

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001393.D
 Acq On : 24 Dec 2019 18:35
 Operator : JU
 Sample : K6372-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:55:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	51238	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	189198	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	109051	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	202396	20.00	ng	0.00
76) Chrysene-d12	19.22	240	144610	20.00	ng	0.00
87) Perylene-d12	20.99	264	142198	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	164828	51.99	ng	0.00
7) Phenol-d6	7.75	99	125331	30.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	423806	86.02	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	192786	141.40	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	789862	91.59	ng	0.00
79) Terphenyl-d14	17.87	244	868560	102.87	ng	0.00

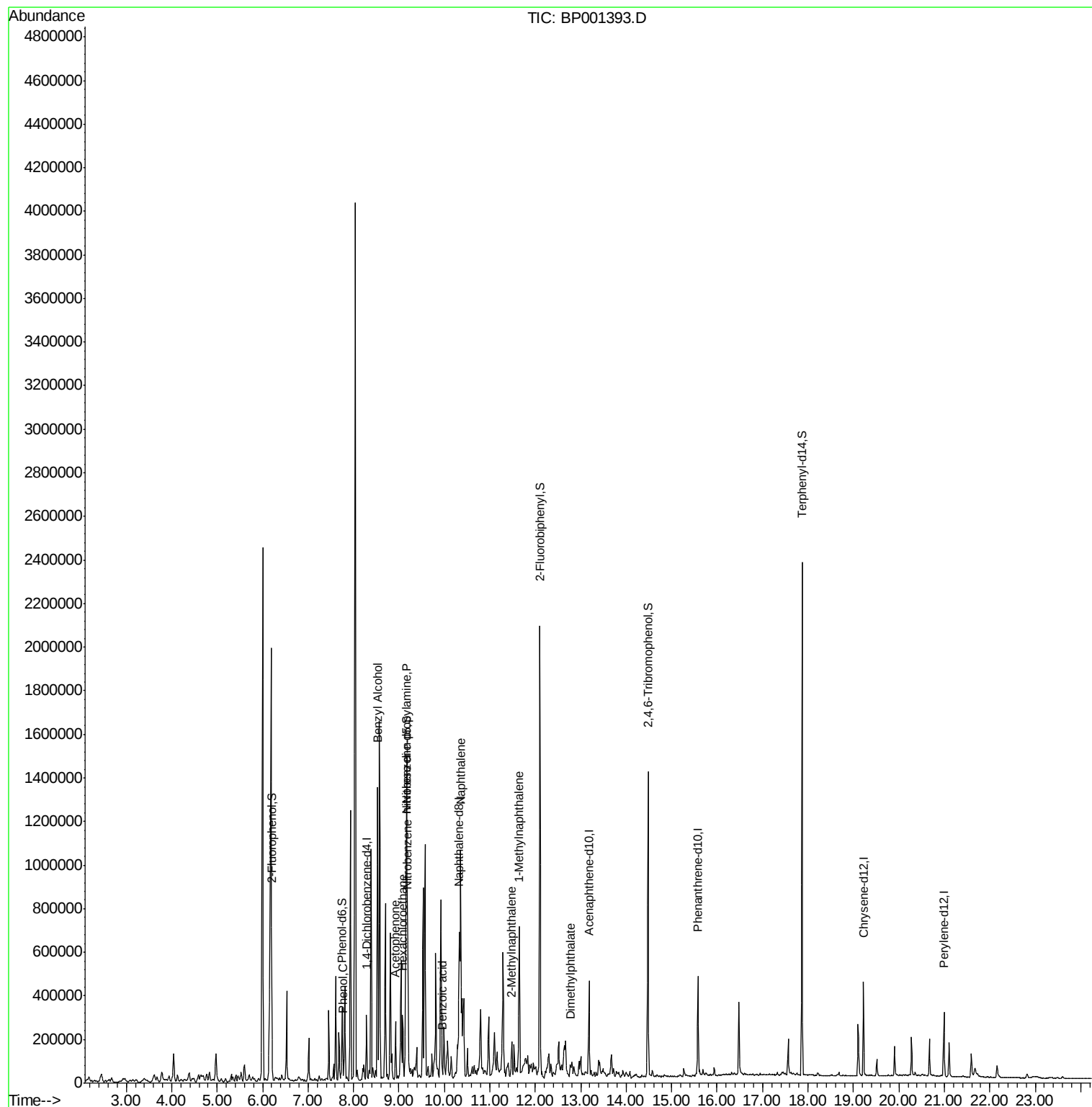
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.77	94	11182	2.366	ng	91
15) Benzyl Alcohol	8.53	79	9308	2.398	ng	# 55
18) Hexachloroethane	9.08	117	11628	6.758	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	64676	22.023	ng	# 80
22) Acetophenone	8.93	105	118251	19.765	ng	# 62
24) Nitrobenzene	9.19	77	19254	3.971	ng	# 5
31) Naphthalene	10.36	128	571289	55.316	ng	99
32) Benzoic acid	9.96	122	4866	7.142	ng	92
37) 2-Methylnaphthalene	11.48	142	38555	5.407	ng	# 92
38) 1-Methylnaphthalene	11.65	142	103459	15.434	ng	# 98
50) Dimethylphthalate	12.77	163	20370	2.277	ng	# 95

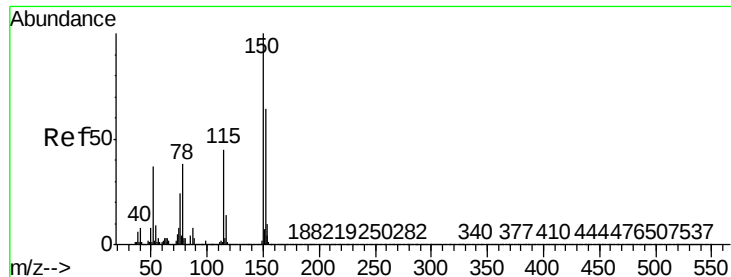
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

Instrument :

BNA_P

ClientSampleId :

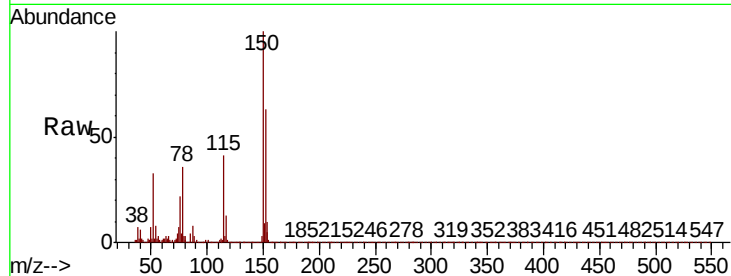
Tot Ion:152 Resp: 51238

Ion Ratio Lower Upper

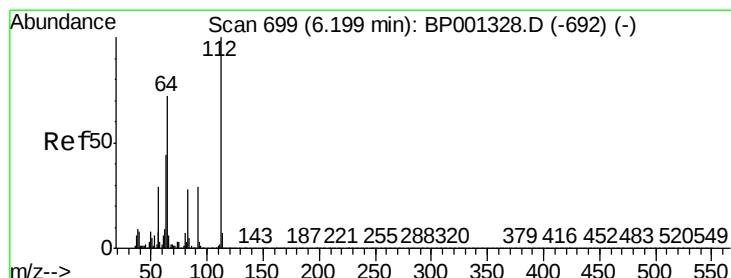
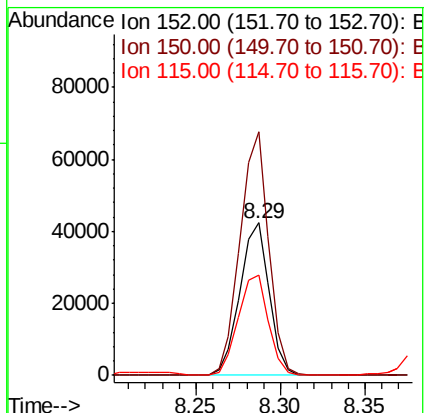
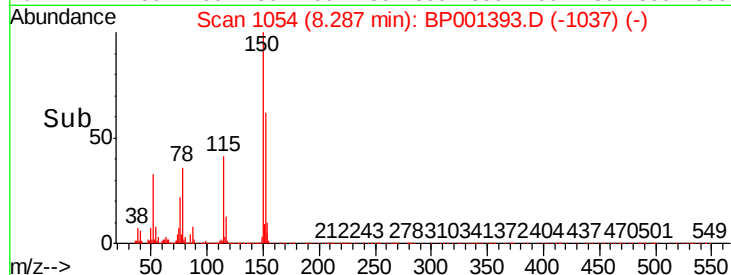
152 100

150 160.0 127.0 190.6

115 65.9 56.1 84.1



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: 51.991 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

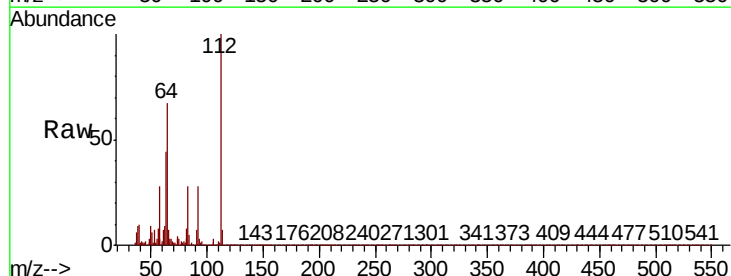
Tgt Ion:112 Resp: 164828

Ion Ratio Lower Upper

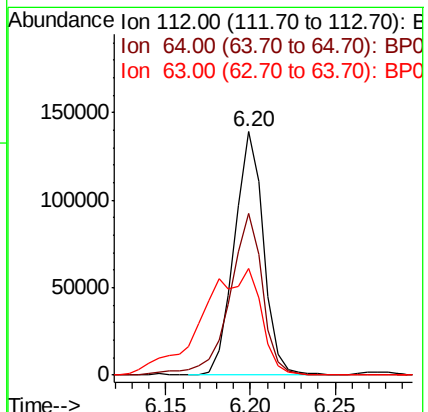
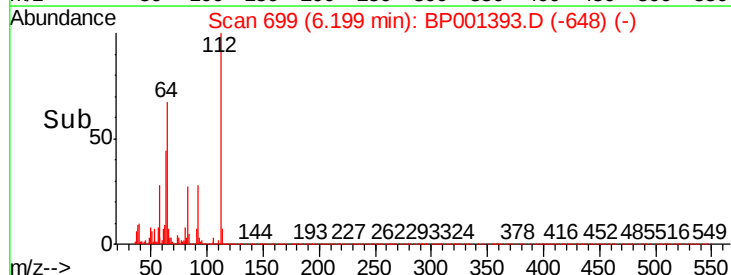
112 100

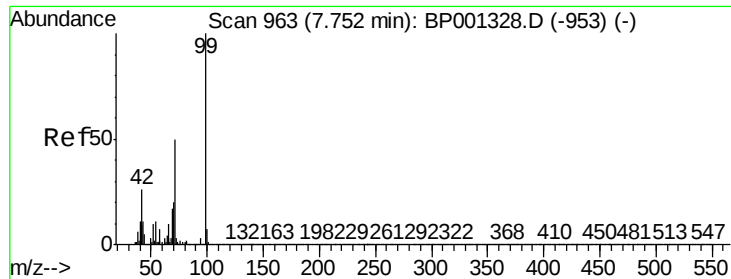
64 66.6 53.9 80.9

63 43.8 33.4 50.0



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: 30.296 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

Instrument :

BNA_P

ClientSampleId :

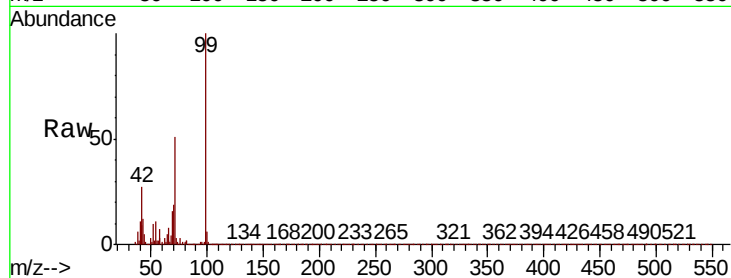
Tot Ion: 99 Resp: 125331

Ion Ratio Lower Upper

99 100

42 26.9 20.8 31.2

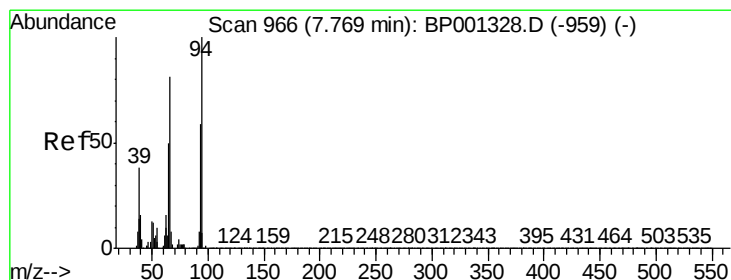
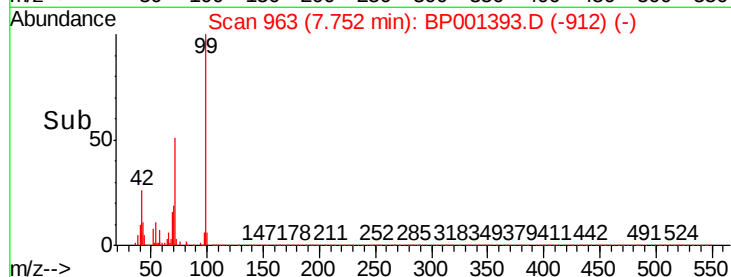
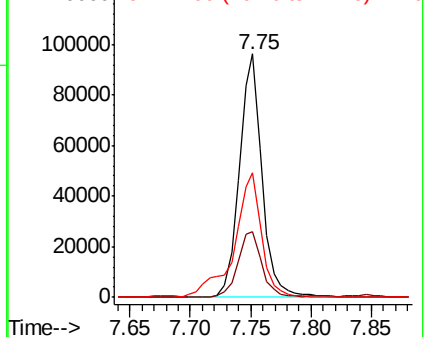
71 51.0 38.2 57.4



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



#10

Phenol

Concen: 2.366 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

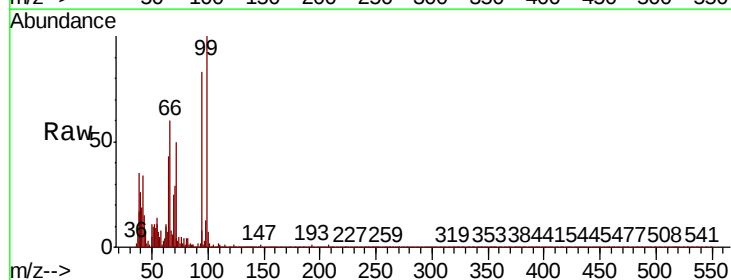
Tgt Ion: 94 Resp: 11182

Ion Ratio Lower Upper

94 100

65 52.3 29.6 69.6

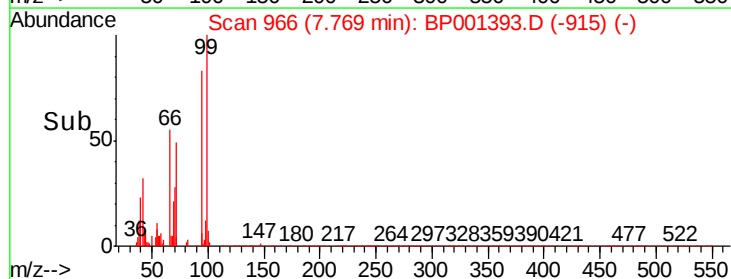
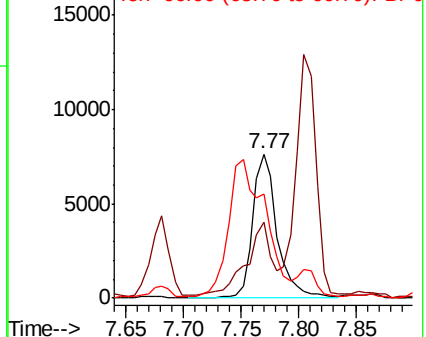
66 72.1 62.3 102.3

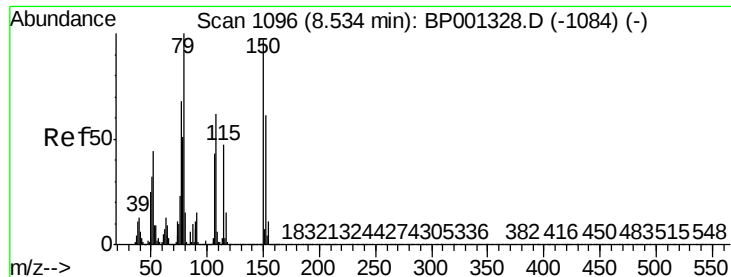


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#15

Benzyl Alcohol

Concen: 2.398 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

Instrument :

BNA_P

ClientSampled :

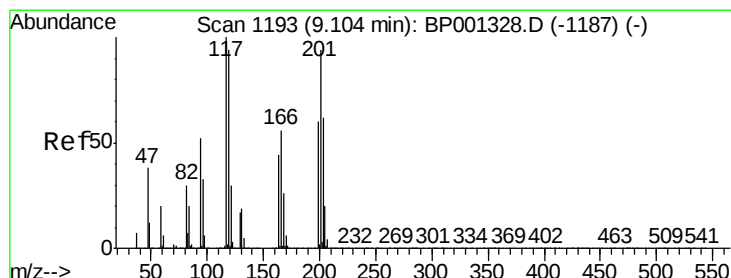
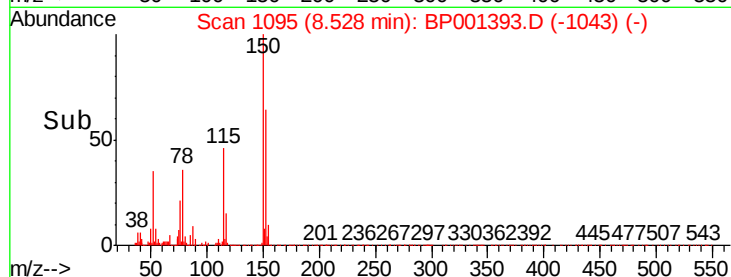
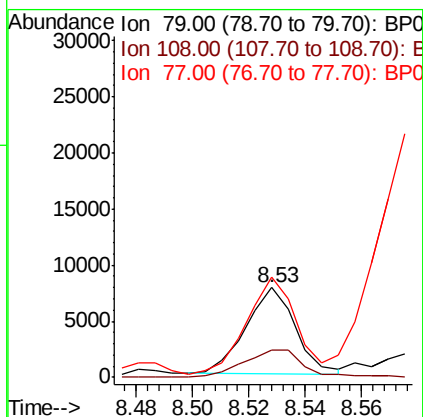
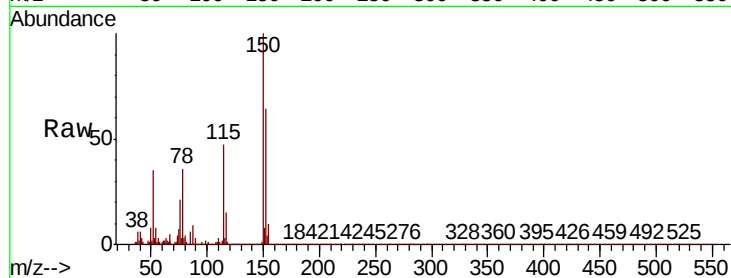
Tot Ion: 79 Resp: 9308

Ion Ratio Lower Upper

79 100

108 31.1 49.0 73.4#

77 112.1 56.7 85.1#



#18

Hexachloroethane

Concen: 6.758 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

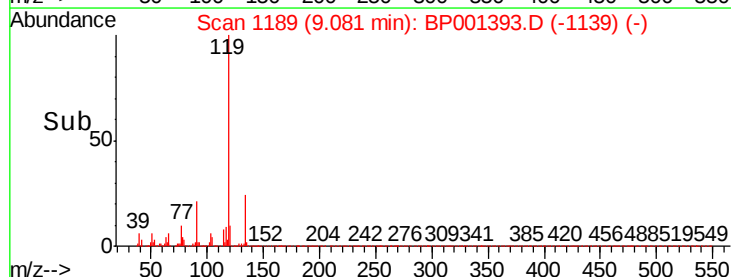
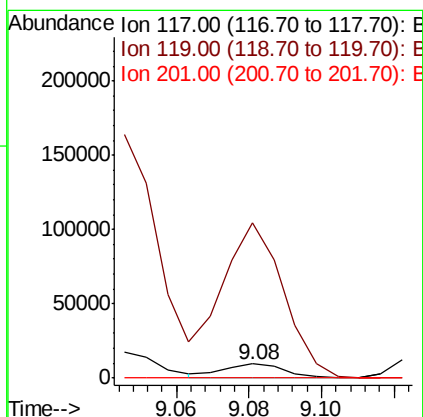
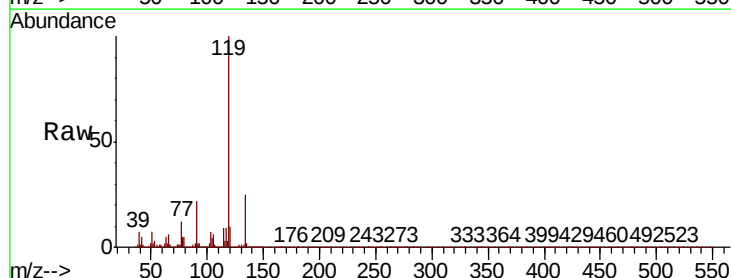
Tgt Ion: 117 Resp: 11628

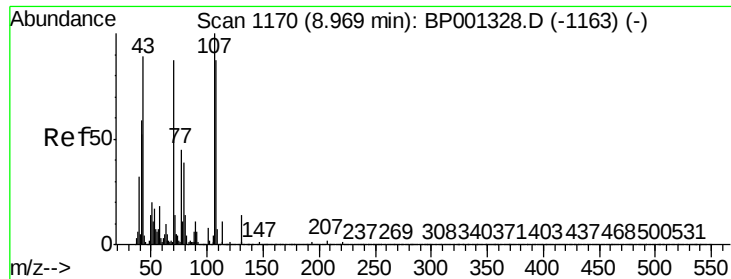
Ion Ratio Lower Upper

117 100

119 1097.9 75.8 113.6#

201 0.1 77.8 116.6#

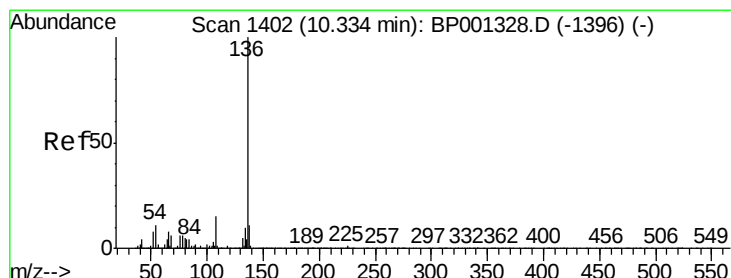
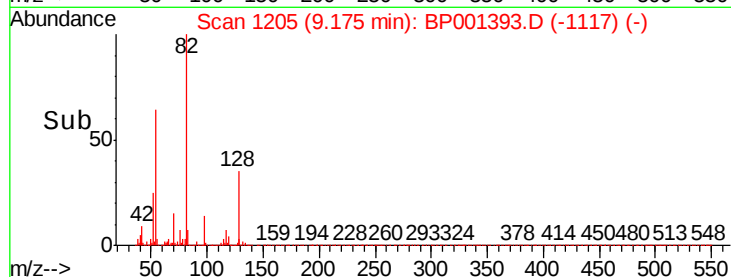
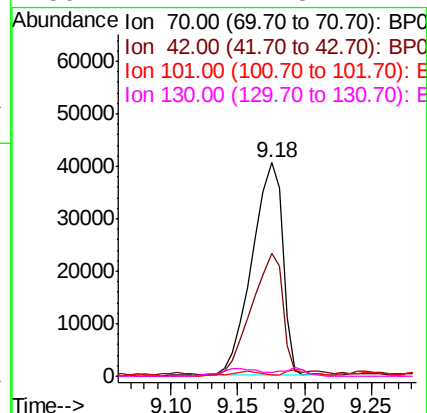
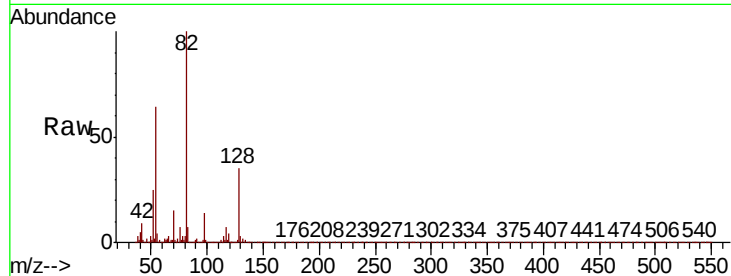




#19
n-Nitroso-di-n-propylamine
Concen: 22.023 ng
RT: 9.18 min Scan# 1205
Delta R.T. 0.22 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

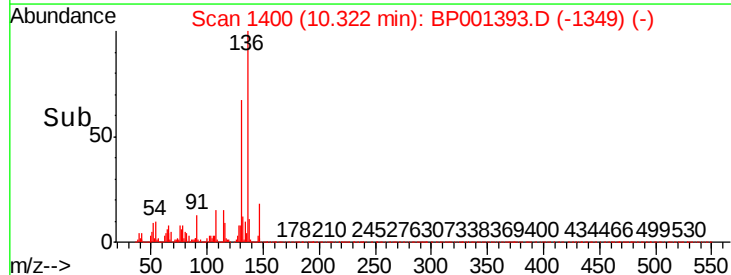
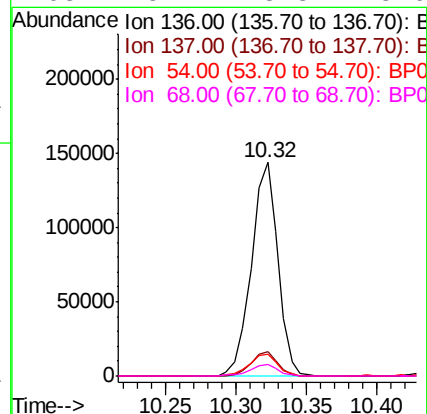
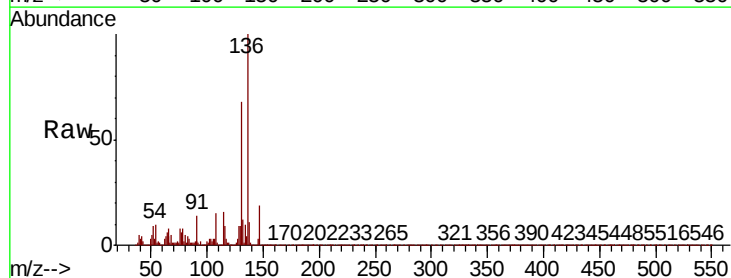
Instrument :
BNA_P
ClientSampleId :

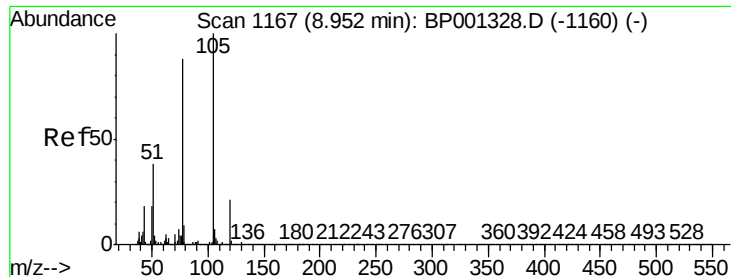
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	55.8	83.8
101	0.4	8.2	12.2#
130	1.7	14.5	21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.0	7.3	10.9
68	5.2	3.8	5.6

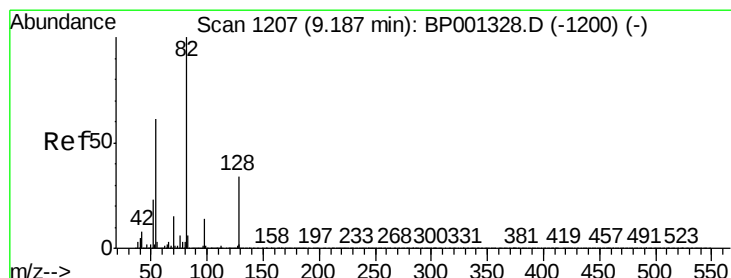
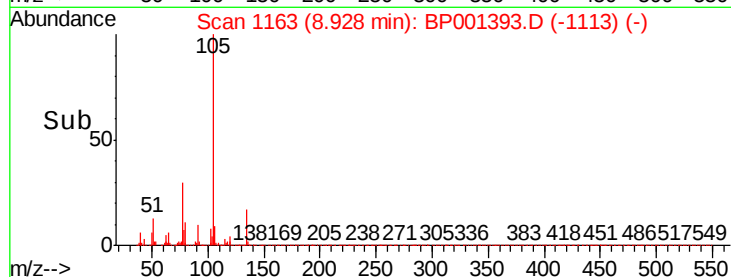
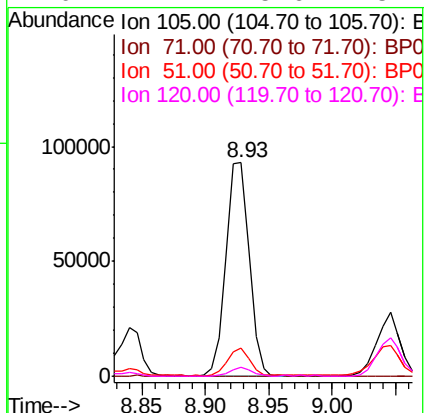
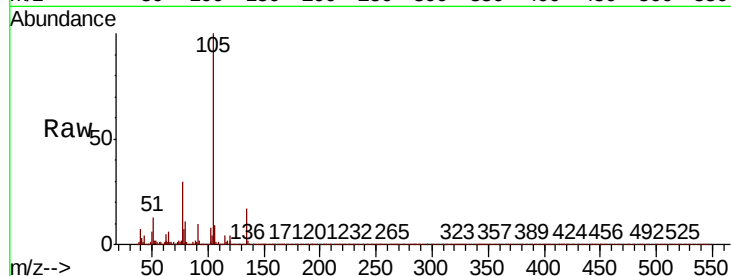




#22
Acetophenone
Concen: 19.765 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

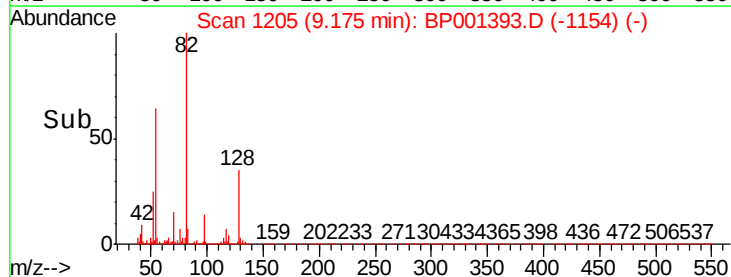
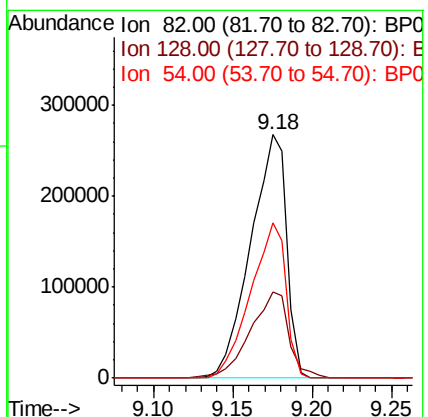
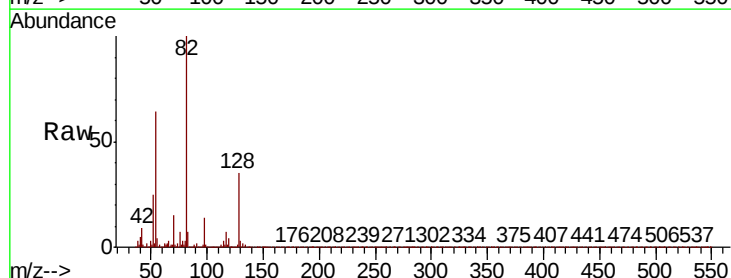
Instrument :
BNA_P
ClientSampleId :

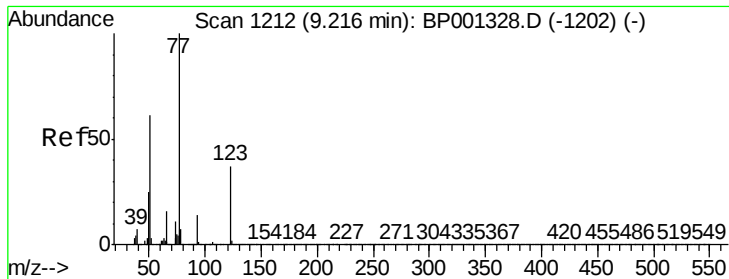
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.2	0.4#
51	13.4	29.8	44.6#
120	4.1	15.6	23.4#



#23
Nitrobenzene-d5
Concen: 86.019 ng
RT: 9.18 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.4	41.0
54	64.0	47.5	71.3

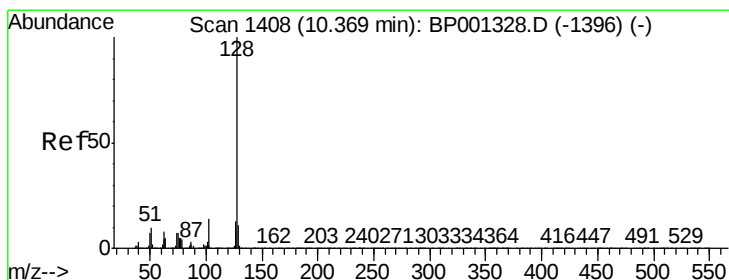
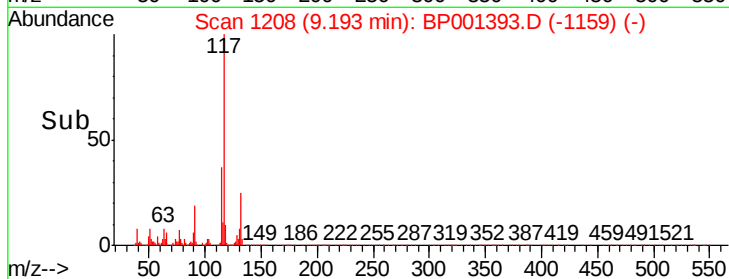
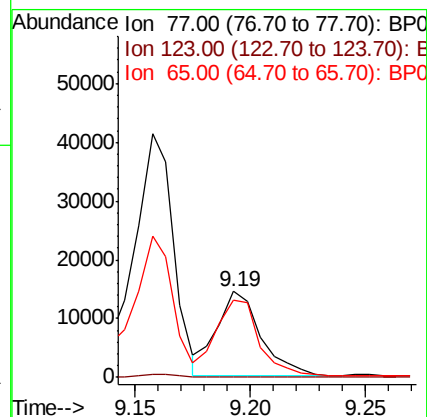
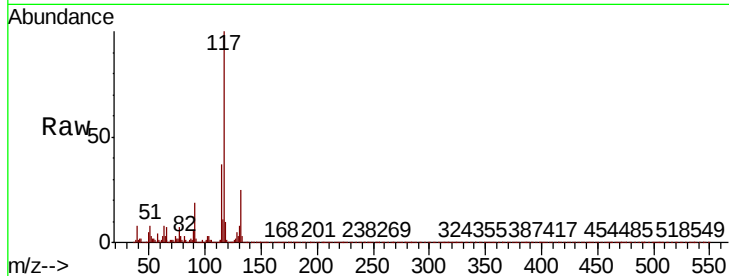




#24
Nitrobenzene
Concen: 3.971 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

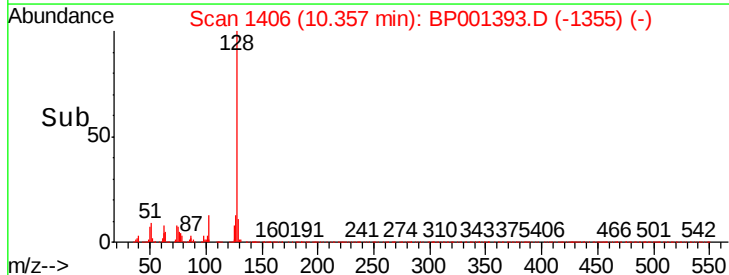
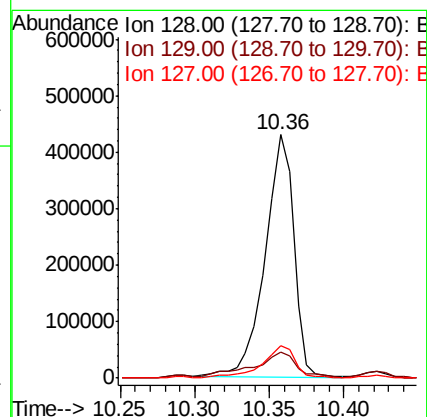
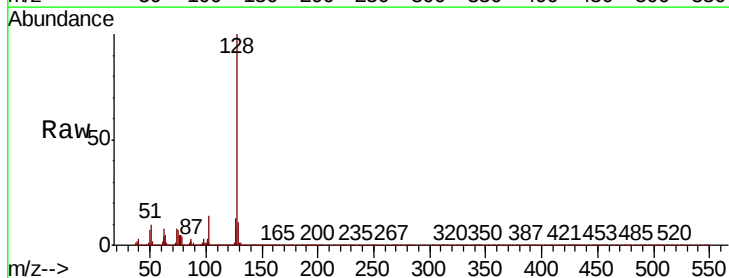
Instrument :
BNA_P
ClientSampleId :

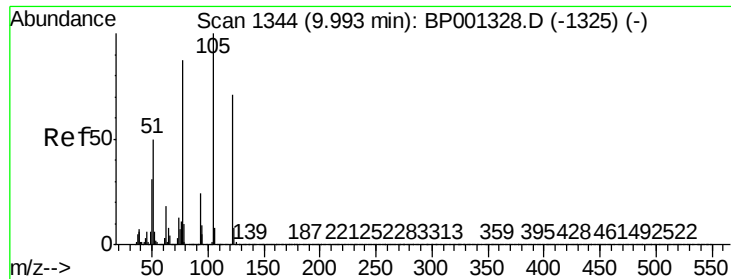
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.8	30.9	46.3#
65	90.4	13.0	19.4#



#31
Naphthalene
Concen: 55.316 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.3	11.0	16.6





#32

Benzoic acid

Concen: 7.142 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.05 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

Instrument :

BNA_P

ClientSampleId :

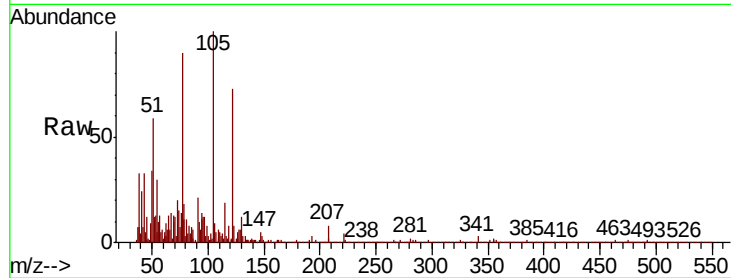
Tot Ion:122 Resp: 4866

Ion Ratio Lower Upper

122 100

105 137.0 117.8 157.8

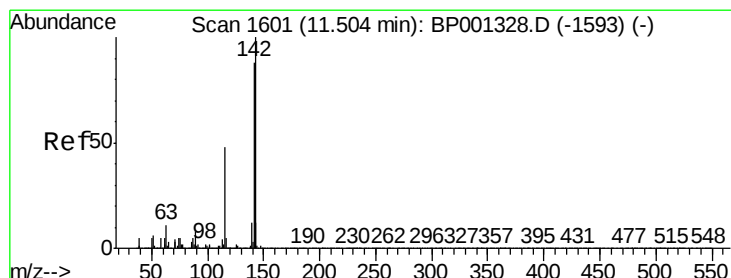
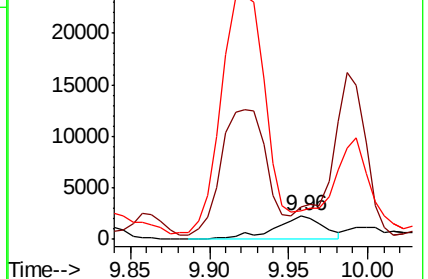
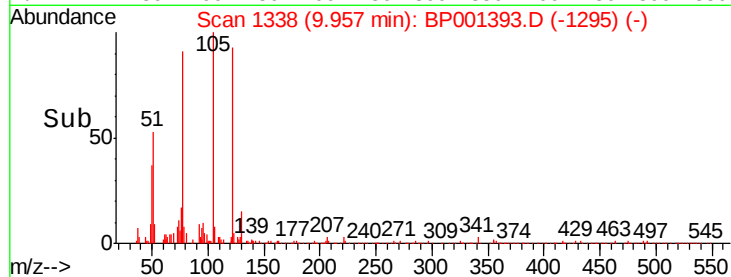
77 123.4 85.6 125.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#37

2-Methylnaphthalene

Concen: 5.407 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BP001393.D

Acq: 24 Dec 2019 18:35

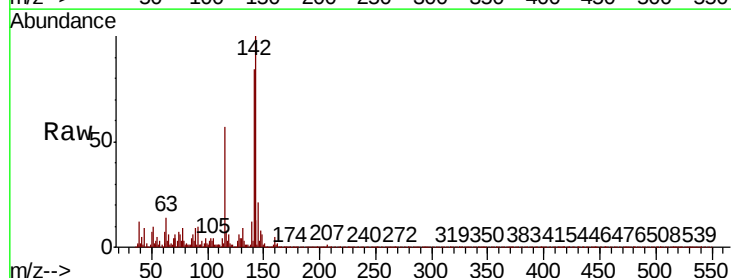
Tgt Ion:142 Resp: 38555

Ion Ratio Lower Upper

142 100

141 84.4 70.2 105.2

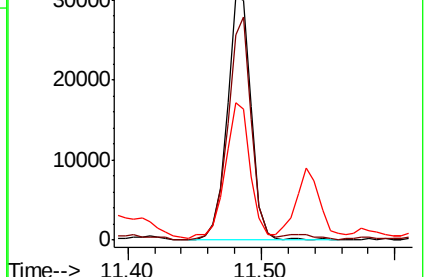
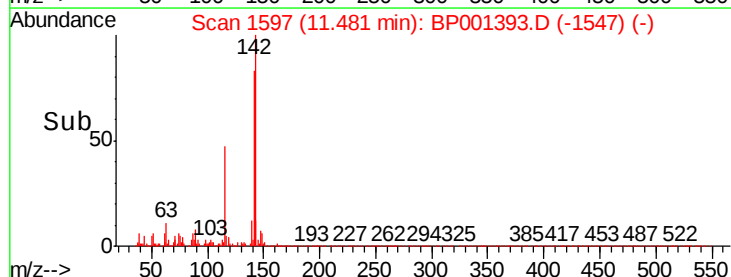
115 56.6 37.0 55.4#

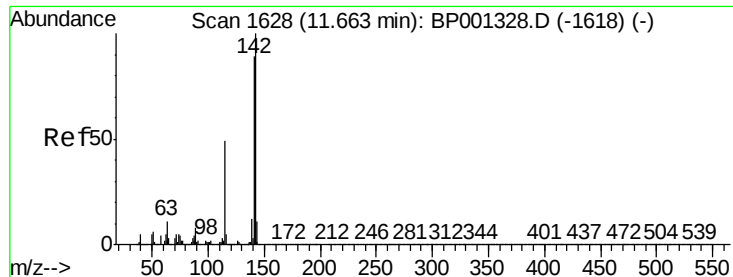


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

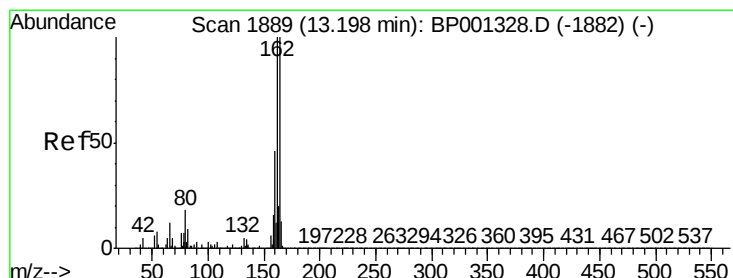
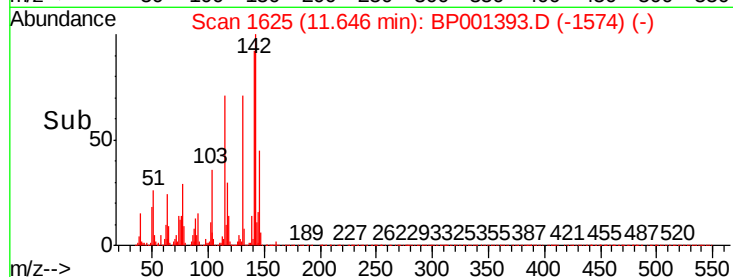
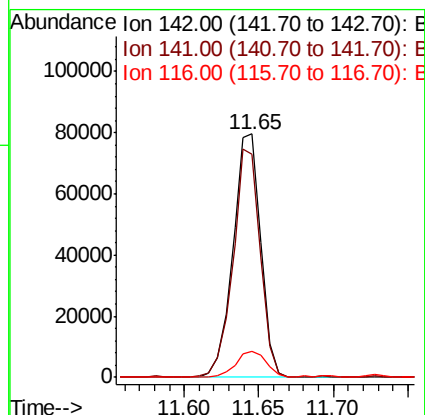
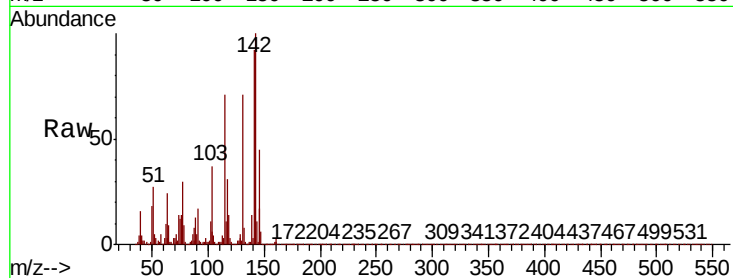




#38
1-Methylnaphthalene
Concen: 15.434 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

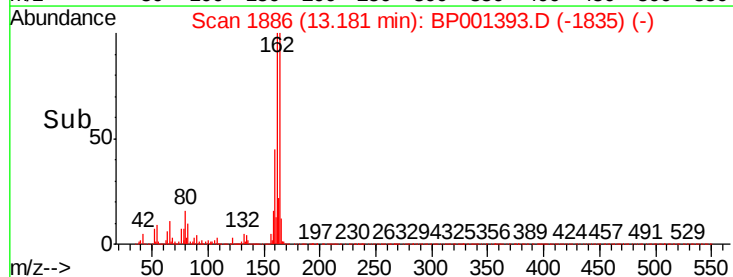
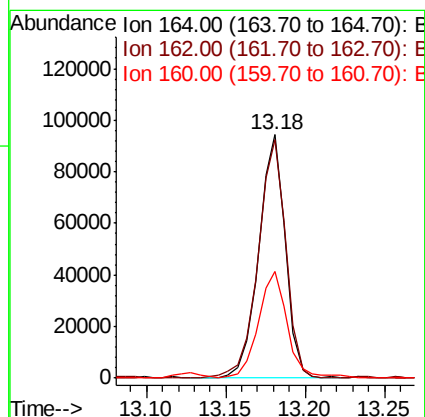
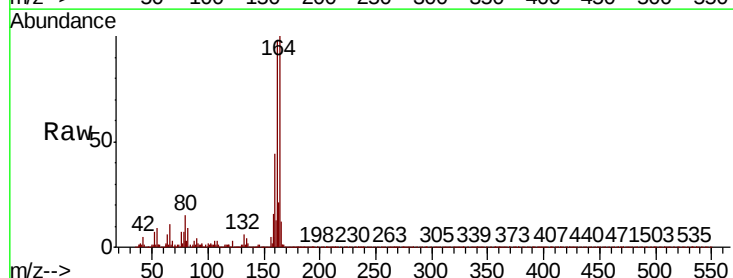
Instrument :
BNA_P
ClientSampleId :

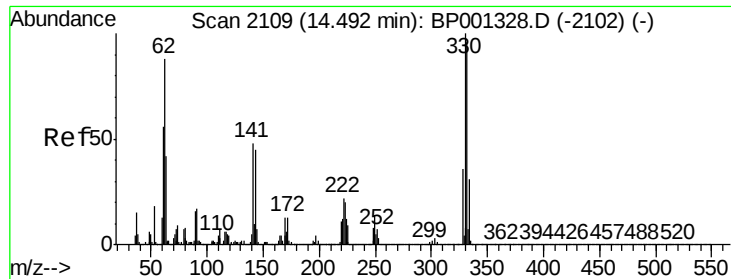
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.9	109.3
116	10.6	3.8	5.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.2	117.4
160	43.7	35.1	52.7

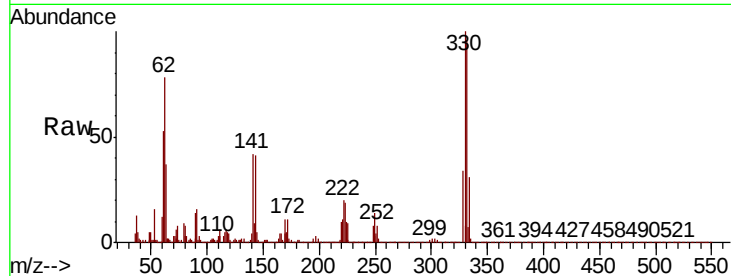




#42
2,4,6-Tribromophenol
Concen: 141.402 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.3	117.5
141	42.5	26.8	40.2#

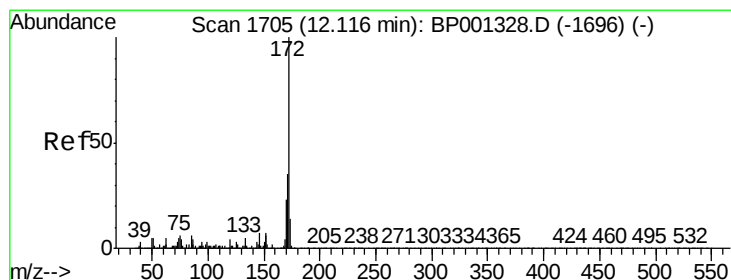
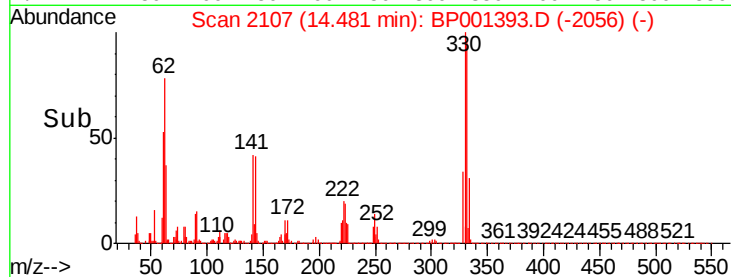
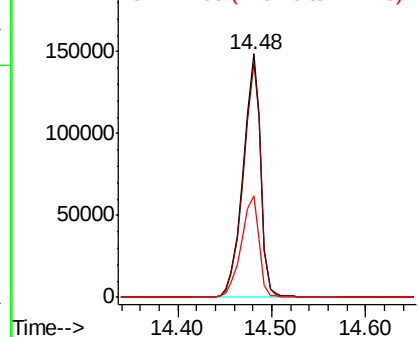


Abundance

Ion 329.80 (329.50 to 330.50): E

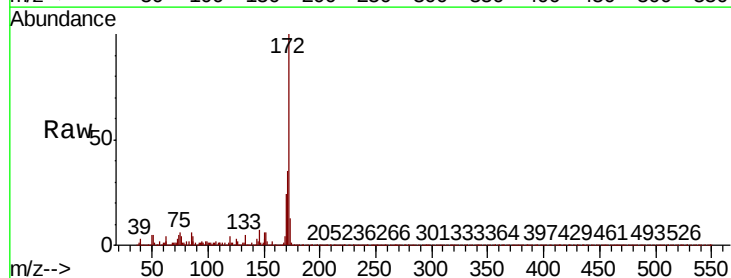
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 91.587 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.0
170	23.5	18.2	27.4

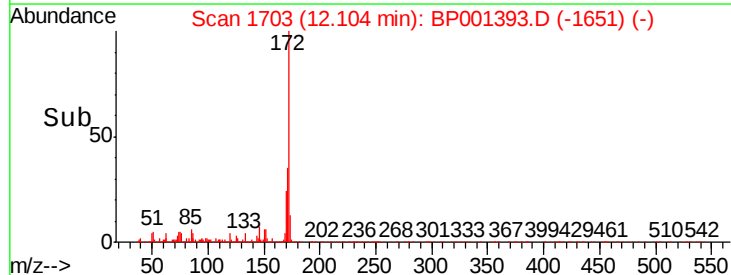
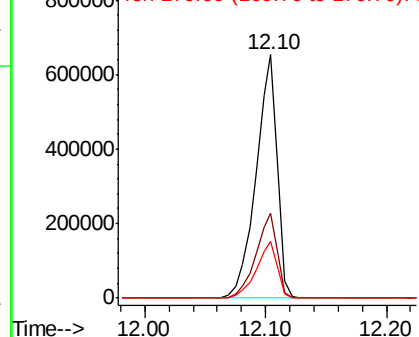


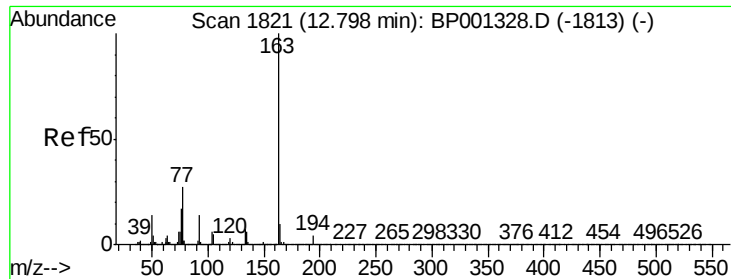
Abundance

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

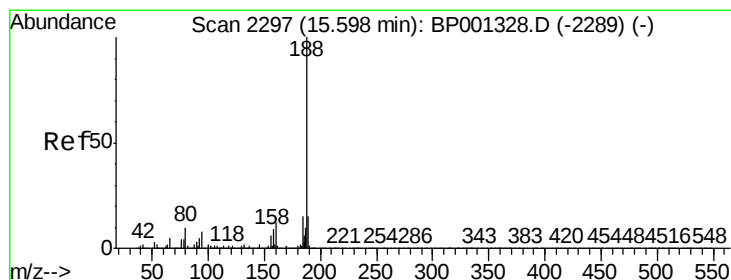
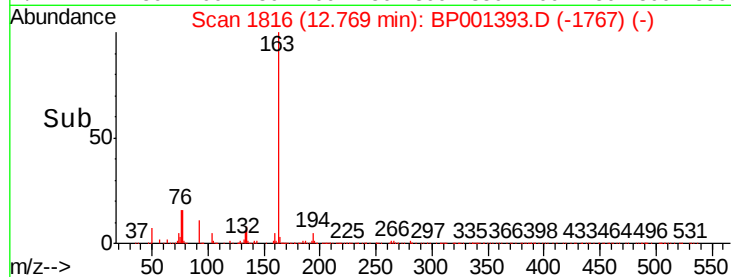
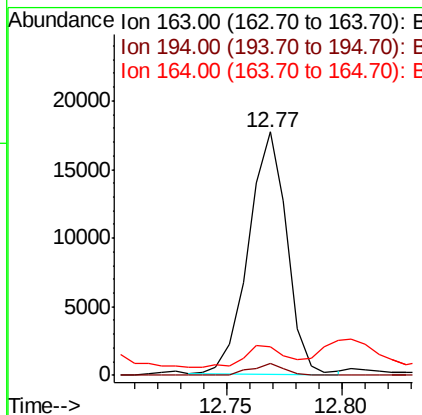
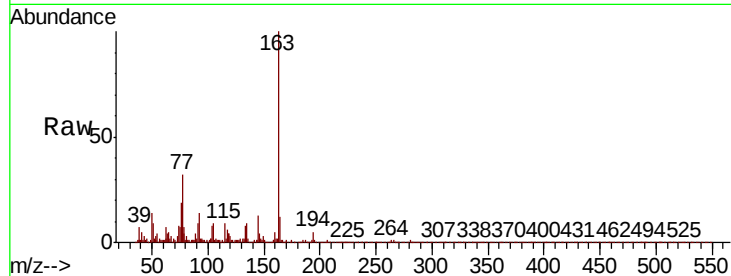




#50
Dimethylphthalate
Concen: 2.277 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

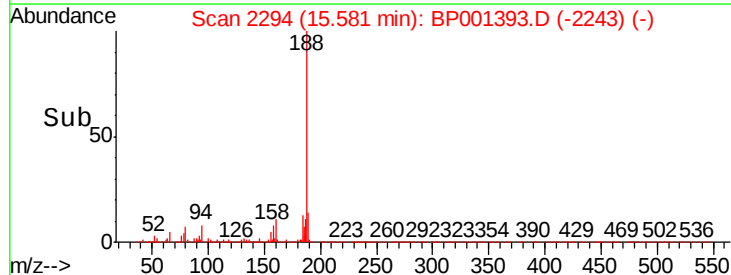
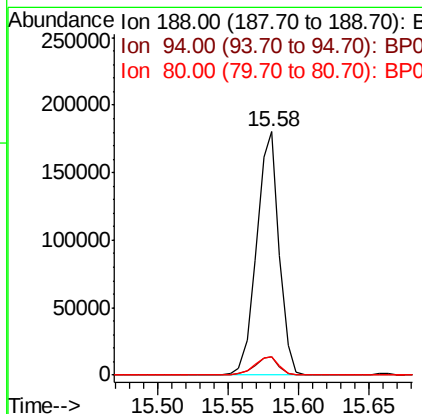
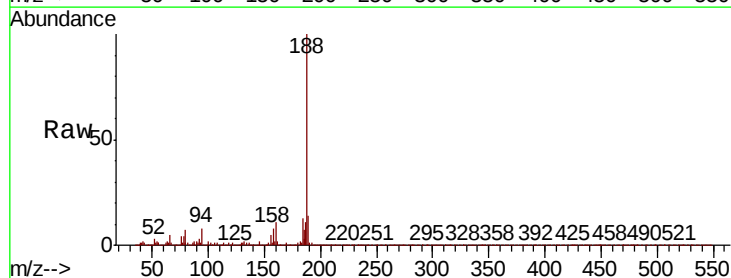
Instrument :
BNA_P
ClientSampleId :

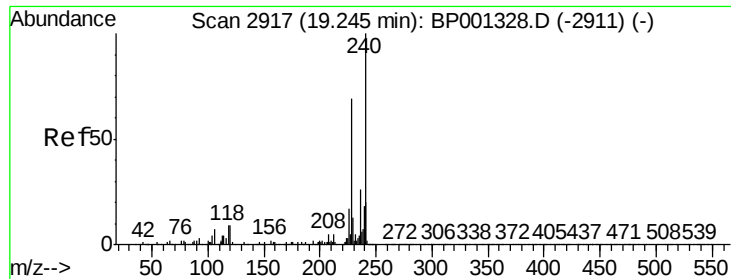
Tot Ion:163 Resp: 20370
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 11.9 7.7 11.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion:188 Resp: 202396
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 7.3 5.7 8.5

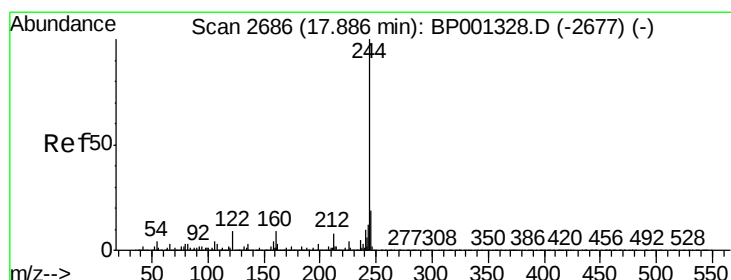
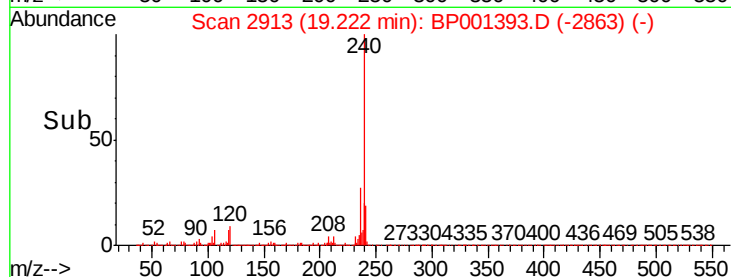
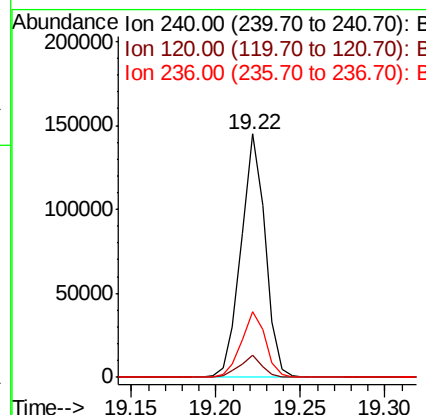
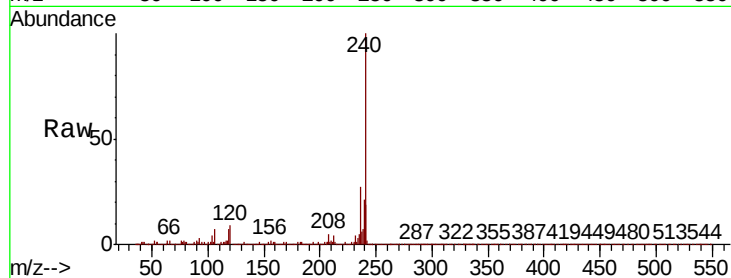




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

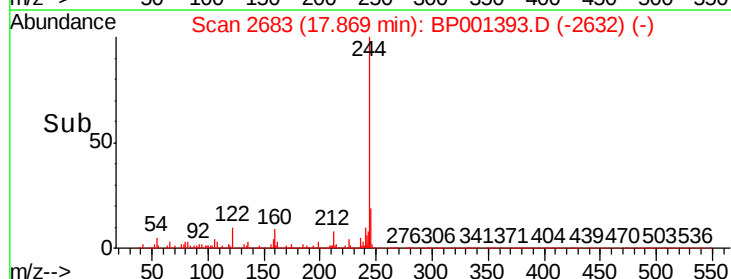
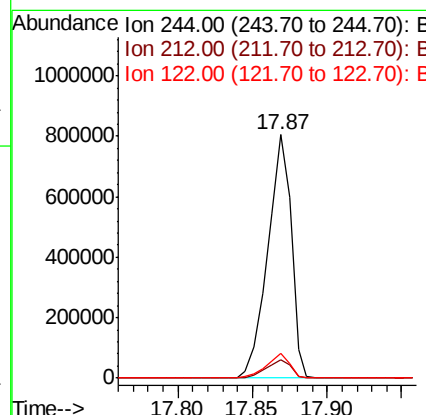
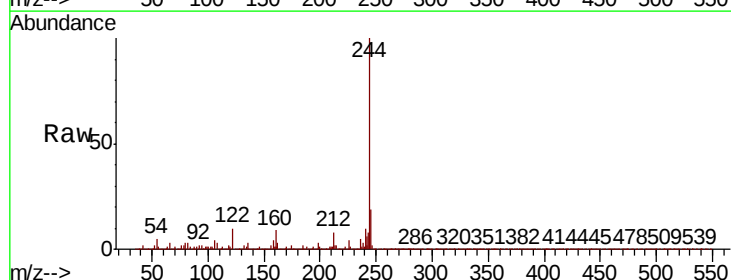
Instrument :
BNA_P
ClientSampleId :

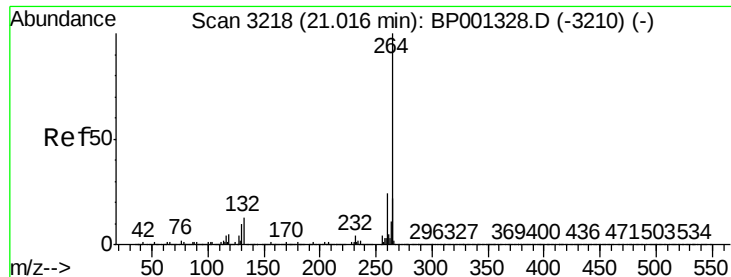
Tot Ion:240 Resp: 144610
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 27.0 20.2 30.2



#79
Terphenyl-d14
Concen: 102.873 ng
RT: 17.87 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BP001393.D
Acq: 24 Dec 2019 18:35

Tgt Ion:244 Resp: 868560
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 10.3 6.4 9.6#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BP001393.D
 Acq: 24 Dec 2019 18:35

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.9	17.0	25.4

