

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001126.D
 Acq On : 02 Dec 2019 15:15
 Operator : JU
 Sample : PB125106BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 02 15:51:36 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

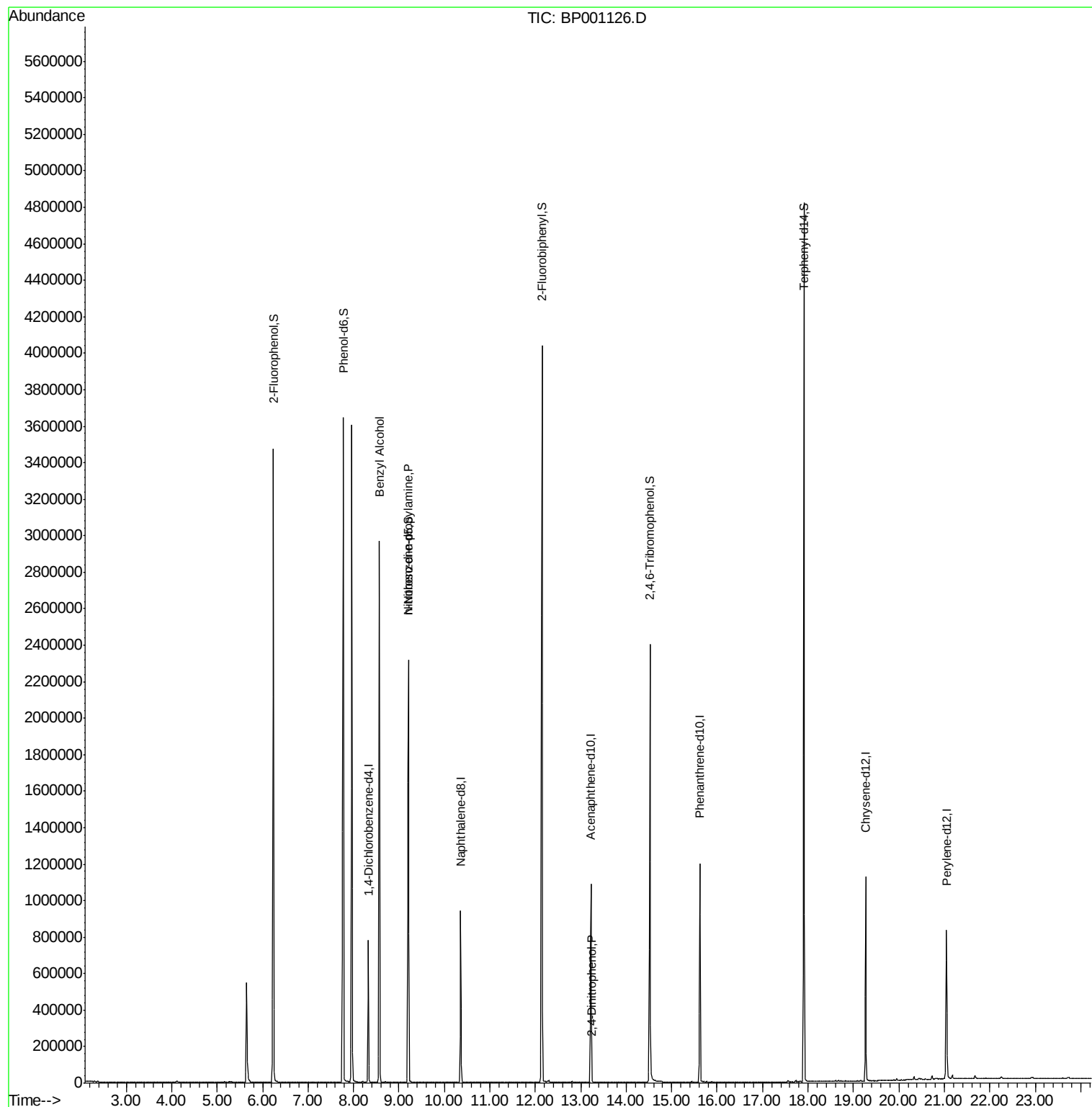
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	140376	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	520100	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	288679	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	544949	20.00	ng	0.00
76) Chrysene-d12	19.27	240	408886	20.00	ng	0.00
87) Perylene-d12	21.04	264	419667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1168799	138.14	ng	0.01
7) Phenol-d6	7.77	99	1578040	139.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	1039585	86.72	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	342071	123.63	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1707812	86.58	ng	0.00
79) Terphenyl-d14	17.91	244	1926834	87.18	ng	0.00
Target Compounds						
9) Benzaldehyde	7.77	77	2862	Below Cal	Qvalue	# 6
15) Benzyl Alcohol	8.56	79	18927	2.045 ng	#	53
19) n-Nitroso-di-n-propylamine	9.20	70	143587	17.653 ng	#	82
54) 2,4-Dinitrophenol	13.26	184	7	7.112 ng		90

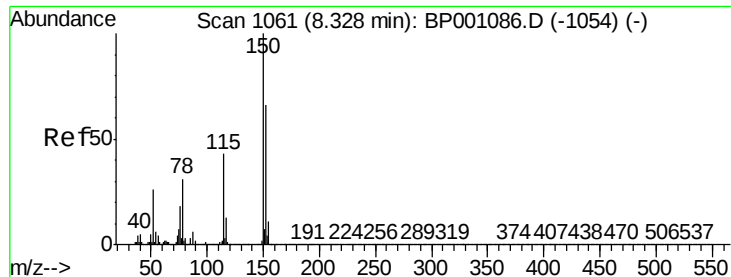
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001126.D
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ALS Vial : 7 Sample Multiplier: 1

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BNA_P
ClientSampleId :

Quant Time: Dec 02 15:51:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

Instrument :

BNA_P

ClientSampleId :

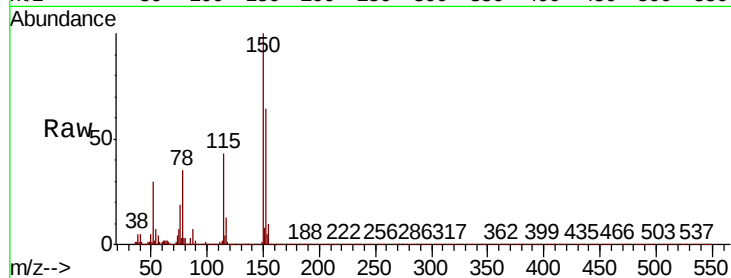
Tot Ion:152 Resp: 140376

Ion Ratio Lower Upper

152 100

150 156.3 120.6 181.0

115 68.0 51.6 77.4

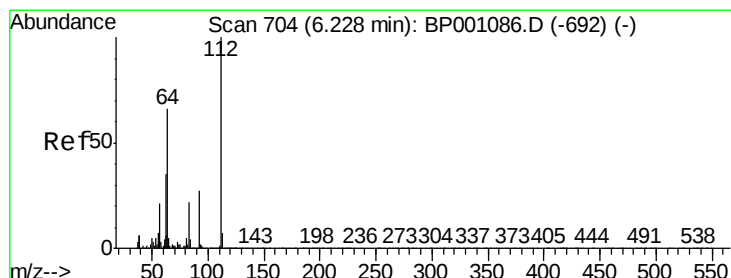
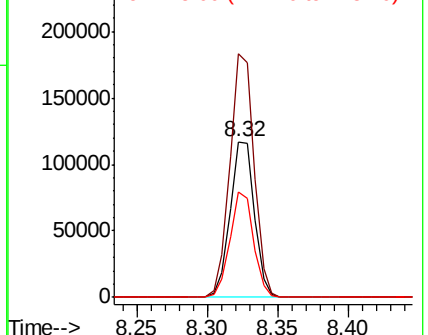
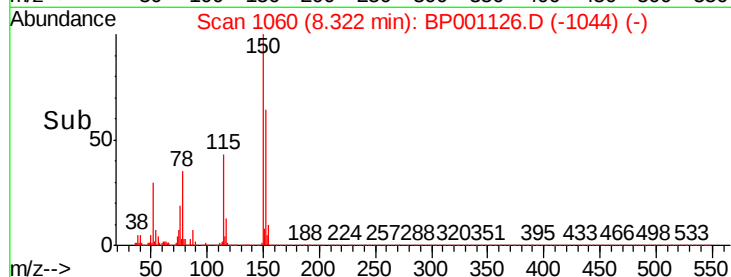


Abundance

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: 138.138 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

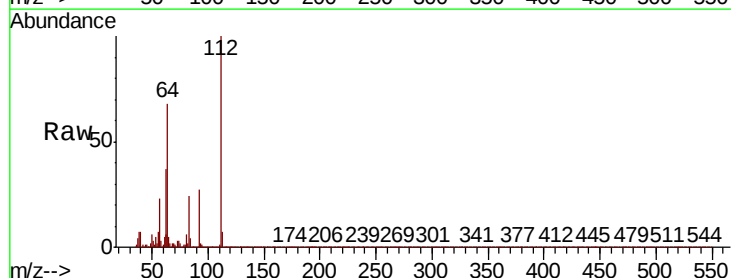
Tgt Ion:112 Resp: 1168799

Ion Ratio Lower Upper

112 100

64 68.3 52.8 79.2

63 37.1 28.2 42.2

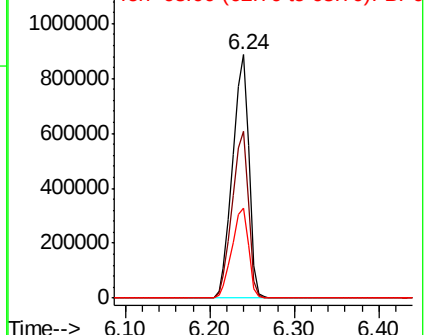
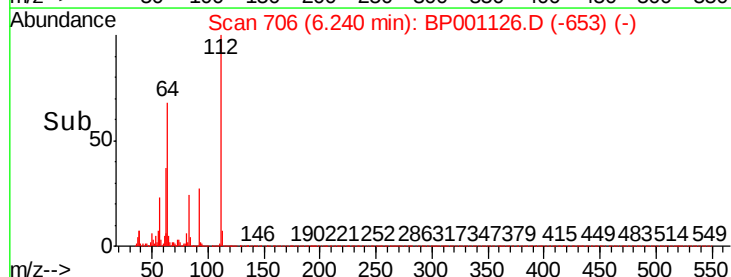


Abundance

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: 139.994 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

Instrument :

BNA_P

ClientSampleId :

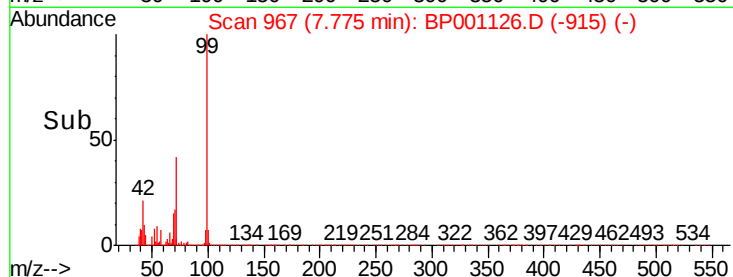
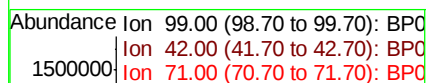
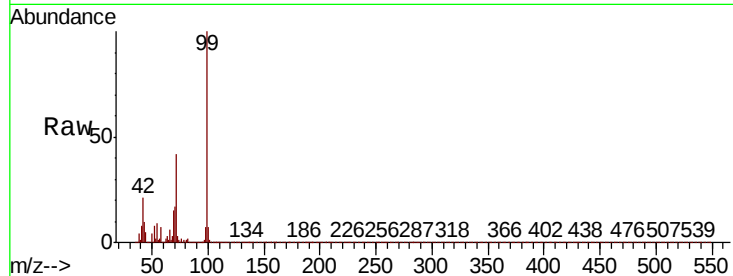
Tot Ion: 99 Resp: 1578040

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.4	23.0
71	42.3	30.8	46.2

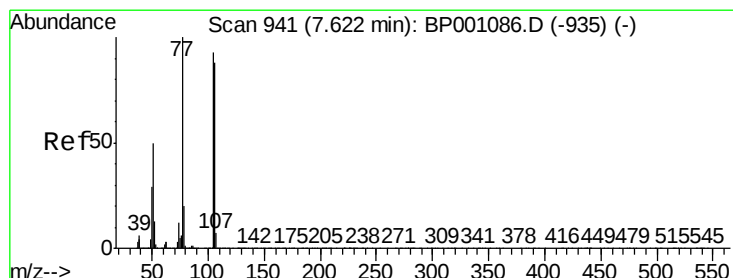
99 100

42 20.9 15.4 23.0

71 42.3 30.8 46.2



Time-->



#9

Benzaldehyde

Concen: Below Cal

RT: 7.77 min Scan# 967

Delta R.T. 0.15 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

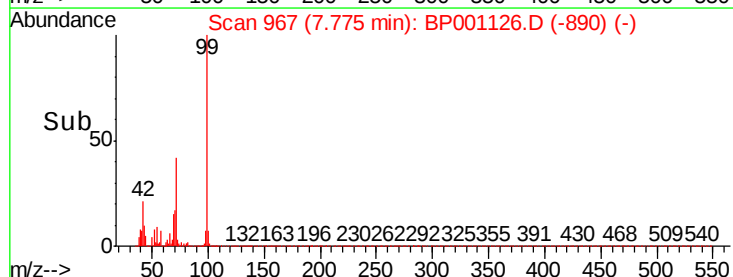
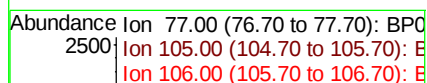
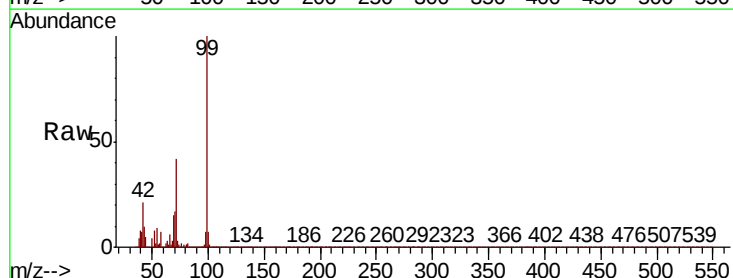
Tgt Ion: 77 Resp: 2862

Ion	Ratio	Lower	Upper
77	100		
105	2.7	72.5	112.5#
106	0.5	67.6	107.6#

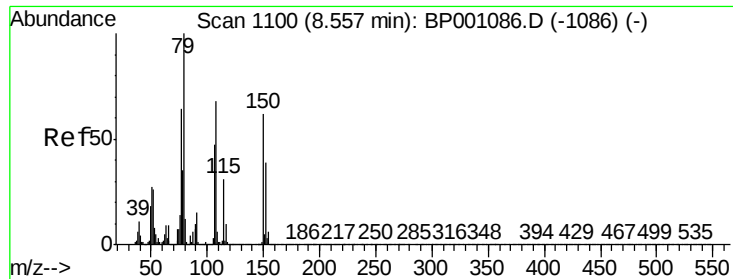
77 100

105 2.7 72.5 112.5#

106 0.5 67.6 107.6#



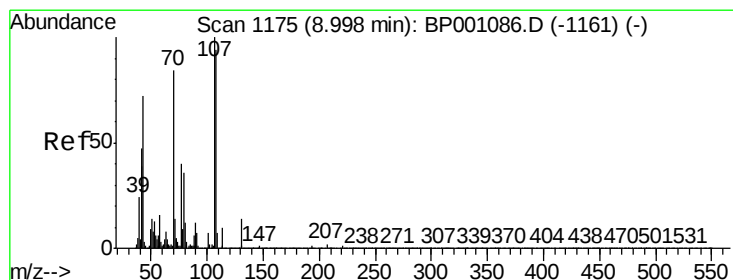
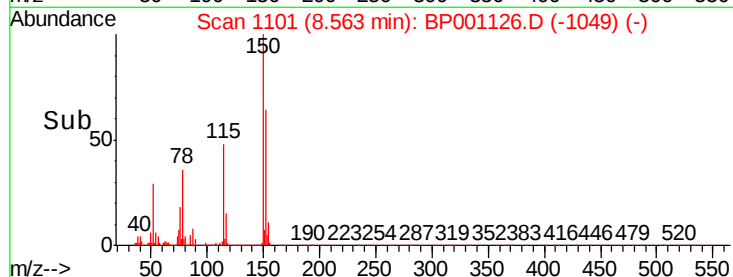
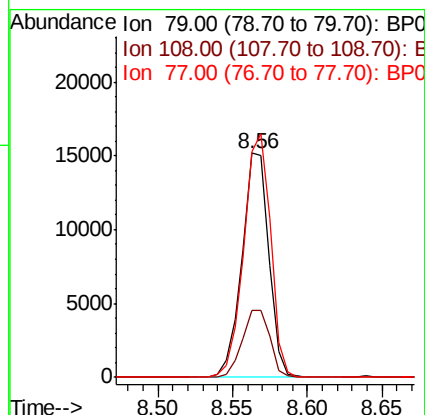
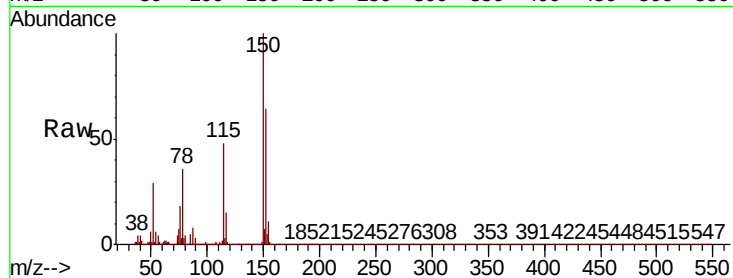
Time-->



#15
Benzyl Alcohol
Concen: 2.045 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

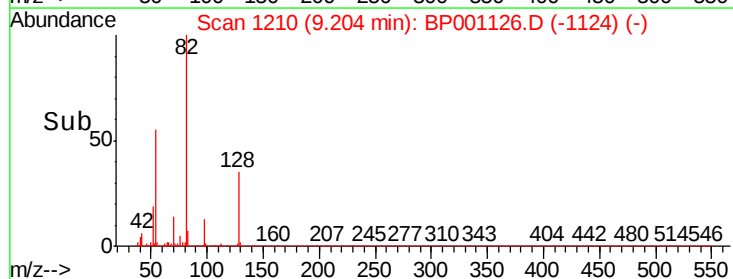
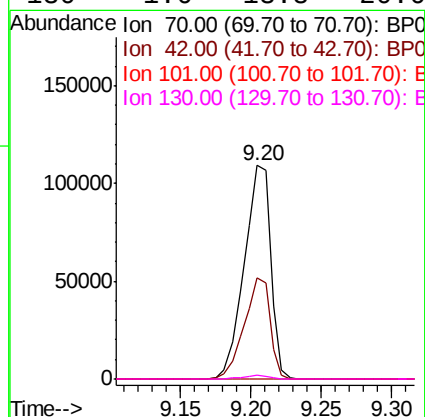
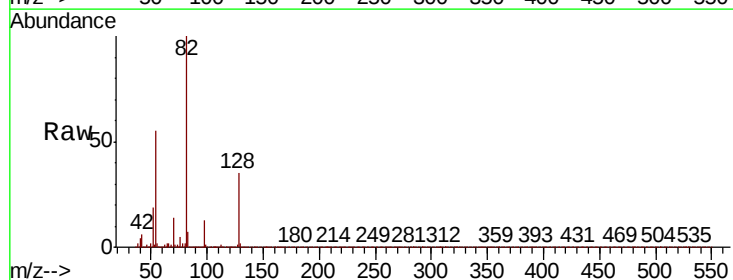
Instrument :
BNA_P
ClientSampleId :

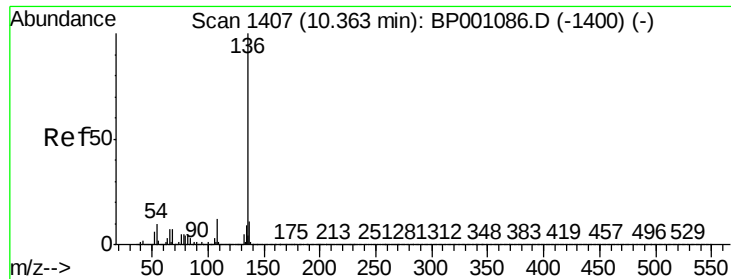
Tot Ion	Ratio	Lower	Upper
79	100		
108	30.0	54.8	82.2#
77	100.9	51.4	77.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.653 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.4	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#

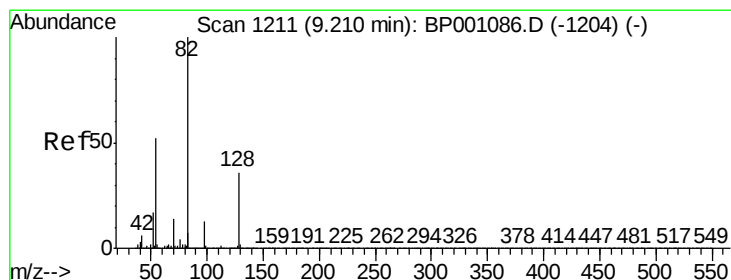
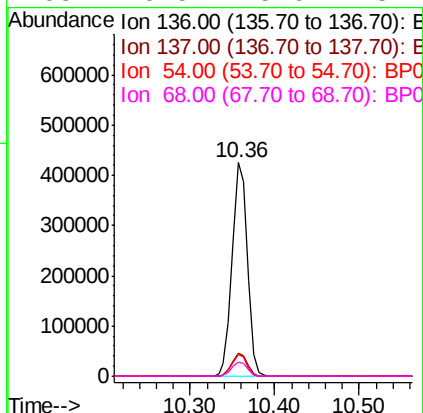
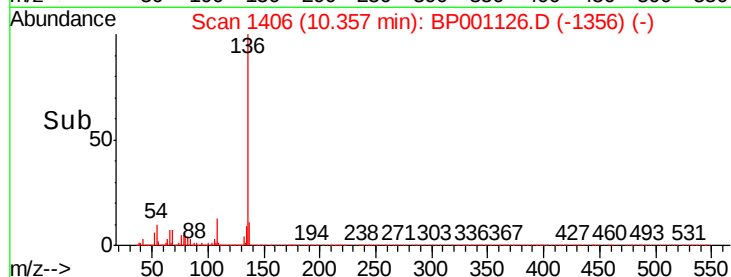
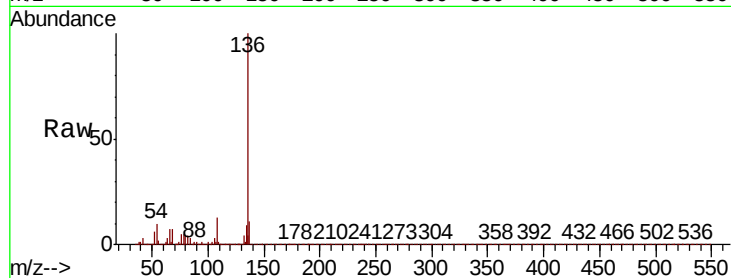




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

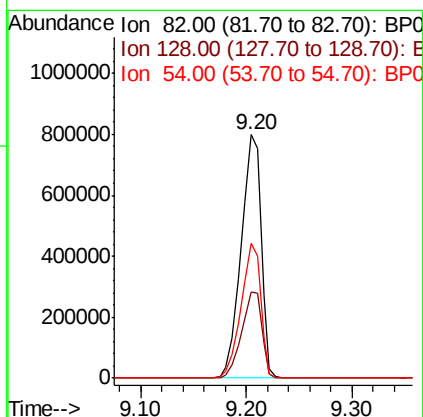
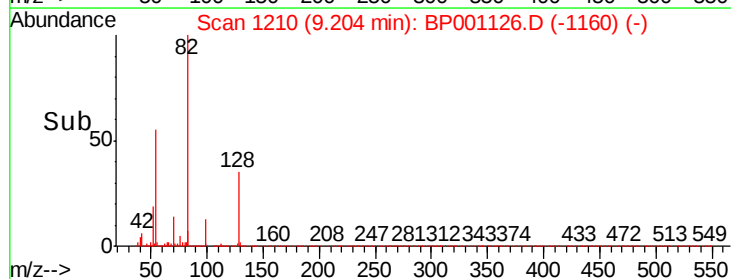
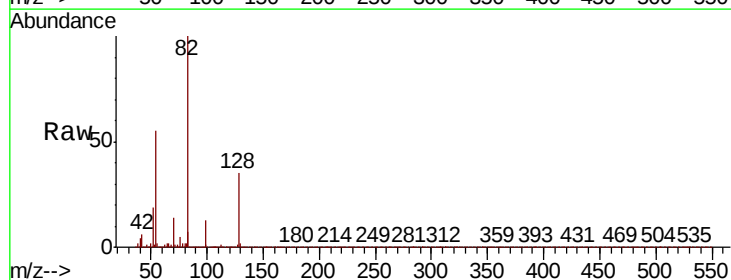
Instrument :
BNA_P
ClientSampleId :

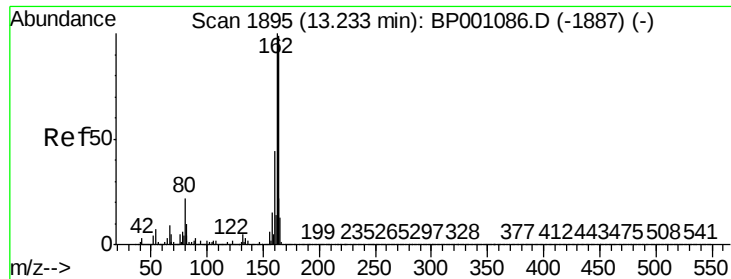
Tot Ion:136	Resp:	520100
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	10.4	7.9 11.9
68	6.5	5.6 8.4



#23
Nitrobenzene-d5
Concen: 86.720 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

Tgt Ion: 82	Resp:	1039585
Ion	Ratio	Lower Upper
82	100	
128	35.4	28.9 43.3
54	55.4	41.9 62.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

Instrument :

BNA_P

ClientSampleId :

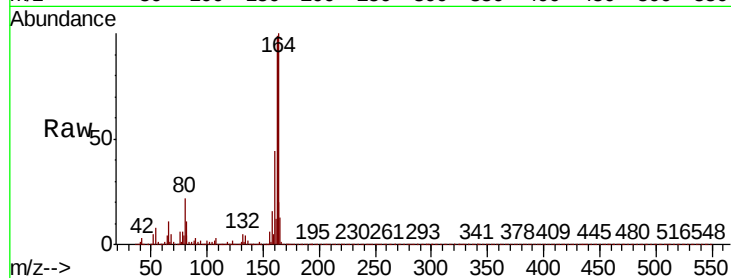
Tot Ion:164 Resp: 288679

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	43.7	35.4	53.2

164 100

162 98.7 80.6 120.8

160 43.7 35.4 53.2

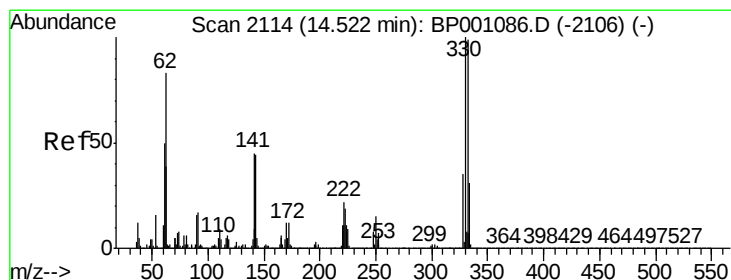
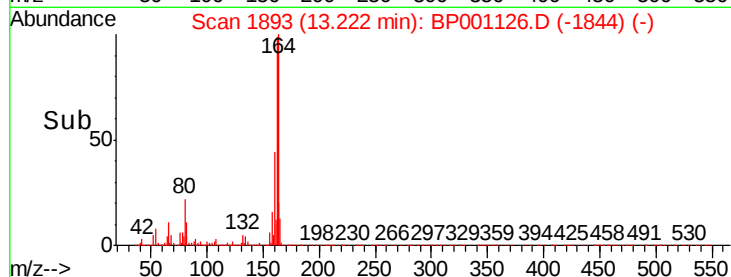
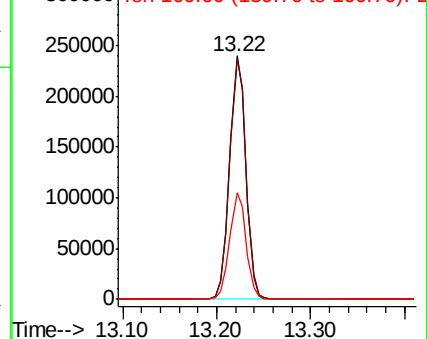


Abundance

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: 123.626 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

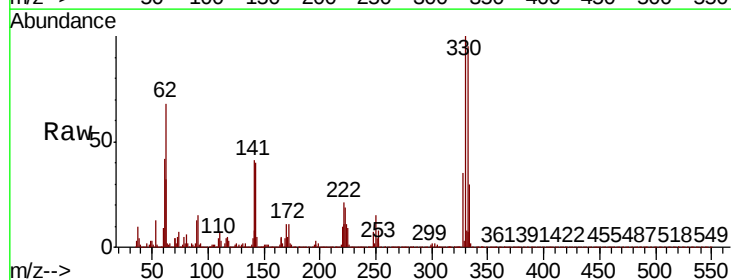
Tgt Ion:330 Resp: 342071

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.6	116.4
141	44.6	34.2	51.2

330 100

332 97.7 77.6 116.4

141 44.6 34.2 51.2

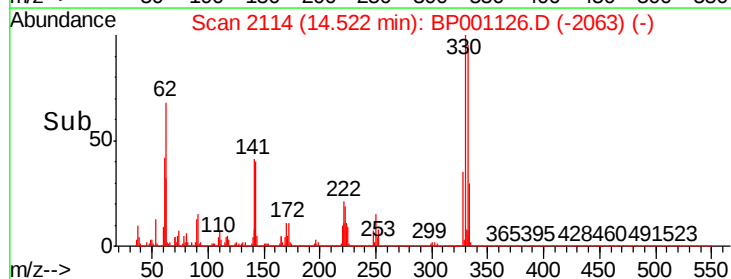
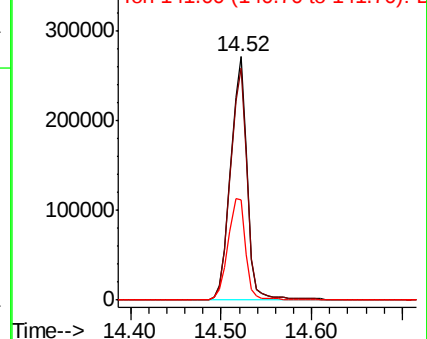


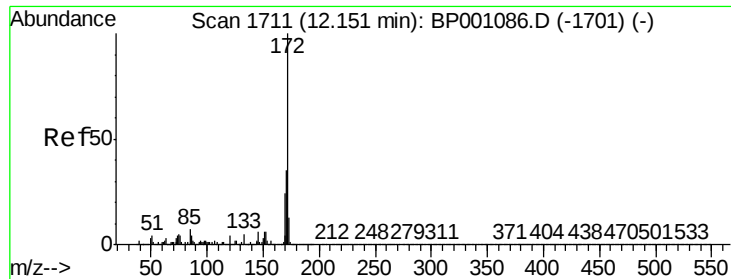
Abundance

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

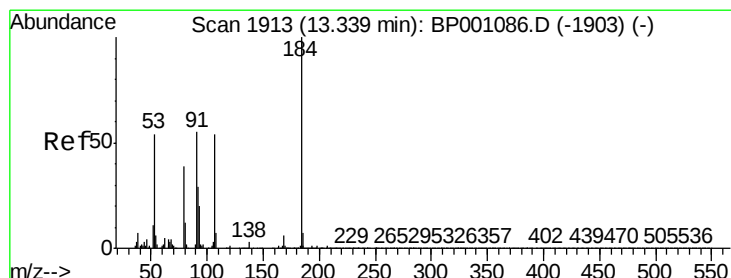
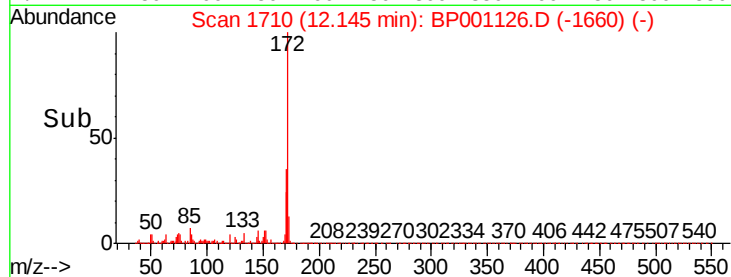
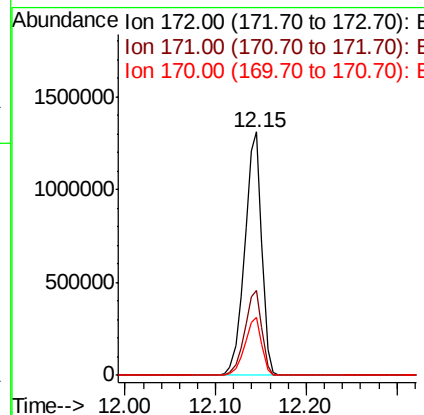
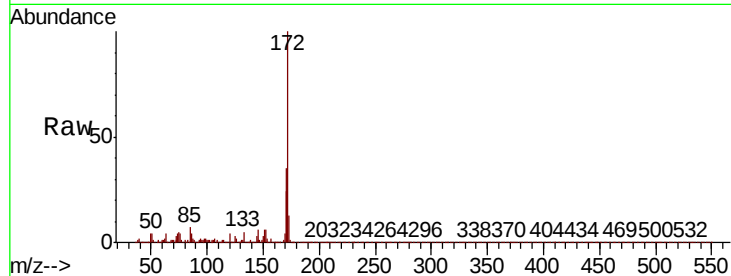




#45
2-Fluorobiphenyl
Concen: 86.584 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

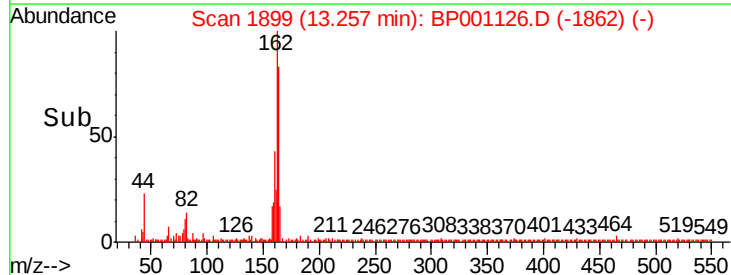
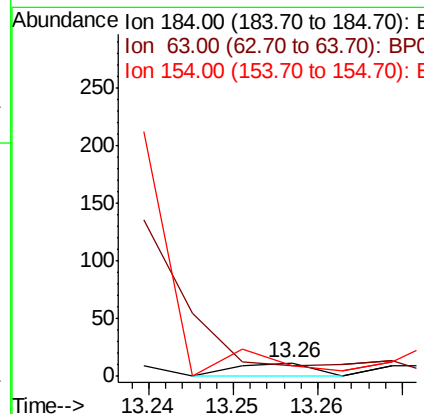
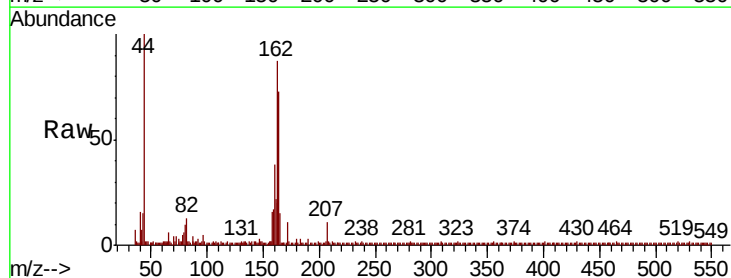
Instrument :
BNA_P
ClientSampleId :

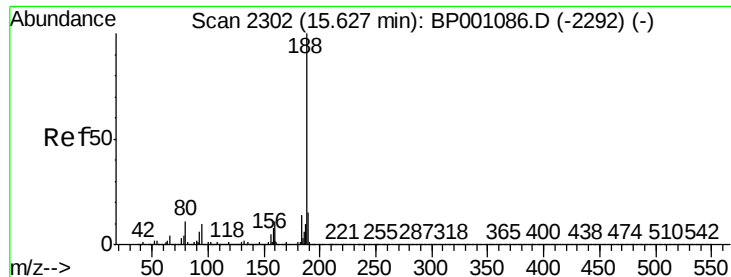
Tot Ion:172 Resp: 1707812
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 24.0 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.08 min
Lab File: BP001126.D
Acq: 02 Dec 2019 15:15

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 81.8 60.7 91.1
154 81.8 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: BP001126.D

Acq: 02 Dec 2019 15:15

Instrument :

BNA_P

ClientSampleId :

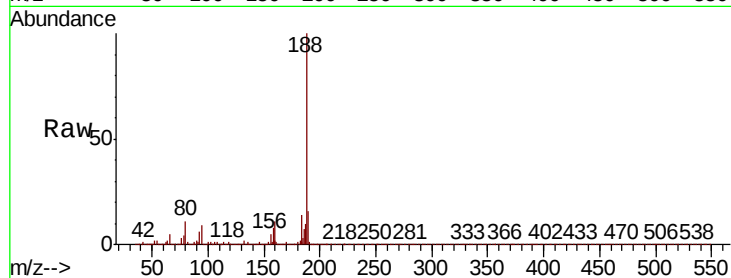
Tot Ion:188 Resp: 544949

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

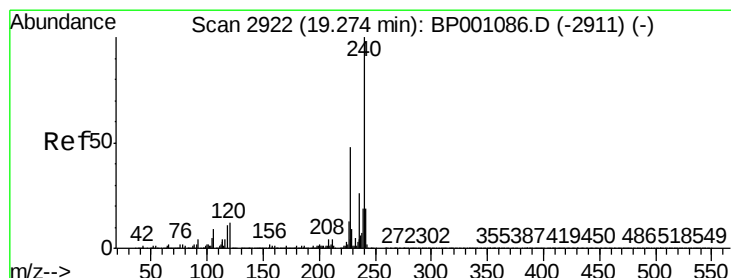
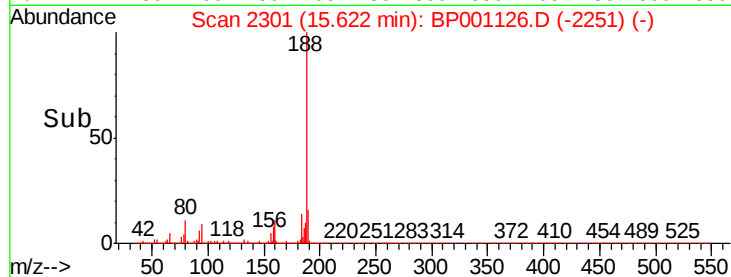
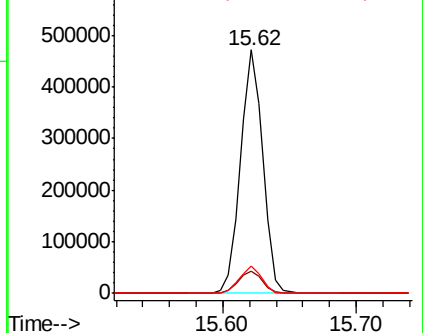
80 11.3 8.8 13.2



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: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

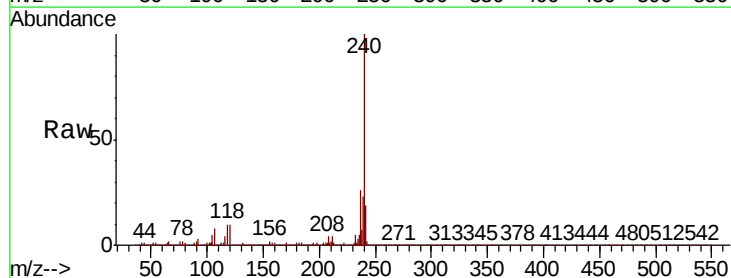
Tgt Ion:240 Resp: 408886

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

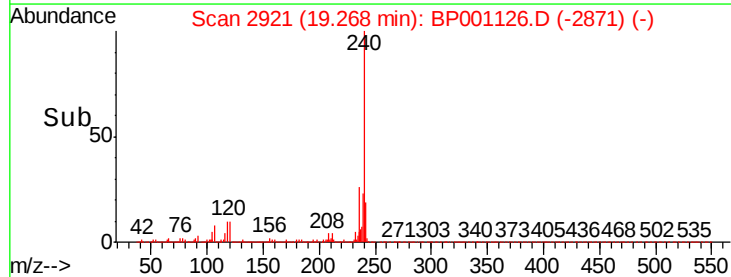
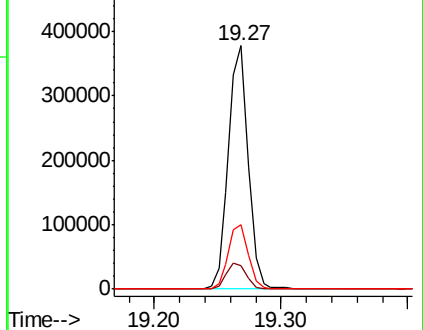
236 26.5 20.4 30.6

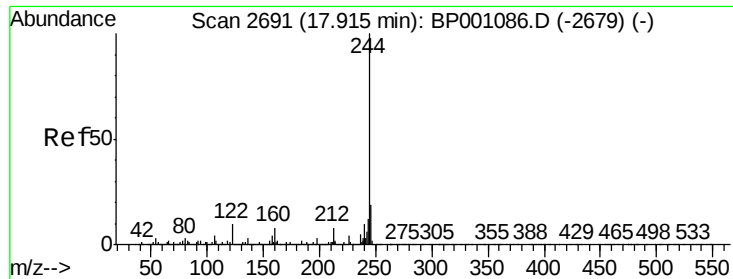


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.184 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001126.D

Acq: 02 Dec 2019 15:15

Instrument :

BNA_P

ClientSampled :

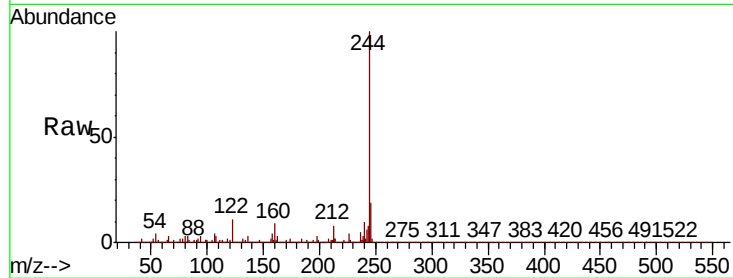
Tot Ion:244 Resp: 1926834

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

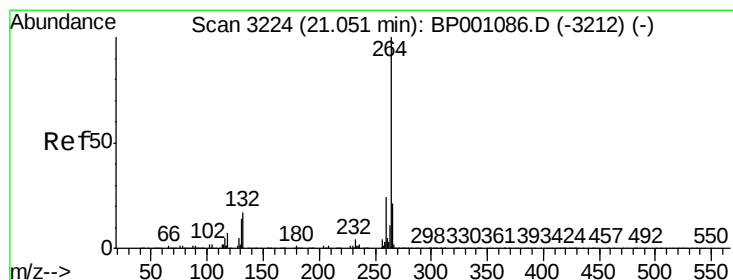
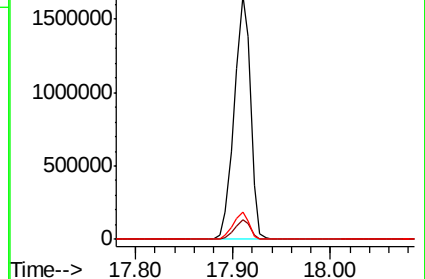
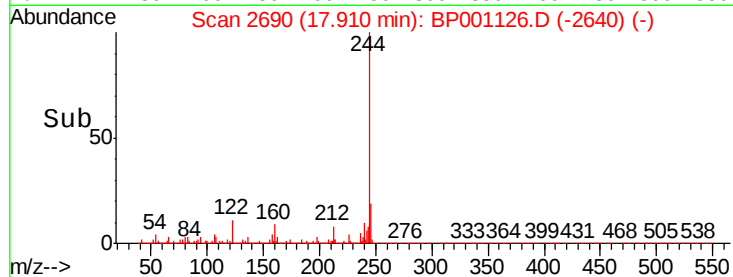
122 11.3 8.2 12.2



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: BP001126.D

Acq: 02 Dec 2019 15:15

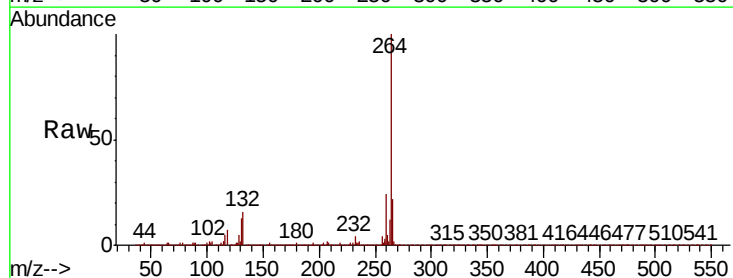
Tgt Ion:264 Resp: 419667

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 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

