

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001257.D
 Acq On : 07 Dec 2019 16:36
 Operator : JU
 Sample : K6147-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC002

Quant Time: Dec 09 01:36:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

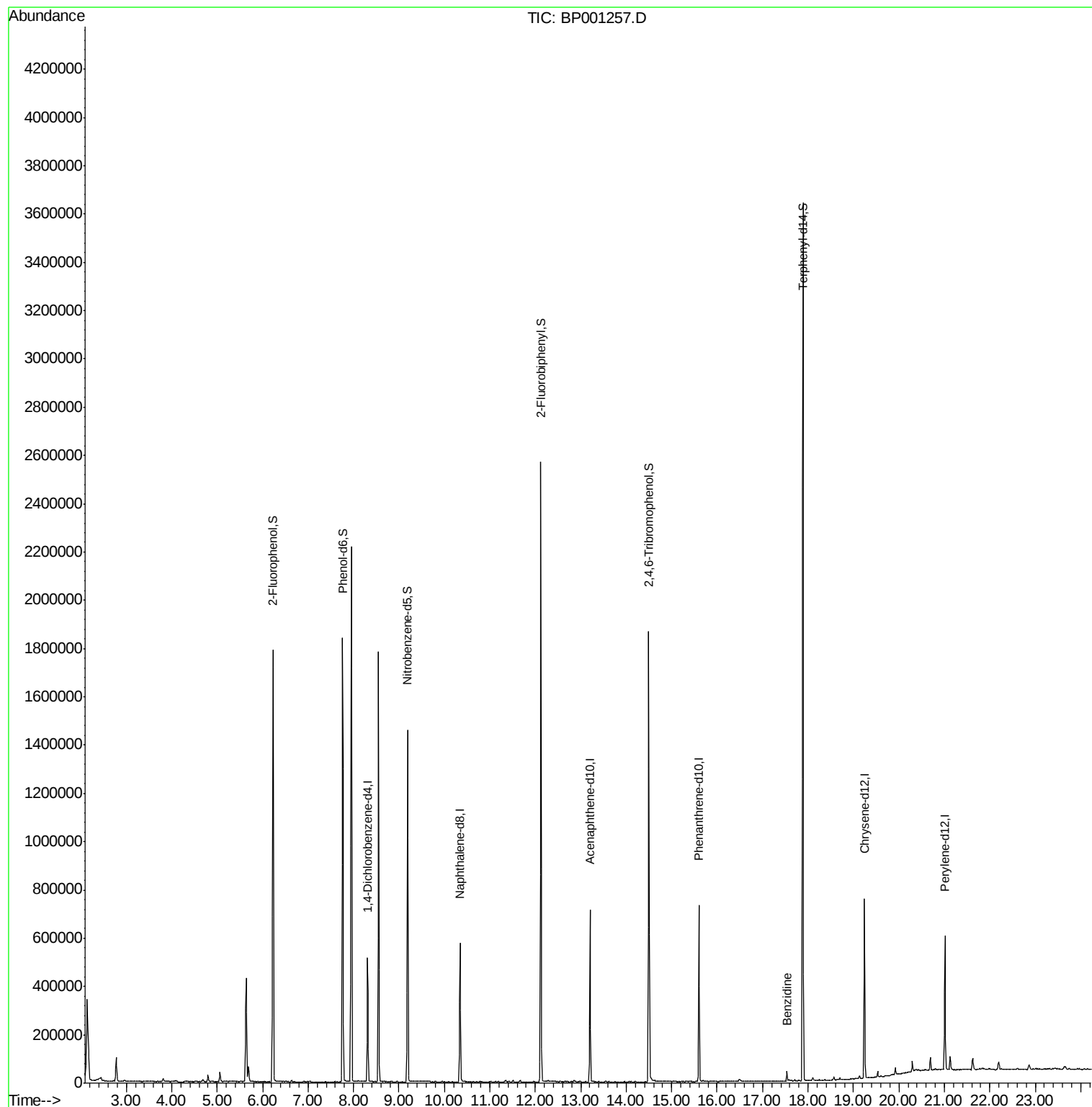
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	84530	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	310285	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	177587	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	346057	20.00	ng	0.00
76) Chrysene-d12	19.24	240	278652	20.00	ng	-0.02
87) Perylene-d12	21.02	264	281012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	564099	110.72	ng	0.02
7) Phenol-d6	7.76	99	688911	101.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	611004	85.43	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	244637	143.72	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	990895	81.66	ng	-0.01
79) Terphenyl-d14	17.89	244	1341518	89.07	ng	0.00
Target Compounds						
77) Benzidine	17.53	184	19057	2.649	ng	Qvalue 97

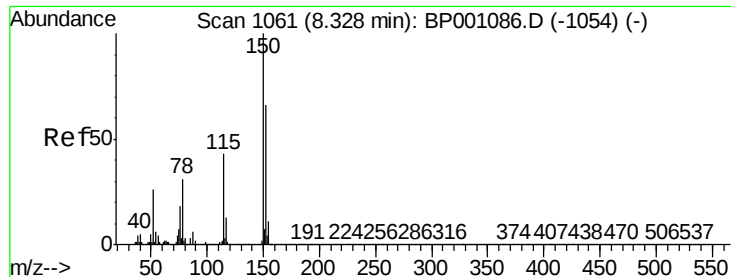
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

Instrument :

BNA_P

ClientSampleId :

P001-WC002

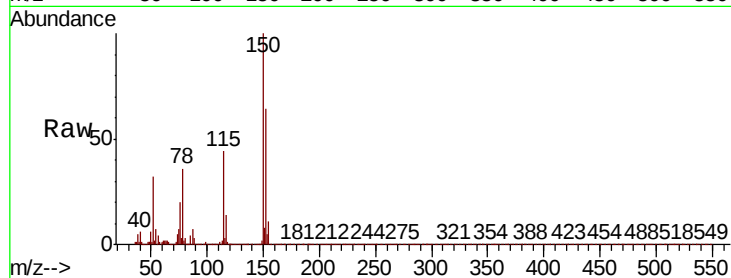
Tot Ion:152 Resp: 84530

Ion Ratio Lower Upper

152 100

150 155.8 127.3 190.9

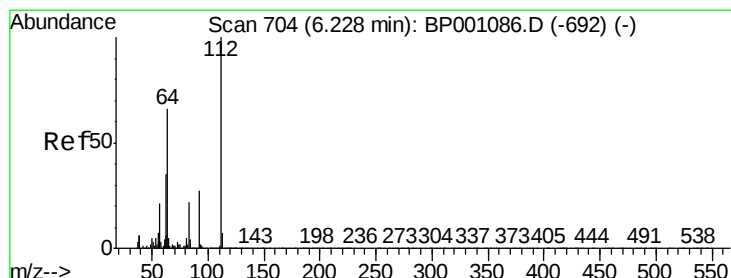
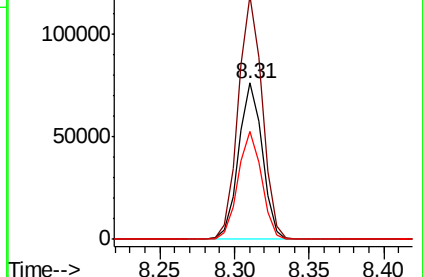
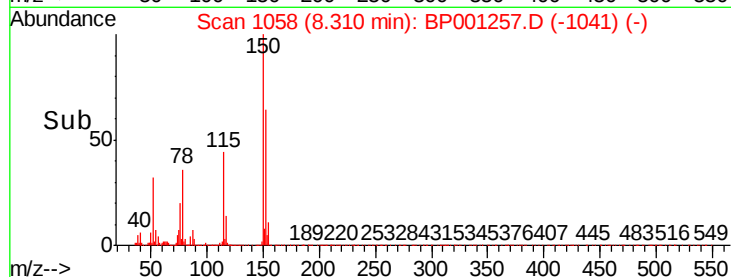
115 69.0 56.0 84.0



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: 110.716 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

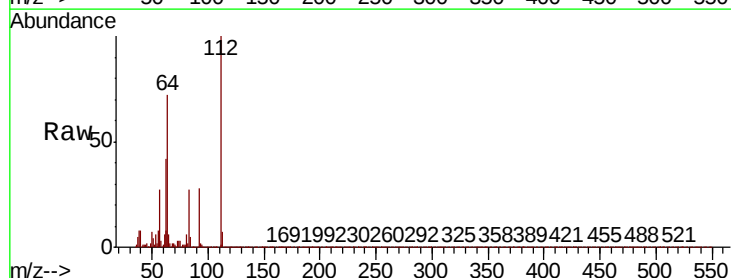
Tgt Ion:112 Resp: 564099

Ion Ratio Lower Upper

112 100

64 71.8 56.8 85.2

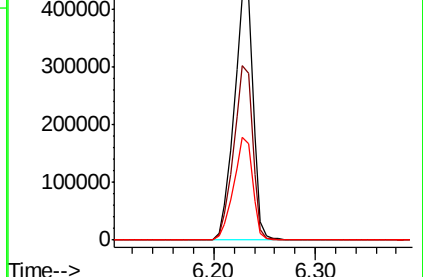
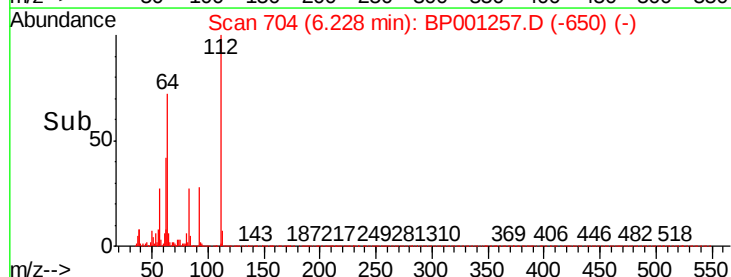
63 42.1 32.2 48.2



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: 101.493 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

Instrument :

BNA_P

ClientSampleId :

P001-WC002

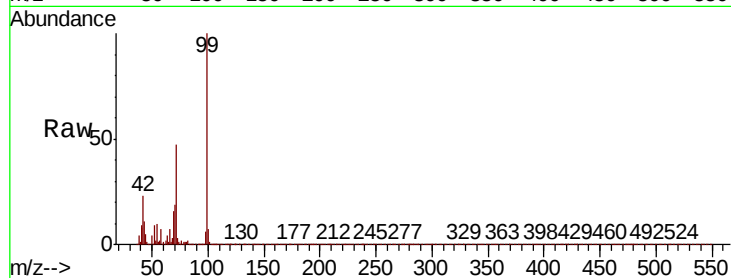
Tot Ion: 99 Resp: 688911

Ion Ratio Lower Upper

99 100

42 23.2 17.6 26.4

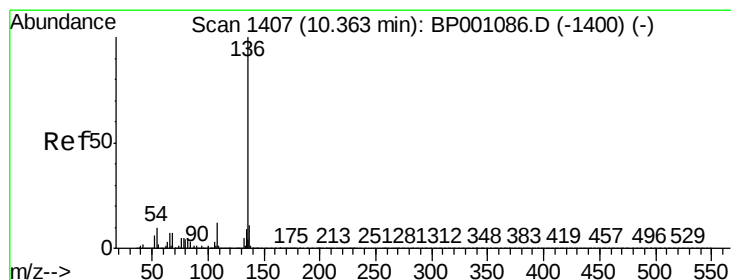
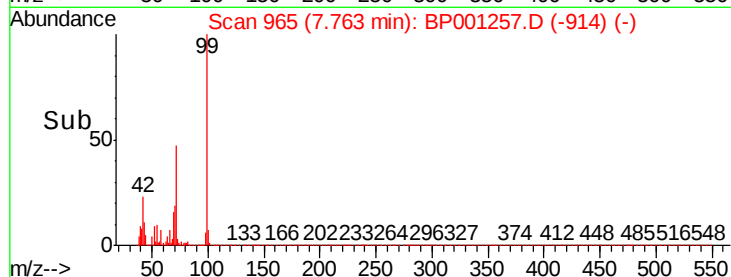
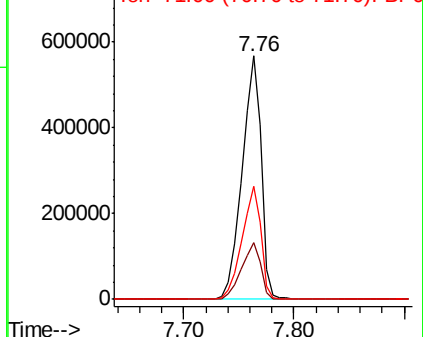
71 46.5 33.8 50.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

Tgt Ion: 136 Resp: 310285

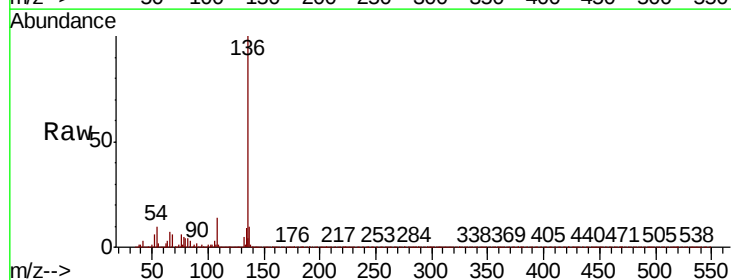
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 10.0 7.4 11.0

68 5.7 4.6 7.0

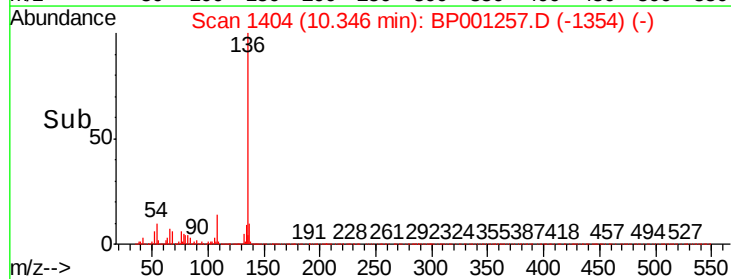
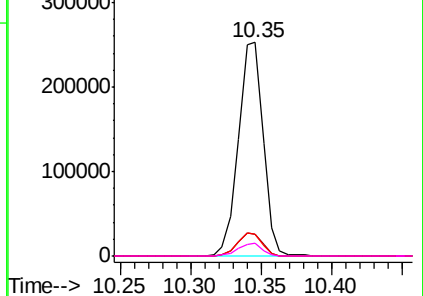


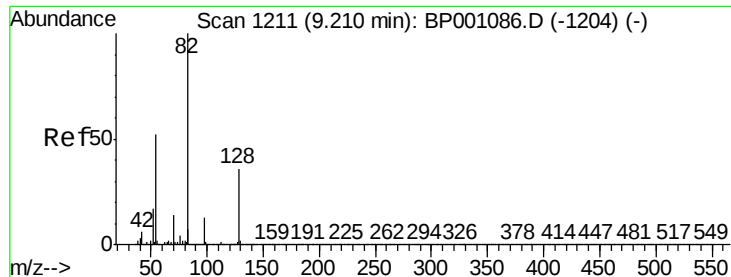
Abundance Ion 136.00 (135.70 to 136.70): E

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

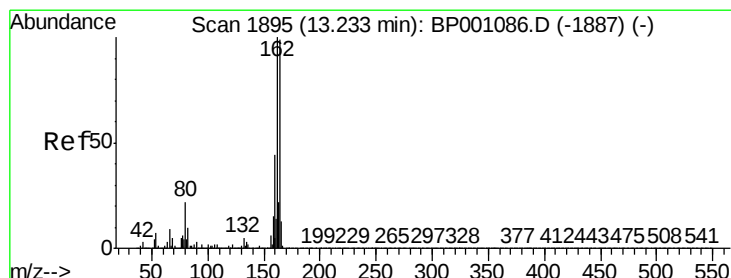
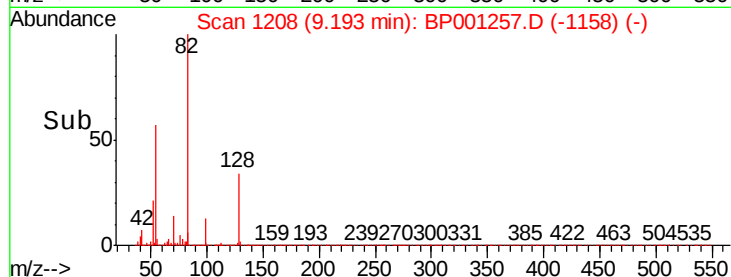
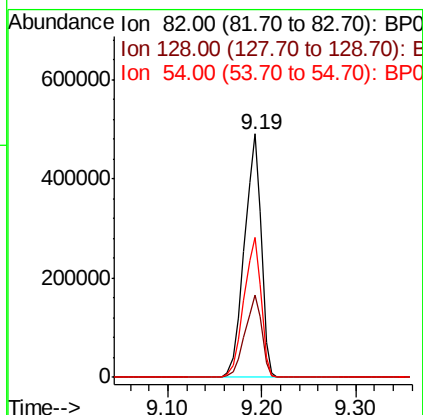
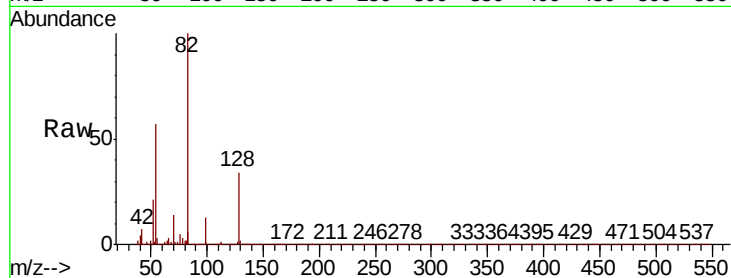




#23
Nitrobenzene-d5
Concen: 85.434 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

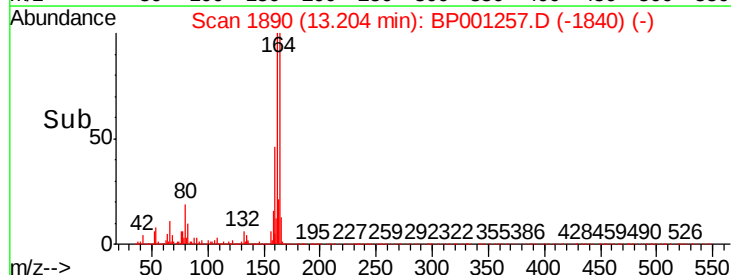
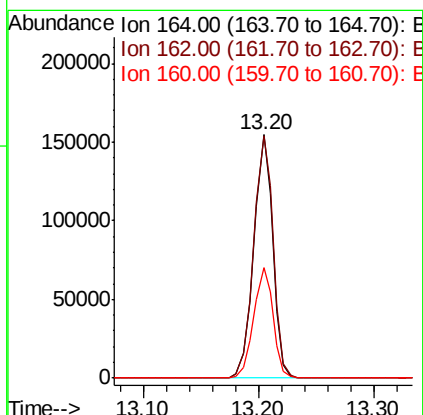
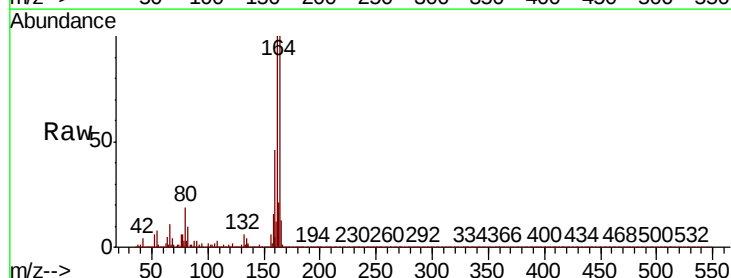
Instrument :
BNA_P
ClientSampleId :
P001-WC002

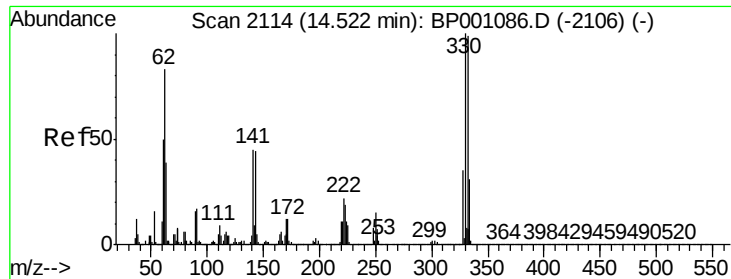
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	57.3	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.7	121.1
160	45.6	36.3	54.5

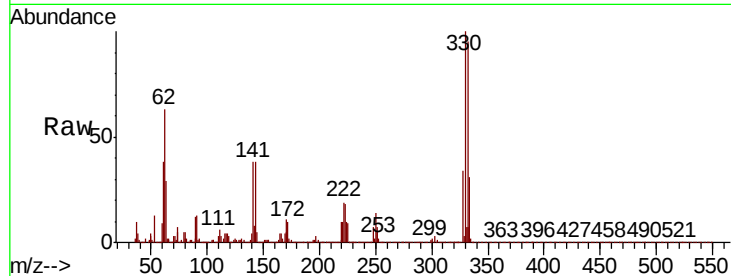




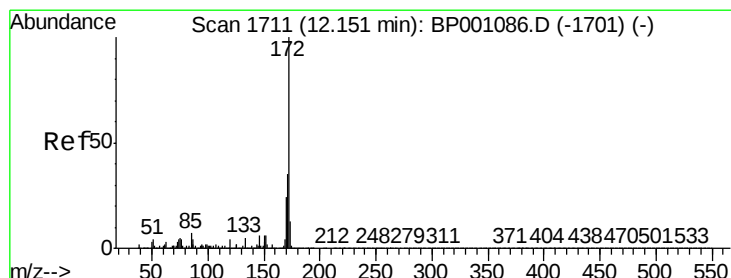
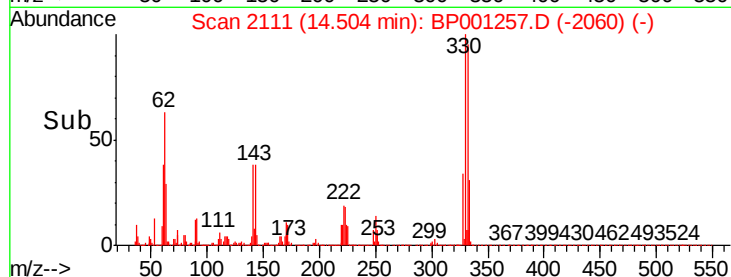
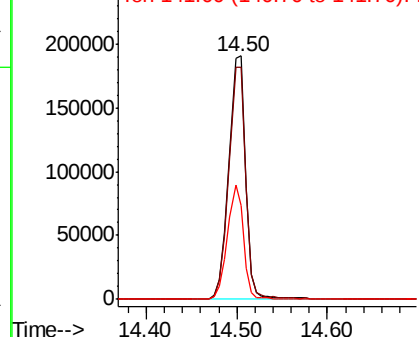
#42
2,4,6-Tribromophenol
Concen: 143.721 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :
P001-WC002

Tot Ion:330 Resp: 244637
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 44.5 35.9 53.9

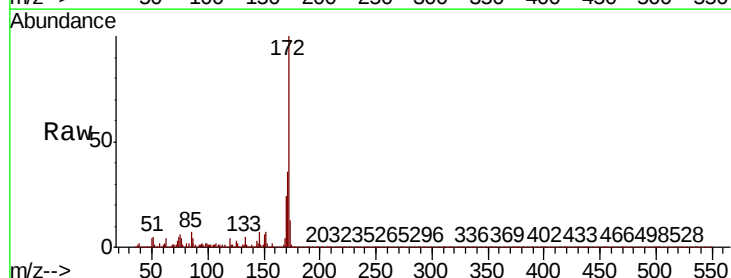


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

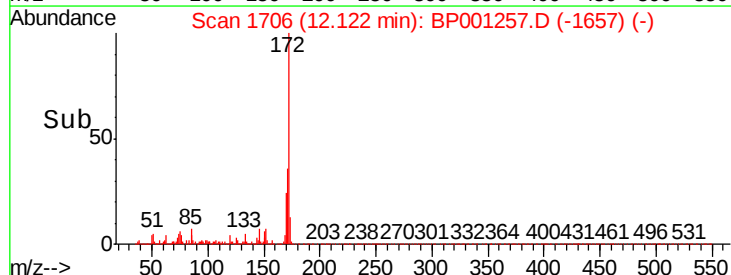
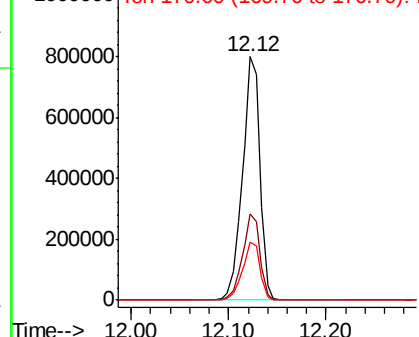


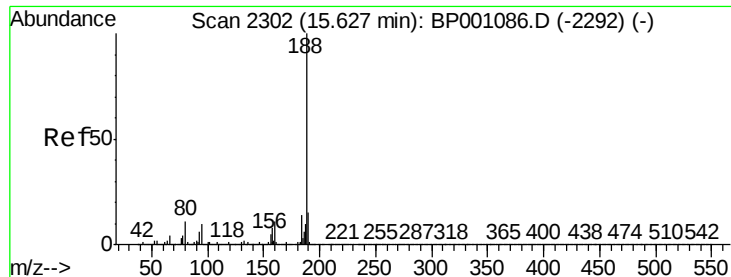
#45
2-Fluorobiphenyl
Concen: 81.664 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:172 Resp: 990895
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 19.2 28.8



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: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

Instrument :

BNA_P

ClientSampleId :

P001-WC002

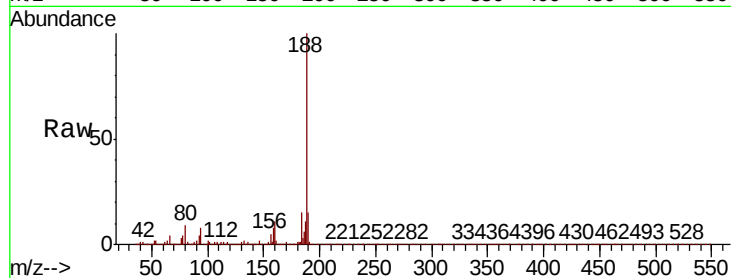
Tot Ion:188 Resp: 346057

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

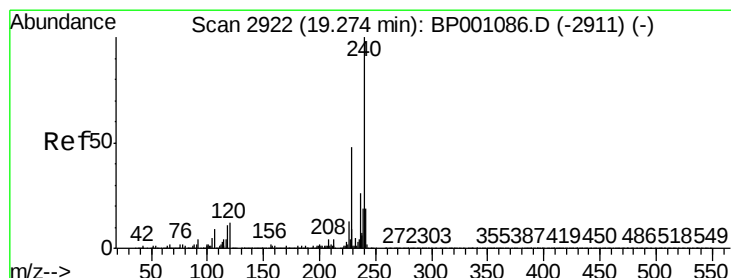
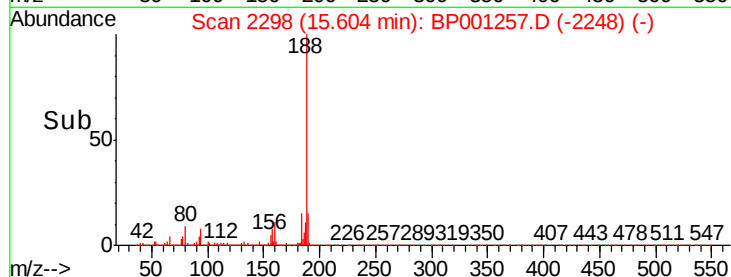
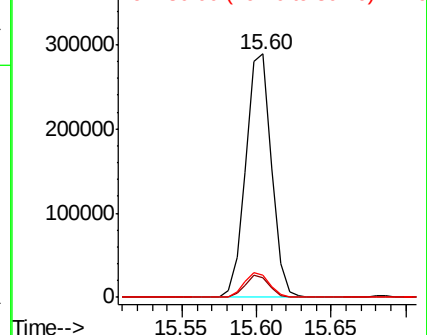
80 8.9 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001257.D

Acq: 07 Dec 2019 16:36

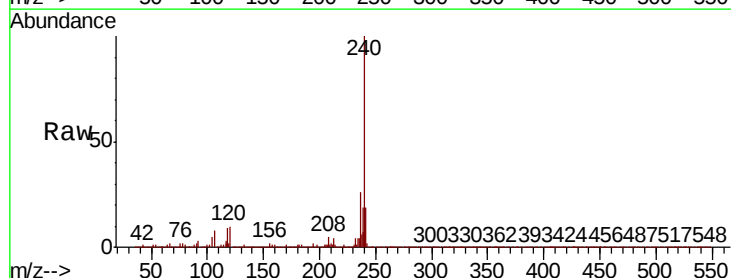
Tgt Ion:240 Resp: 278652

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

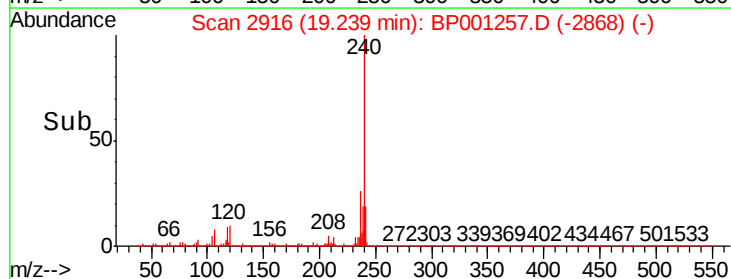
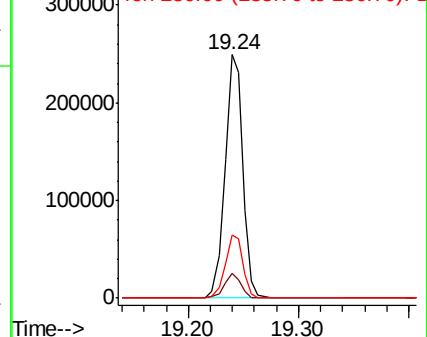
236 26.1 21.7 32.5

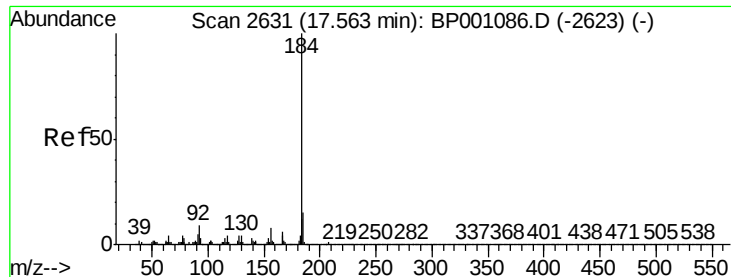


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

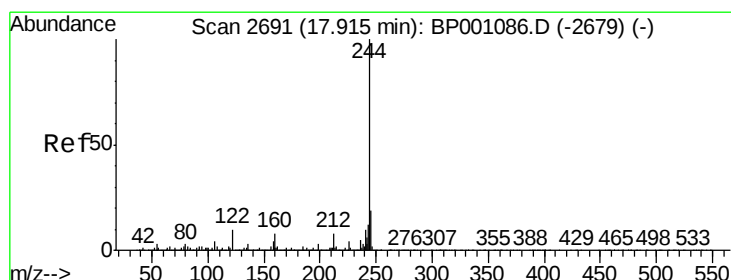
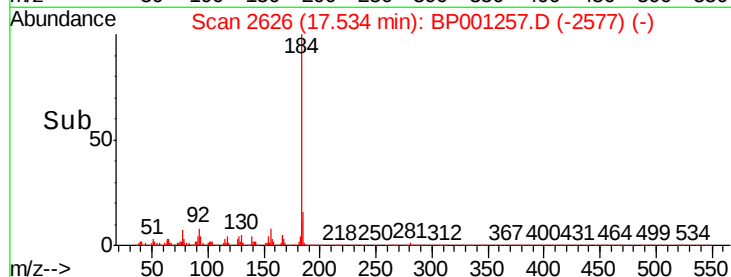
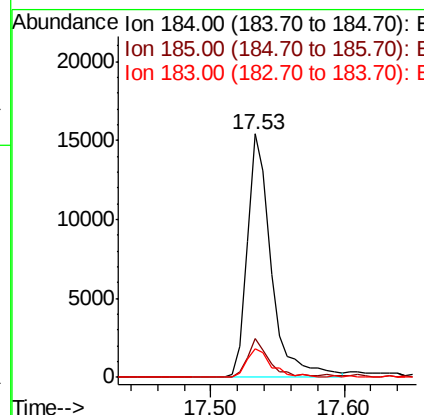
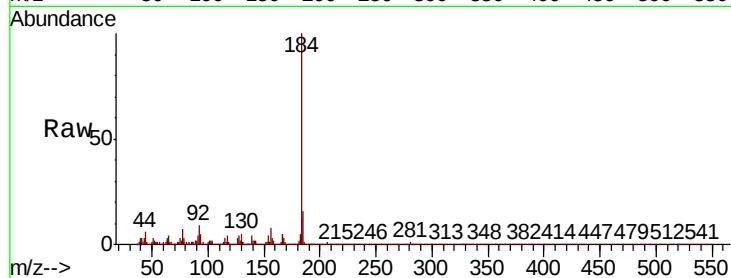




#77
Benzidine
Concen: 2.649 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

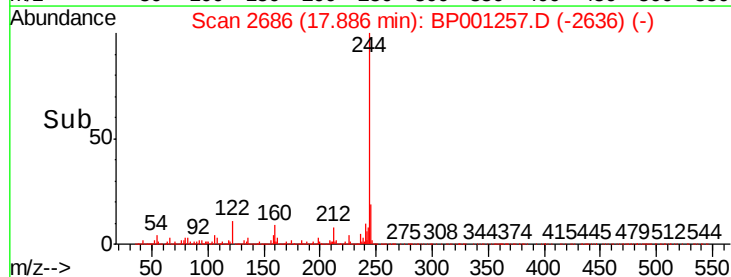
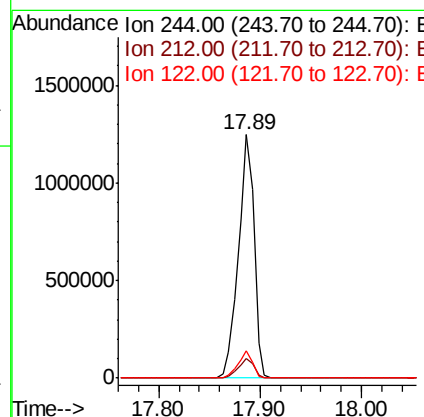
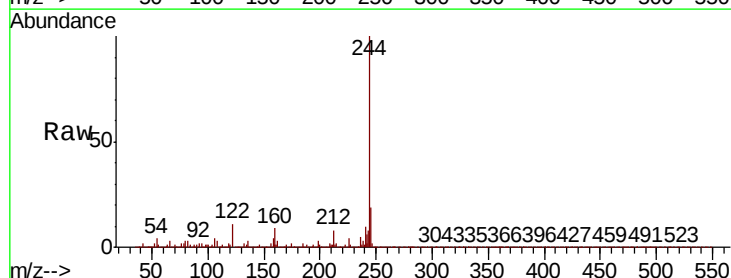
Instrument :
BNA_P
ClientSampleId :
P001-WC002

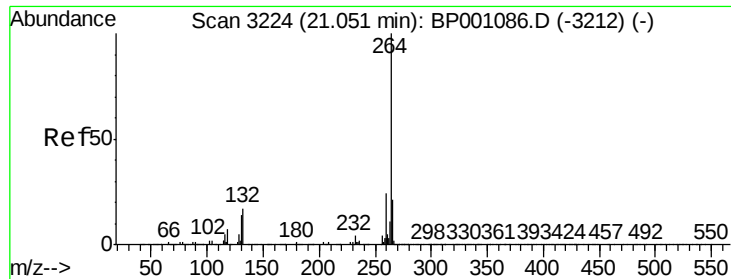
Tot Ion:184 Resp: 19057
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 11.5 9.0 13.4



#79
Terphenyl-d14
Concen: 89.069 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:244 Resp: 1341518
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 11.0 9.2 13.8

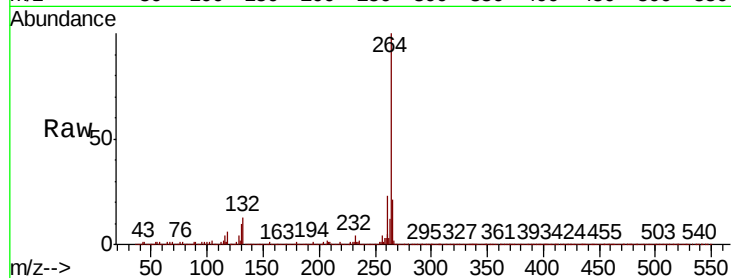




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :
P001-WC002

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	20.8	17.1	25.7



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

