

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 :

Quant Time: Dec 02 15:21:29 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

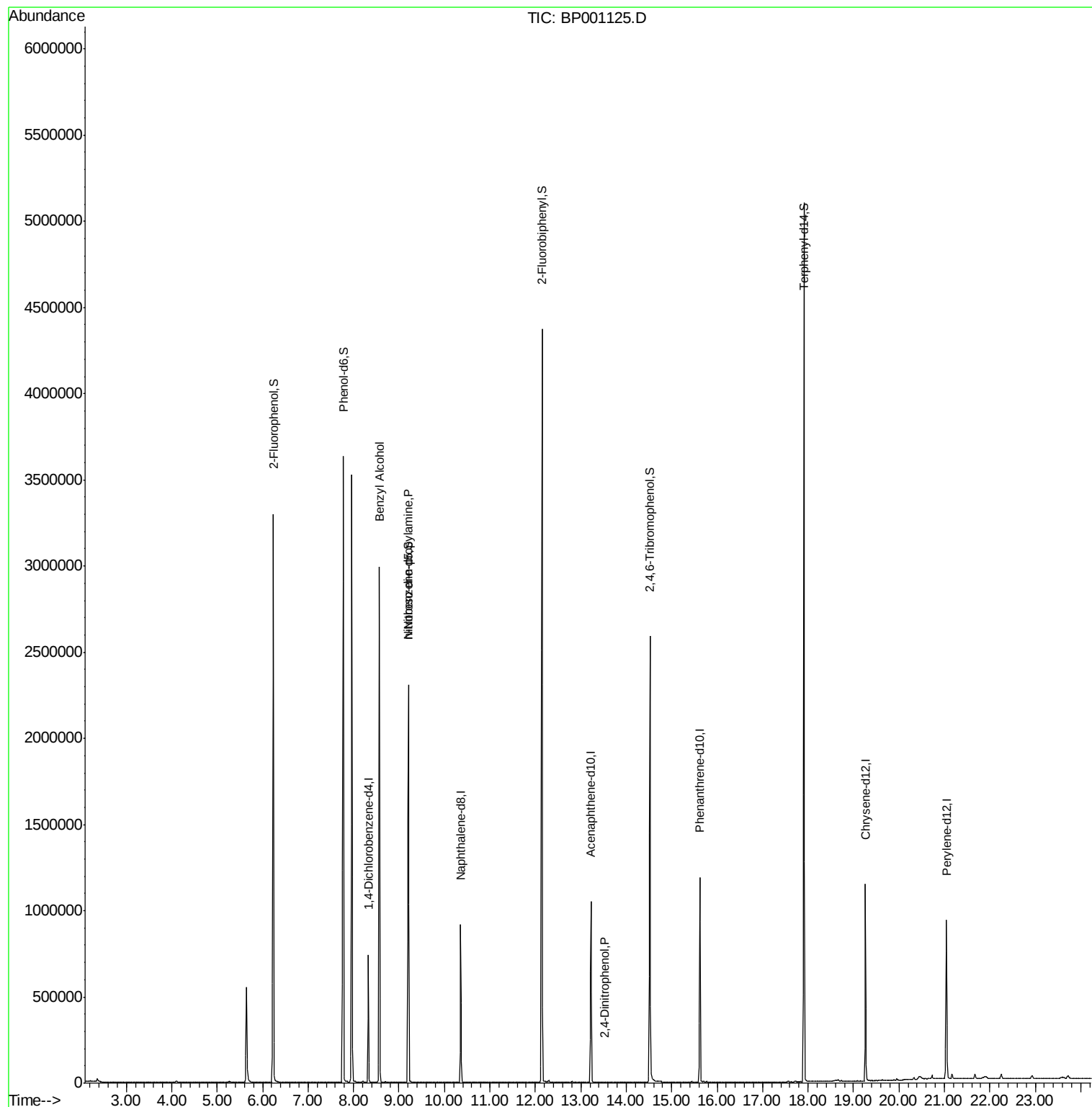
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135153	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	502970	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	281375	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	540208	20.00	ng	0.00
76) Chrysene-d12	19.26	240	421139	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						
9) Benzaldehyde	7.77	77	2914	Below Cal	#	5
15) Benzyl Alcohol	8.57	79	19248	2.161 ng	#	57
19) n-Nitroso-di-n-propylamine	9.21	70	142559	18.204 ng	#	80
54) 2,4-Dinitrophenol	13.52	184	28	7.123 ng		92

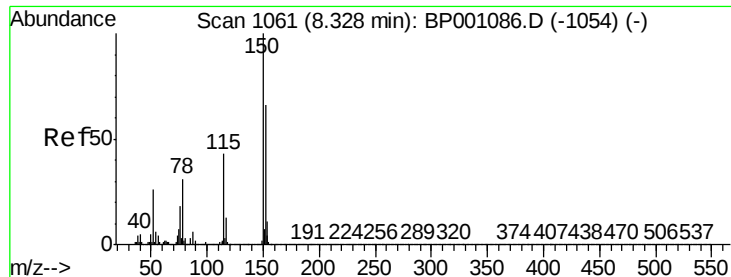
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#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

Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

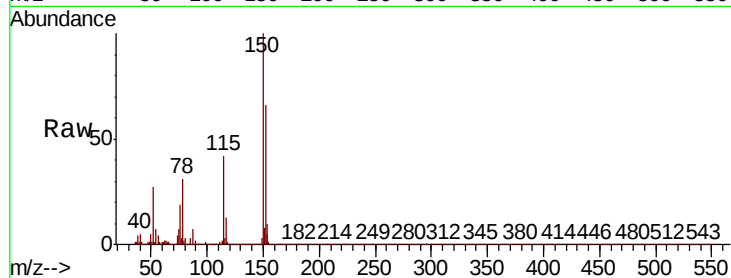
Tot Ion:152 Resp: 135153

Ion Ratio Lower Upper

152 100

150 151.5 120.6 181.0

115 63.3 51.6 77.4

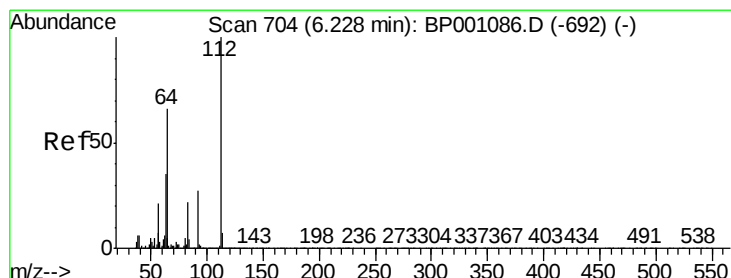
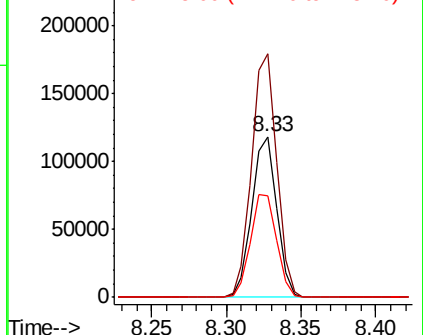
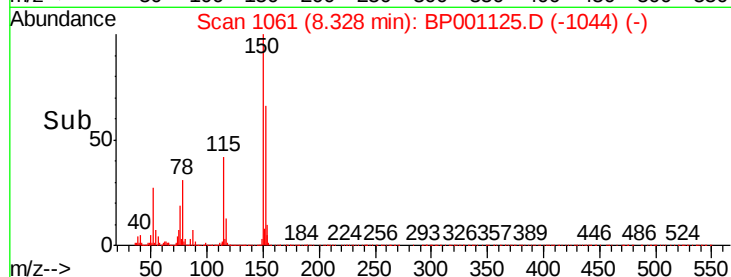


Abundance

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

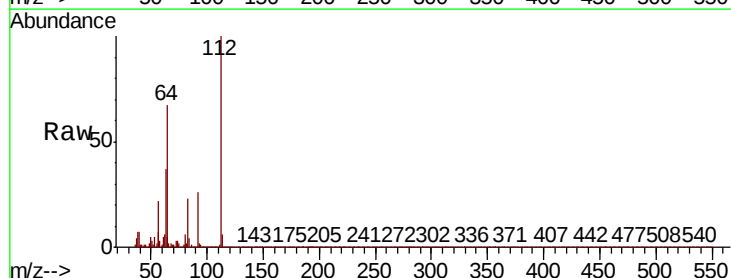
Tgt Ion:112 Resp: 1147449

Ion Ratio Lower Upper

112 100

64 66.6 52.8 79.2

63 37.1 28.2 42.2

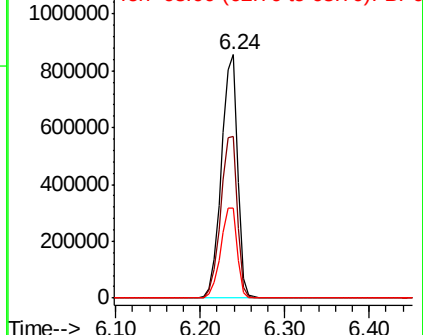
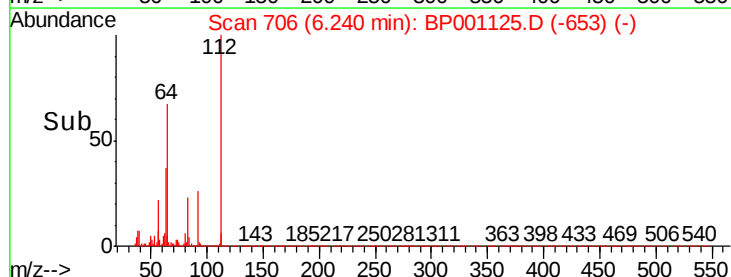


Abundance

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

ClientSampled :

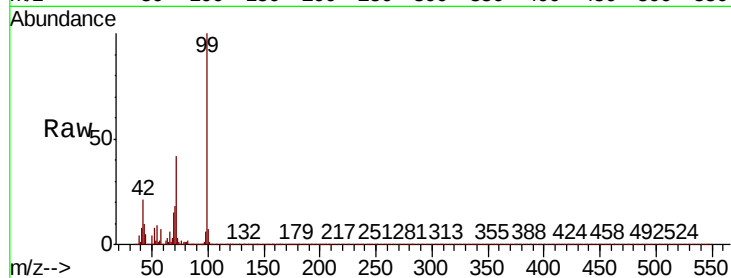
Tot Ion: 99 Resp: 1551408

Ion Ratio Lower Upper

99 100

42 21.1 15.4 23.0

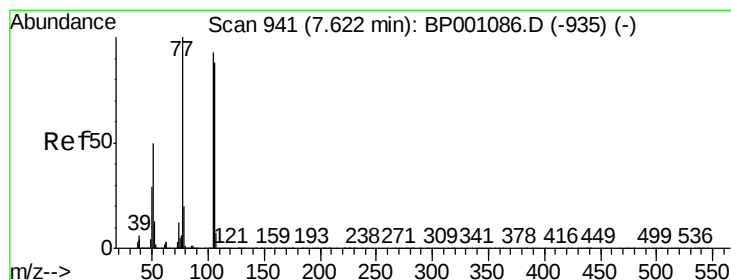
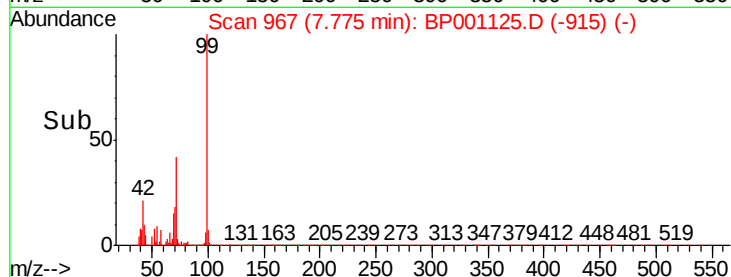
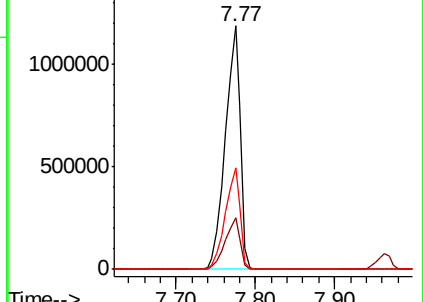
71 41.7 30.8 46.2



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.77 min Scan# 967

Delta R.T. 0.15 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

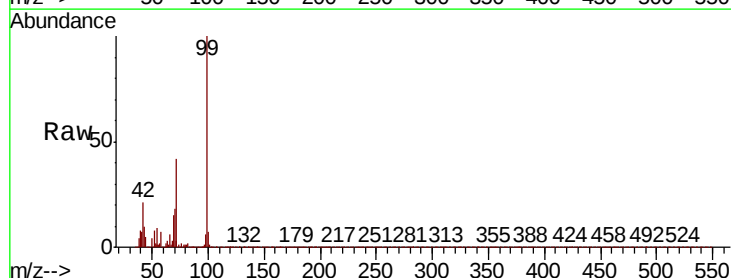
Tgt Ion: 77 Resp: 2914

Ion Ratio Lower Upper

77 100

105 0.5 72.5 112.5#

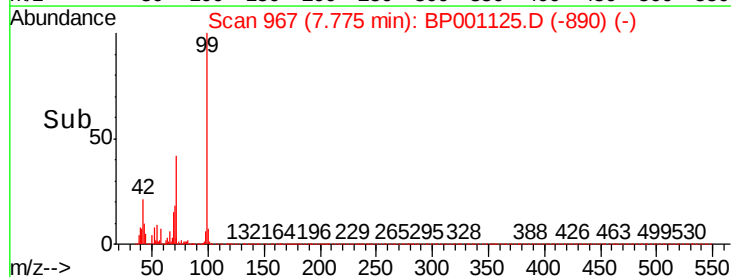
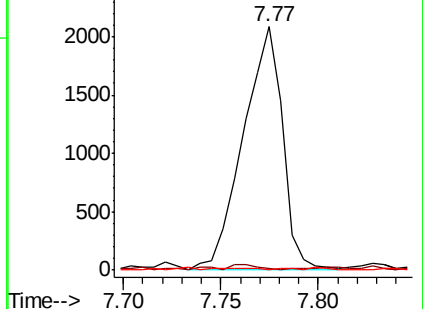
106 0.6 67.6 107.6#

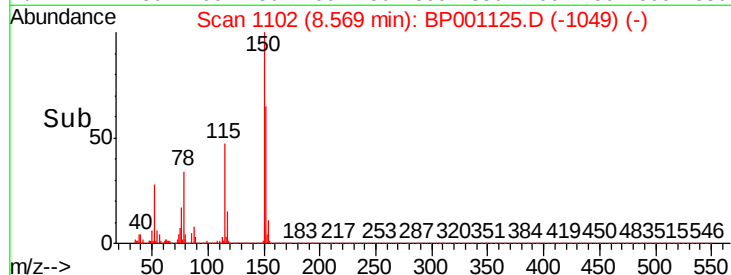
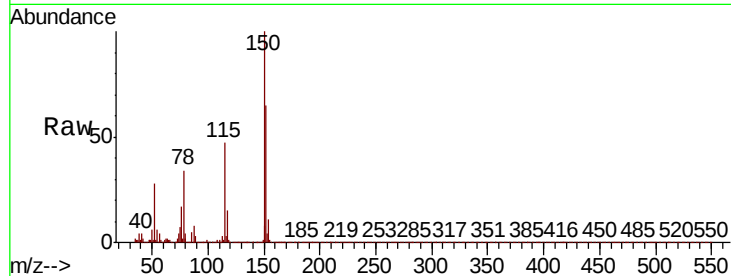
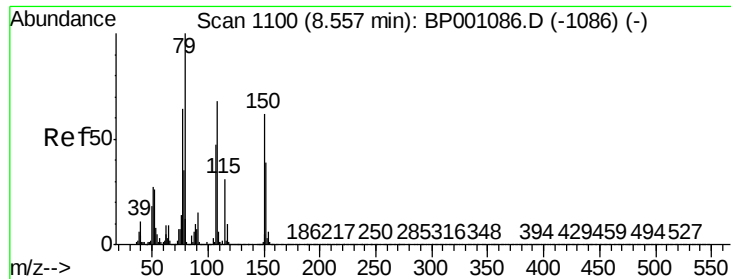


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

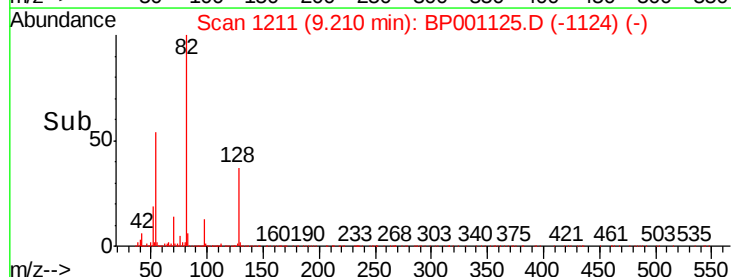
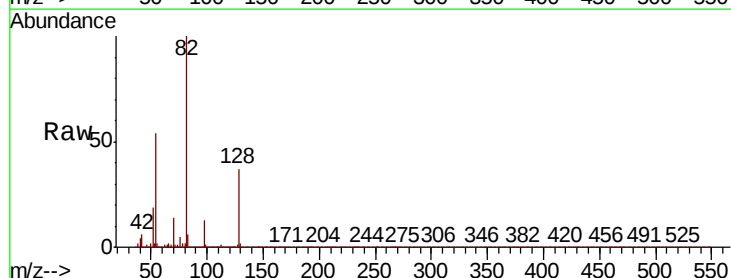
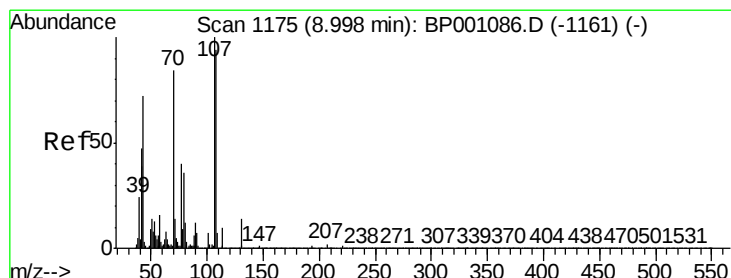
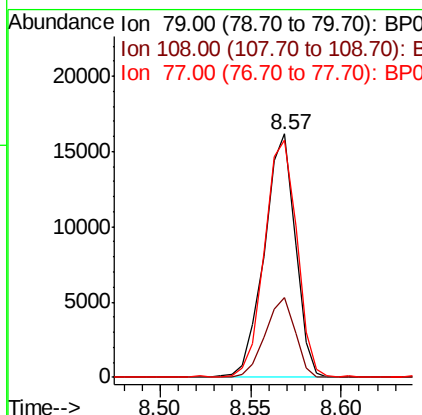




#15
Benzyl Alcohol
Concen: 2.161 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001125.D
Acq: 02 Dec 2019 14:45

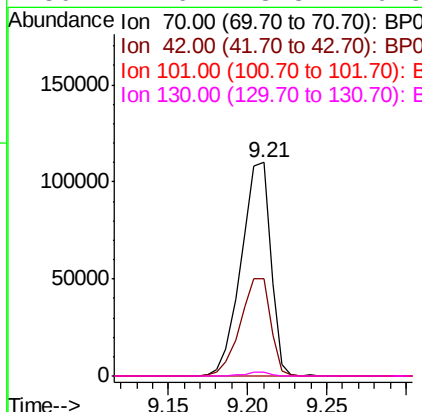
Instrument :
BNA_P
ClientSampleId :

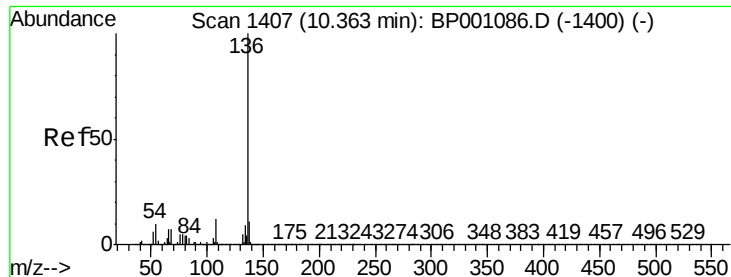
Tot Ion	Ratio	Lower	Upper
79	100		
108	32.7	54.8	82.2#
77	97.4	51.4	77.2#



#19
n-Nitroso-di-n-propylamine
Concen: 18.204 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001125.D
Acq: 02 Dec 2019 14:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.6	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BP001125.D

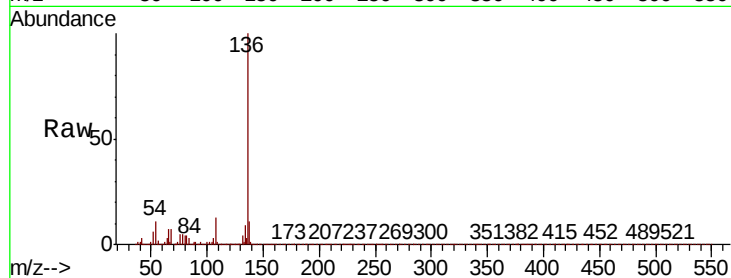
Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

Tot 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	



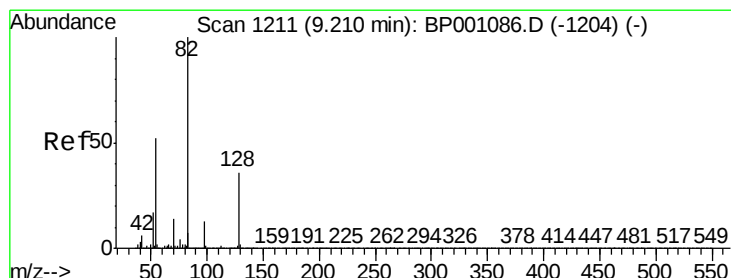
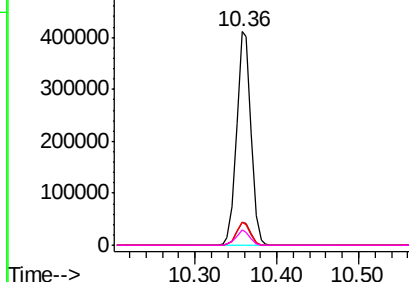
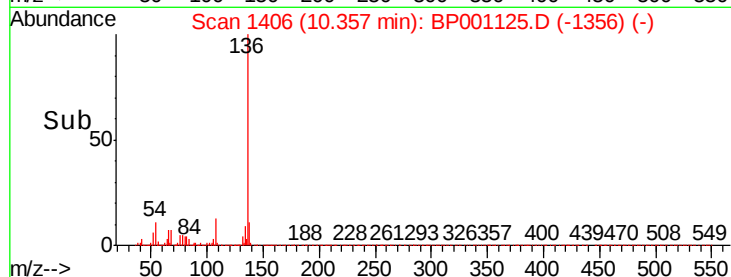
Abundance

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



#23

Nitrobenzene-d5

Concen: 88.812 ng

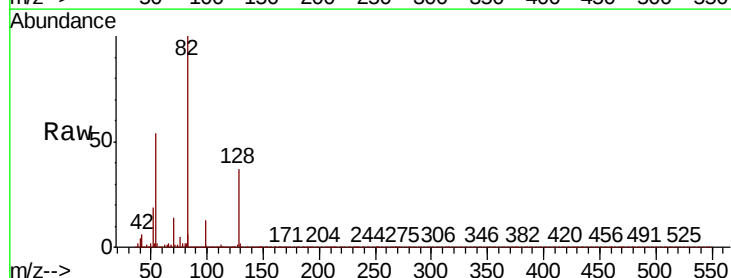
RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

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

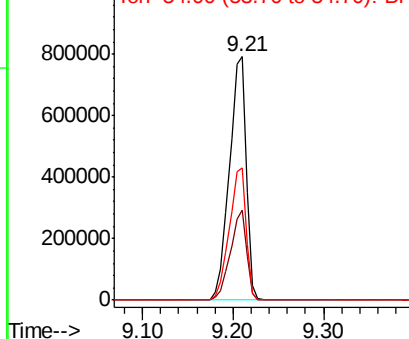
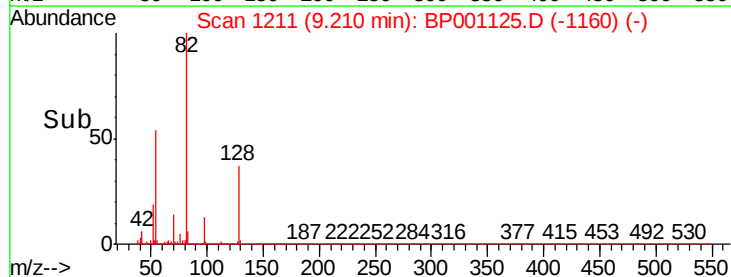


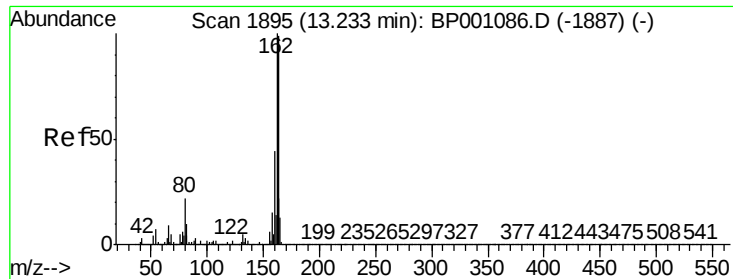
Abundance

Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP001125.D

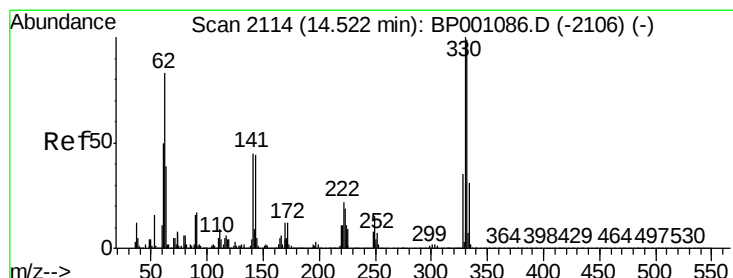
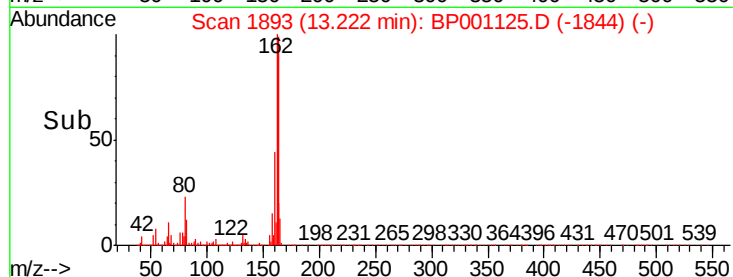
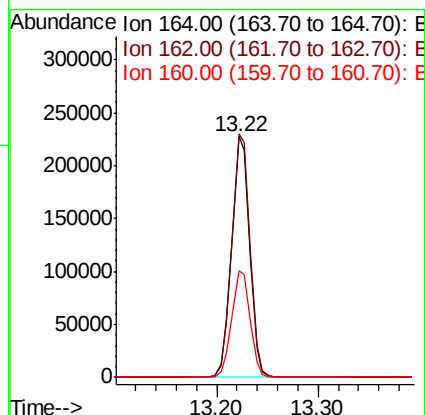
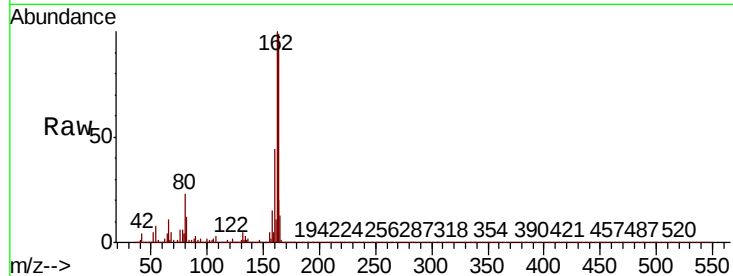
Acq: 02 Dec 2019 14:45

Instrument :

BNA_P

ClientSampleId :

Tot 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

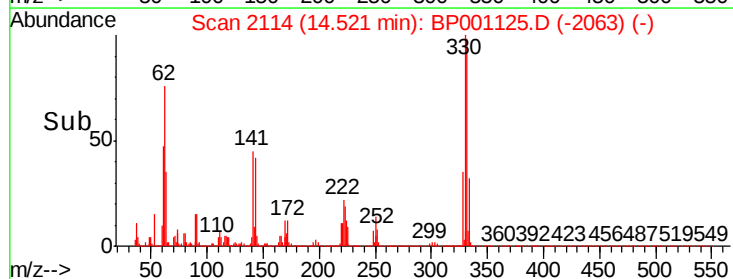
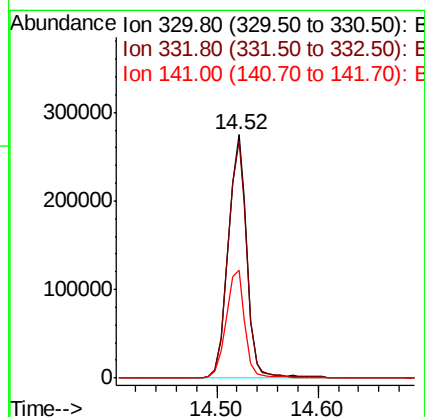
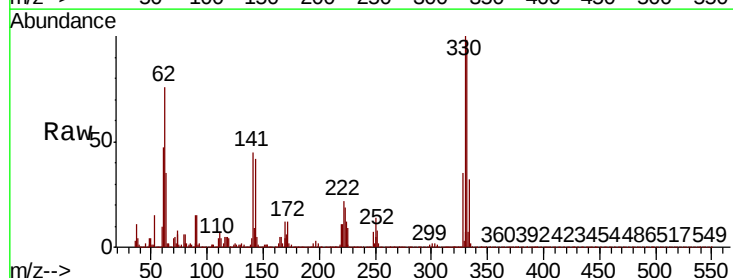
RT: 14.52 min Scan# 2114

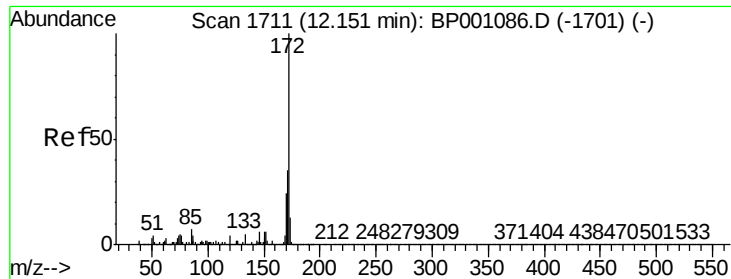
Delta R.T. -0.00 min

Lab File: BP001125.D

Acq: 02 Dec 2019 14:45

Tgt Ion:	330	Resp:	350776
Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.6	116.4
141	44.9	34.2	51.2

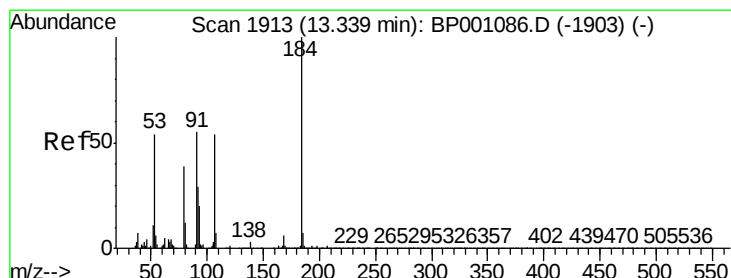
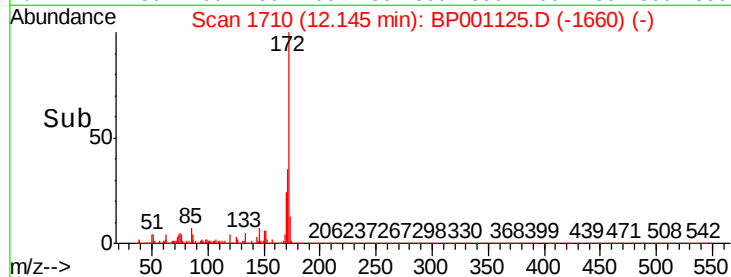
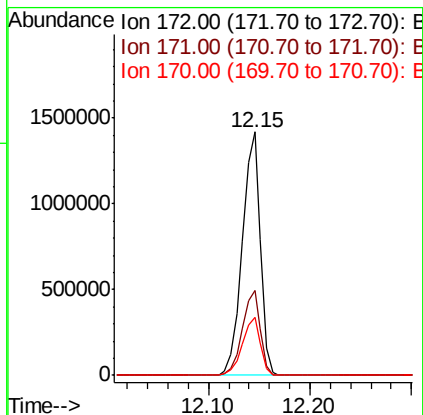
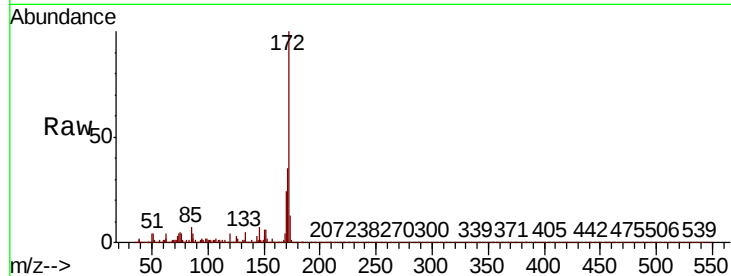




#45
 2-Fluorobiphenyl
 Concen: 90.674 ng
 RT: 12.15 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP001125.D
 Acq: 02 Dec 2019 14:45

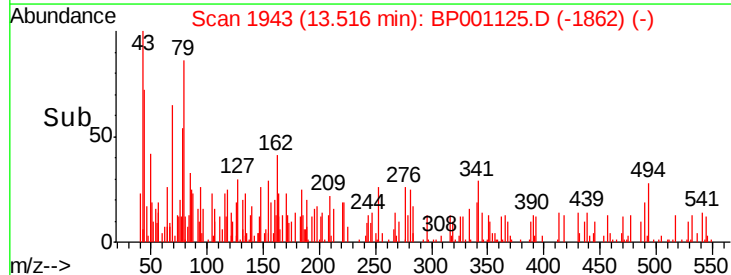
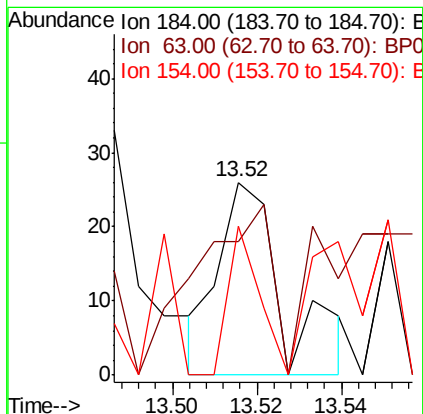
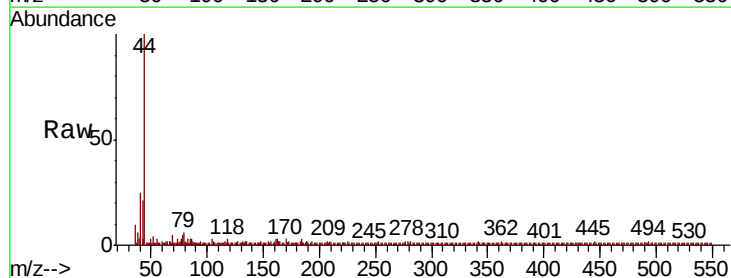
Instrument :
 BNA_P
 ClientSampleId :

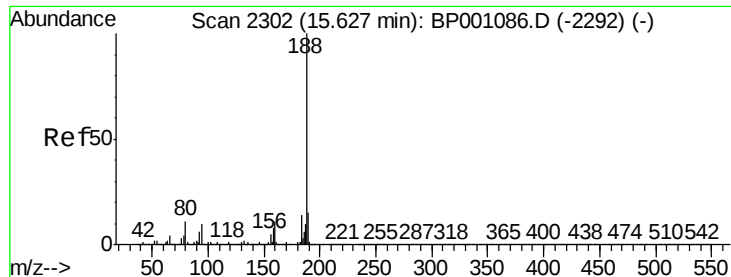
Tot Ion:172 Resp: 1743219
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.9 19.0 28.4



#54
 2,4-Dinitrophenol
 Concen: 7.123 ng
 RT: 13.52 min Scan# 1943
 Delta R.T. 0.18 min
 Lab File: BP001125.D
 Acq: 02 Dec 2019 14:45

Tgt Ion:184 Resp: 28
 Ion Ratio Lower Upper
 184 100
 63 69.2 60.7 91.1
 154 76.9 56.2 84.2





#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 :

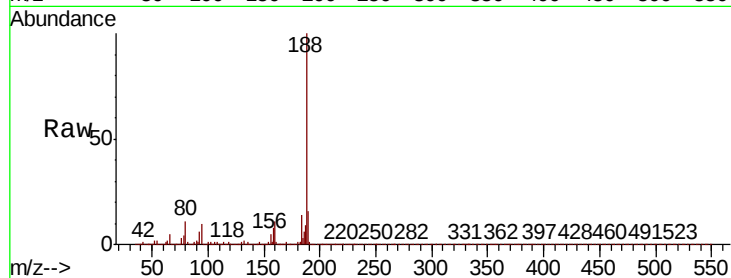
Tot Ion:188 Resp: 540208

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

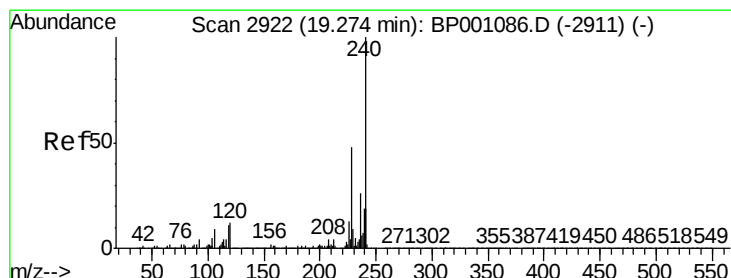
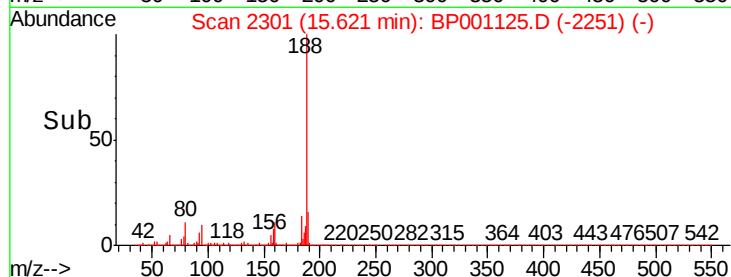
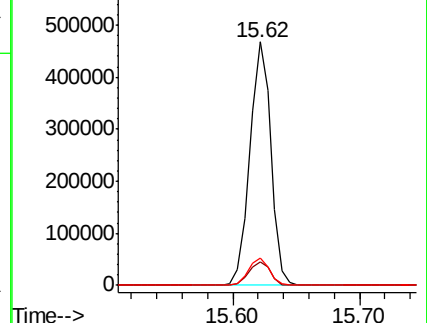
80 11.4 8.8 13.2



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

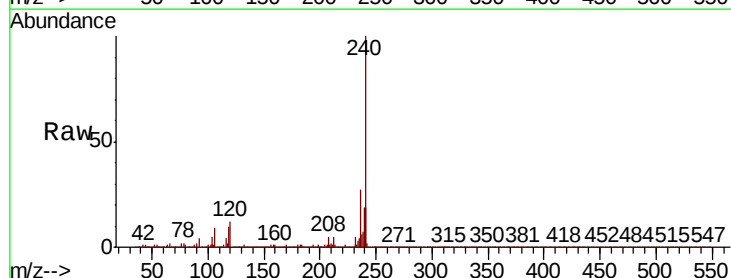
Tgt Ion:240 Resp: 421139

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

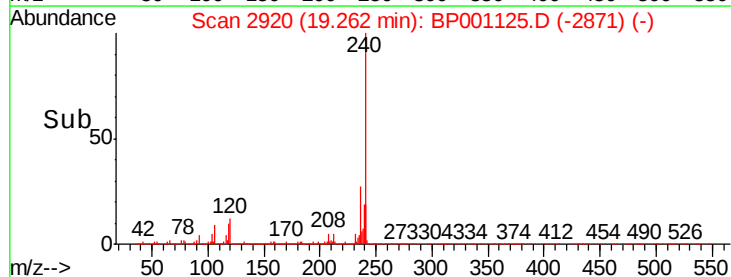
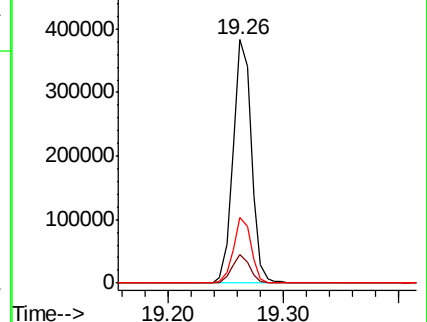
236 26.8 20.4 30.6

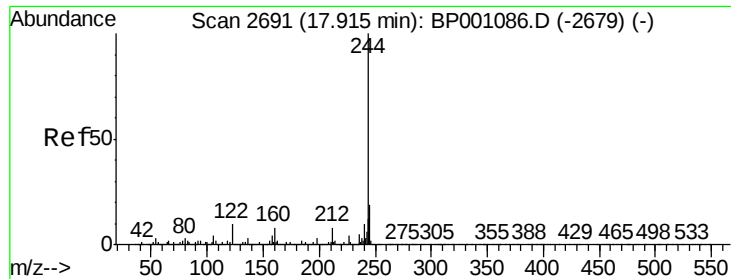


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

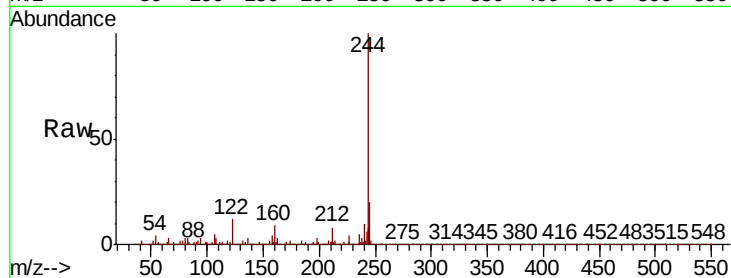
Tot Ion:244 Resp: 2053049

Ion Ratio Lower Upper

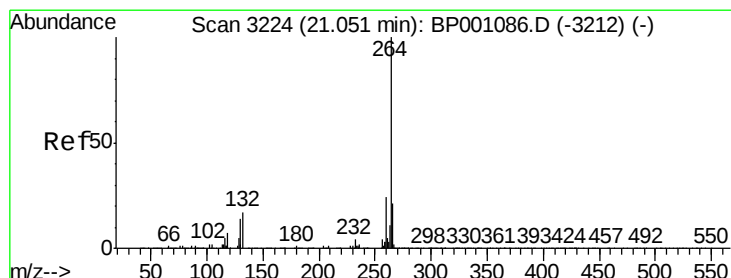
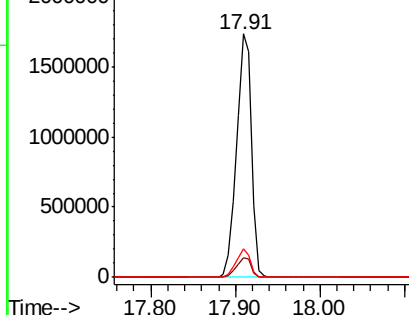
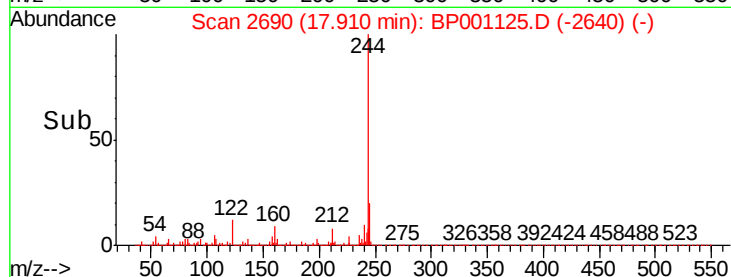
244 100

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

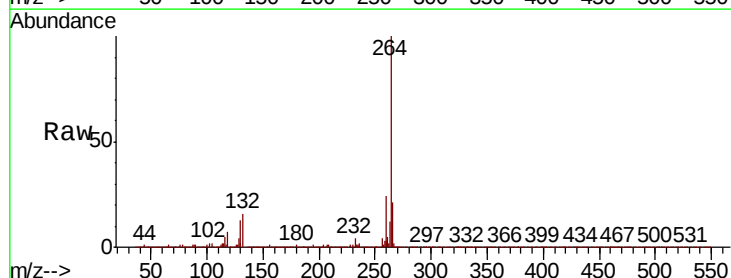
Tgt Ion:264 Resp: 448189

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

