

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114208.D
 Acq On : 12 May 2019 22:08
 Operator : JU/SJ
 Sample : K2767-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

Quant Time: May 13 09:24:00 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

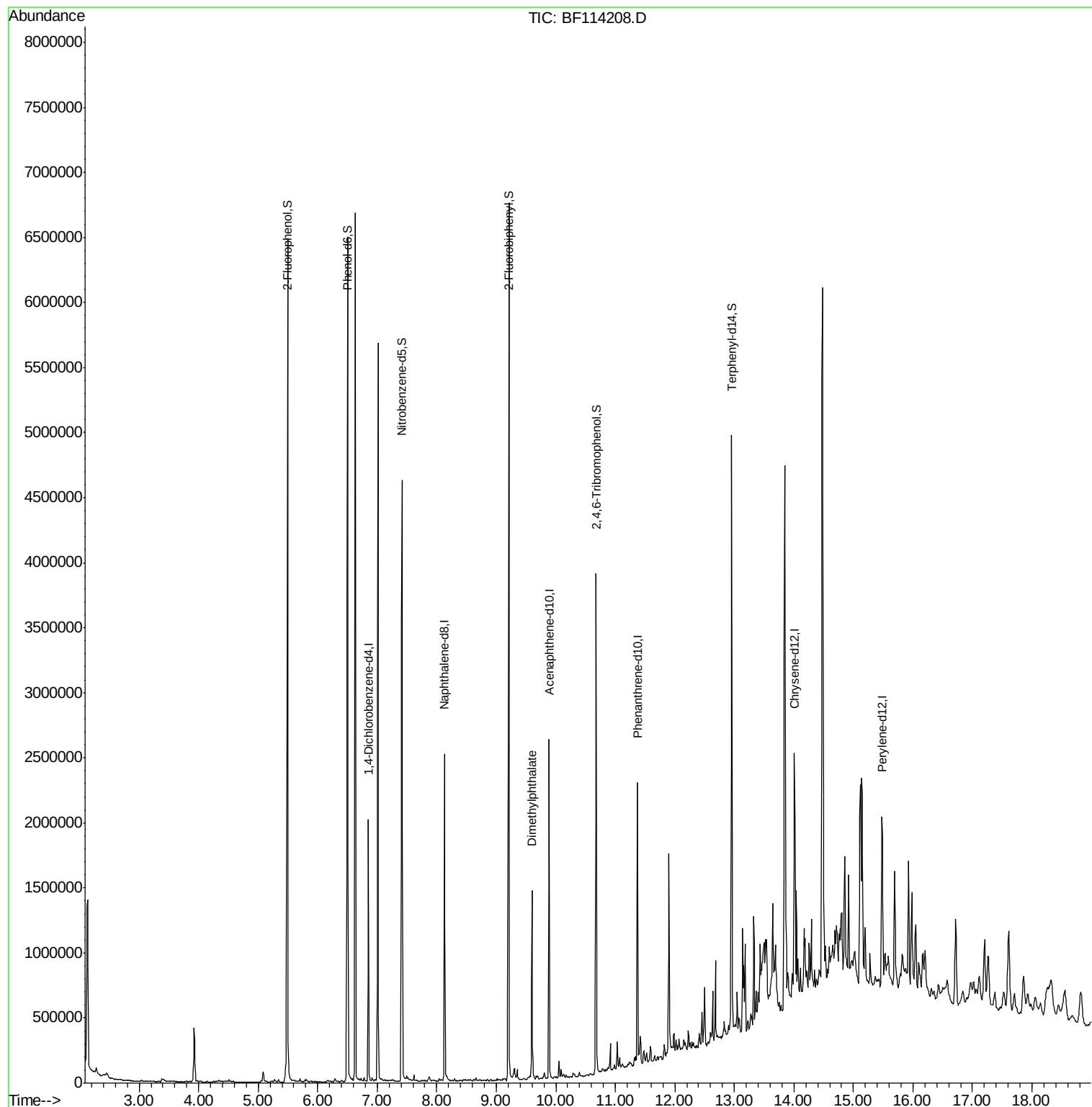
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	283050	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1046685	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	480937	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	847136	20.00	ng	0.00
76) Chrysene-d12	14.01	240	603686	20.00	ng	-0.01
87) Perylene-d12	15.48	264	564034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1810895	102.96	ng	0.01
7) Phenol-d6	6.50	99	2406310	115.67	ng	0.01
23) Nitrobenzene-d5	7.42	82	1499562	80.40	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	496953	99.95	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2146384	67.51	ng	0.00
79) Terphenyl-d14	12.96	244	1627419	55.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	525708	14.890	ng	Qvalue 99

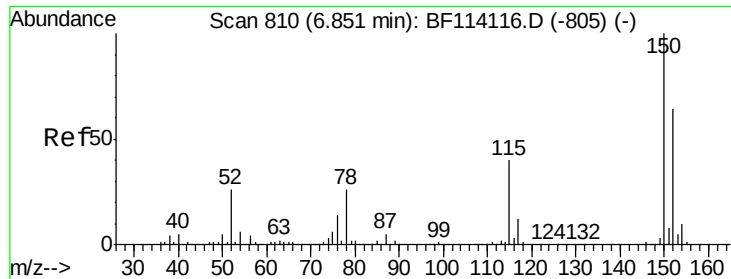
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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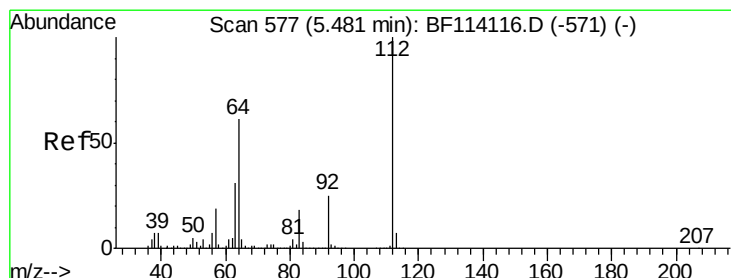
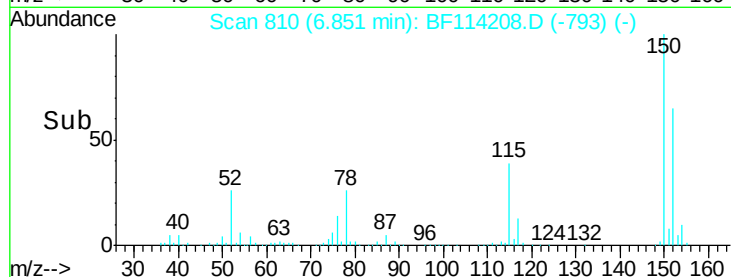
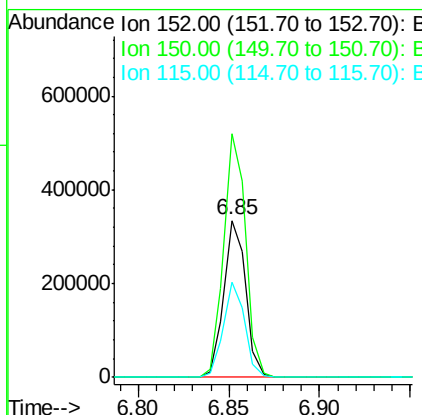
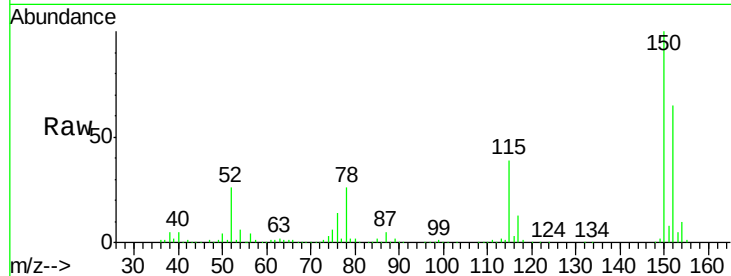


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0612-01

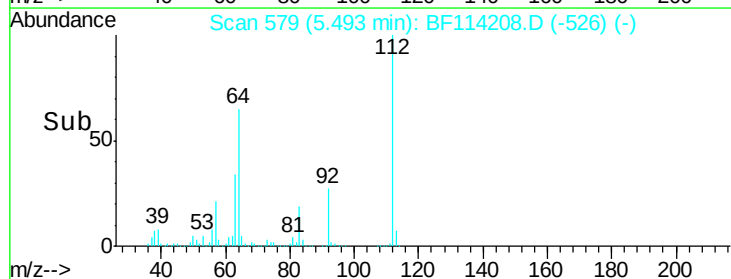
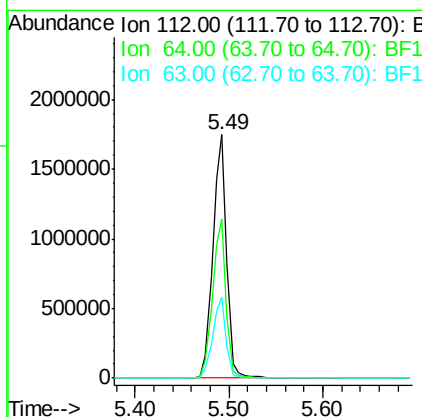
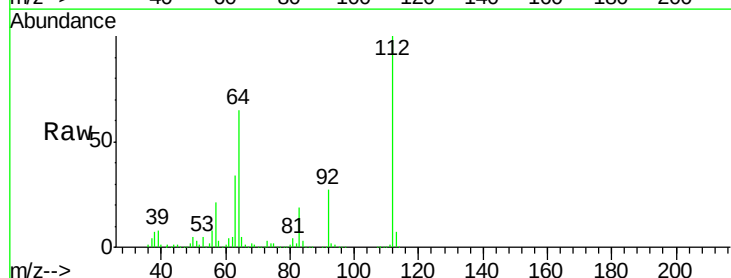
Tot Ion:152 Resp: 283050
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 60.3 49.1 73.7

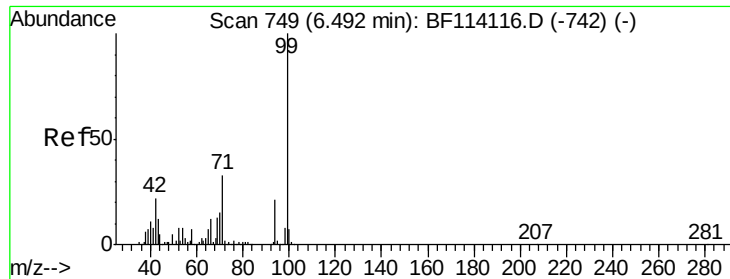


#5

2-Fluorophenol
Concen: 102.957 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Tgt Ion:112 Resp: 1810895
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.6
63 33.5 24.6 37.0





#7

Phenol-d6

Concen: 115.672 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

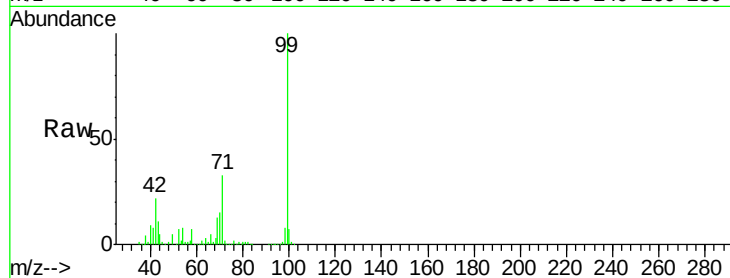
Tot Ion: 99 Resp: 2406310

Ion Ratio Lower Upper

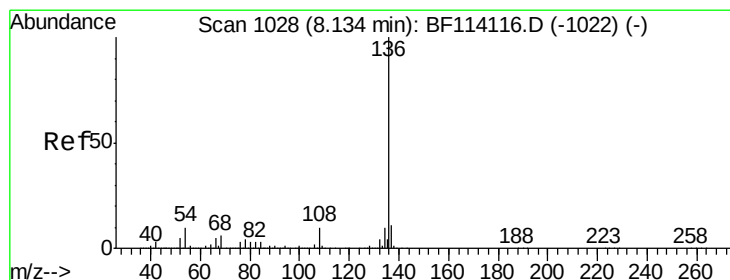
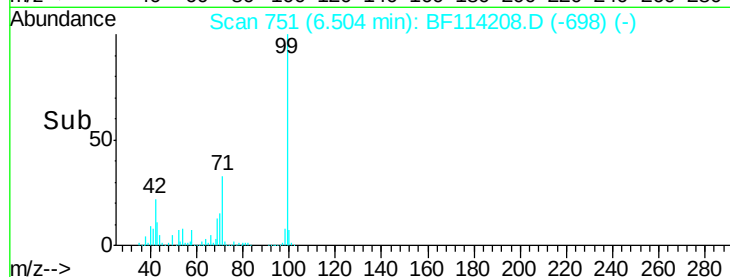
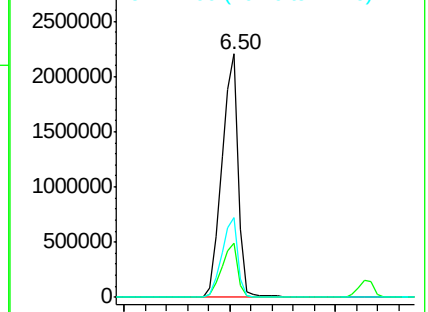
99 100

42 22.2 17.9 26.9

71 32.7 26.2 39.2



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Tgt Ion: 136 Resp: 1046685

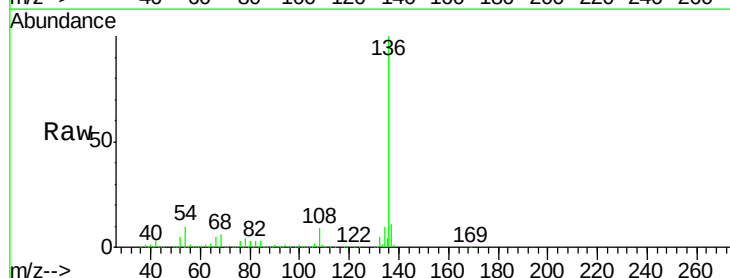
Ion Ratio Lower Upper

136 100

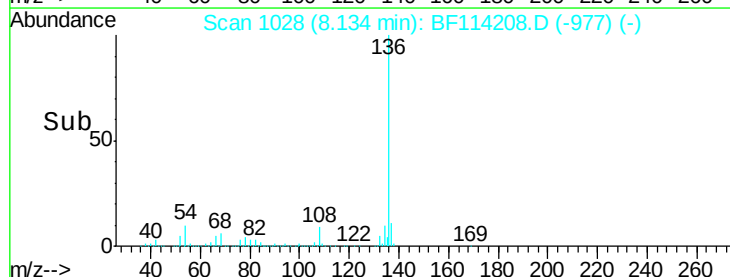
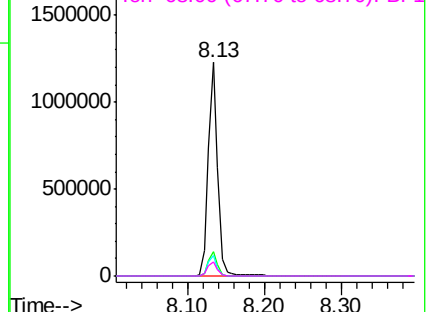
137 11.2 8.8 13.2

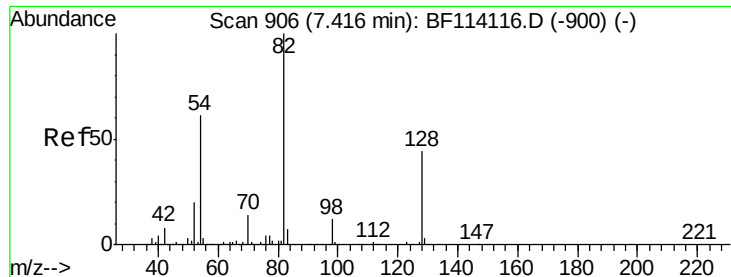
54 9.6 7.8 11.8

68 6.5 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

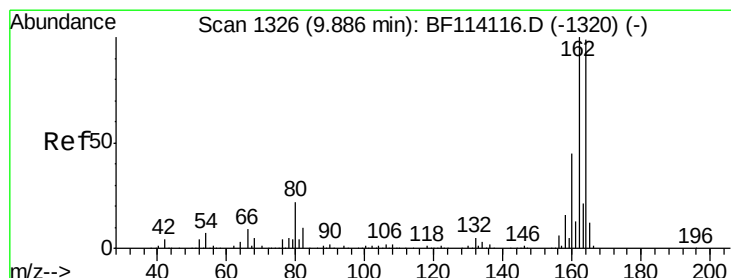
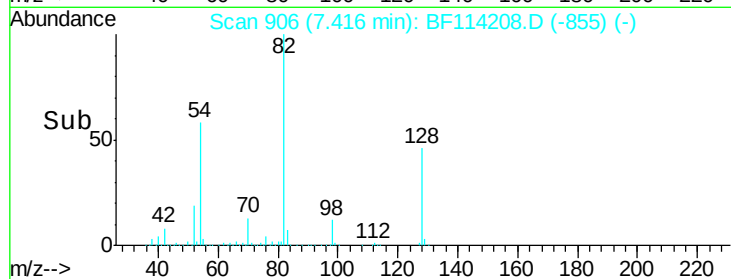
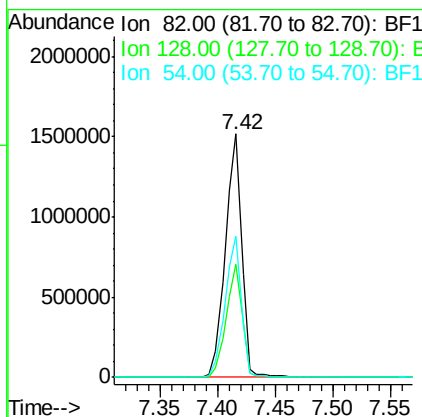
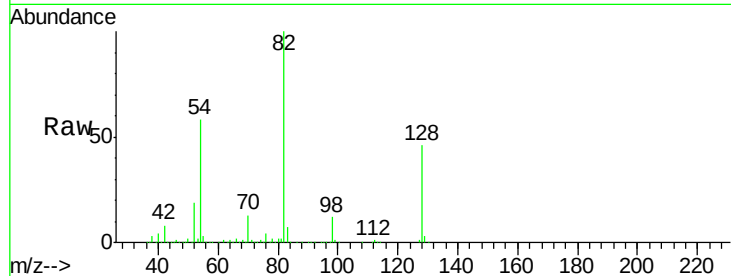




#23
 Nitrobenzene-d5
 Concen: 80.402 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

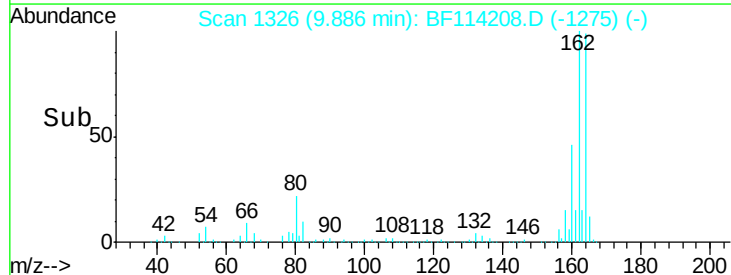
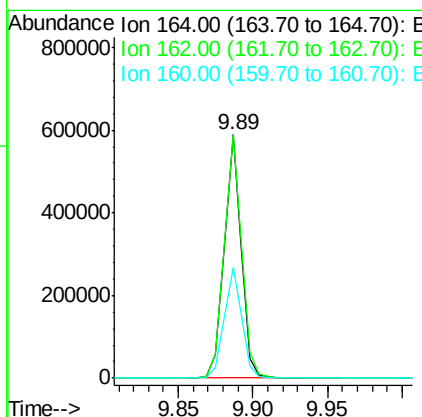
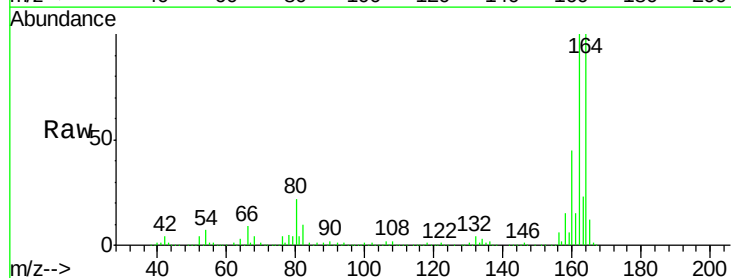
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

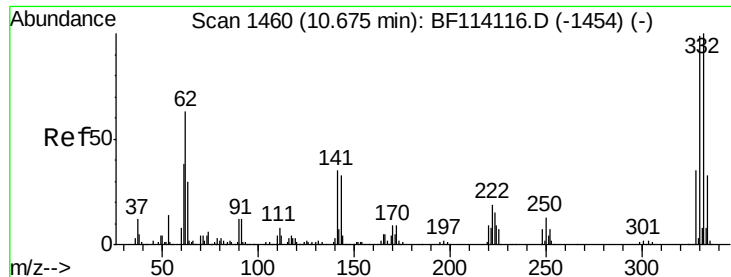
Tot Ion: 82 Resp: 1499562
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.5 53.3
 54 58.0 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Tgt Ion: 164 Resp: 480937
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.6 120.8
 160 45.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 99.949 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

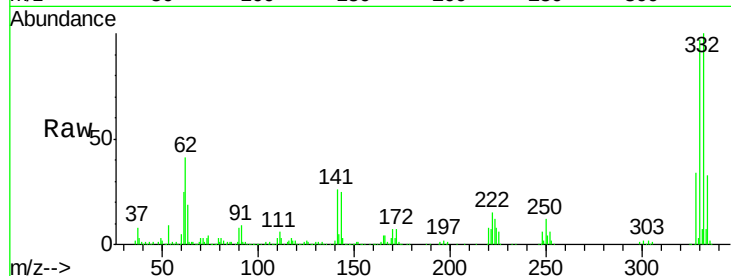
Tot Ion:330 Resp: 496953

Ion Ratio Lower Upper

330 100

332 102.5 81.4 122.2

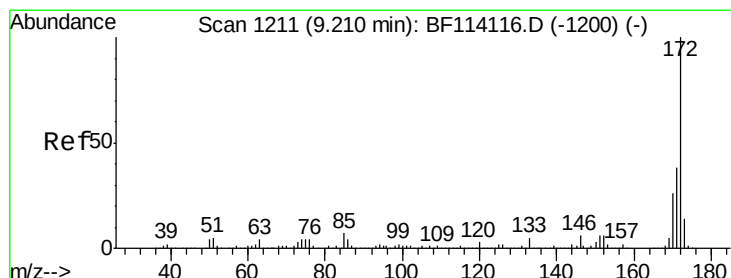
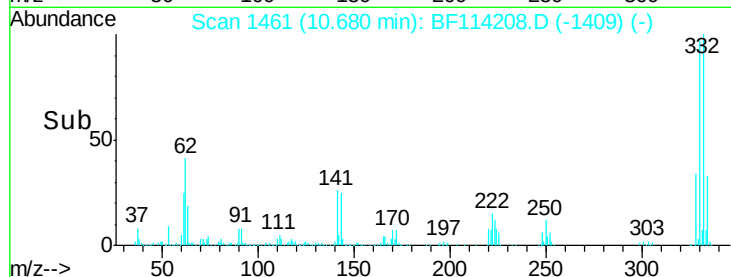
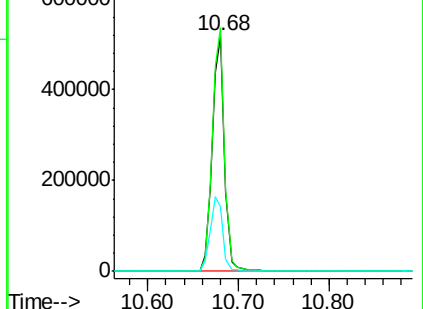
141 32.7 26.6 40.0



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: 67.509 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

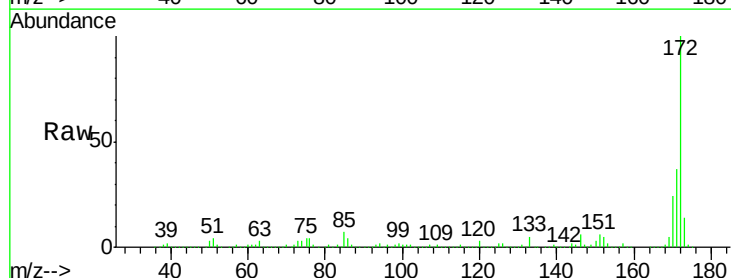
Tgt Ion:172 Resp: 2146384

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

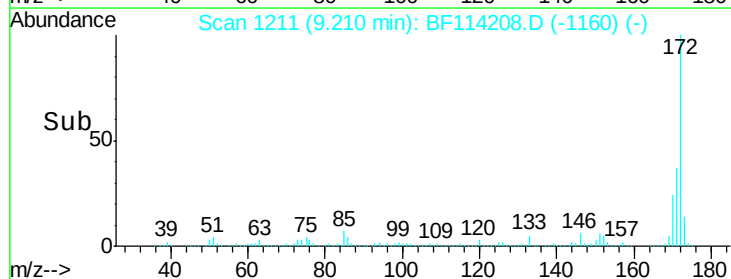
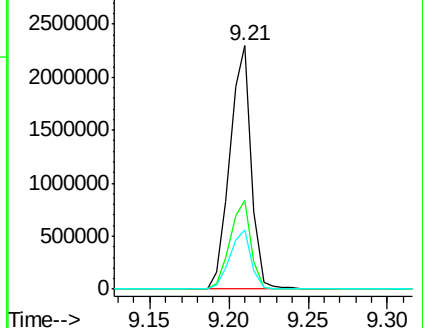
170 24.5 20.5 30.7

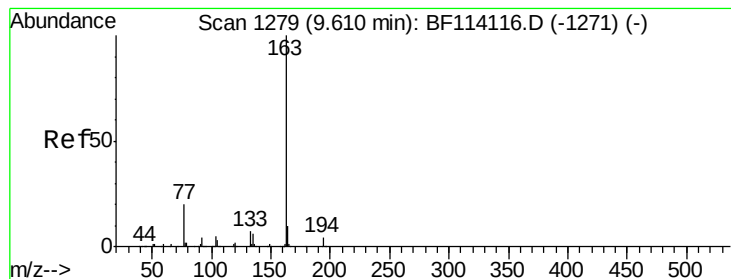


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.890 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

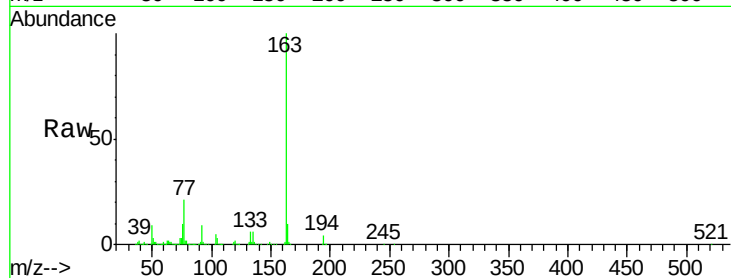
Tot Ion:163 Resp: 525708

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

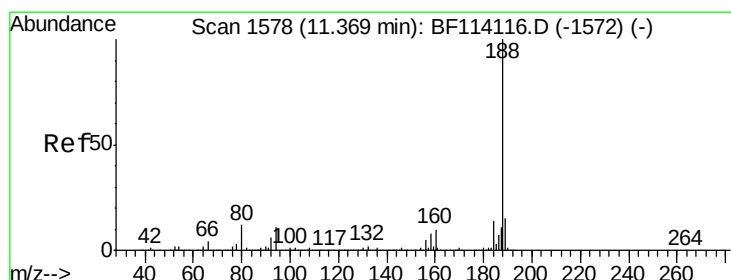
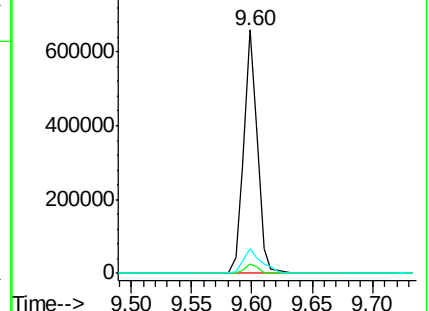
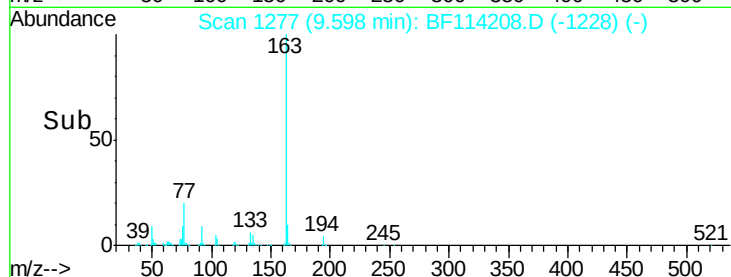
164 10.2 8.2 12.2



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# 1579

Delta R.T. 0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

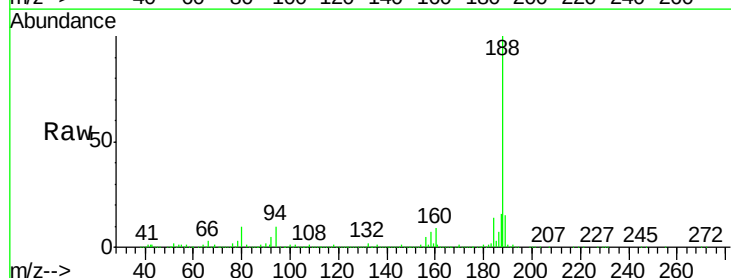
Tgt Ion:188 Resp: 847136

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

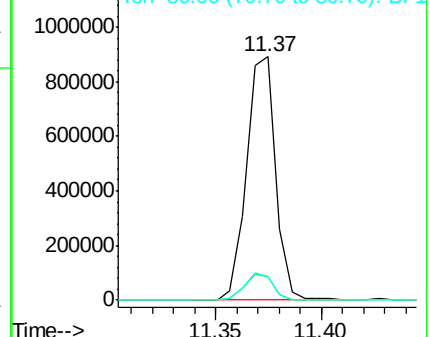
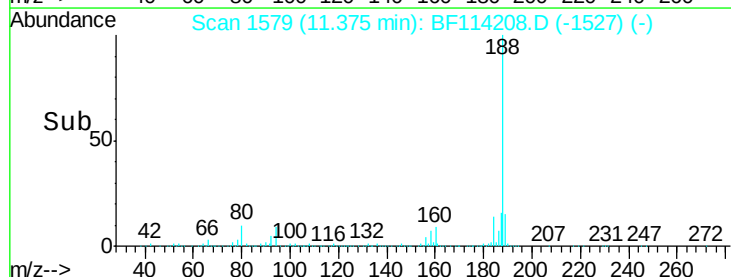
80 9.7 9.2 13.8

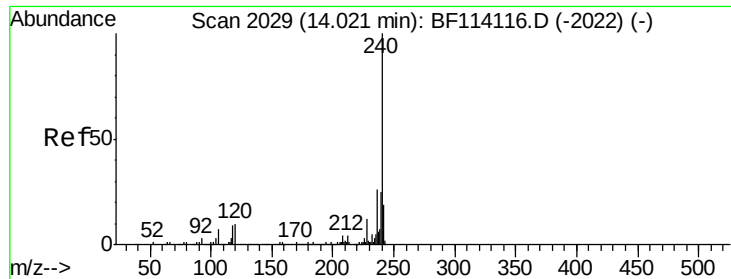


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

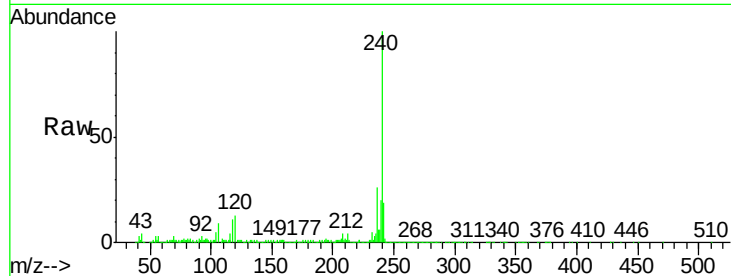
Tot Ion:240 Resp: 603686

Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

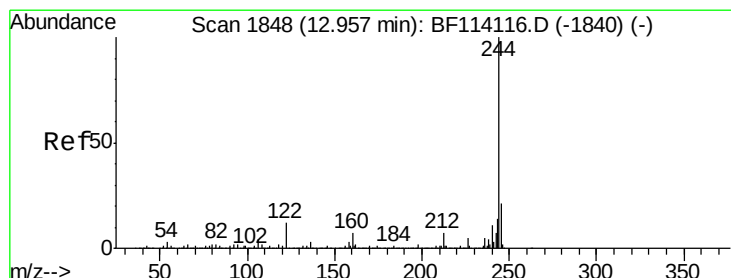
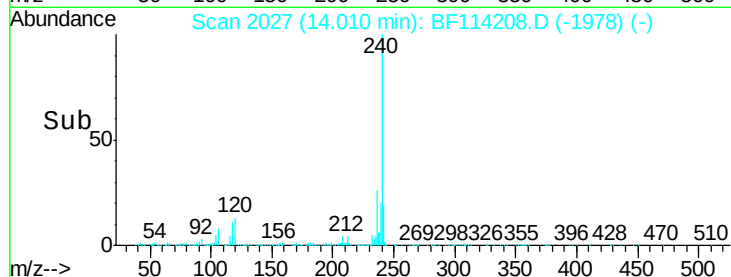
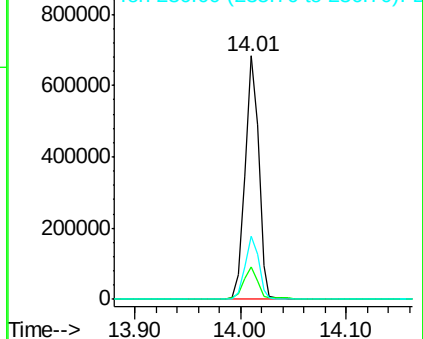
236 25.9 20.8 31.2



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



#79

Terphenyl-d14

Concen: 55.572 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

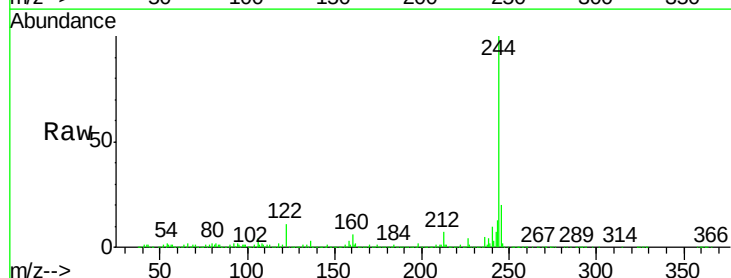
Tgt Ion:244 Resp: 1627419

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

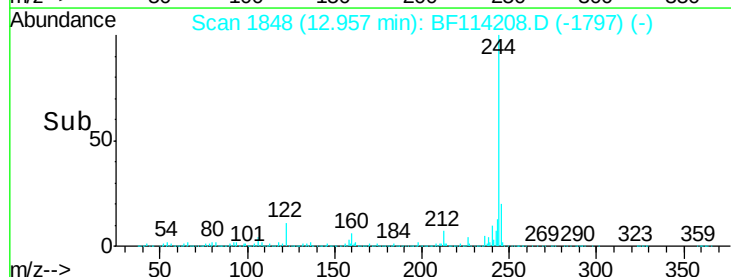
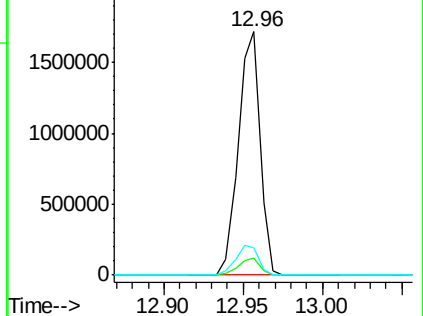
122 11.3 9.4 14.2

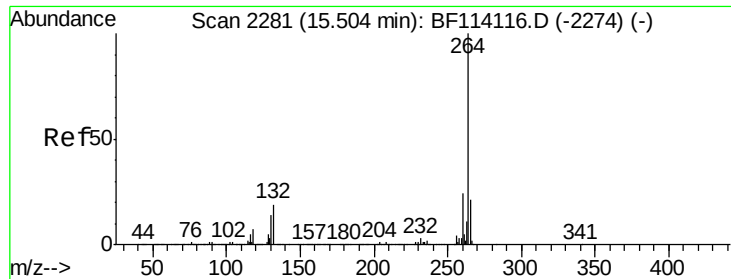


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.9	16.9	25.3

