

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001182.D
 Acq On : 04 Dec 2019 06:09
 Operator : JU
 Sample : PB125201BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125201BL

Quant Time: Dec 04 07:24:24 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	8.31	152	107432	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	393718	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	214134	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	414006	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	327046	20.00	ng	-0.02
87) Perylene-d12	21.02	264	342286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	649190	100.25	ng	0.00
7) Phenol-d6	7.76	99	579226	67.14	ng	-0.01
23) Nitrobenzene-d5	9.19	82	878049	96.76	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	312715	152.36	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1415062	96.72	ng	-0.02
79) Terphenyl-d14	17.90	244	1719239	97.26	ng	-0.02

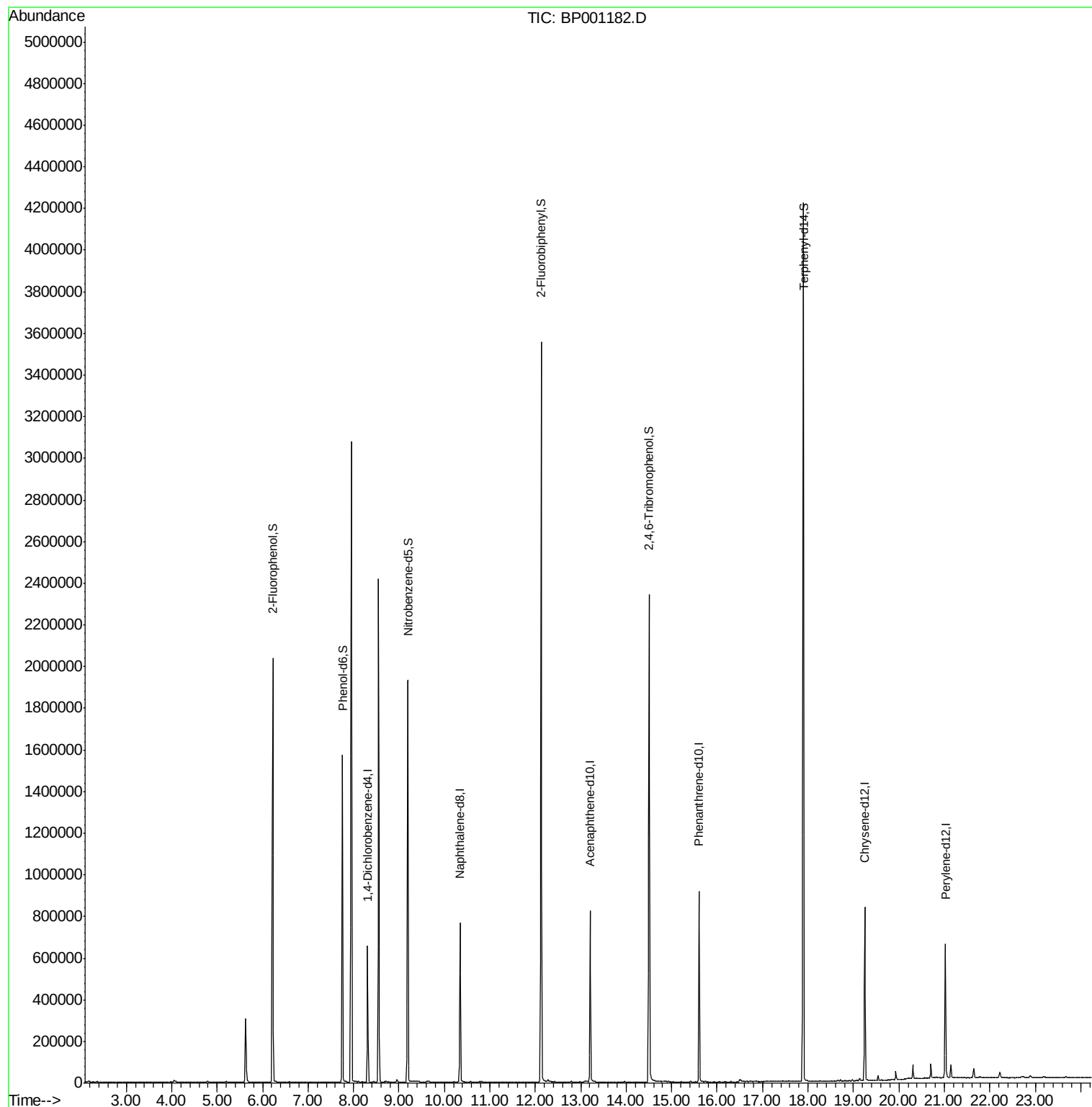
Target Compounds Qvalue

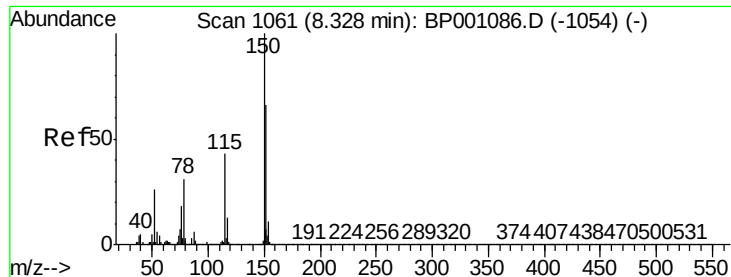
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

BNA_P

ClientSampleId :

PB125201BL

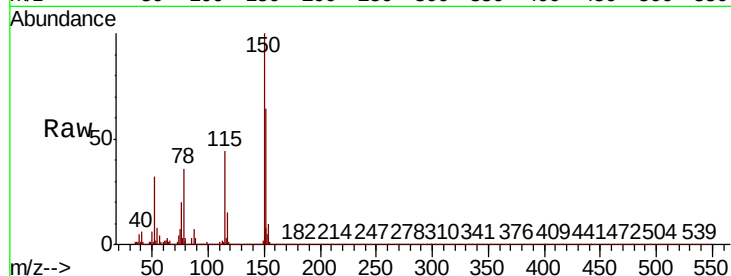
Tot Ion:152 Resp: 107432

Ion Ratio Lower Upper

152 100

150 155.4 120.6 181.0

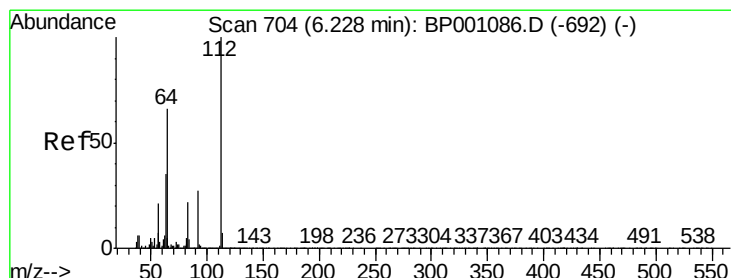
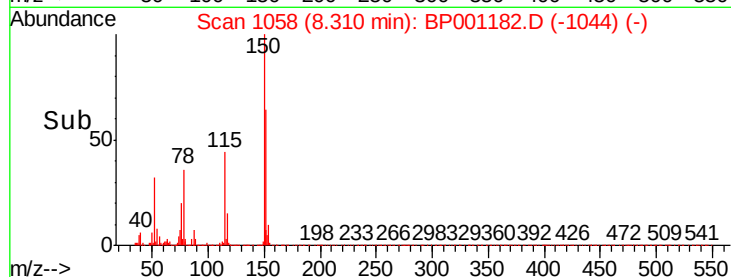
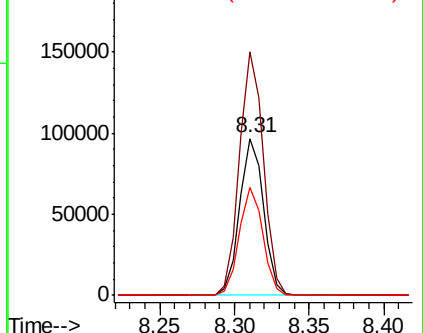
115 68.6 51.6 77.4



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: 100.255 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

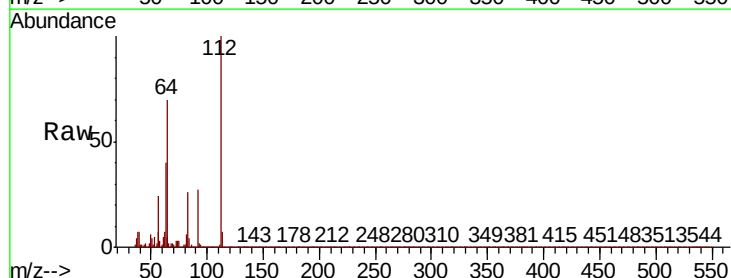
Tgt Ion:112 Resp: 649190

Ion Ratio Lower Upper

112 100

64 69.6 52.8 79.2

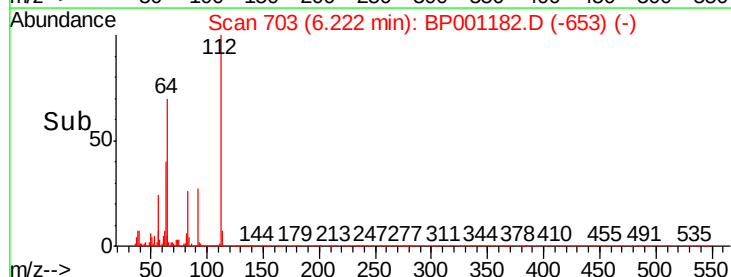
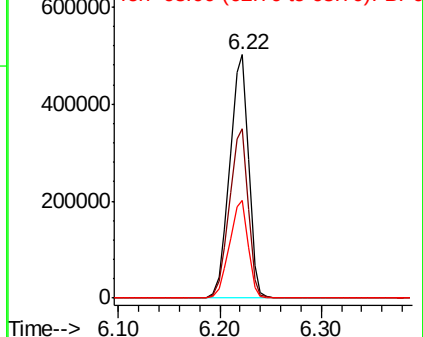
63 40.0 28.2 42.2

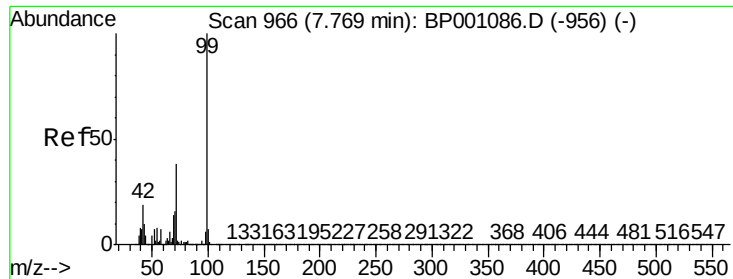


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 67.142 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

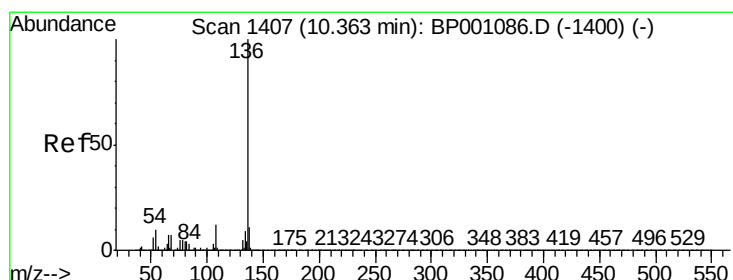
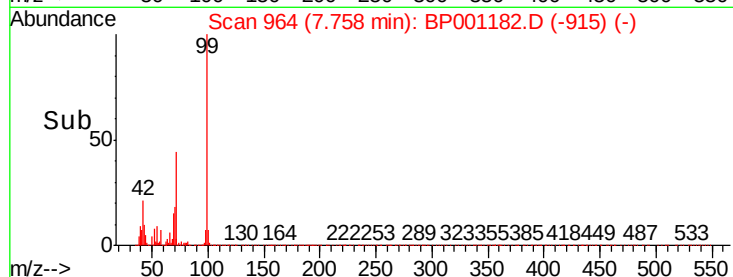
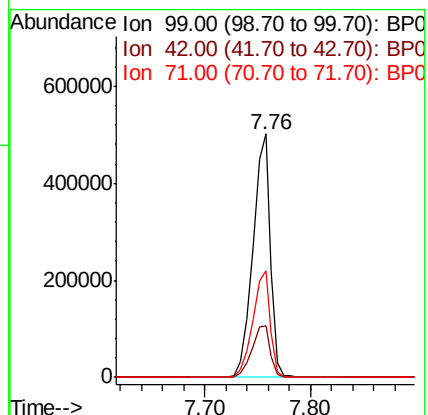
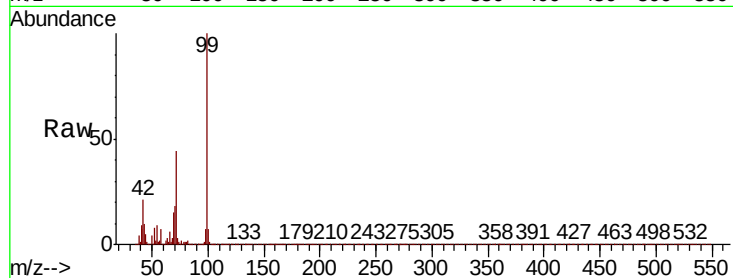
BNA_P

ClientSampleId :

PB125201BL

Tot Ion: 99 Resp: 579226

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.4	23.0
71	44.0	30.8	46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

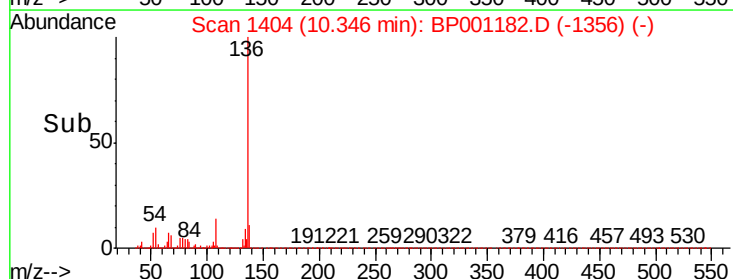
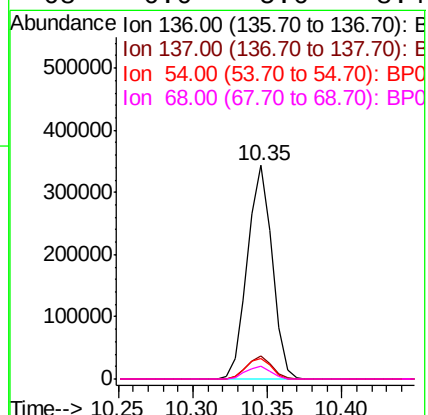
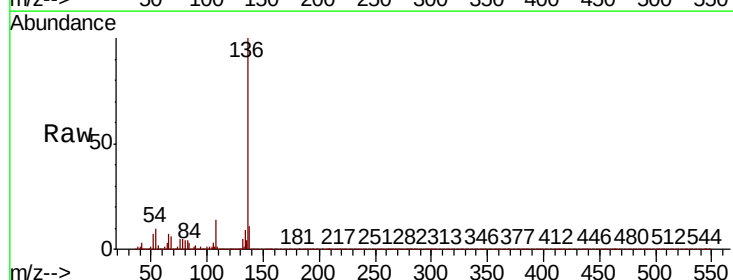
Delta R.T. -0.02 min

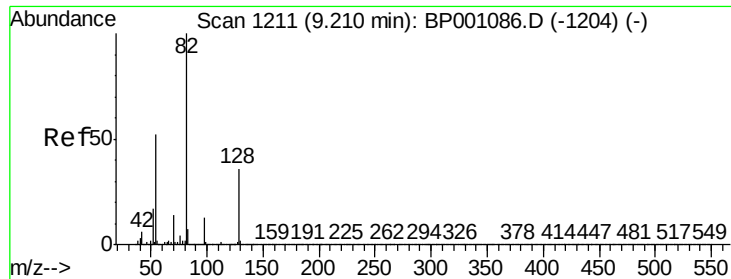
Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Tgt Ion: 136 Resp: 393718

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.8	7.9	11.9
68	6.0	5.6	8.4

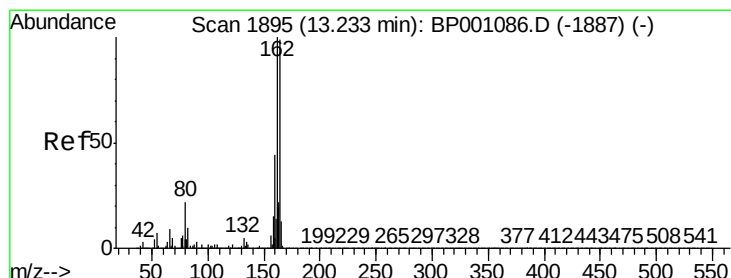
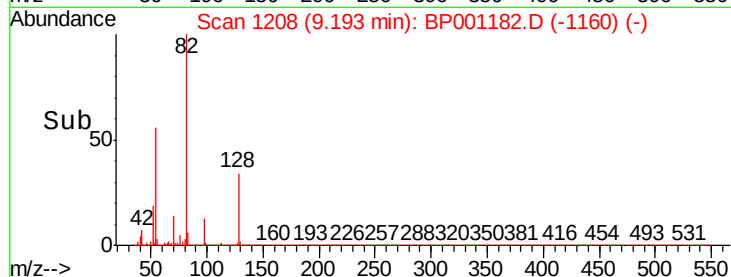
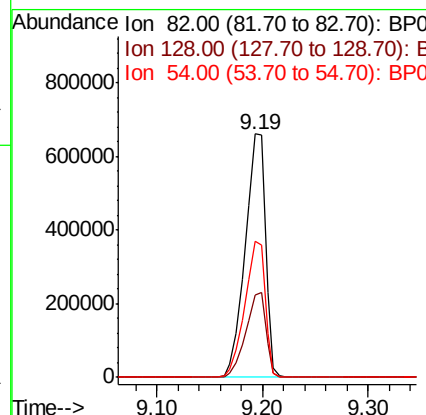
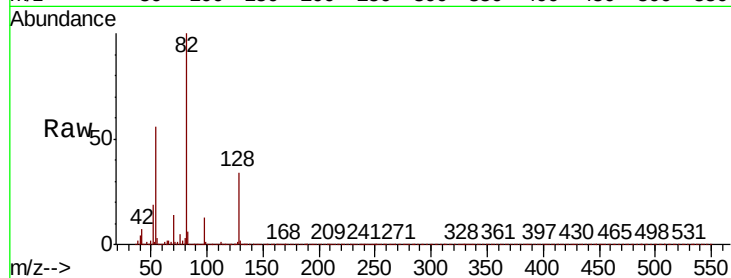




#23
Nitrobenzene-d5
Concen: 96.757 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

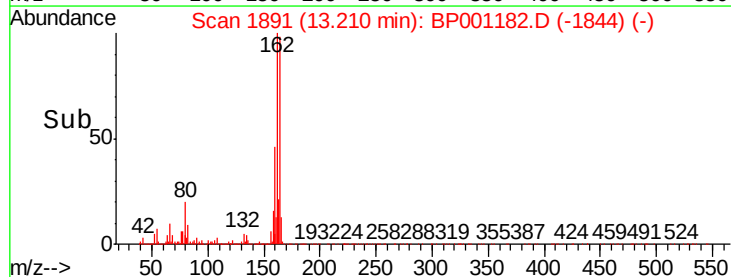
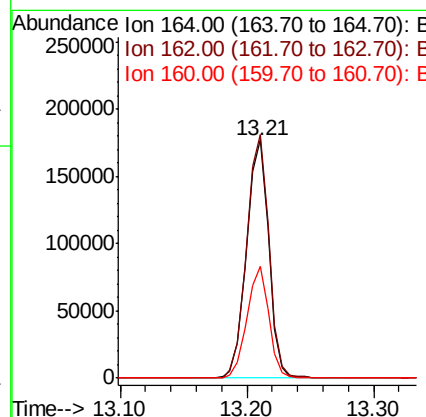
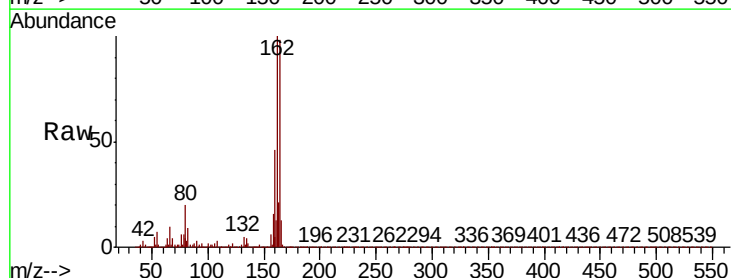
Instrument :
BNA_P
ClientSampleId :
PB125201BL

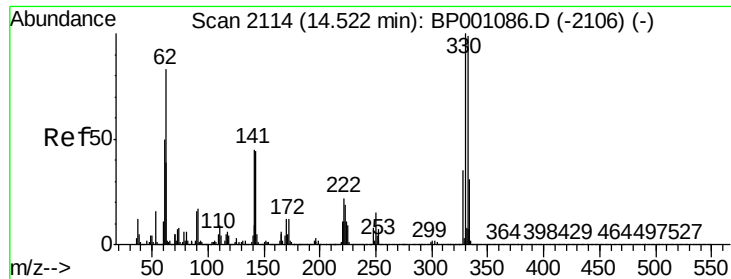
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	28.9	43.3
54	55.9	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	47.0	35.4	53.2

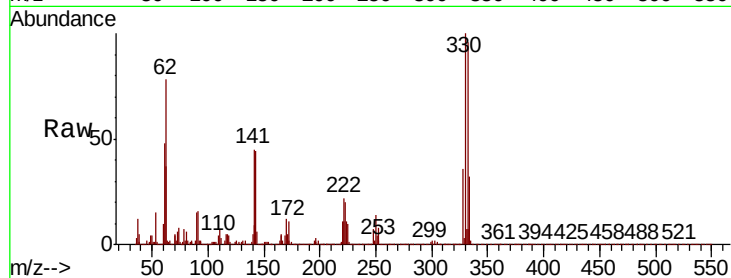




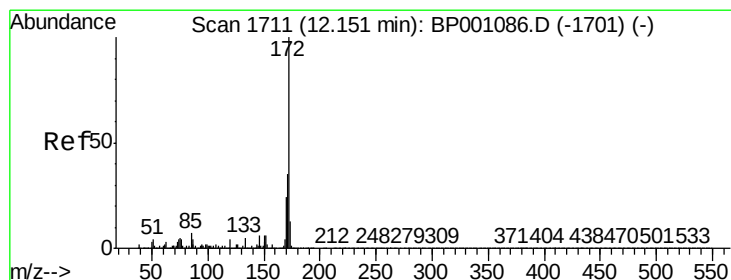
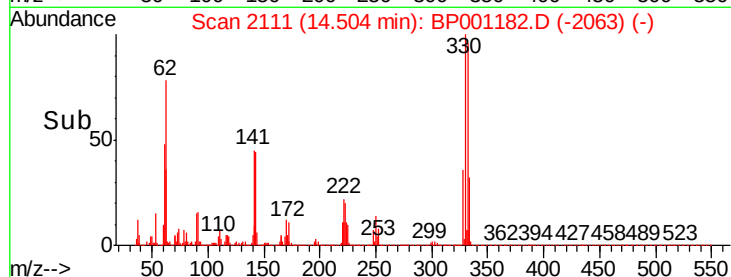
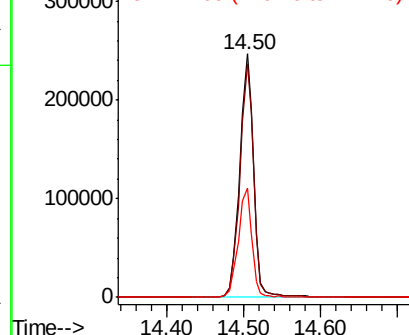
#42
2,4,6-Tribromophenol
Concen: 152.360 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Instrument :
BNA_P
ClientSampleId :
PB125201BL

Tot Ion:330 Resp: 312715
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 44.8 34.2 51.2

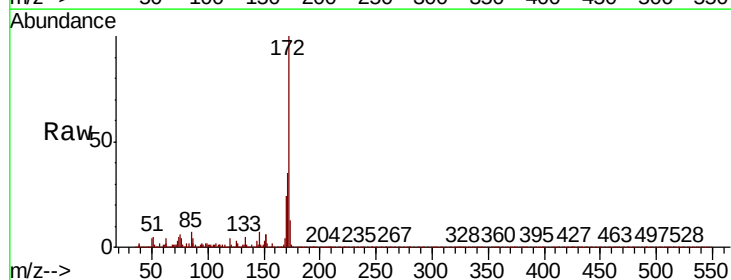


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

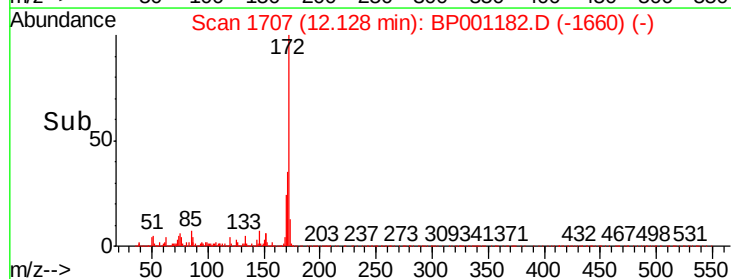
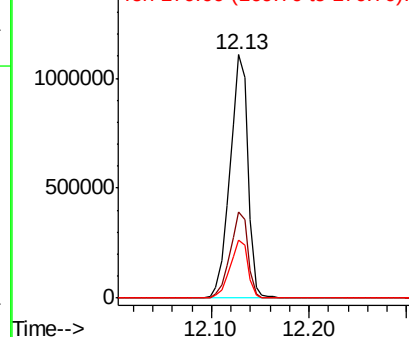


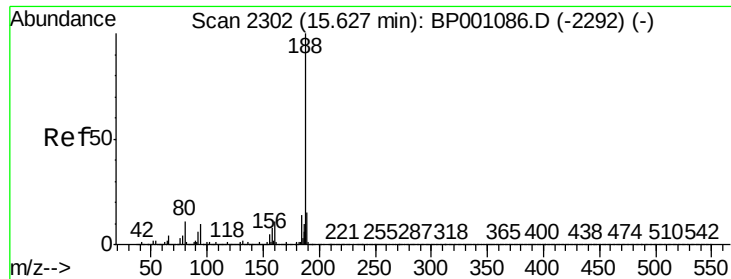
#45
2-Fluorobiphenyl
Concen: 96.717 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion:172 Resp: 1415062
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 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: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

BNA_P

ClientSampleId :

PB125201BL

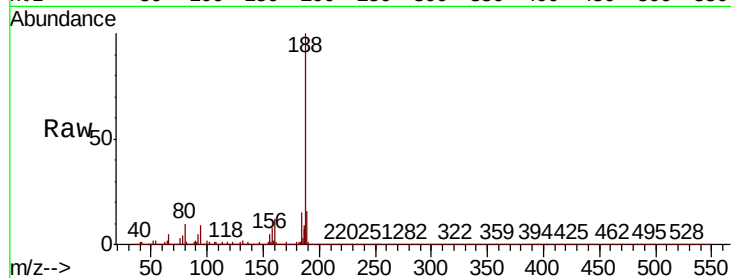
Tot Ion:188 Resp: 414006

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

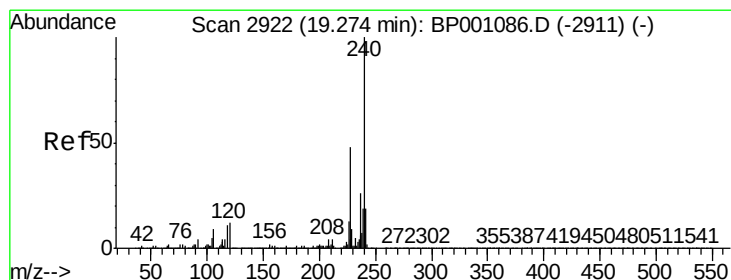
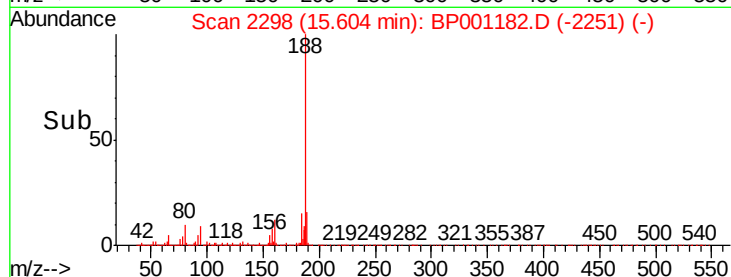
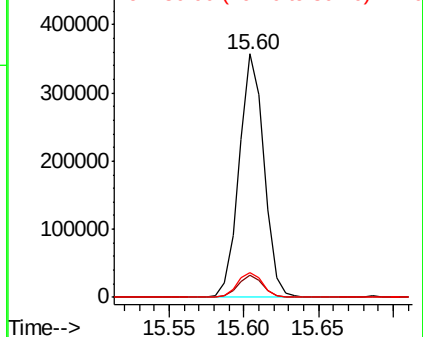
80 10.3 8.8 13.2



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: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

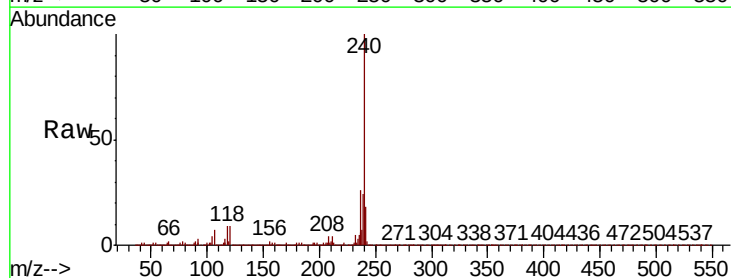
Tgt Ion:240 Resp: 327046

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

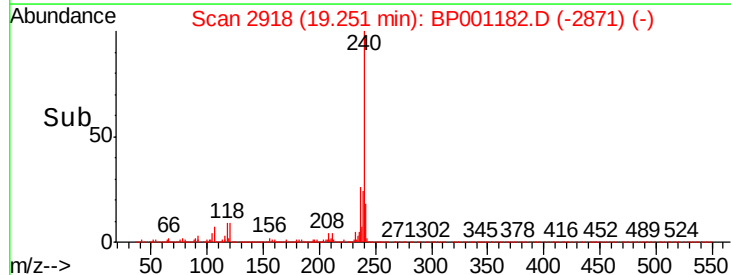
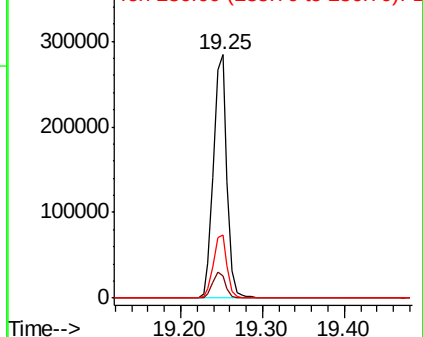
236 26.2 20.4 30.6

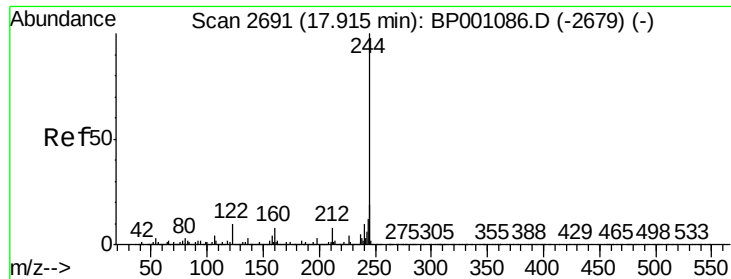


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.257 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

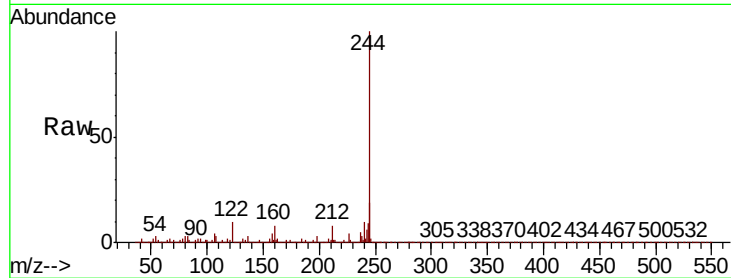
BNA_P

ClientSampleId :

PB125201BL

Tot Ion:244 Resp: 1719239

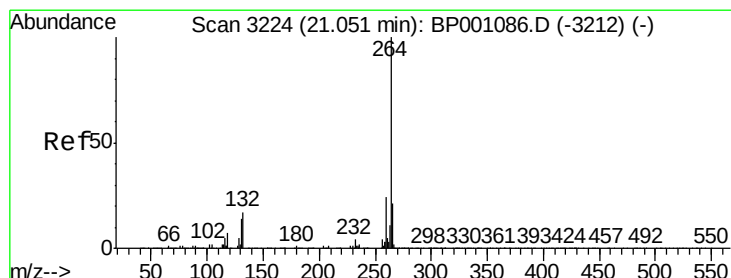
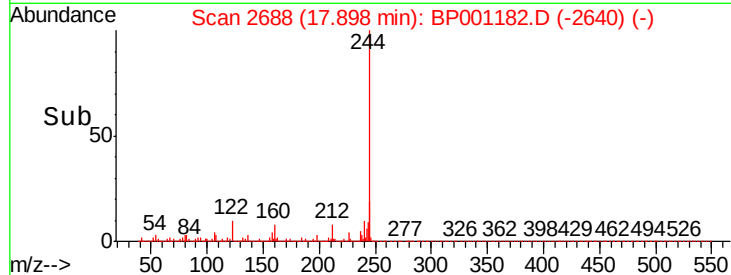
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.8	8.2	12.2



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: 21.02 min Scan# 3219

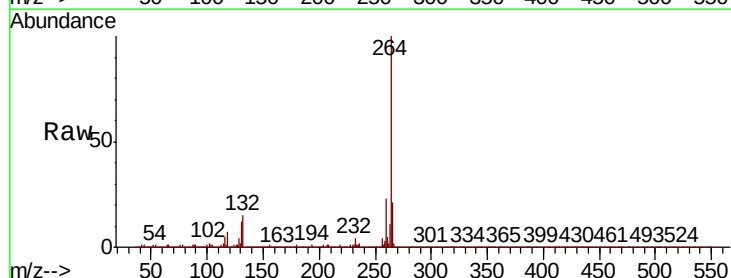
Delta R.T. -0.03 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Tgt Ion:264 Resp: 342286

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.5	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

