

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001107.D
 Acq On : 28 Nov 2019 04:35
 Operator : JU
 Sample : PB125122BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 06:53:49 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

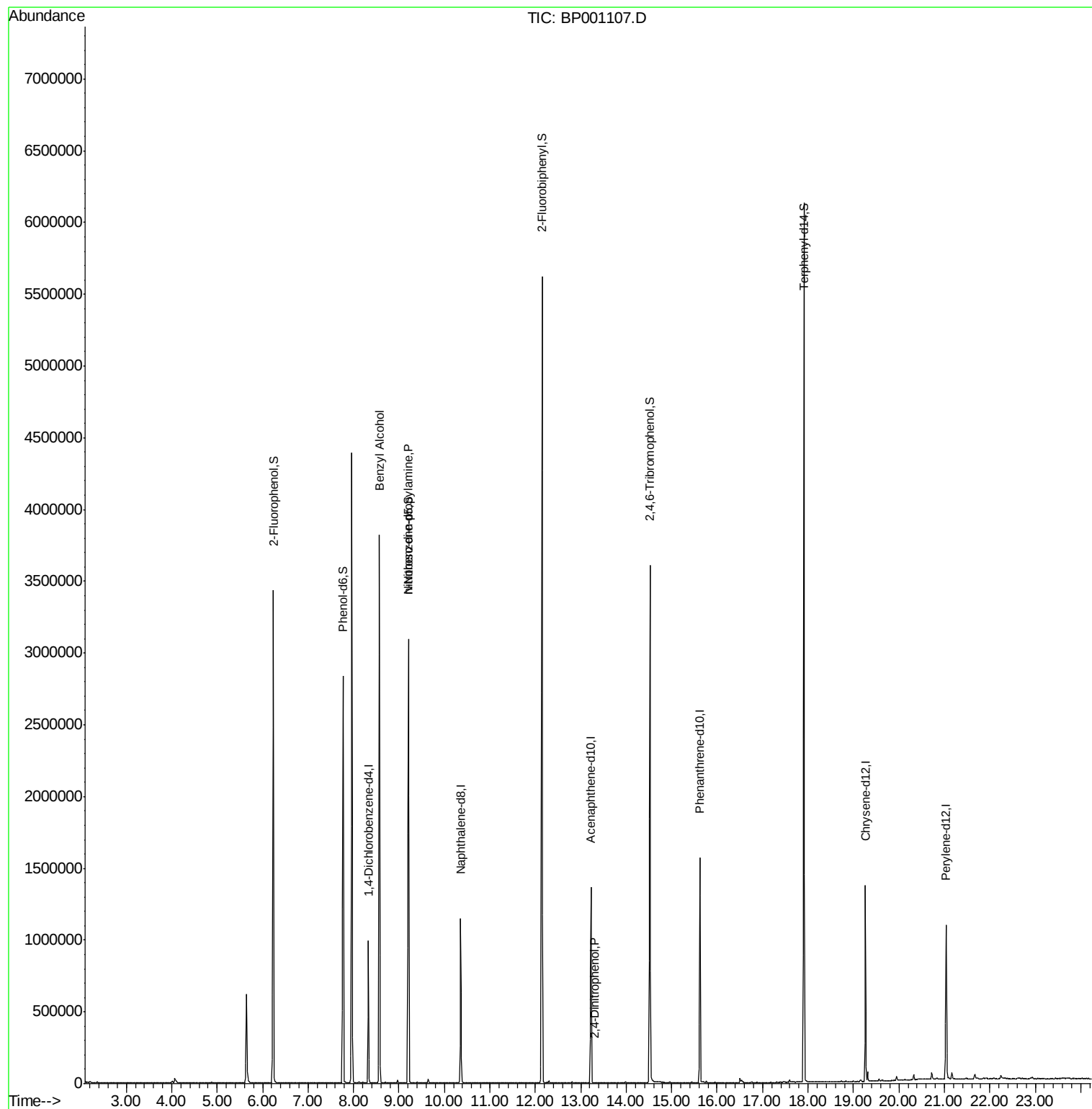
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	176003	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	662148	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	377960	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	704292	20.00	ng	0.00
76) Chrysene-d12	19.26	240	513369	20.00	ng	-0.01
87) Perylene-d12	21.04	264	532135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1203106	113.41	ng	0.00
7) Phenol-d6	7.77	99	1197668	84.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	1372474	89.93	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	503407	138.96	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2305576	89.28	ng	0.00
79) Terphenyl-d14	17.91	244	2605705	93.91	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	550	Below Cal	Qvalue #	85
15) Benzyl Alcohol	8.57	79	24856	2.142 ng	#	49
19) n-Nitroso-di-n-propylamine	9.21	70	189526	18.584 ng	#	81
54) 2,4-Dinitrophenol	13.30	184	10	7.113 ng		88

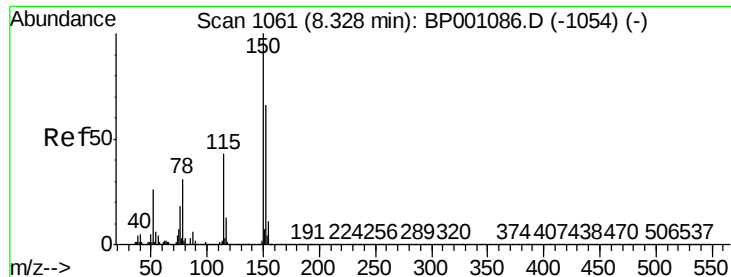
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001107.D

Acq: 28 Nov 2019 04:35

Instrument :

BNA_P

ClientSampleId :

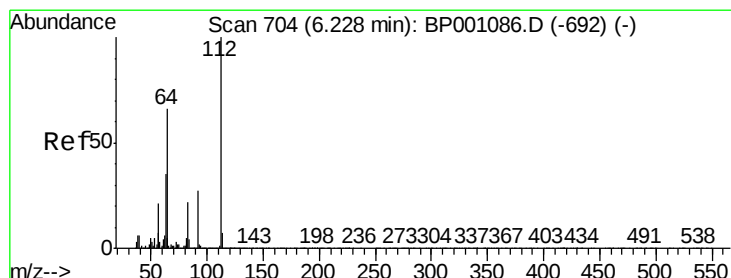
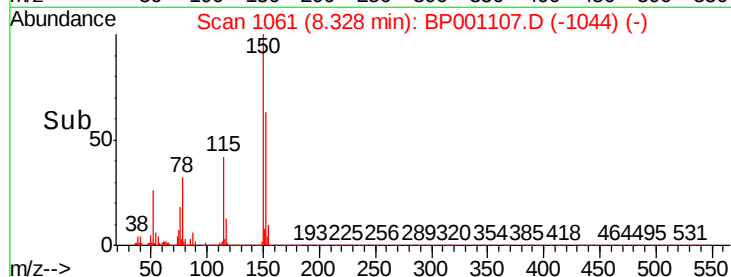
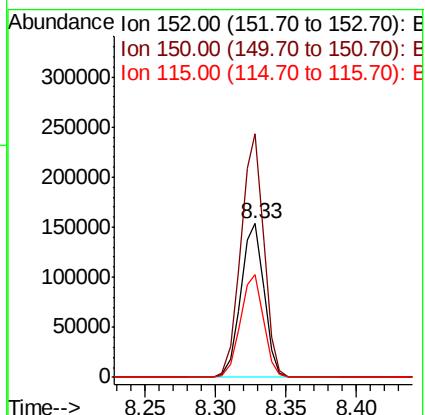
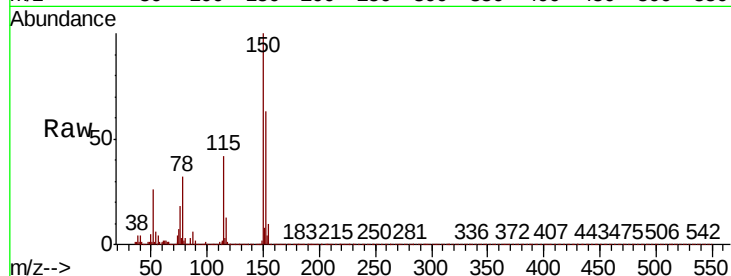
Tot Ion:152 Resp: 176003

Ion Ratio Lower Upper

152 100

150 158.3 120.6 181.0

115 67.1 51.6 77.4



#5

2-Fluorophenol

Concen: 113.410 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

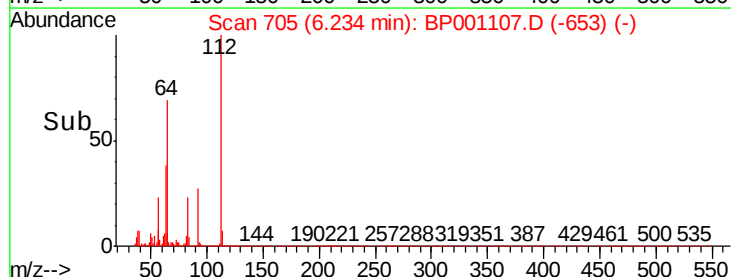
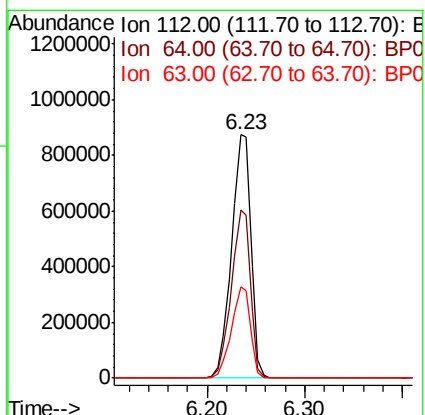
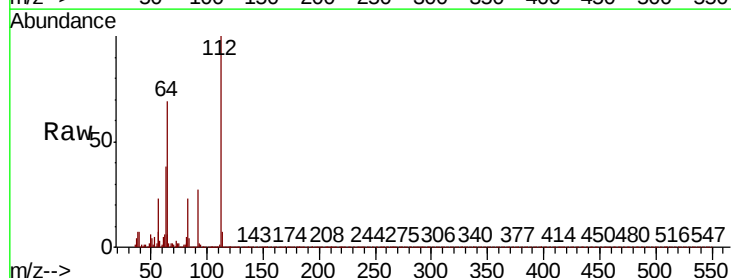
Tgt Ion:112 Resp: 1203106

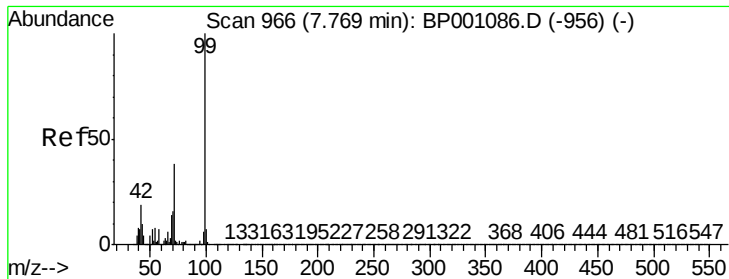
Ion Ratio Lower Upper

112 100

64 69.2 52.8 79.2

63 37.7 28.2 42.2





#7

Phenol-d6

Concen: 84.742 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

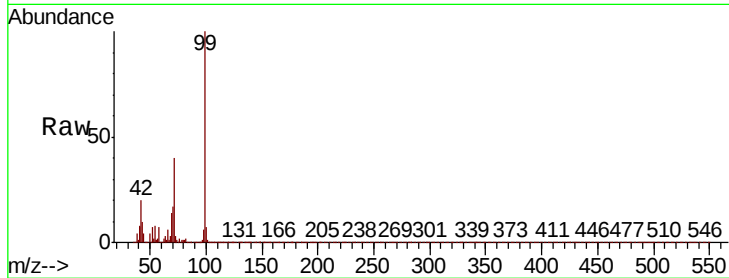
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1197668

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.4	23.0
71	40.1	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

1200000

1000000

800000

600000

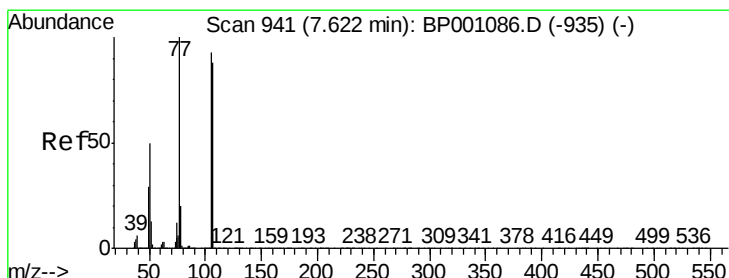
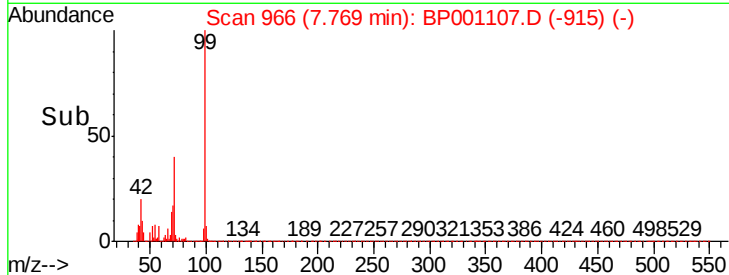
400000

200000

0

7.77

Time-->



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

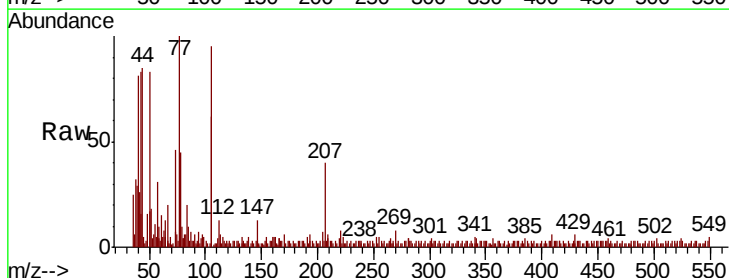
Delta R.T. 0.01 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

Tgt Ion: 77 Resp: 550

Ion	Ratio	Lower	Upper
77	100		
105	95.0	72.5	112.5
106	62.4	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

600

500

400

300

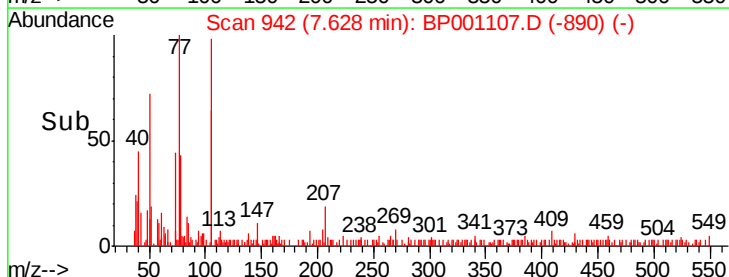
200

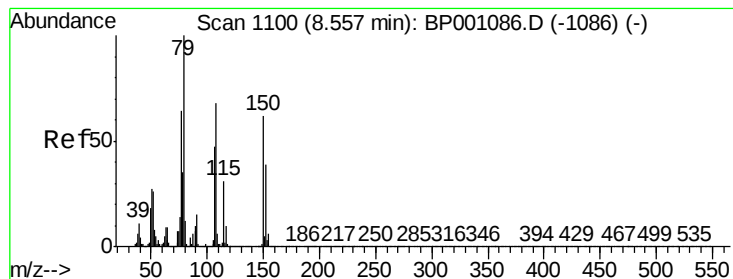
100

0

7.63

Time-->





#15

Benzyl Alcohol

Concen: 2.142 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

Instrument :

BNA_P

ClientSampleId :

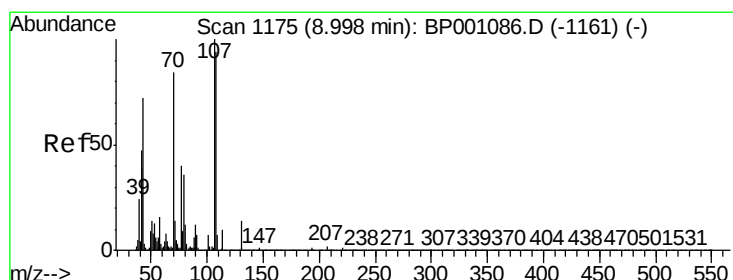
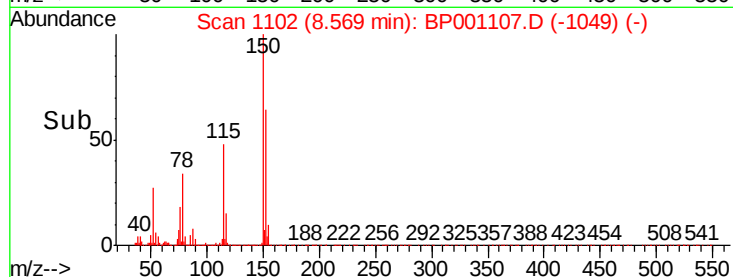
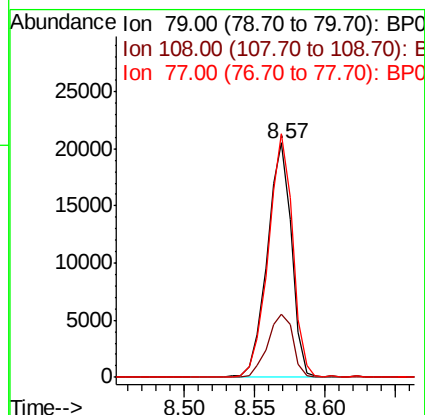
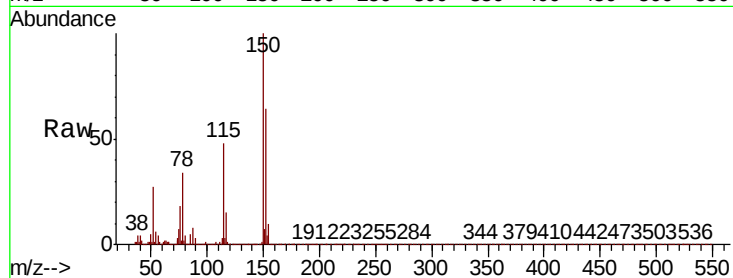
Tot Ion: 79 Resp: 24856

Ion Ratio Lower Upper

79 100

108 26.7 54.8 82.2#

77 104.0 51.4 77.2#



#19

n-Nitroso-di-n-propylamine

Concen: 18.584 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

Tgt Ion: 70 Resp: 189526

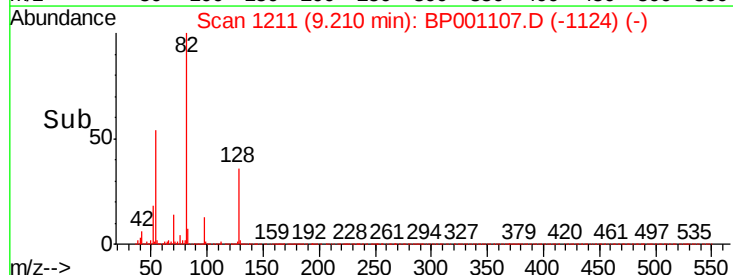
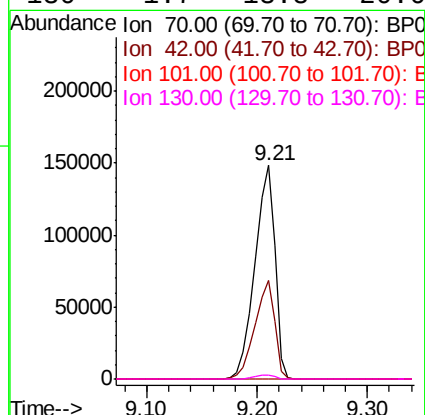
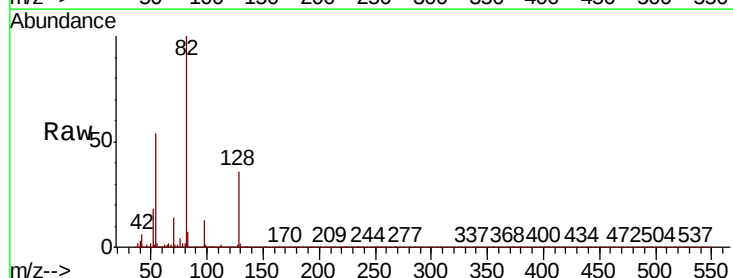
Ion Ratio Lower Upper

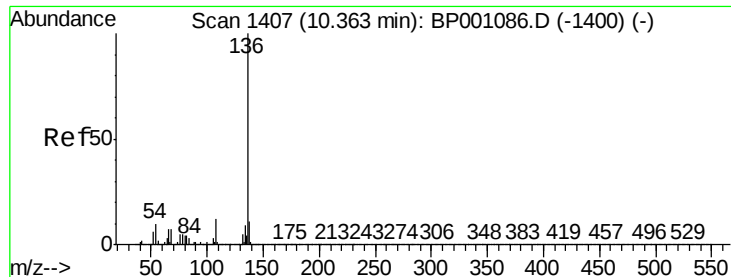
70 100

42 46.2 44.6 66.8

101 0.0 7.1 10.7#

130 1.7 13.8 20.6#

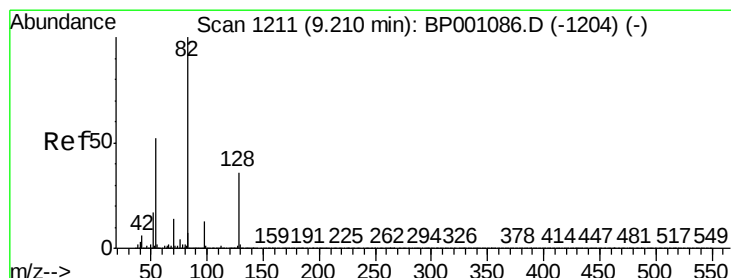
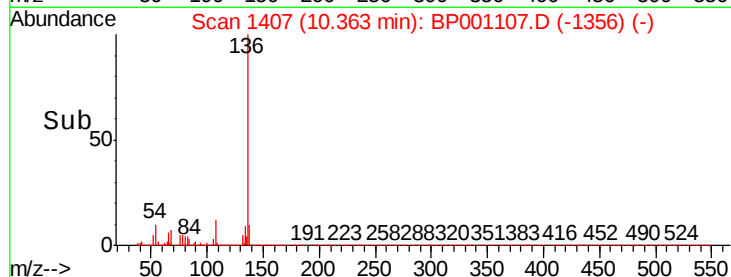
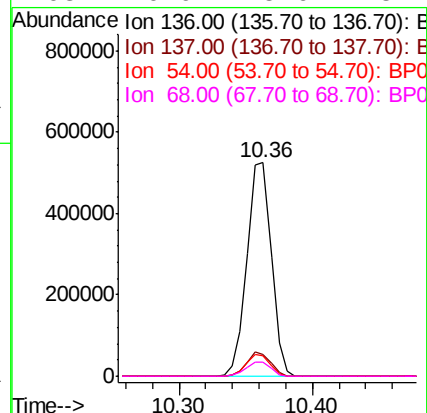
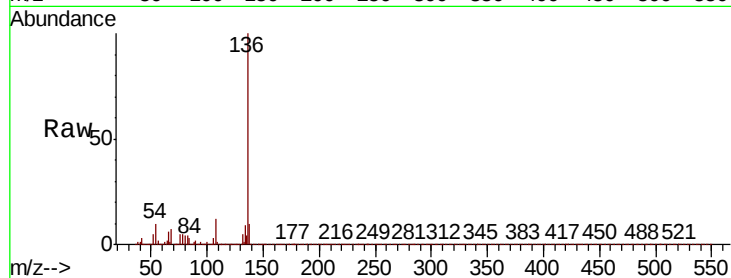




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

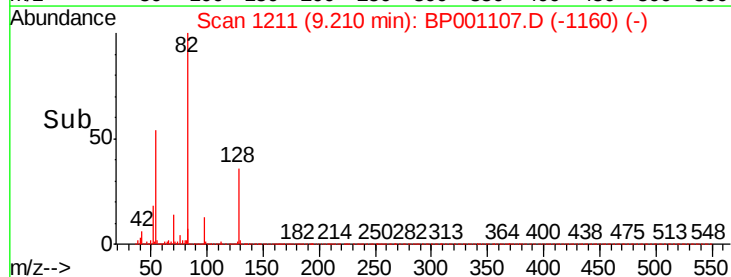
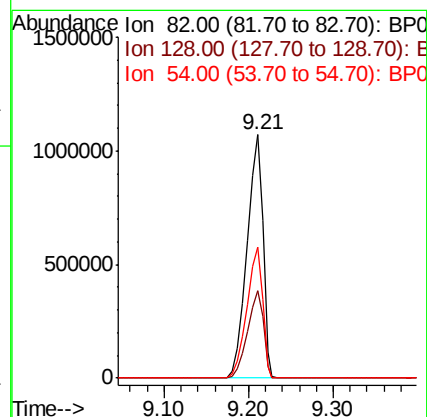
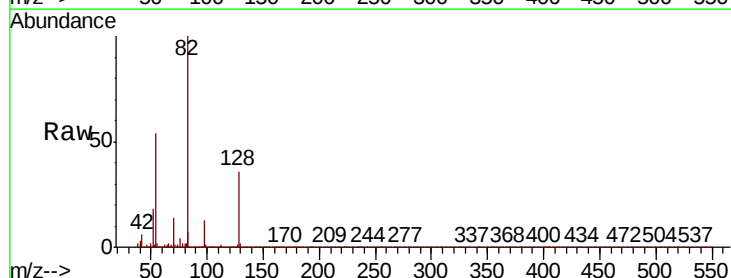
Instrument :
BNA_P
ClientSampleId :

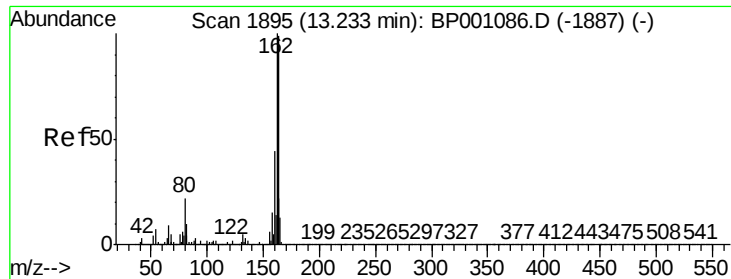
Tot Ion:136	Resp:	662148
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	9.7	7.9 11.9
68	6.9	5.6 8.4



#23
Nitrobenzene-d5
Concen: 89.928 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

Tgt Ion: 82	Resp:	1372474
Ion	Ratio	Lower Upper
82	100	
128	36.2	28.9 43.3
54	54.0	41.9 62.9

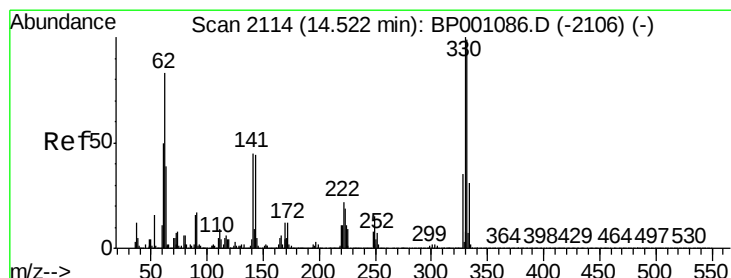
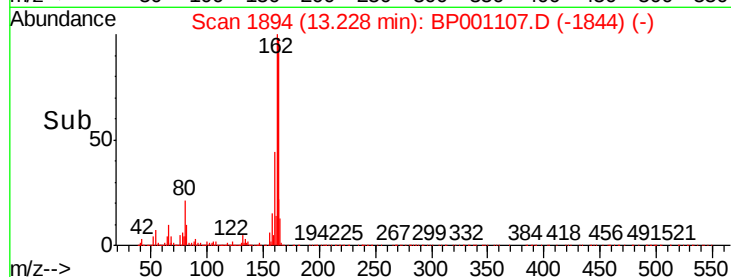
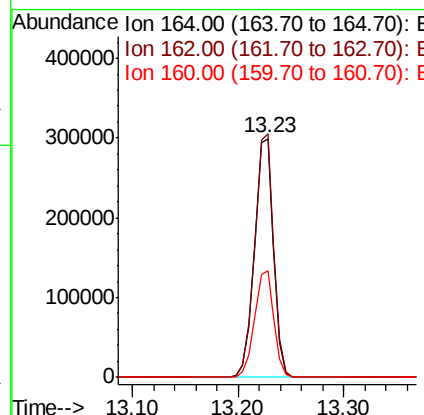
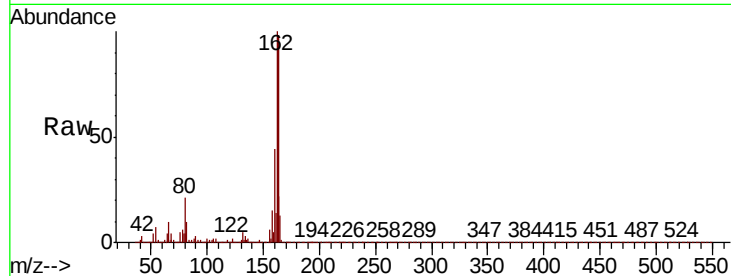




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

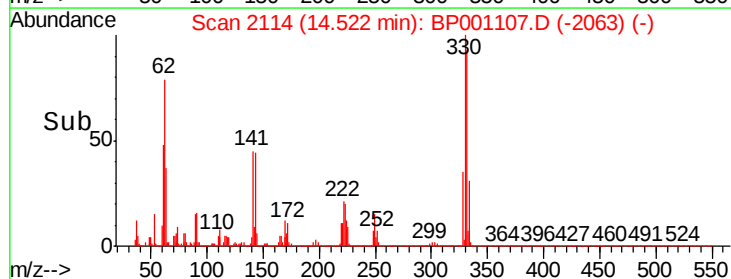
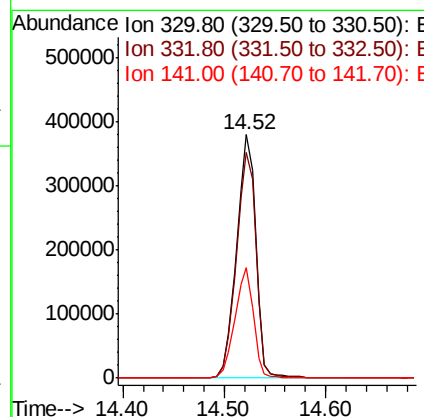
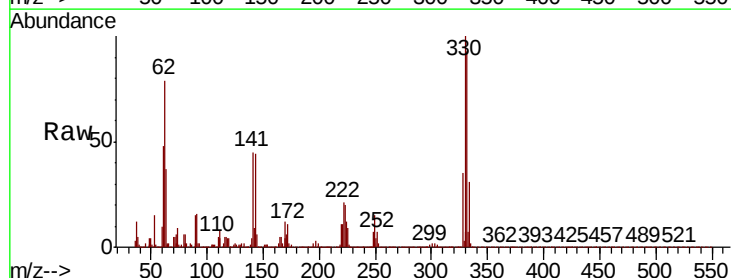
Instrument :
BNA_P
ClientSampleId :

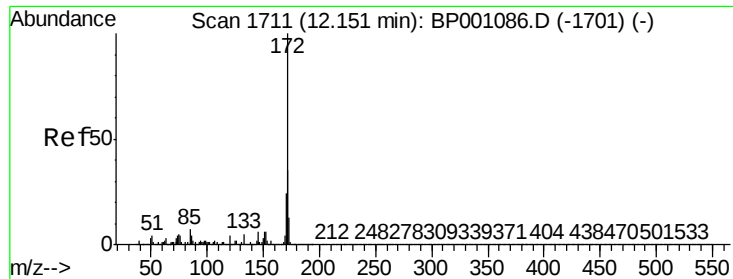
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	44.5	35.4	53.2



#42
2,4,6-Tribromophenol
Concen: 138.957 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.6	116.4
141	43.5	34.2	51.2

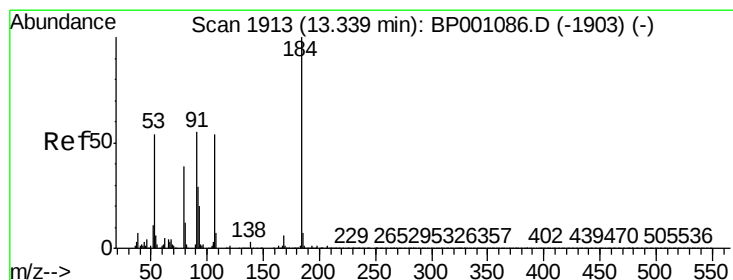
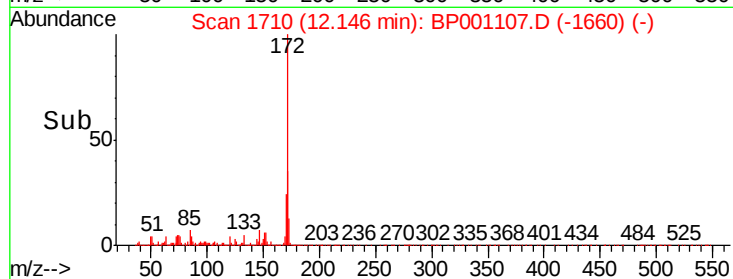
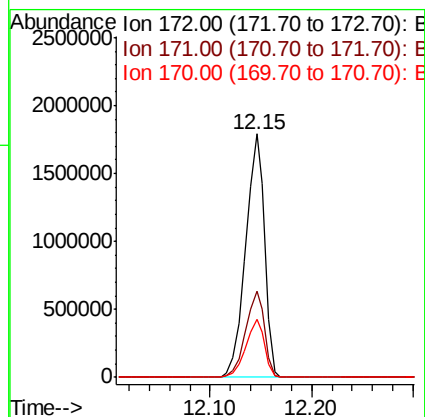
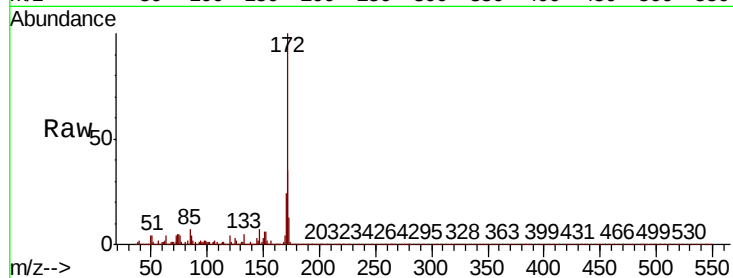




#45
2-Fluorobiphenyl
Concen: 89.279 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

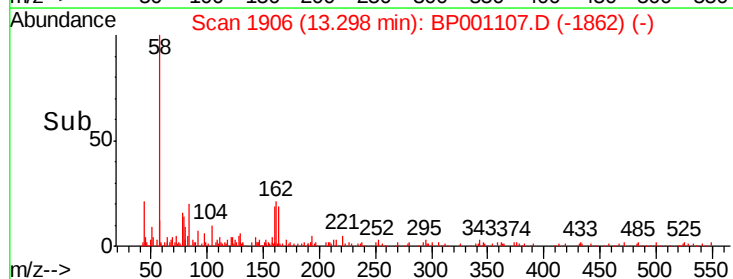
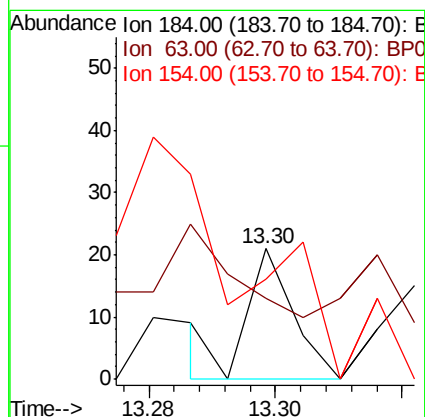
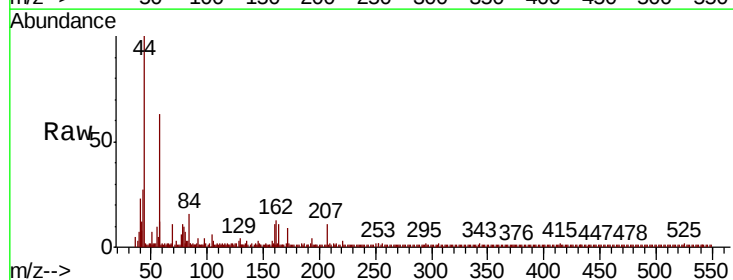
Instrument :
BNA_P
ClientSampleId :

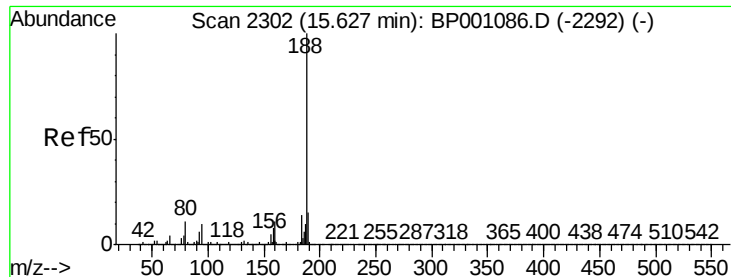
Tot Ion:172 Resp: 2305576
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.9 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.113 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.04 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 61.9 60.7 91.1
154 76.2 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: BP001107.D

Acq: 28 Nov 2019 04:35

Instrument :

BNA_P

ClientSampleId :

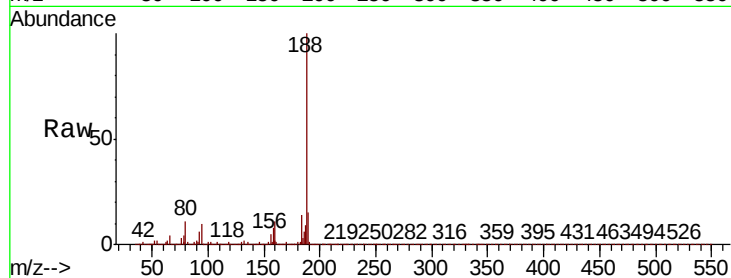
Tot Ion:188 Resp: 704292

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

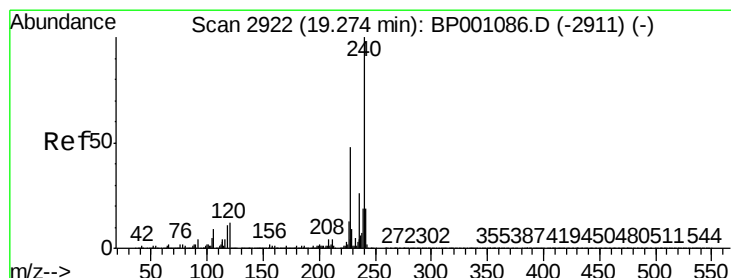
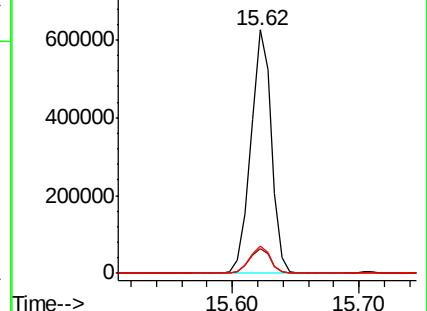
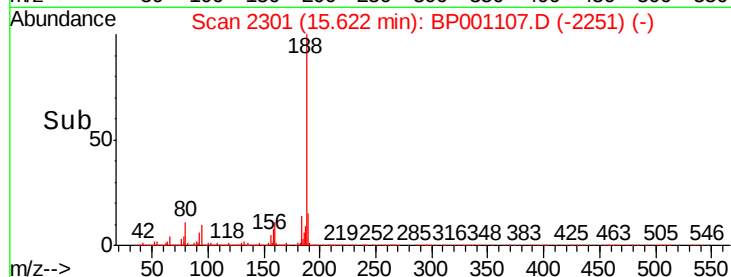
80 11.1 8.8 13.2



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: BP001107.D

Acq: 28 Nov 2019 04:35

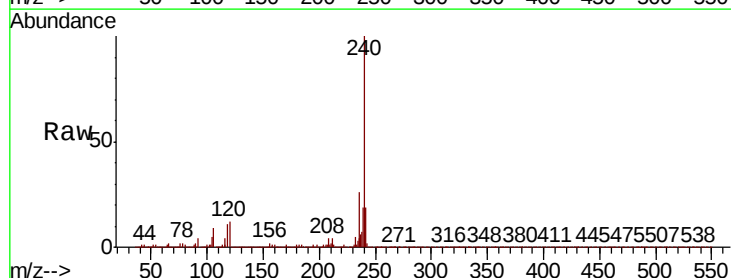
Tgt Ion:240 Resp: 513369

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

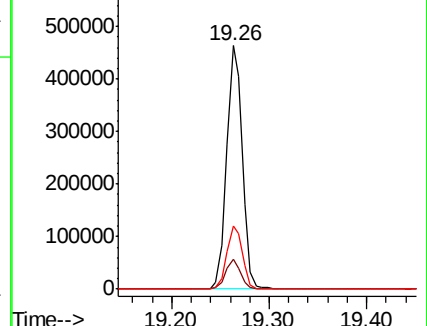
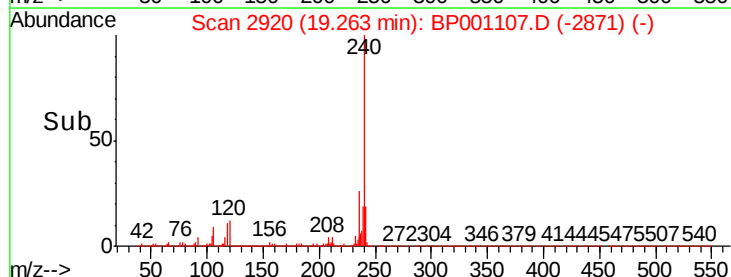
236 26.1 20.4 30.6

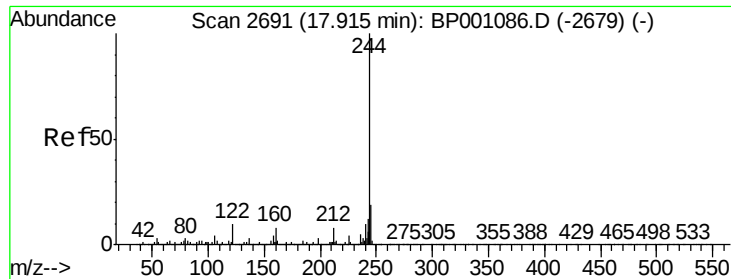


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

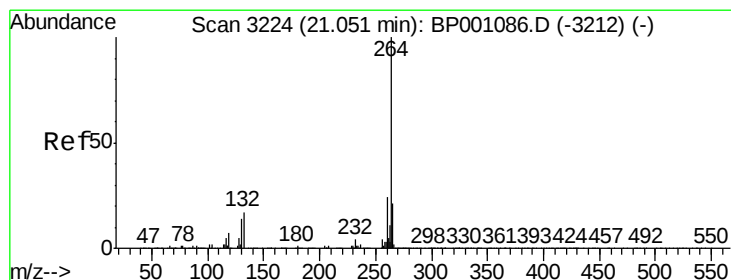
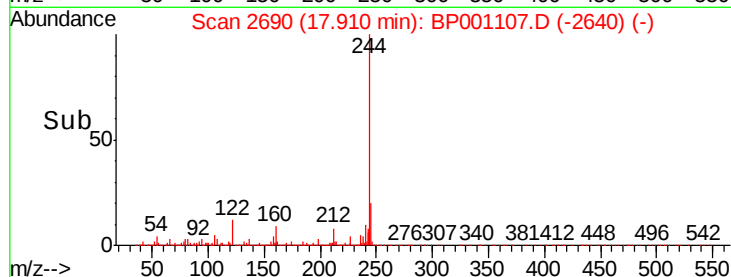
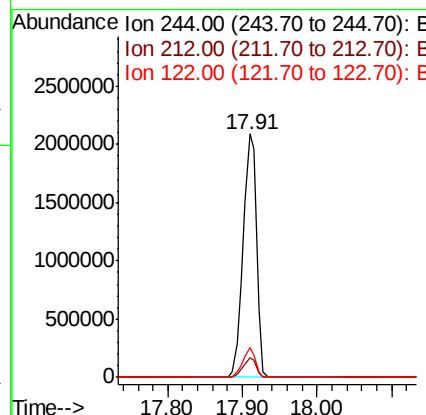
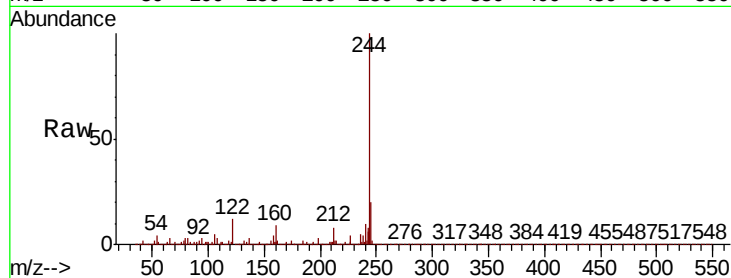




#79
 Terphenyl-d14
 Concen: 93.905 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001107.D
 Acq: 28 Nov 2019 04:35

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2605705
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 12.2 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BP001107.D
 Acq: 28 Nov 2019 04:35

Tgt Ion:264 Resp: 532135
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.8 16.9 25.3

