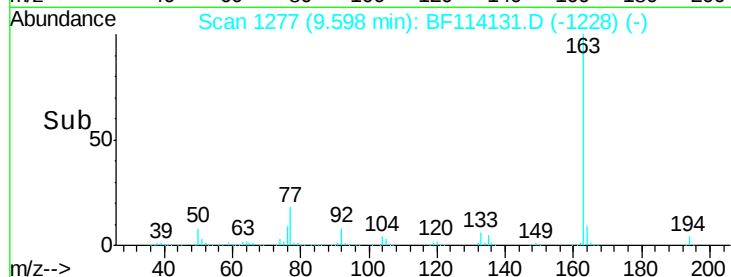
164 9.4 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

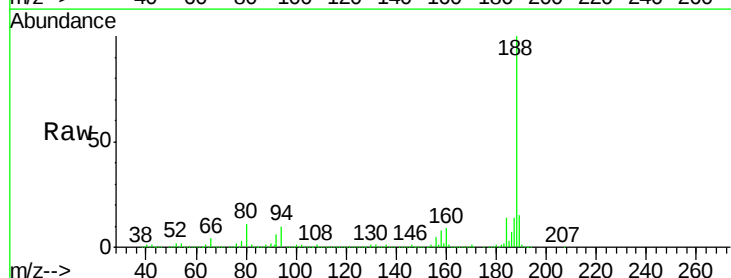
Tgt Ion:188 Resp: 925808

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

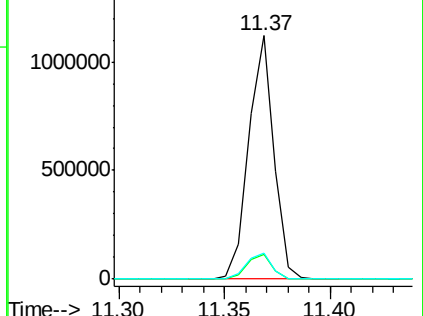
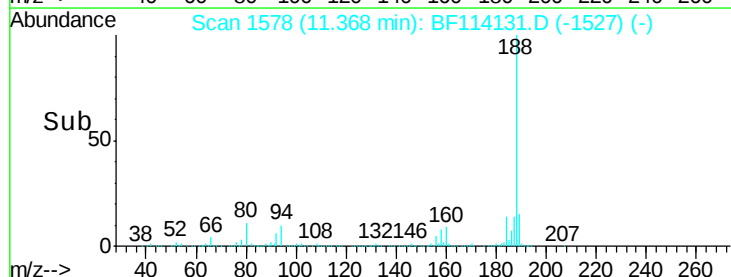
80 10.9 9.2 13.8

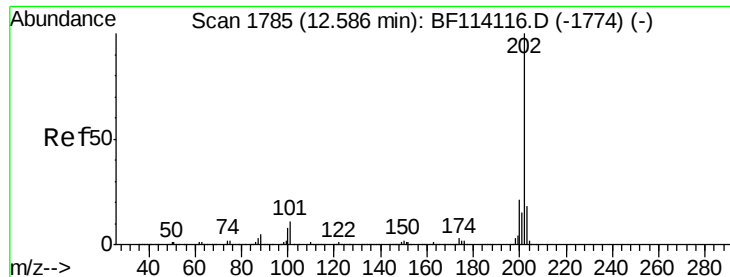


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.687 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

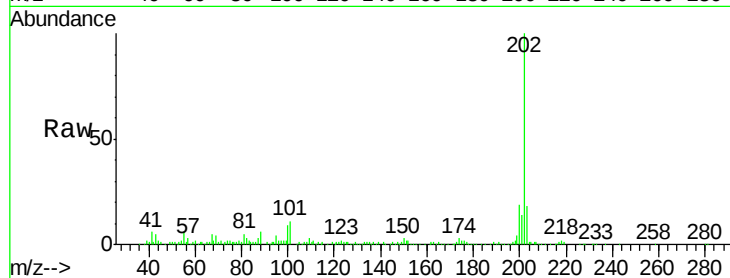
Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01

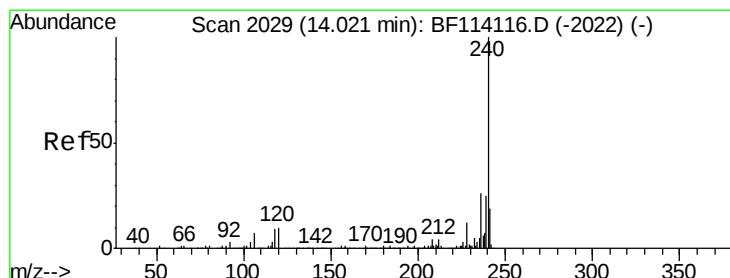
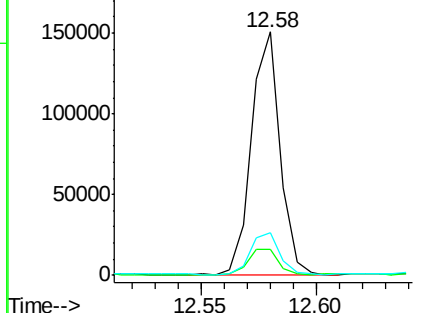
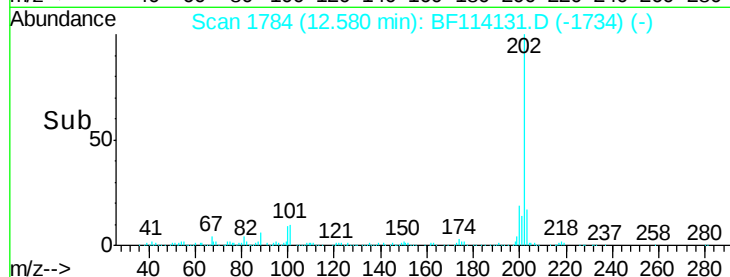
Tgt Ion:	202	Resp:	130341
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
203	17.6	0.0	38.4



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

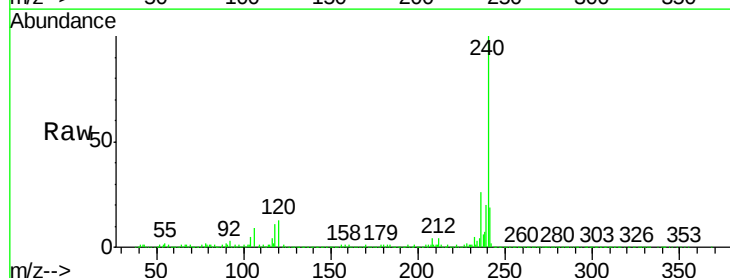
RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

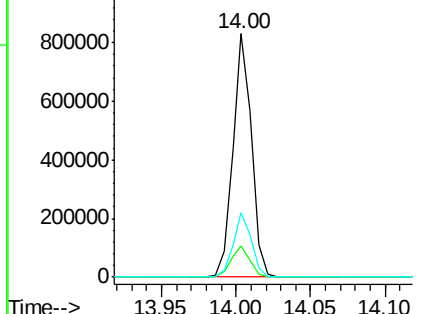
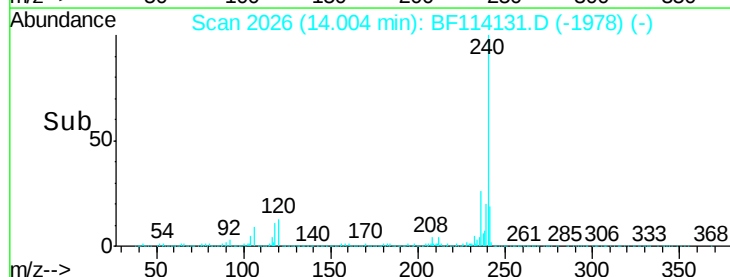
Tgt Ion:	240	Resp:	730194
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.5	20.8	31.2

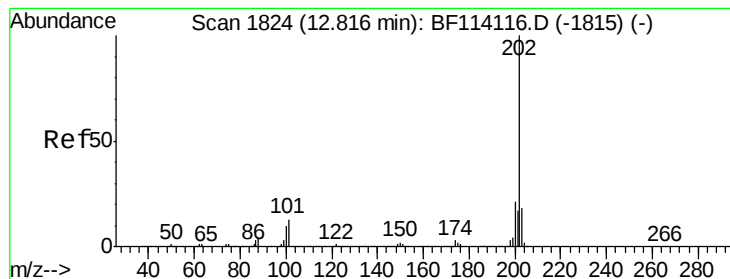


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.466 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

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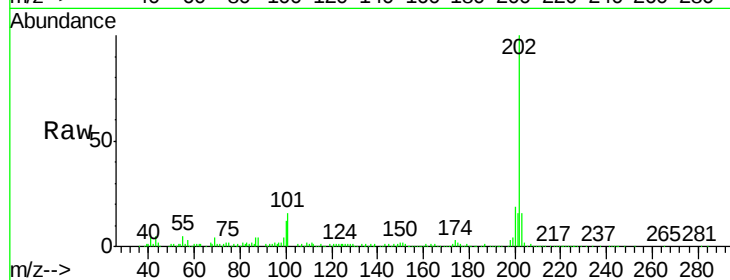
Tgt Ion:202 Resp: 144880

Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

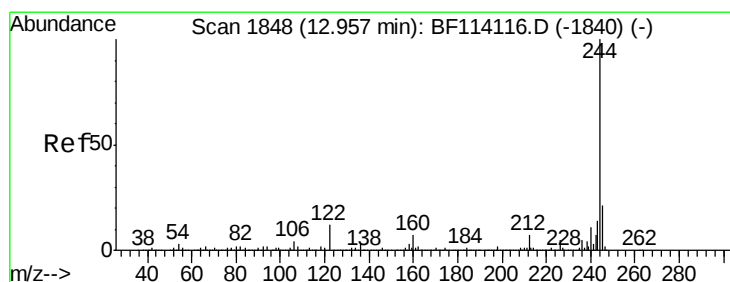
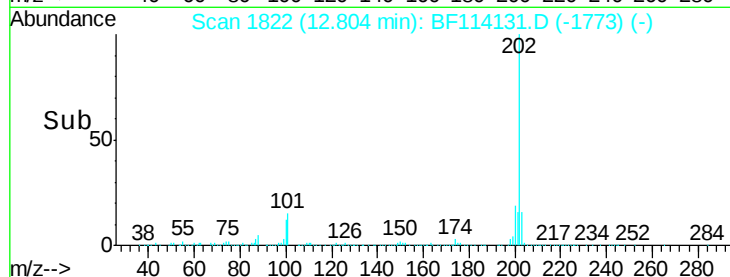
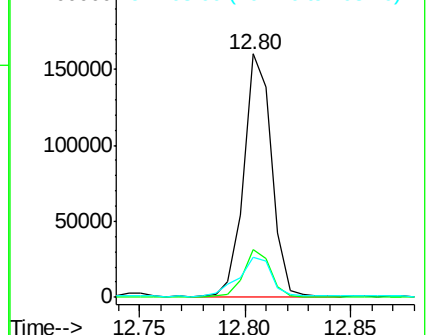
203 16.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 38.515 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114131.D

Acq: 10 May 2019 20:08

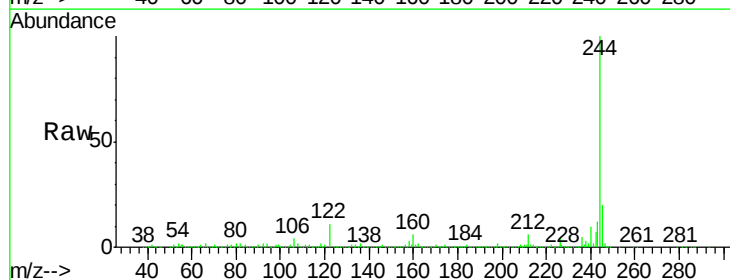
Tgt Ion:244 Resp: 1364249

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.6

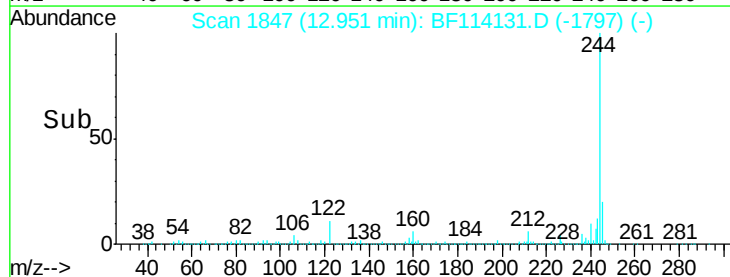
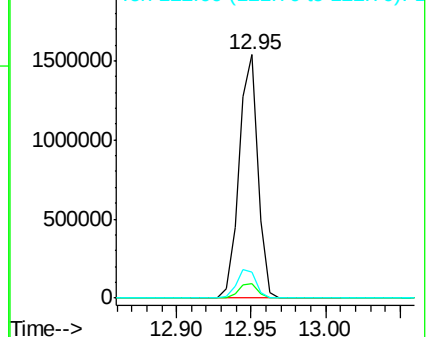
122 10.9 9.4 14.2

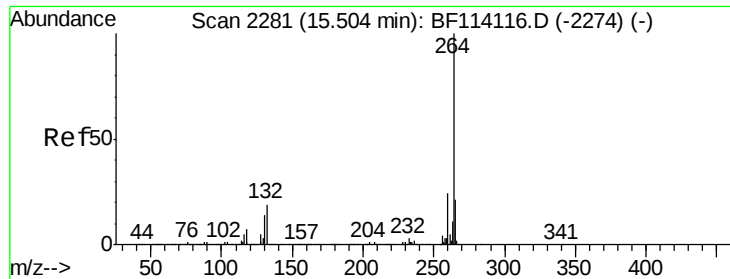


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

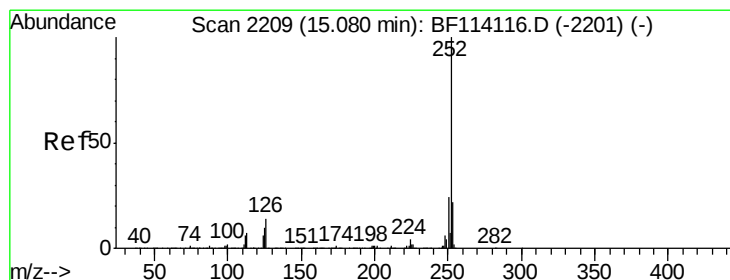
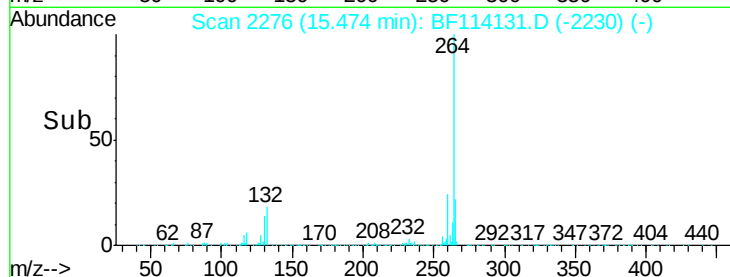
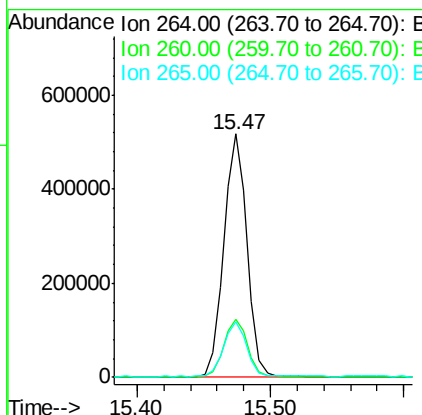
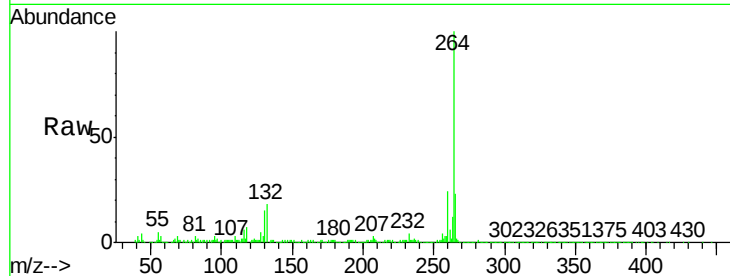




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

Tgt Ion:264 Resp: 631289
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 22.5 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.097 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114131.D
Acq: 10 May 2019 20:08

Tgt Ion:252 Resp: 84829
Ion Ratio Lower Upper
252 100
253 30.0 17.8 26.8#
125 20.0 8.3 12.5#

