

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 :
 PB125122BL

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

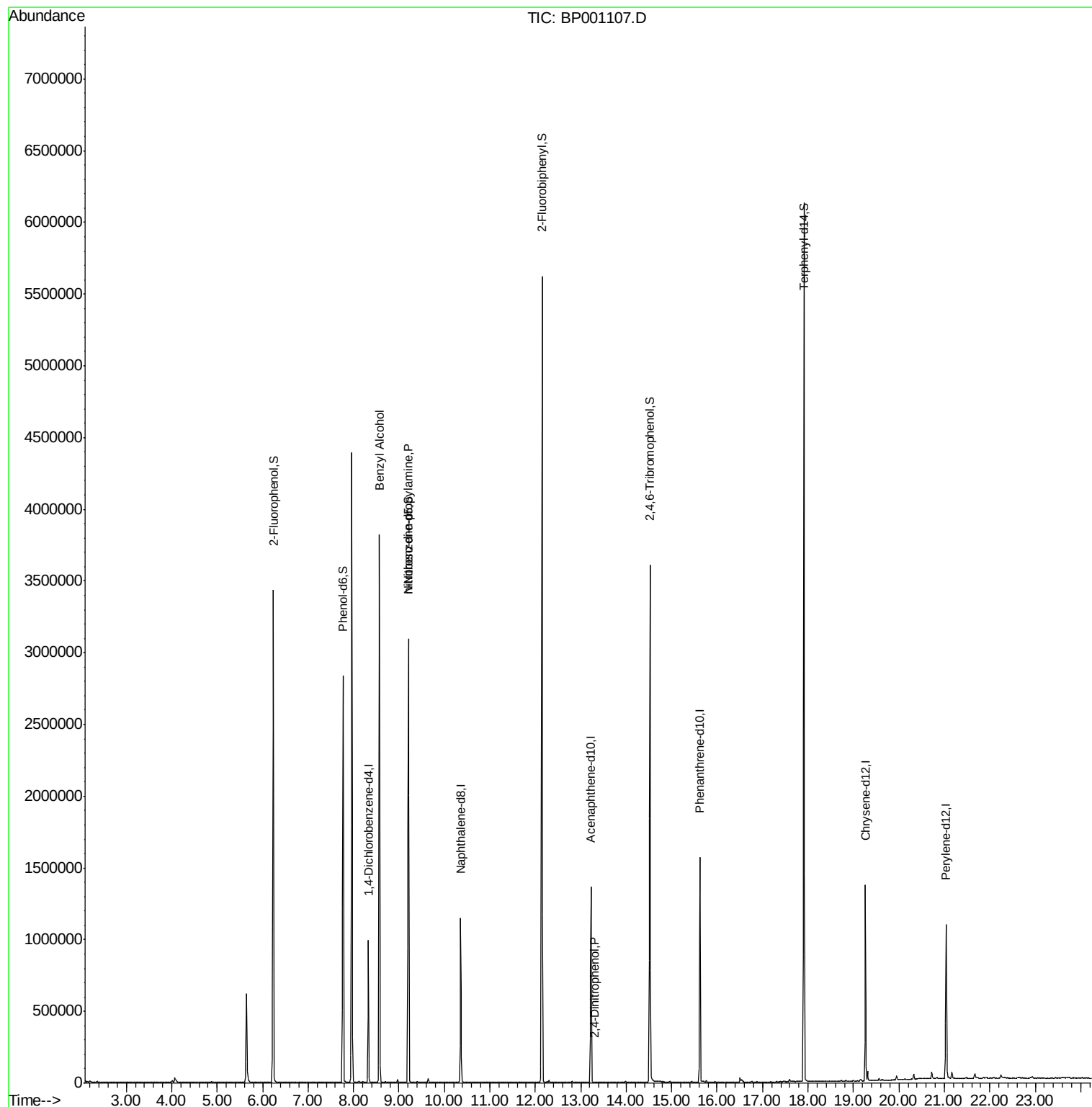
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	176003	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	662148	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	377960	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	704292	20.00	ng	0.00
76) Chrysene-d12	19.26	240	513369	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

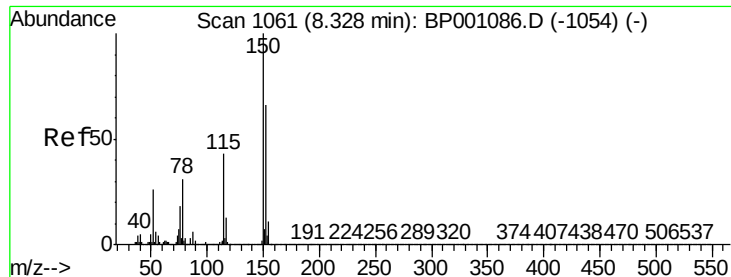
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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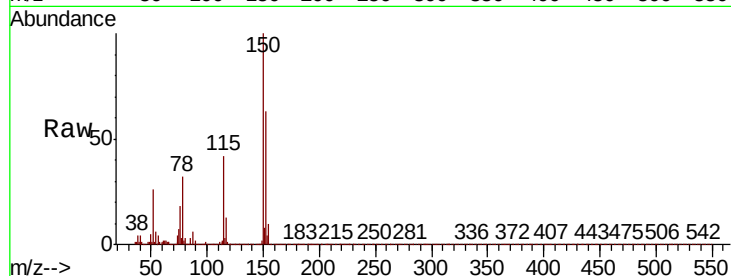
Tot Ion:152 Resp: 176003

Ion Ratio Lower Upper

152 100

150 158.3 120.6 181.0

115 67.1 51.6 77.4

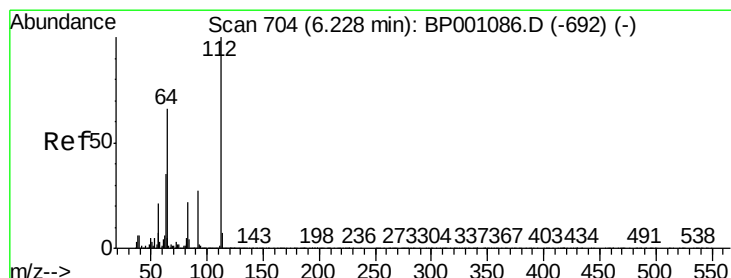
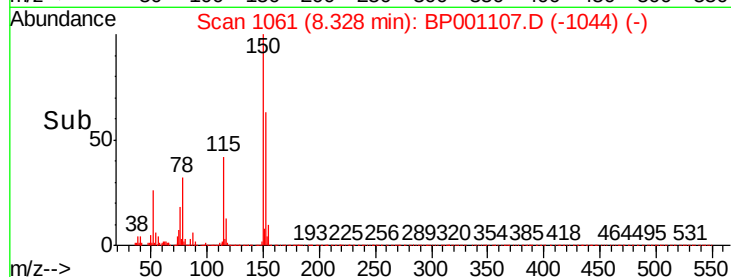
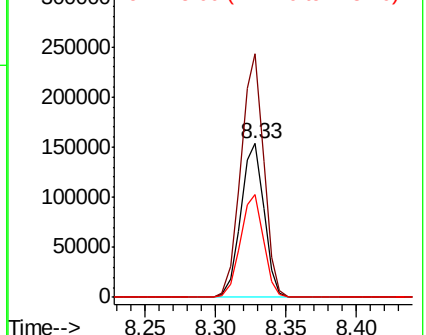


Abundance

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: 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

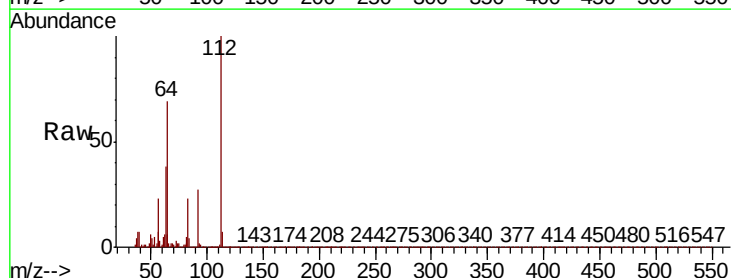
Tgt Ion:112 Resp: 1203106

Ion Ratio Lower Upper

112 100

64 69.2 52.8 79.2

63 37.7 28.2 42.2

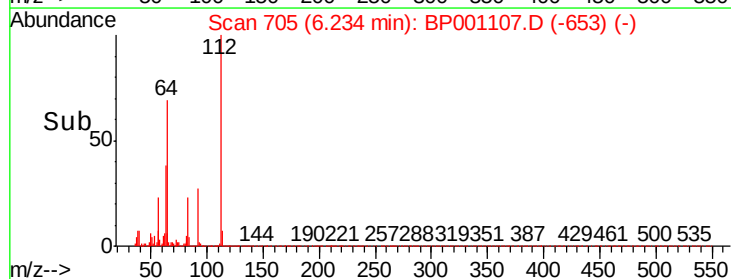
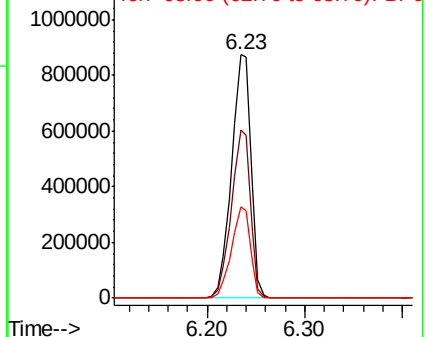


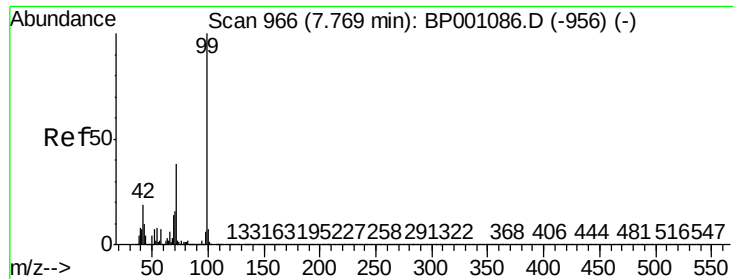
Abundance

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: 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 :

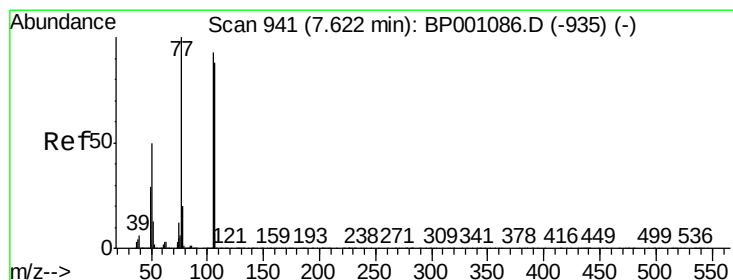
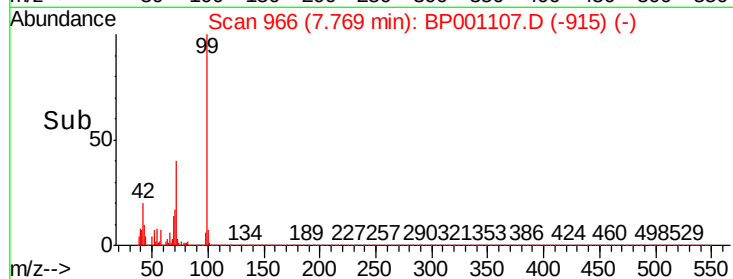
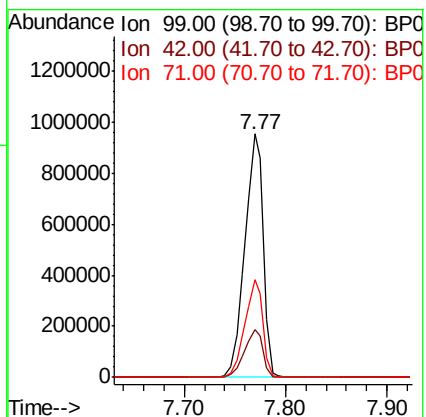
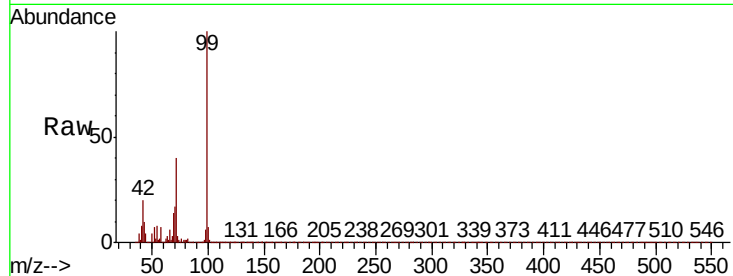
BNA_P

ClientSampleId :

PB125122BL

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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

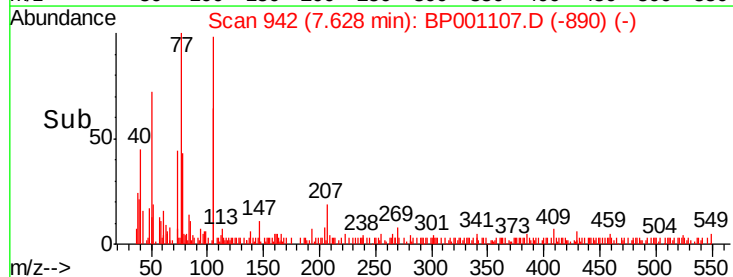
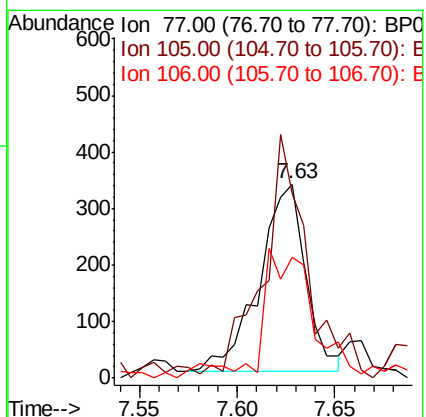
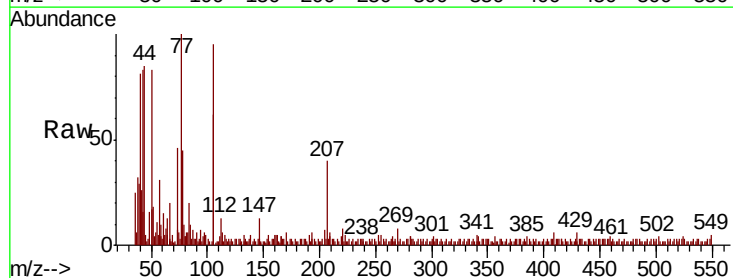
Delta R.T. 0.01 min

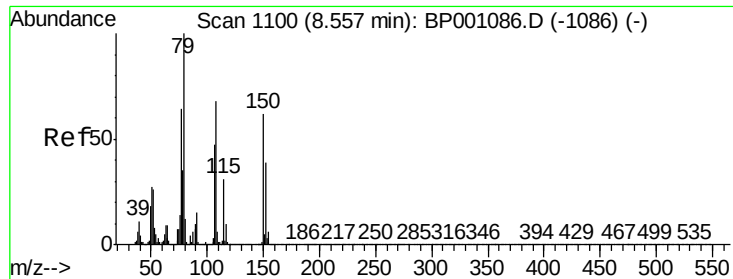
Lab File: BP001107.D

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

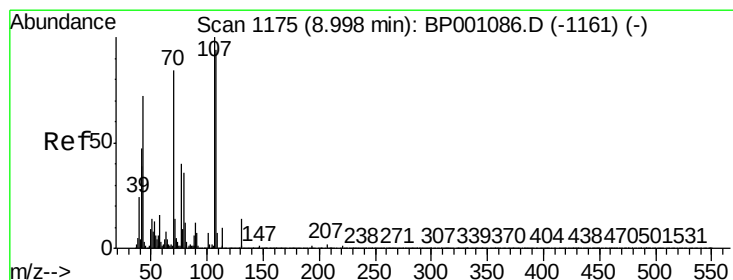
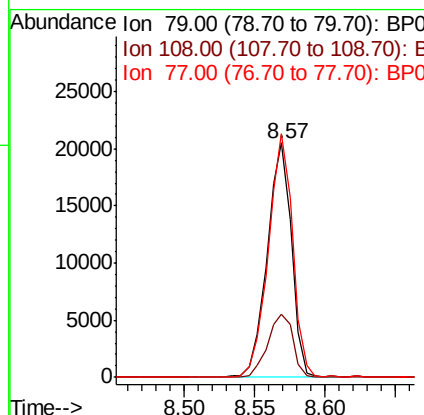
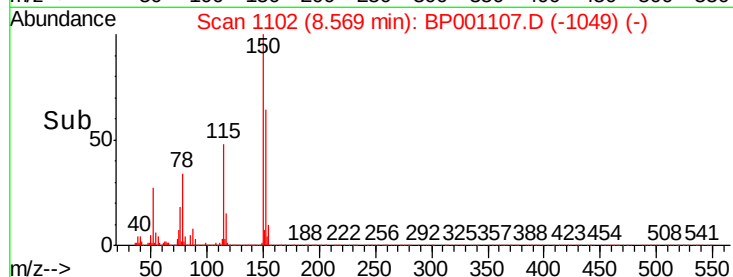
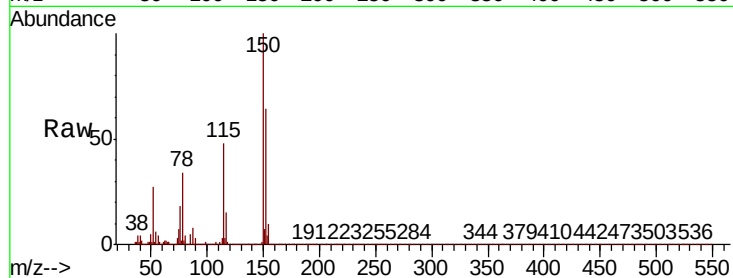




#15
Benzyl Alcohol
Concen: 2.142 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

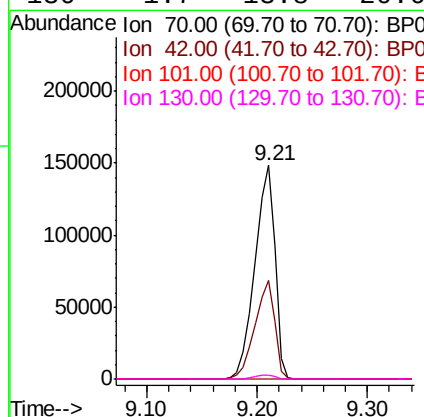
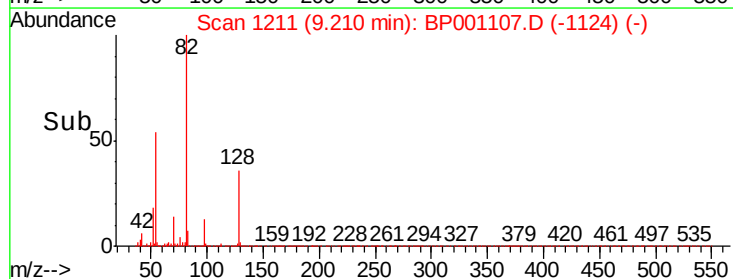
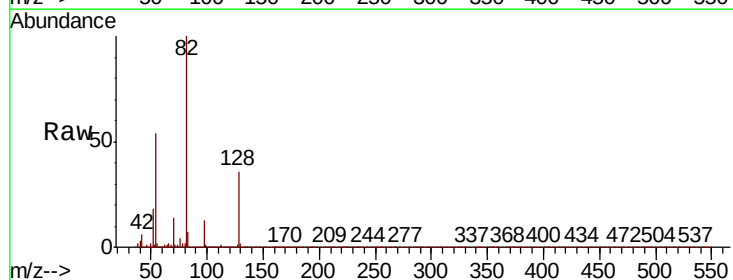
Instrument :
BNA_P
ClientSampleId :
PB125122BL

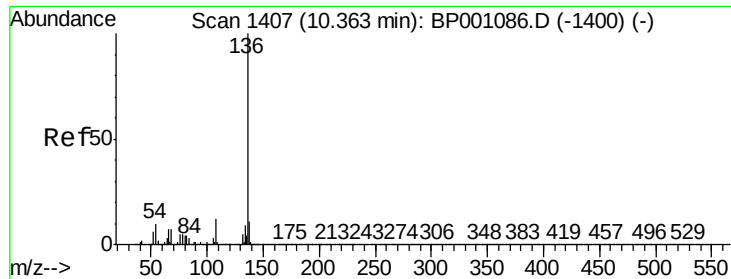
Tot Ion	Ratio	Lower	Upper
79	100		
108	26.7	54.8	82.2#
77	104.0	51.4	77.2#



#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	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#

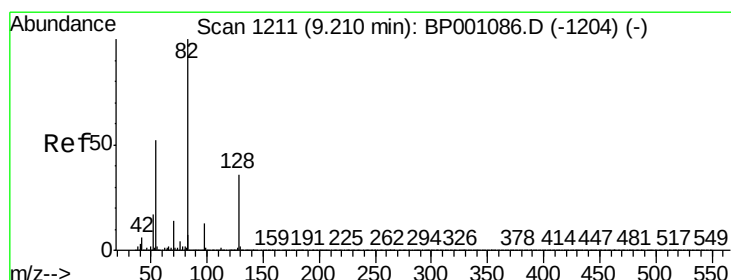
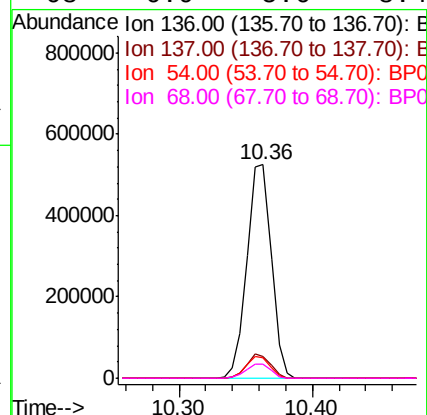
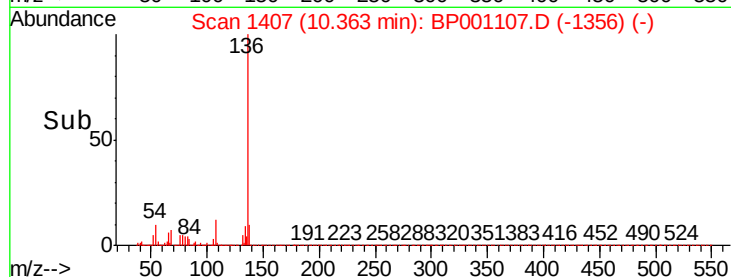
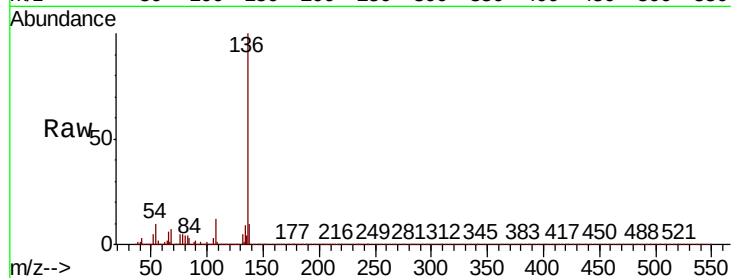




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

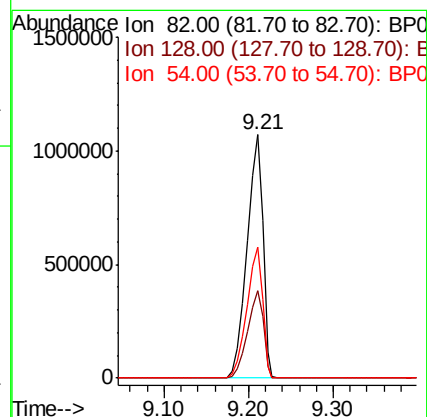
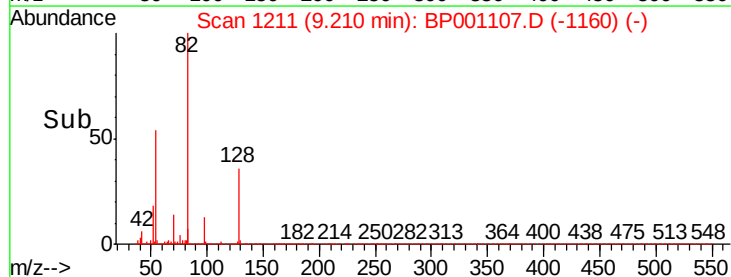
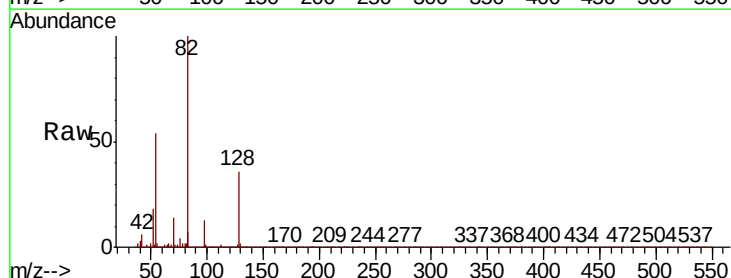
Instrument :
BNA_P
ClientSampleId :
PB125122BL

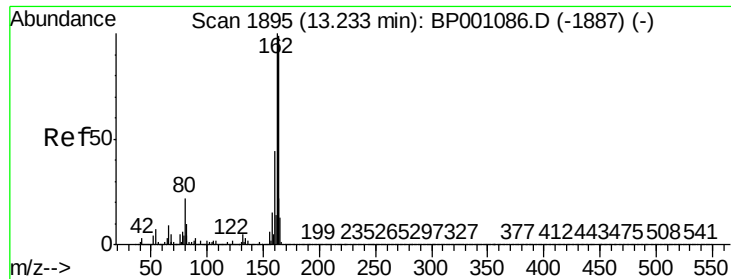
Tot Ion:136	Resp: 662148
Ion Ratio	Lower Upper
136 100	
137 10.4	8.8 13.2
54 9.7	7.9 11.9
68 6.9	5.6 8.4



#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 :

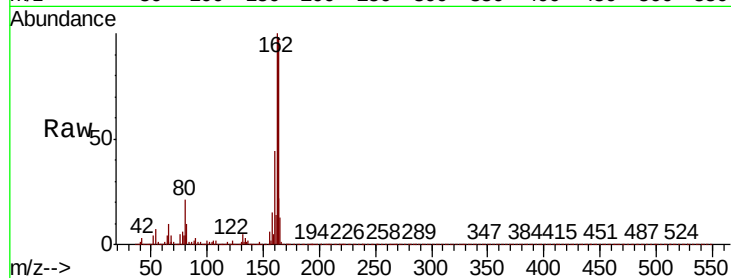
BNA_P

ClientSampleId :

PB125122BL

Tot Ion:164 Resp: 377960

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

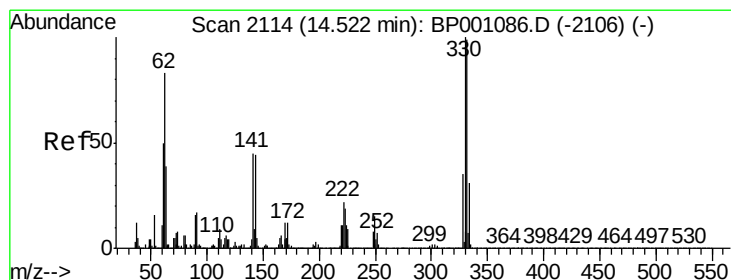
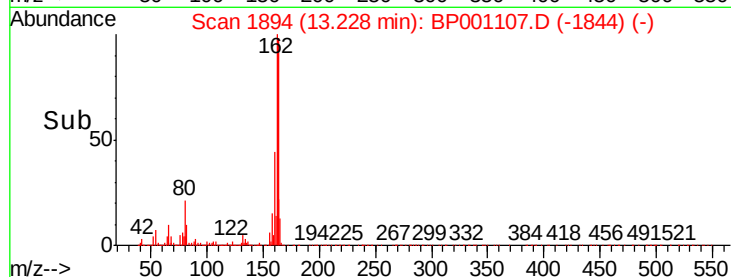
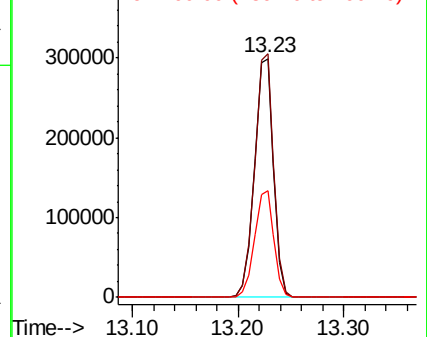


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 138.957 ng

RT: 14.52 min Scan# 2114

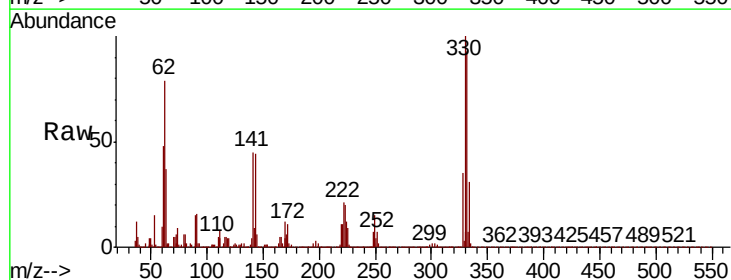
Delta R.T. 0.00 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

Tgt Ion:330 Resp: 503407

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

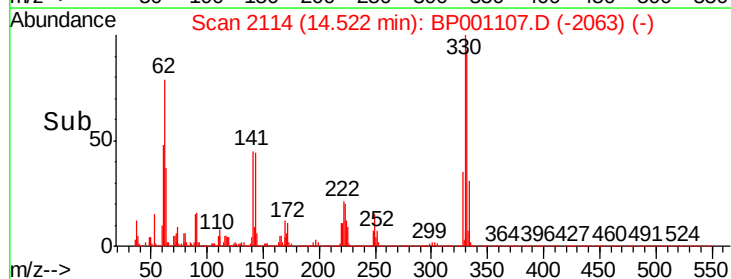
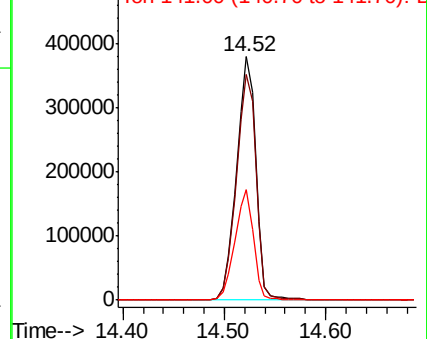


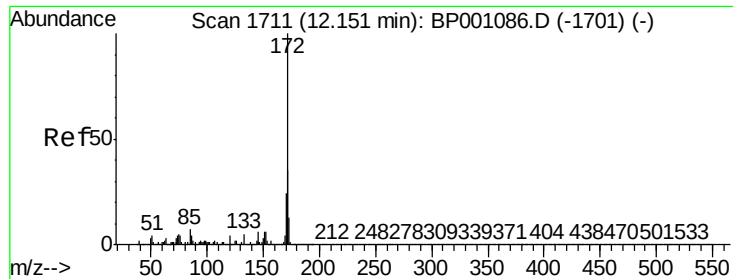
Abundance

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

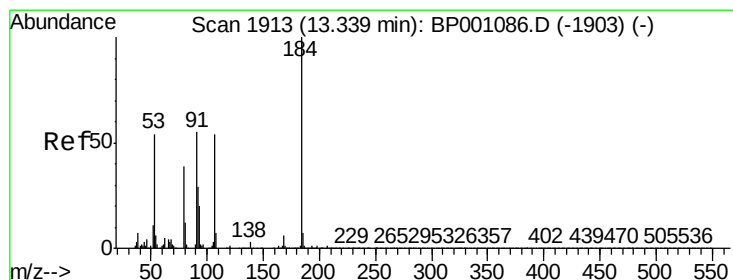
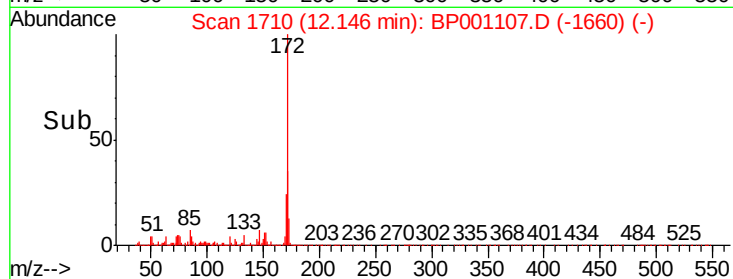
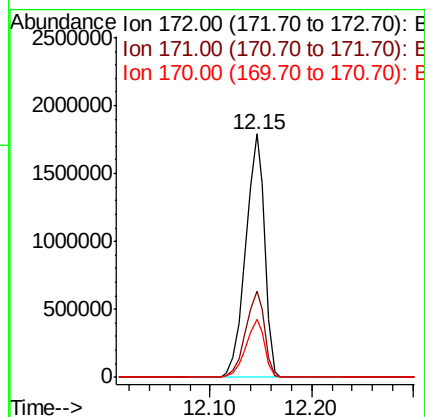
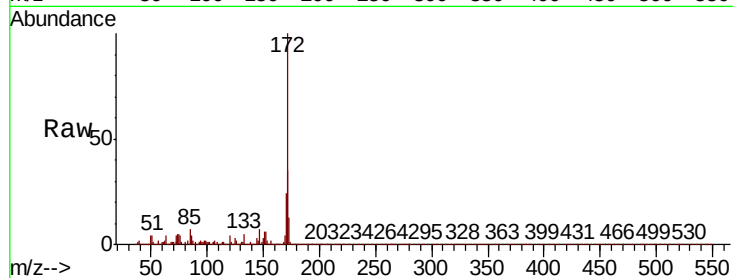




#45
2-Fluorobiphenyl
Concen: 89.279 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001107.D
Acq: 28 Nov 2019 04:35

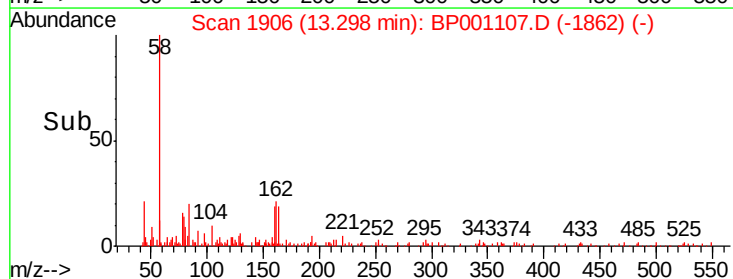
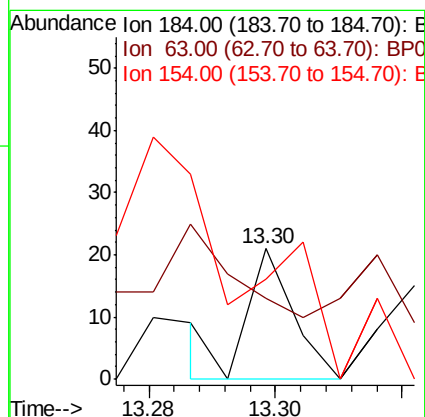
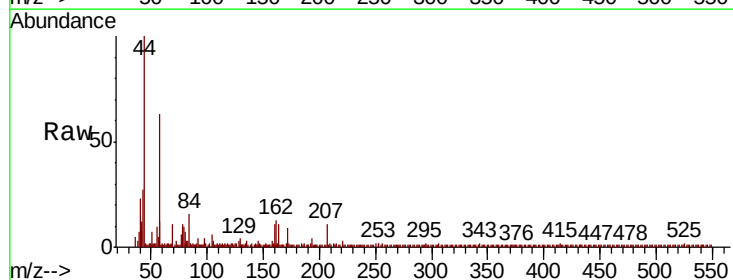
Instrument :
BNA_P
ClientSampleId :
PB125122BL

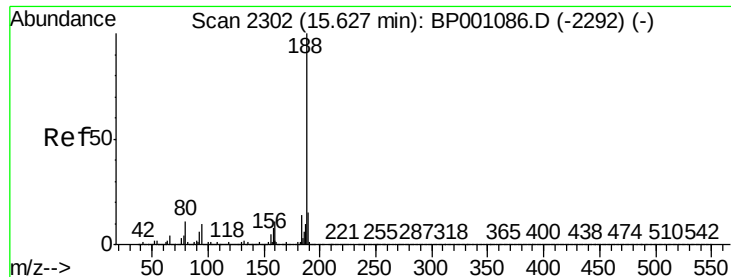
Tot Ion:172 Resp: 2305576
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.9 19.0 28.4



#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 :

PB125122BL

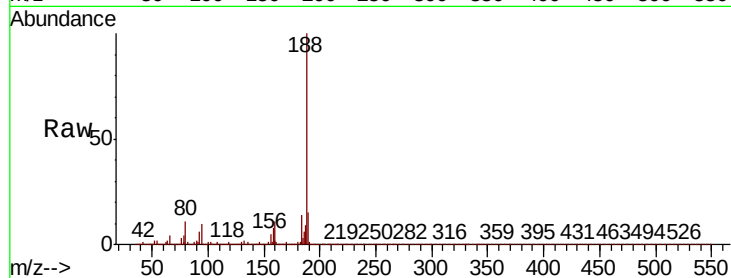
Tot Ion:188 Resp: 704292

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

800000

600000

400000

200000

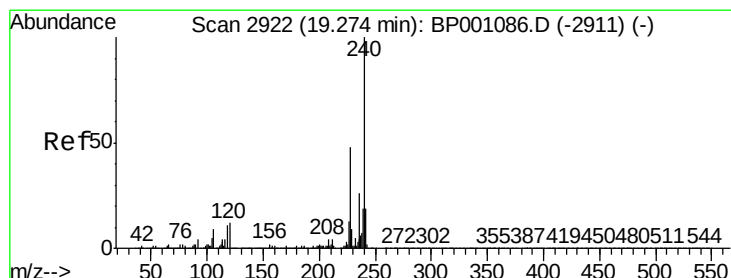
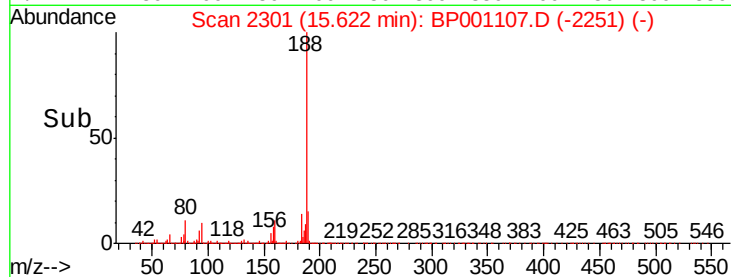
0

15.62

15.60

15.70

Time-->



#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

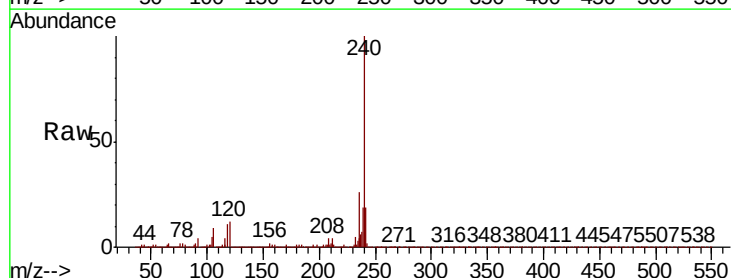
Tgt Ion:240 Resp: 513369

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

600000

500000

400000

300000

200000

100000

0

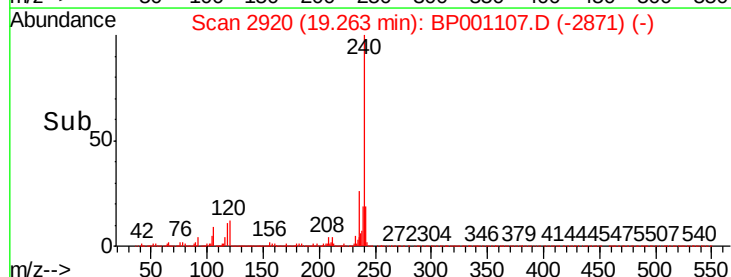
19.26

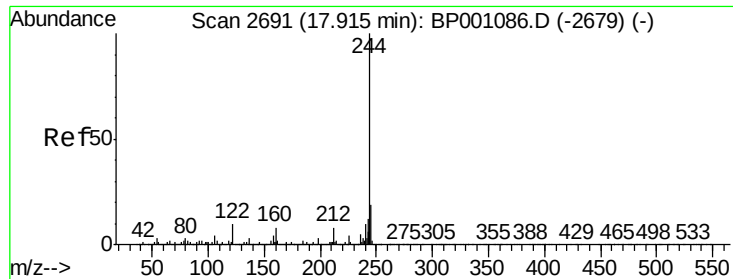
19.20

19.30

19.40

Time-->





#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

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BNA_P

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PB125122BL

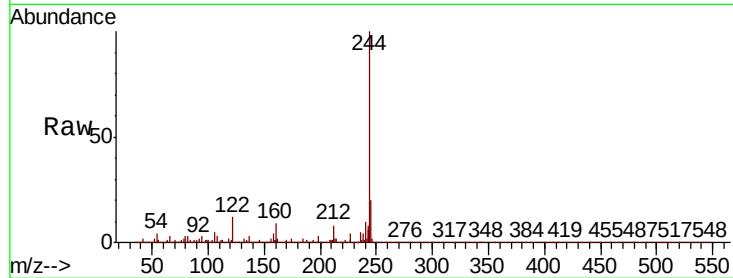
Tot Ion:244 Resp: 2605705

Ion Ratio Lower Upper

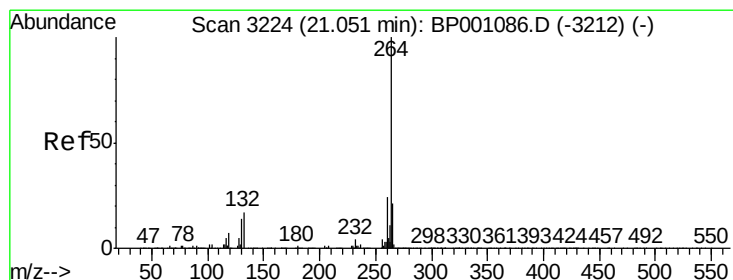
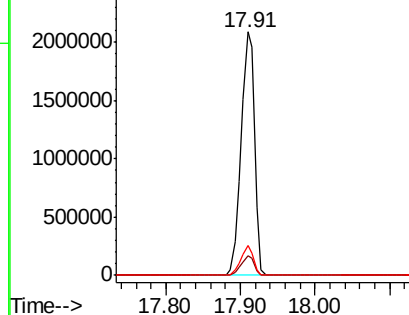
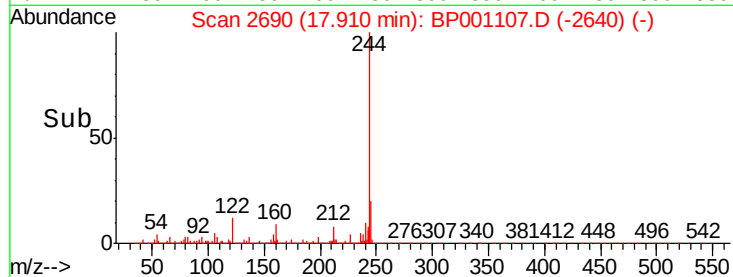
244 100

212 8.2 6.2 9.2

122 12.2 8.2 12.2



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# 3222

Delta R.T. -0.01 min

Lab File: BP001107.D

Acq: 28 Nov 2019 04:35

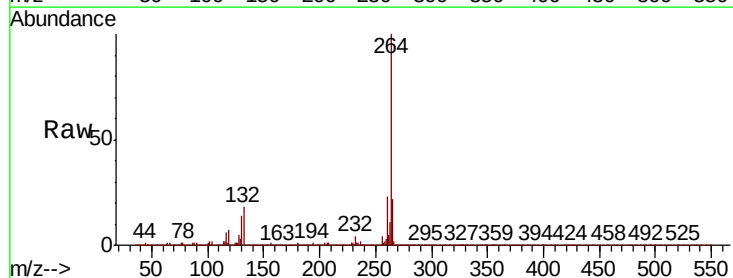
Tgt Ion:264 Resp: 532135

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.8 16.9 25.3



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

