

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001125.D
 Acq On : 02 Dec 2019 14:45
 Operator : JU
 Sample : PB125152BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125152BL

Quant Time: Dec 02 15:25:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135153	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	502970	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	281375	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	540208	20.00	ng	0.00
76) Chrysene-d12	19.26	240	421139	20.00	ng	-0.01
87) Perylene-d12	21.04	264	448189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1147449	140.86	ng	0.01
7) Phenol-d6	7.77	99	1551408	142.95	ng	0.00
23) Nitrobenzene-d5	9.21	82	1029599	88.81	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	350776	130.06	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1743219	90.67	ng	0.00
79) Terphenyl-d14	17.91	244	2053049	90.19	ng	0.00

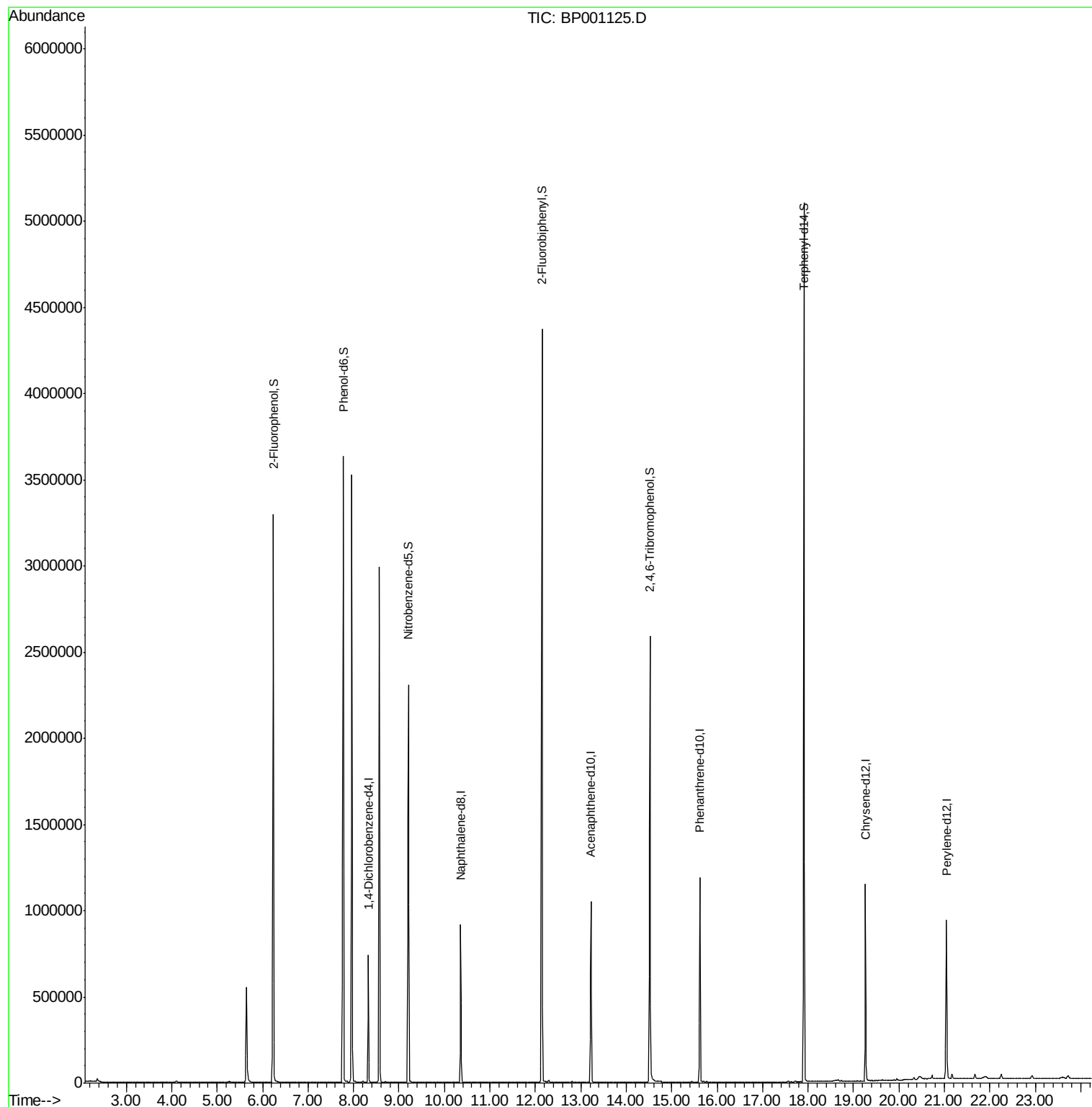
Target Compounds Qvalue

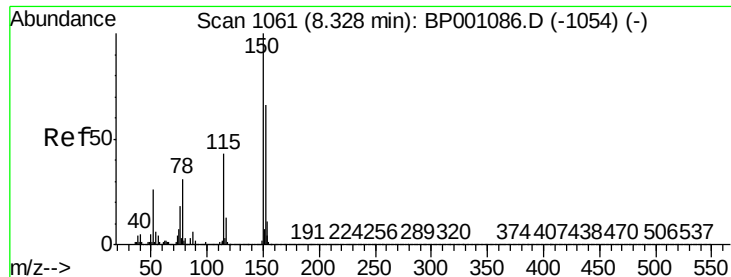
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BP001125.D

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BNA_P

ClientSampleId :

PB125152BL

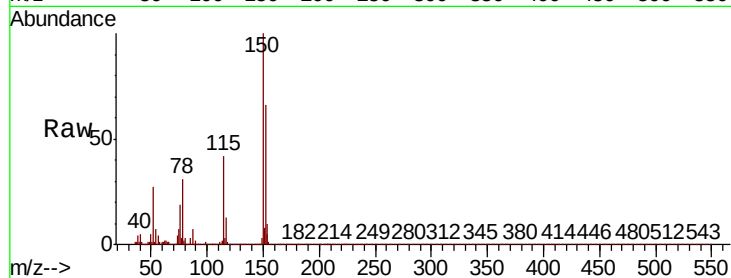
Tot Ion:152 Resp: 135153

Ion Ratio Lower Upper

152 100

150 151.5 120.6 181.0

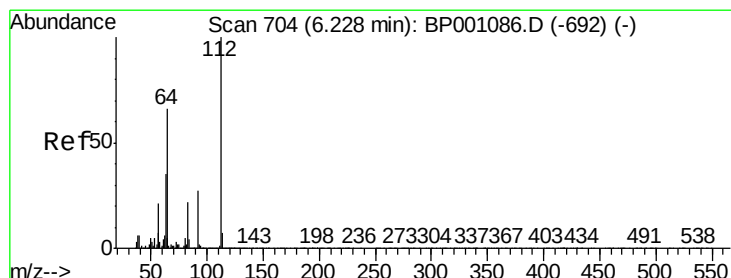
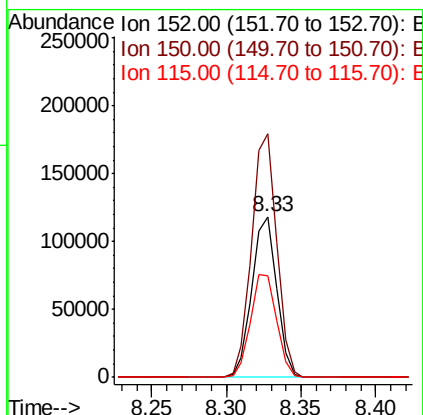
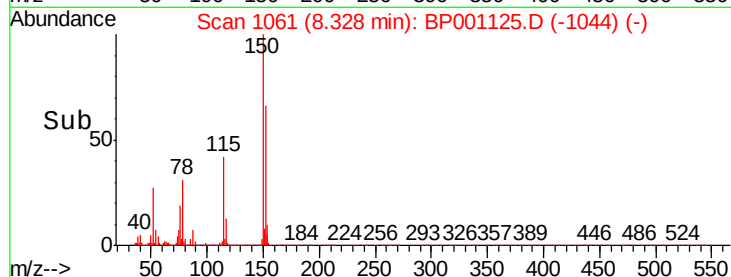
115 63.3 51.6 77.4



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: 140.856 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

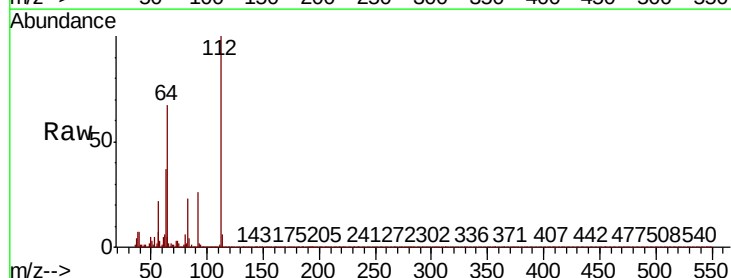
Tgt Ion:112 Resp: 1147449

Ion Ratio Lower Upper

112 100

64 66.6 52.8 79.2

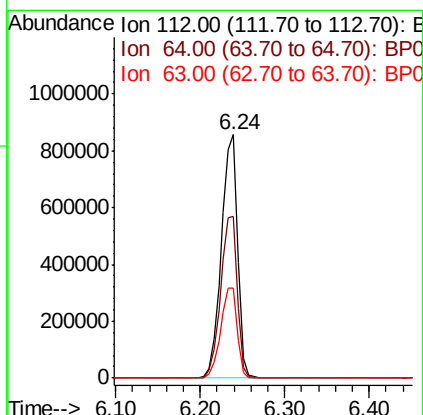
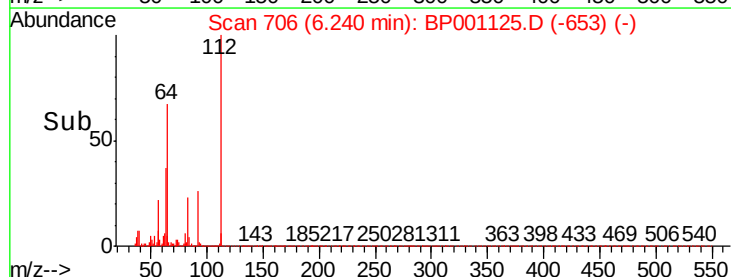
63 37.1 28.2 42.2

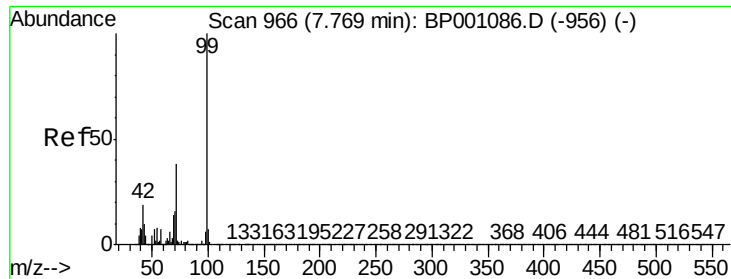


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 142.950 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Instrument :

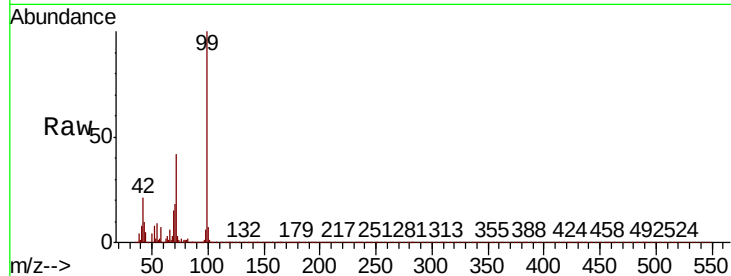
BNA_P

ClientSampleId :

PB125152BL

Tot Ion: 99 Resp: 1551408

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.4	23.0
71	41.7	30.8	46.2



Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

1500000

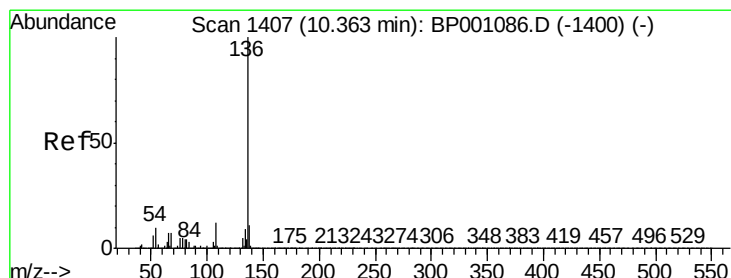
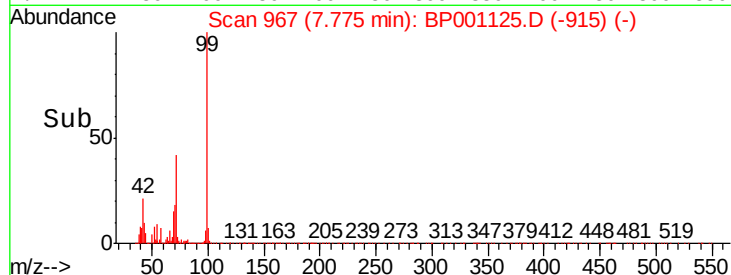
1000000

500000

0

7.77

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

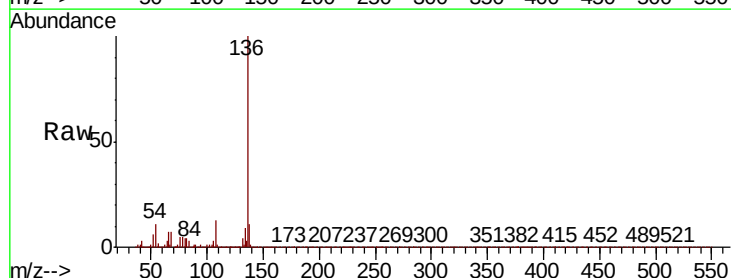
Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Tgt Ion: 136 Resp: 502970

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	7.9	11.9
68	7.0	5.6	8.4



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): BP0

Ion 68.00 (67.70 to 68.70): BP0

600000

500000

400000

300000

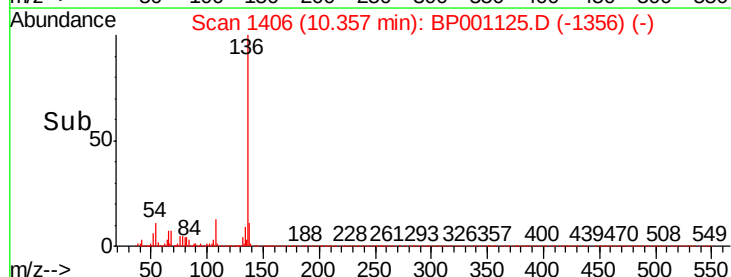
200000

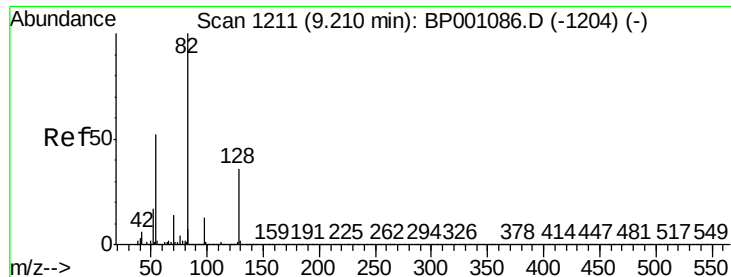
100000

0

10.36

Time-->

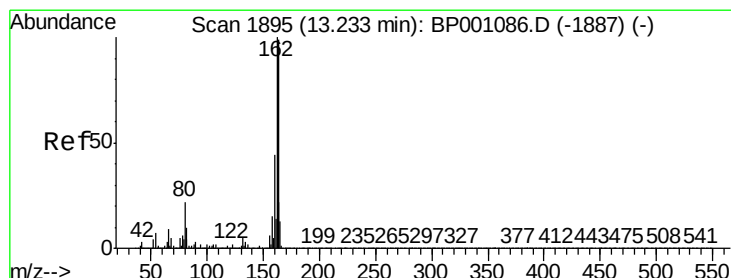
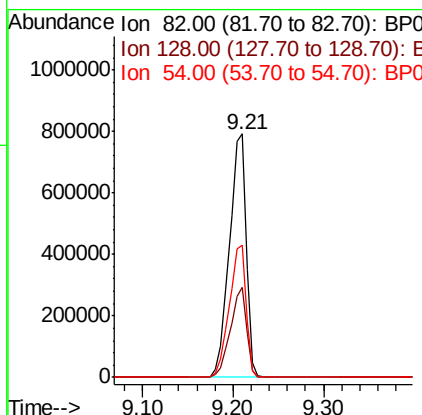
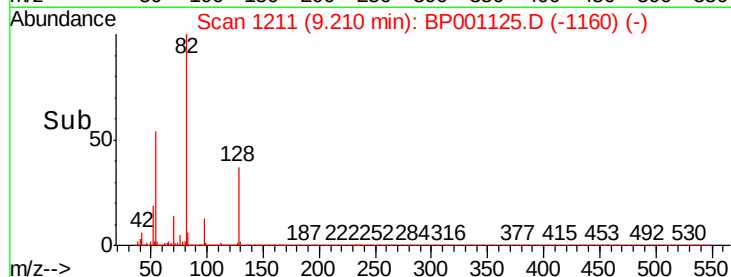
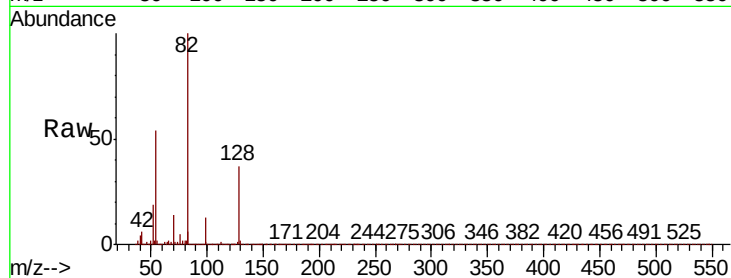




#23
Nitrobenzene-d5
Concen: 88.812 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BP001125.D
Acq: 02 Dec 2019 14:45

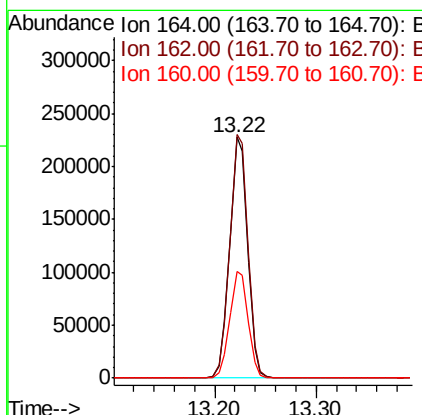
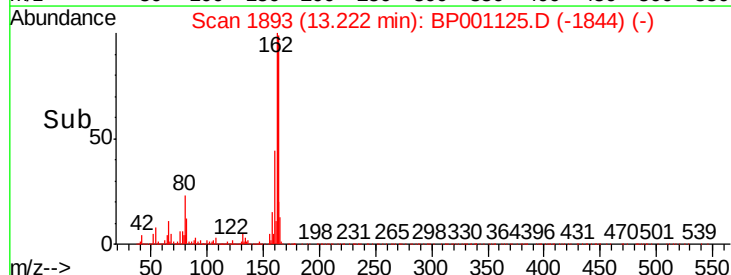
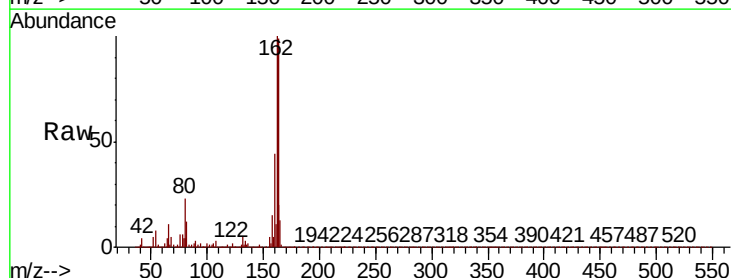
Instrument :
BNA_P
ClientSampleId :
PB125152BL

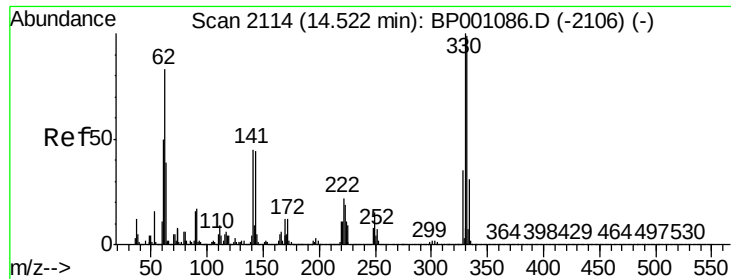
Tot Ion: 82 Resp: 1029599
Ion Ratio Lower Upper
82 100
128 36.8 28.9 43.3
54 54.2 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BP001125.D
Acq: 02 Dec 2019 14:45

Tgt Ion:164 Resp: 281375
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 130.063 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

PB125152BL

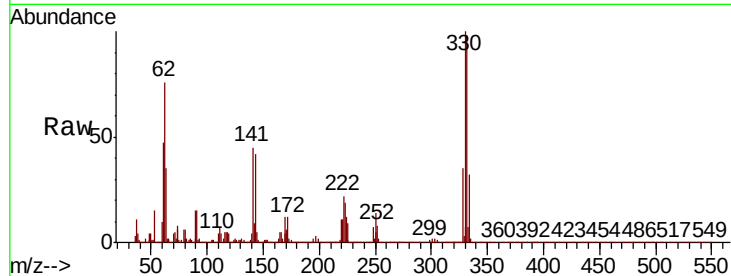
Tot Ion:330 Resp: 350776

Ion Ratio Lower Upper

330 100

332 98.8 77.6 116.4

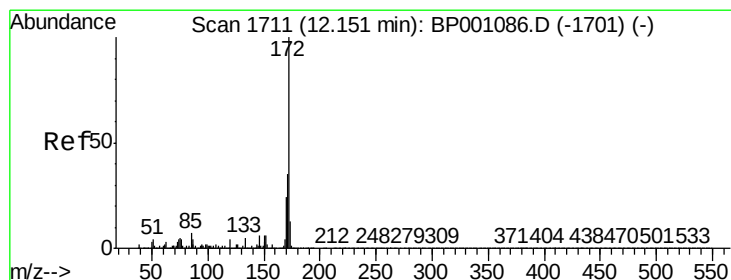
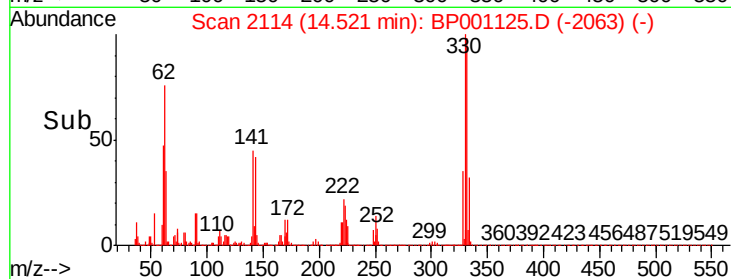
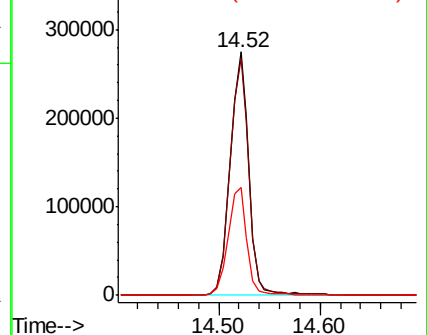
141 44.9 34.2 51.2



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: 90.674 ng

RT: 12.15 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

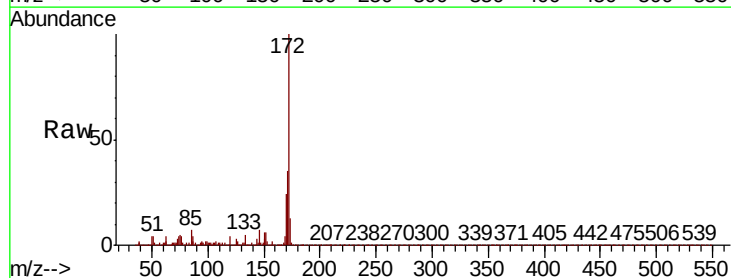
Tgt Ion:172 Resp: 1743219

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

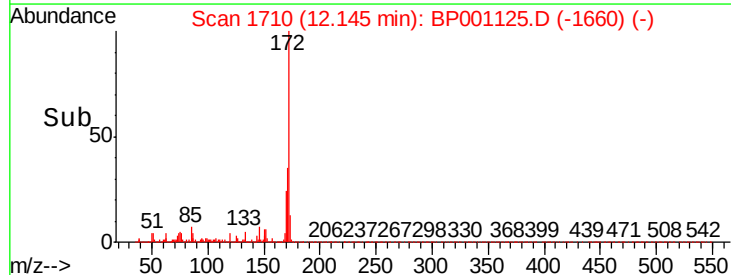
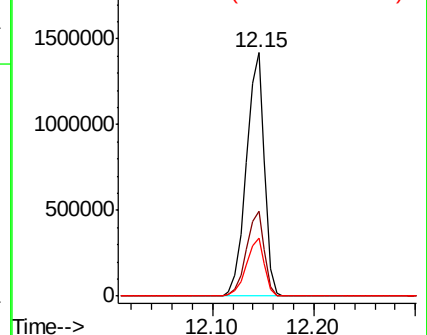
170 23.9 19.0 28.4

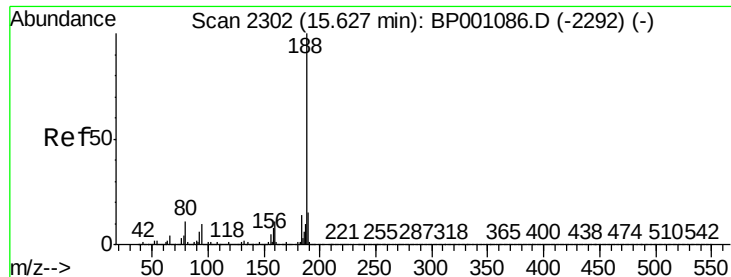


Abundance Ion 172.00 (171.70 to 172.70): E

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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

PB125152BL

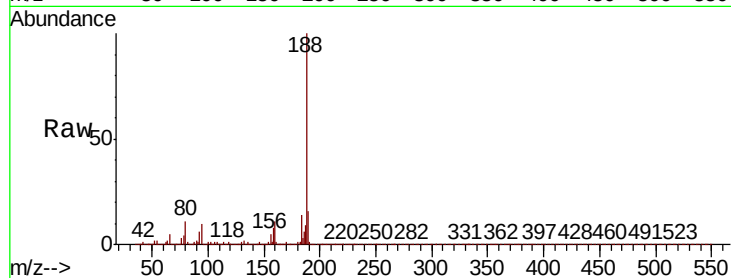
Tot Ion:188 Resp: 540208

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

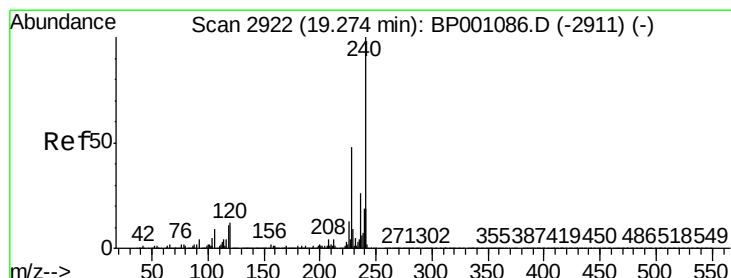
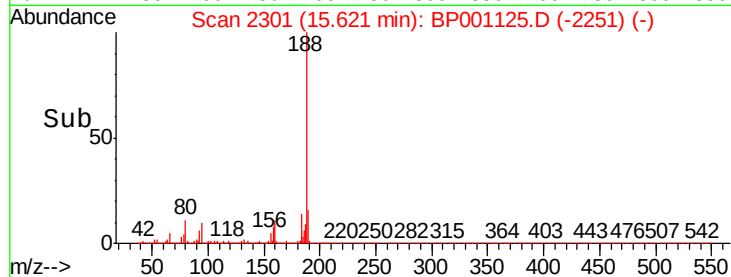
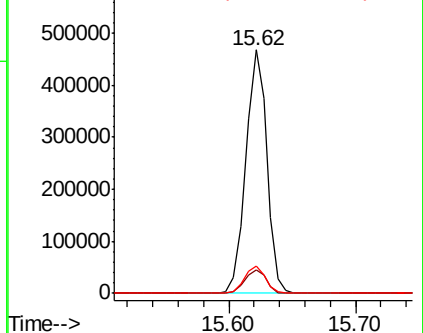
80 11.4 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

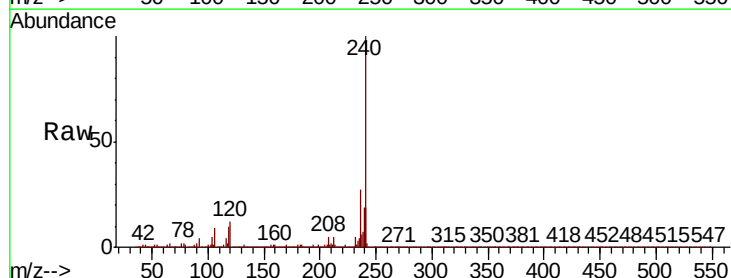
Tgt Ion:240 Resp: 421139

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

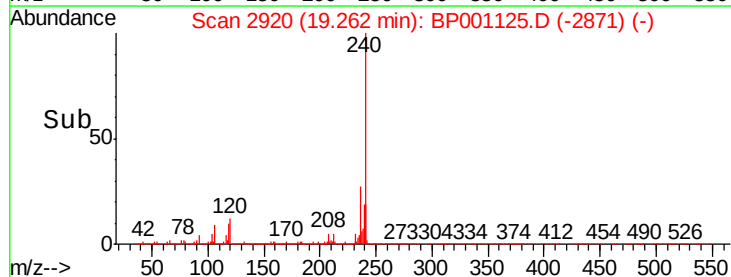
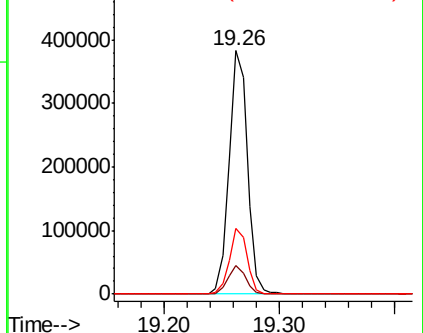
236 26.8 20.4 30.6

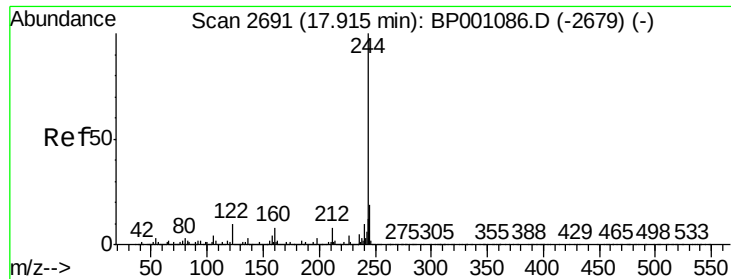


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.192 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

PB125152BL

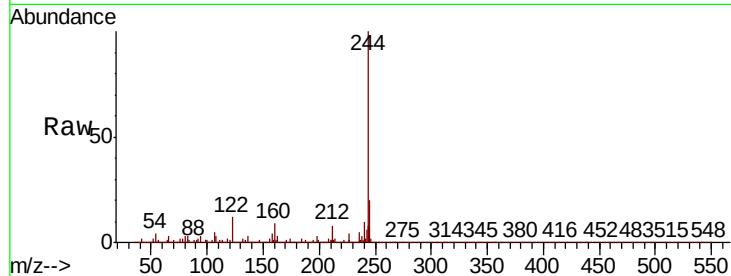
Tot Ion:244 Resp: 2053049

Ion Ratio Lower Upper

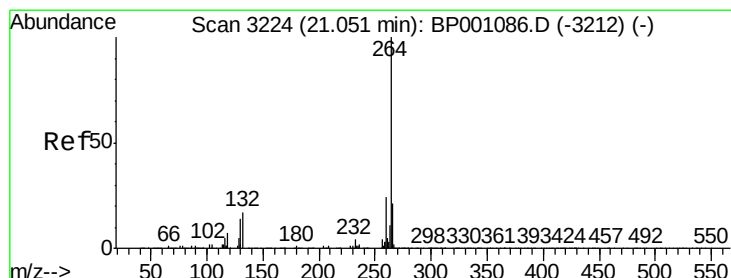
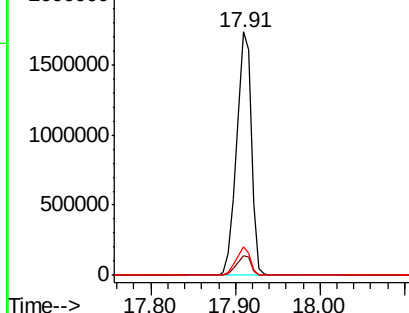
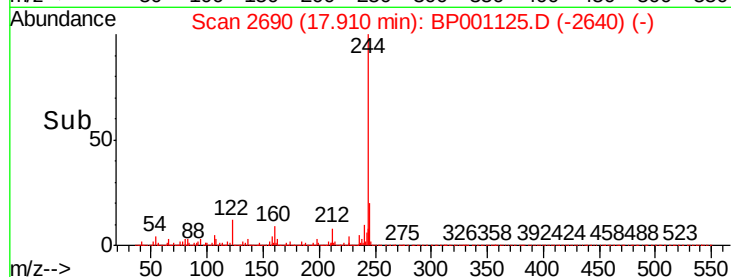
244 100

212 8.2 6.2 9.2

122 11.9 8.2 12.2



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: 21.04 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

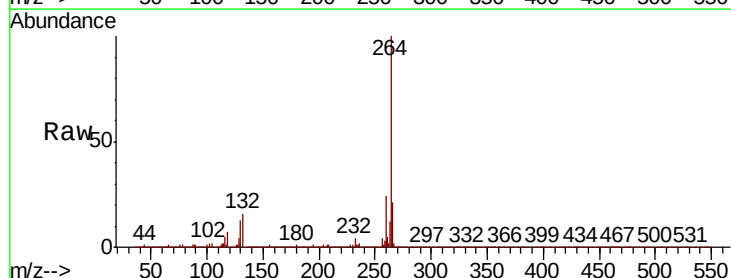
Tgt Ion:264 Resp: 448189

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.1 16.9 25.3



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

