

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001106.D
 Acq On : 28 Nov 2019 04:05
 Operator : JU
 Sample : K5959-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 06:53:37 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

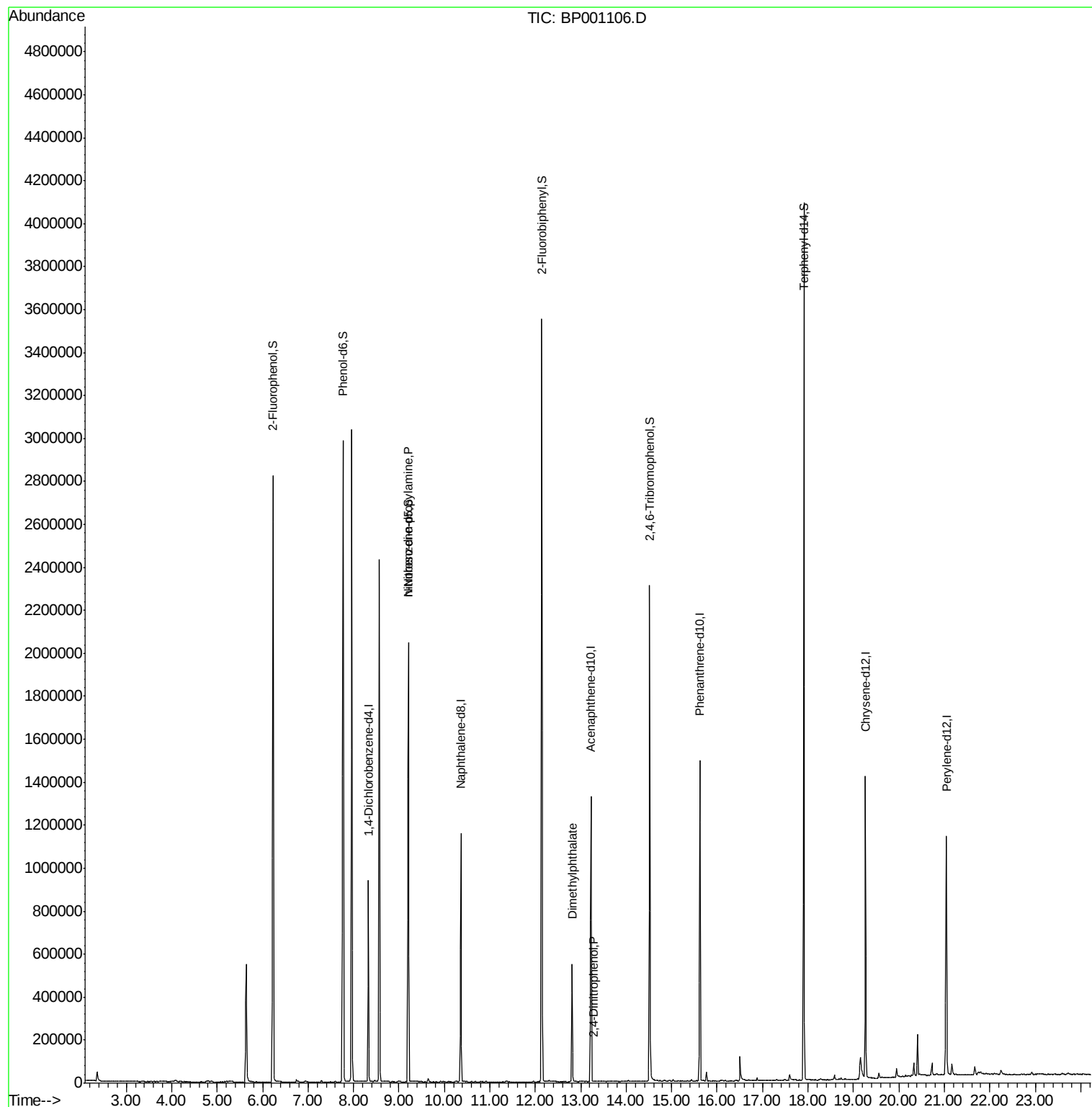
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	168663	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	637168	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	360068	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	680611	20.00	ng	0.00
76) Chrysene-d12	19.26	240	528586	20.00	ng	-0.01
87) Perylene-d12	21.05	264	558613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	946784	93.13	ng	0.00
7) Phenol-d6	7.77	99	1319217	97.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	864222	58.85	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	305471	88.51	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1465146	59.55	ng	0.00
79) Terphenyl-d14	17.91	244	1676753	58.69	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	238	Below Cal		Qvalue # 43
19) n-Nitroso-di-n-propylamine	9.20	70	118128	12.087 ng		# 80
50) Dimethylphthalate	12.81	163	253324	9.407 ng		100
54) 2,4-Dinitrophenol	13.29	184	17	7.116 ng		87

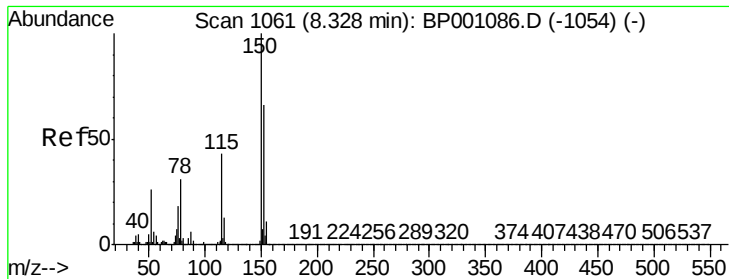
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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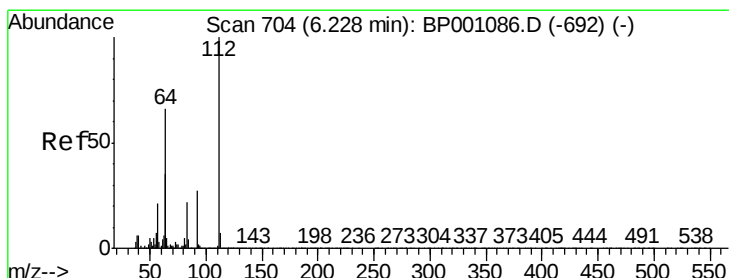
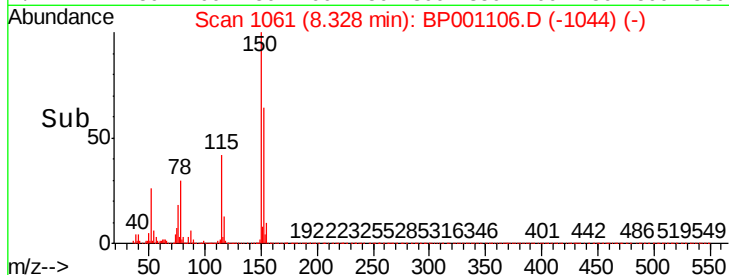
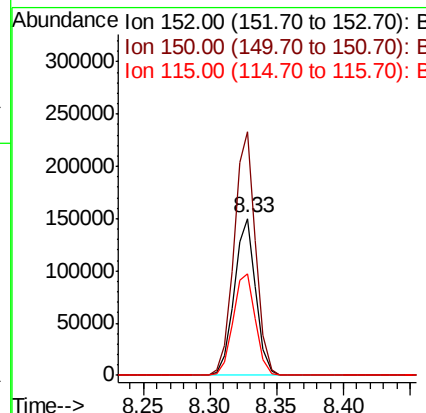
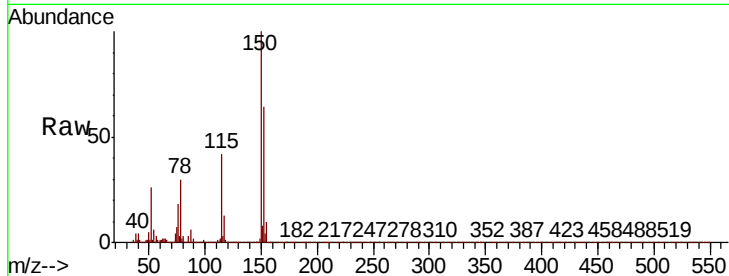




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001106.D
 Acq: 28 Nov 2019 04:05

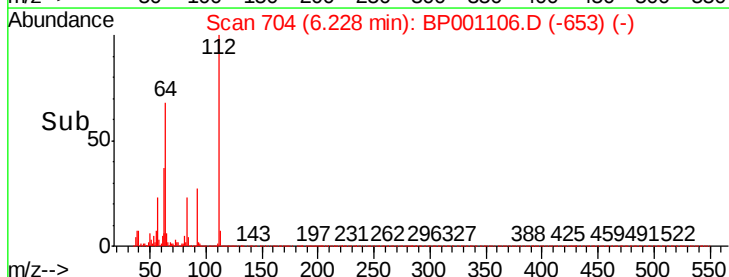
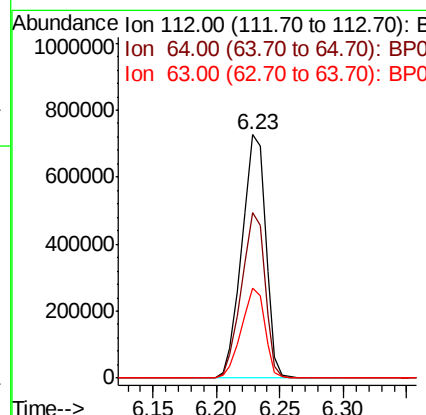
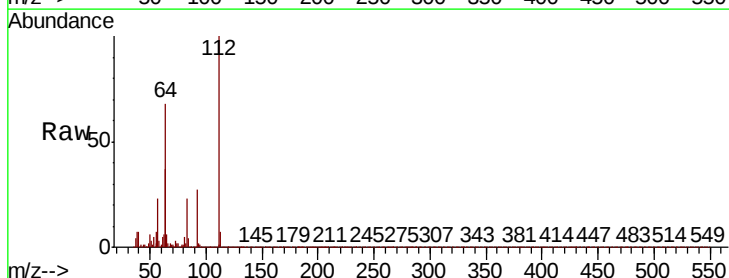
Instrument :
 BNA_P
 ClientSampleId :

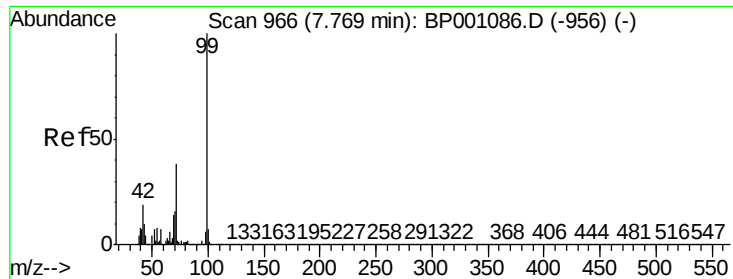
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	120.6	181.0
115	65.0	51.6	77.4



#5
 2-Fluorophenol
 Concen: 93.132 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BP001106.D
 Acq: 28 Nov 2019 04:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.8	79.2
63	36.9	28.2	42.2





#7

Phenol-d6

Concen: 97.405 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

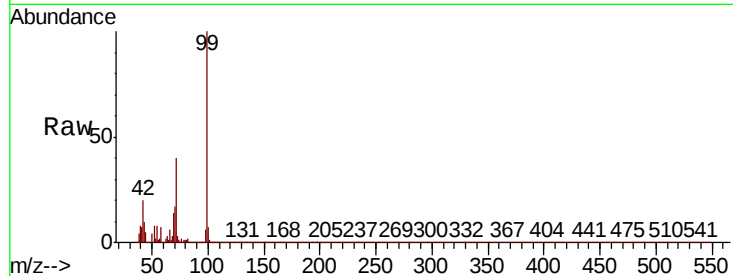
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1319217

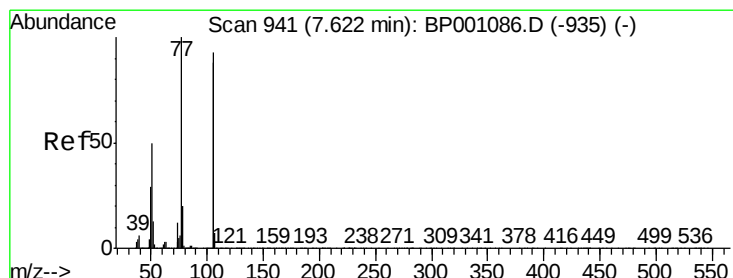
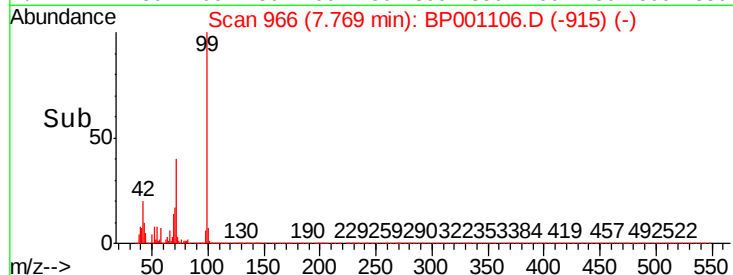
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.4	23.0
71	40.4	30.8	46.2



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: 7.62 min Scan# 941

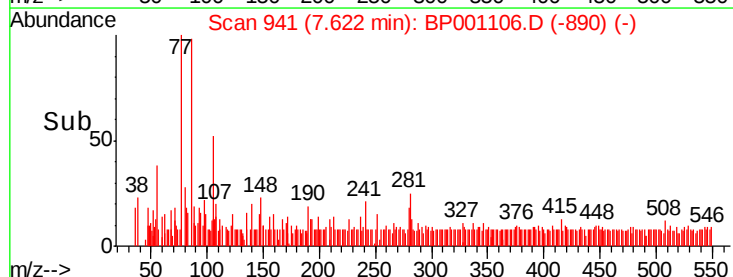
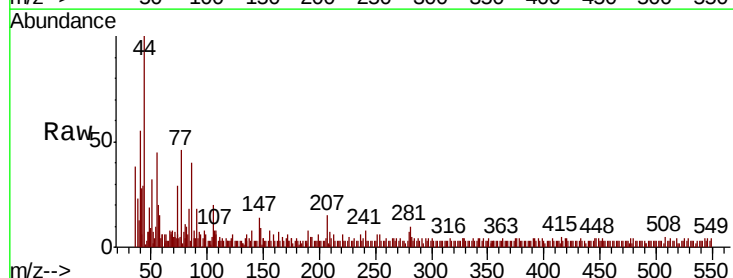
Delta R.T. 0.00 min

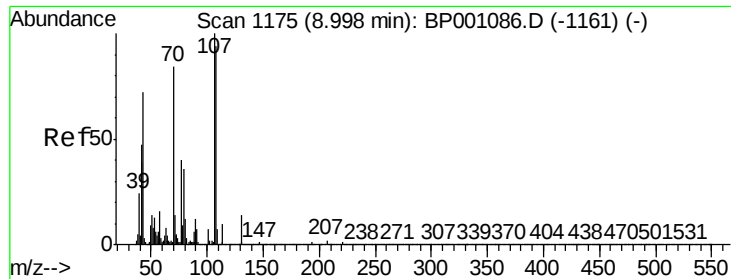
Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

Tgt Ion: 77 Resp: 238

Ion	Ratio	Lower	Upper
77	100		
105	54.6	72.5	112.5#
106	17.0	67.6	107.6#

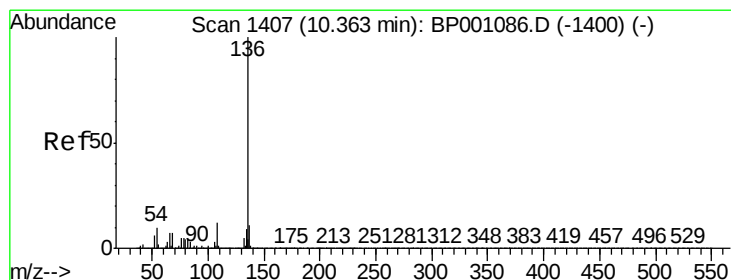
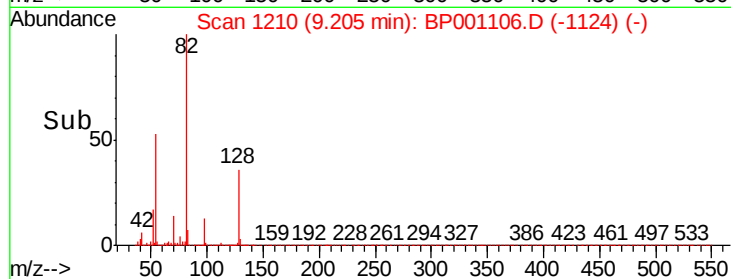
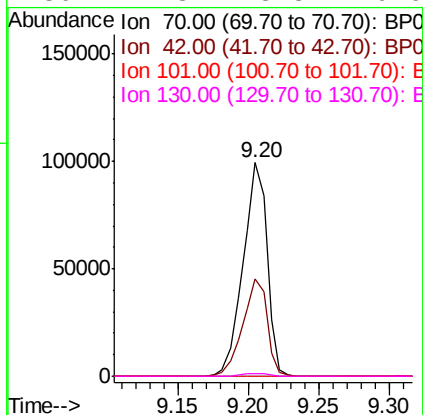
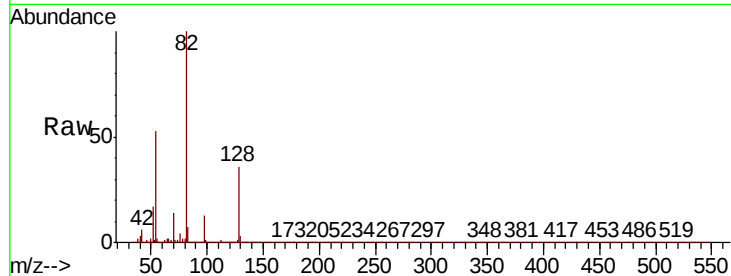




#19
n-Nitroso-di-n-propylamine
Concen: 12.087 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

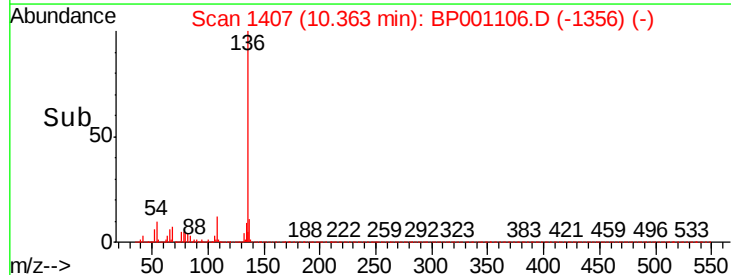
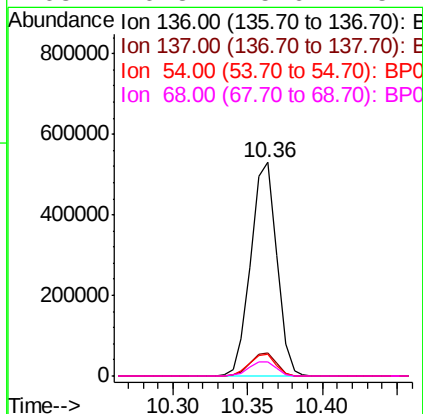
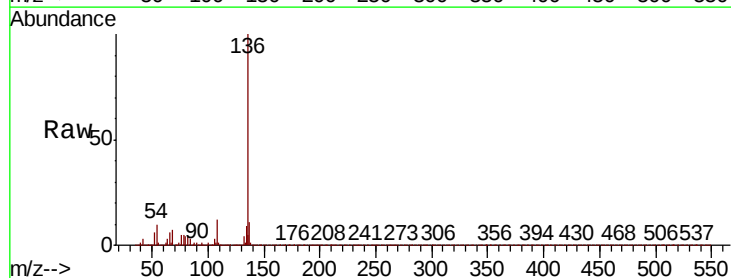
Instrument :
BNA_P
ClientSampleId :

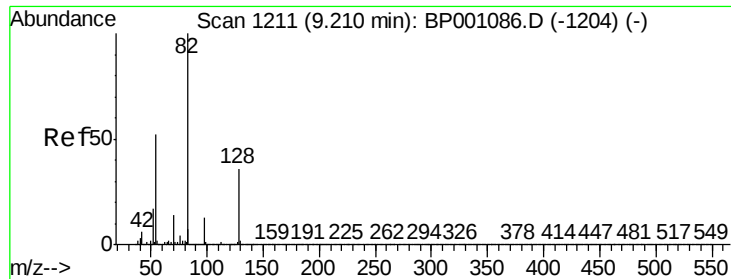
Tot Ion: 70 Resp: 118128
Ion Ratio Lower Upper
70 100
42 45.8 44.6 66.8
101 0.0 7.1 10.7#
130 1.3 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion: 136 Resp: 637168
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.0 7.9 11.9
68 6.8 5.6 8.4

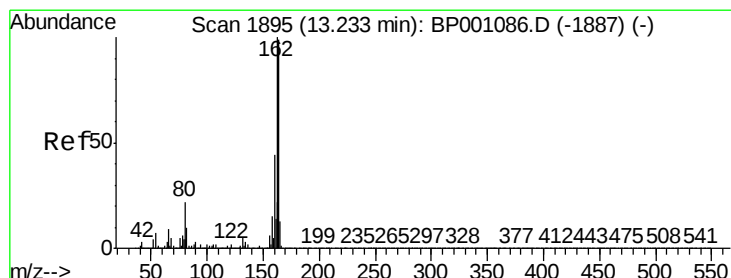
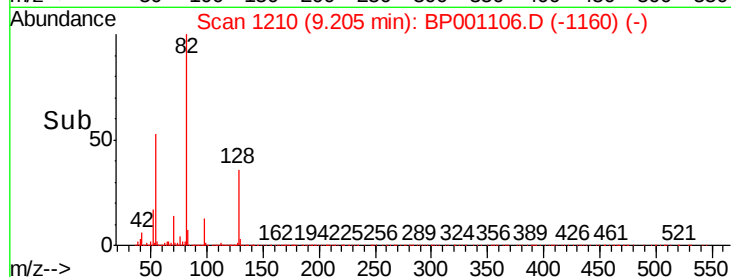
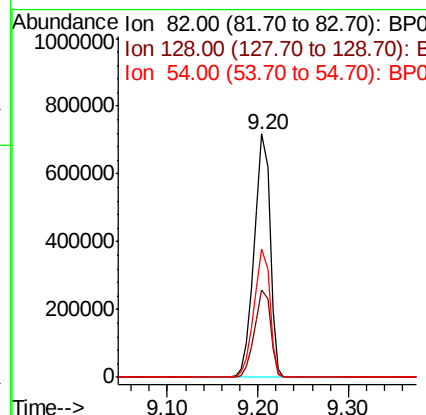
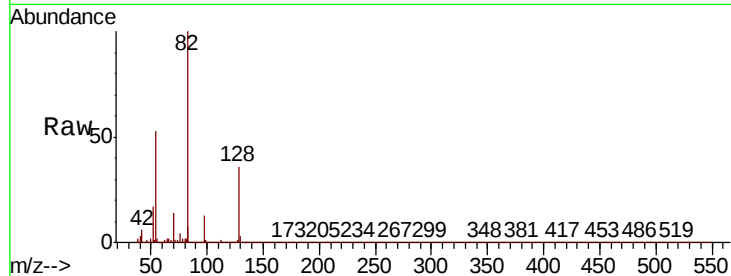




#23
 Nitrobenzene-d5
 Concen: 58.846 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BP001106.D
 Acq: 28 Nov 2019 04:05

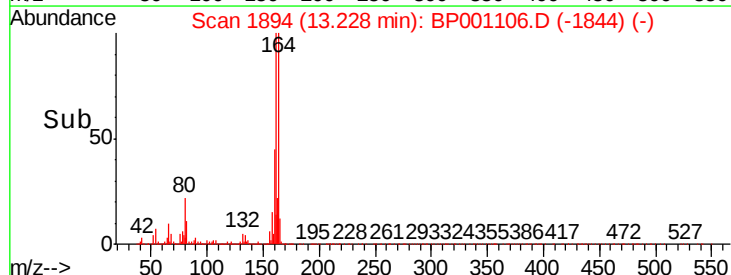
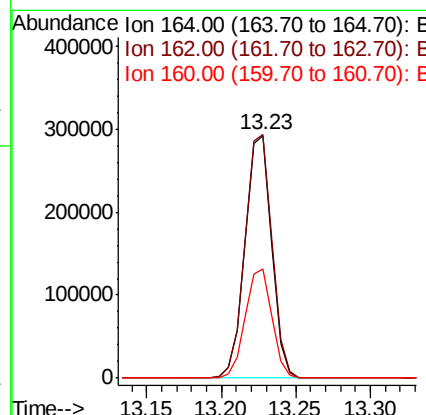
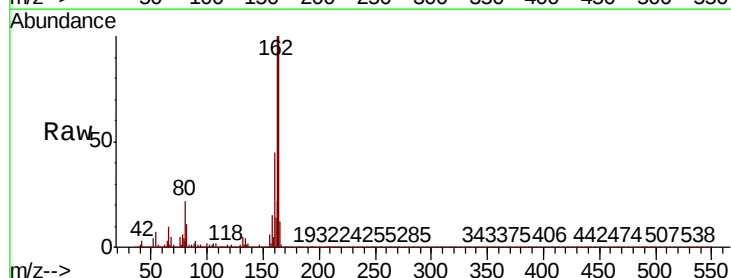
Instrument :
 BNA_P
 ClientSampled :

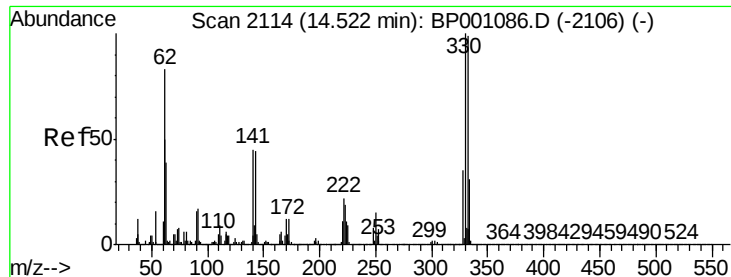
Tot Ion	82	Resp	864222
Ion Ratio	Lower	Upper	
82	100		
128	35.8	28.9	43.3
54	52.7	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001106.D
 Acq: 28 Nov 2019 04:05

Tgt Ion	164	Resp	360068
Ion Ratio	Lower	Upper	
164	100		
162	100.5	80.6	120.8
160	45.2	35.4	53.2

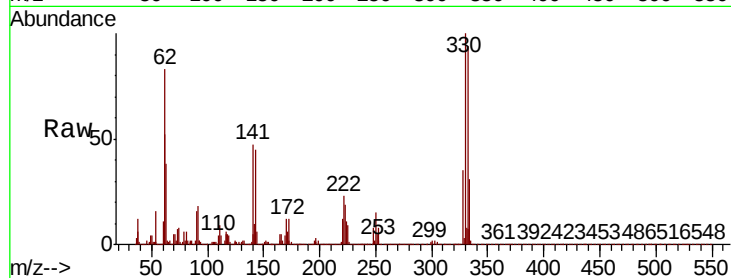




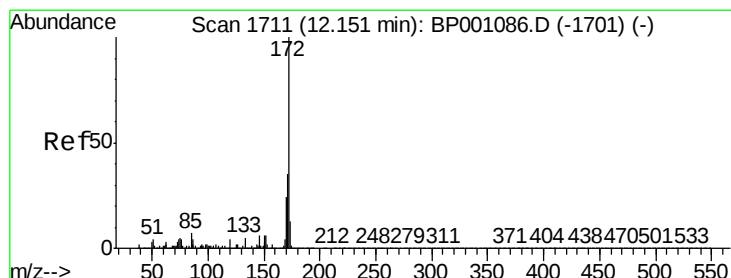
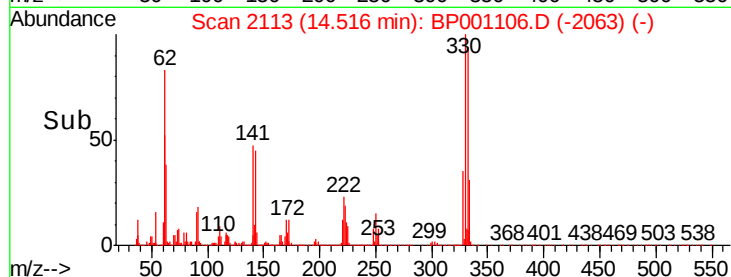
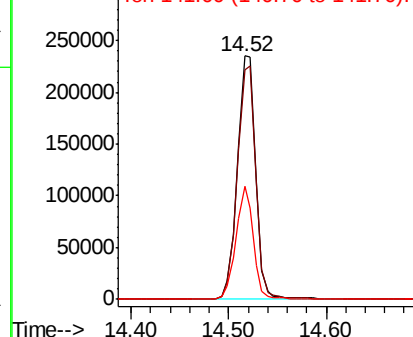
#42
2,4,6-Tribromophenol
Concen: 88.510 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 305471
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 43.8 34.2 51.2

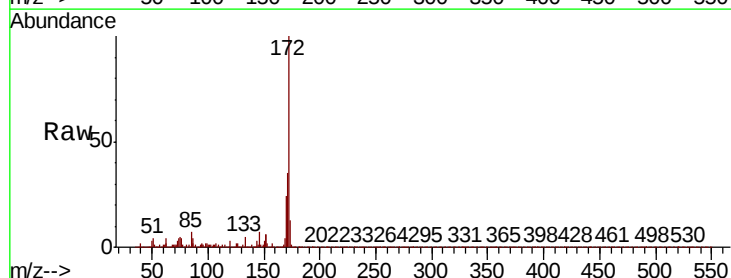


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

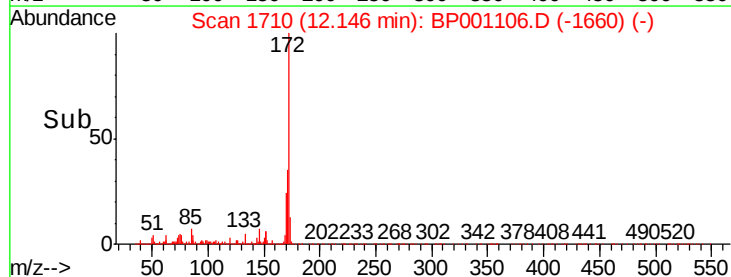
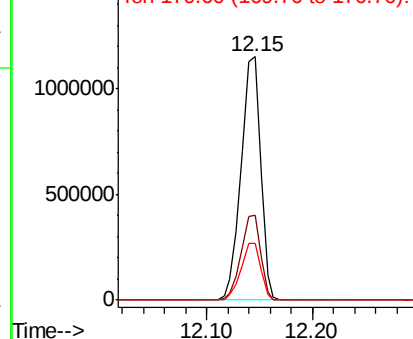


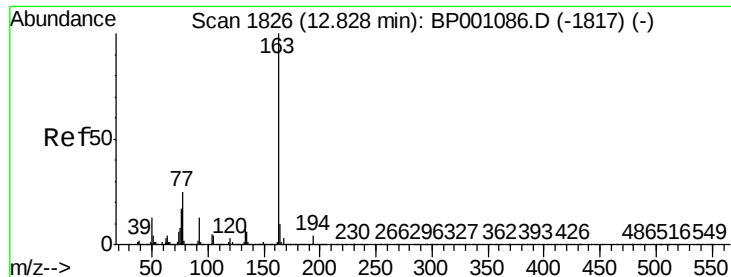
#45
2-Fluorobiphenyl
Concen: 59.554 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:172 Resp: 1465146
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.5 19.0 28.4



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: 9.407 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

Instrument :

BNA_P

ClientSampleId :

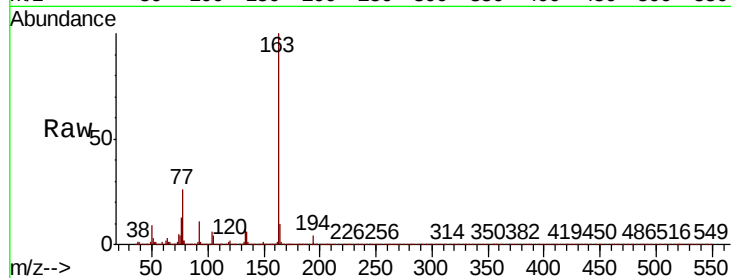
Tot Ion:163 Resp: 253324

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

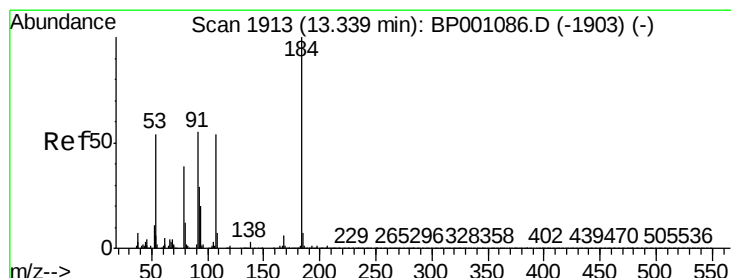
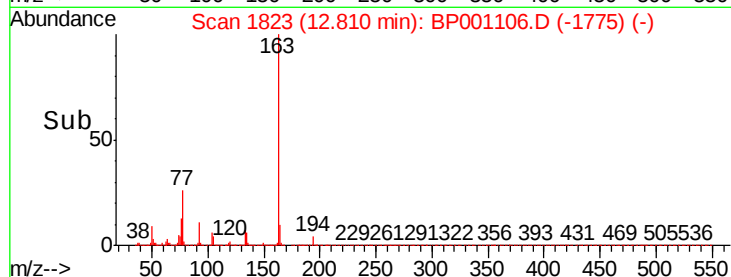
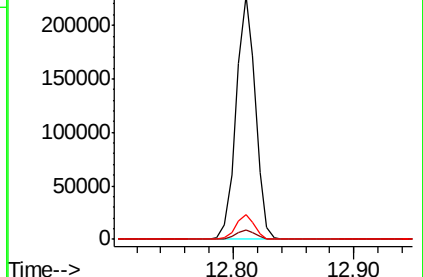
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 7.116 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.05 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

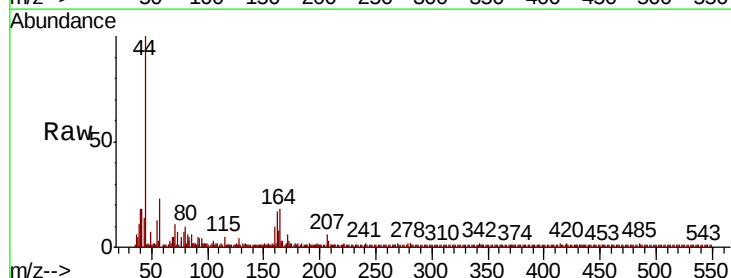
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 66.7 60.7 91.1

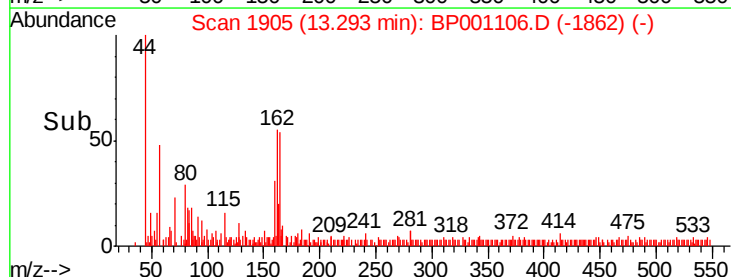
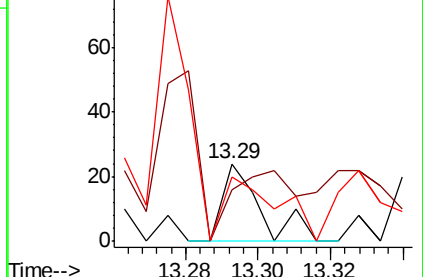
154 83.3 56.2 84.2

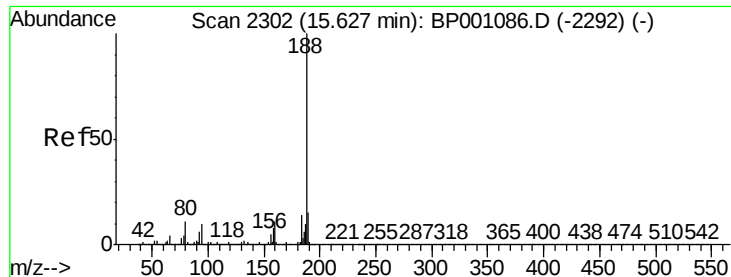


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

Instrument :

BNA_P

ClientSampleId :

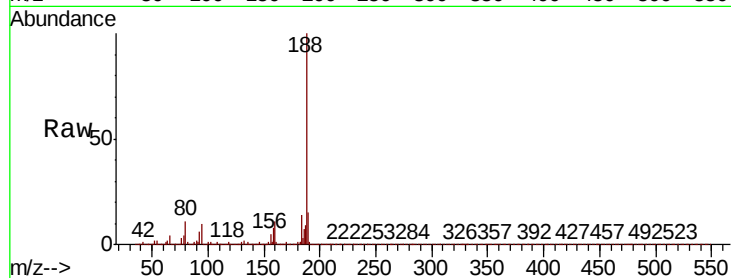
Tot Ion:188 Resp: 680611

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

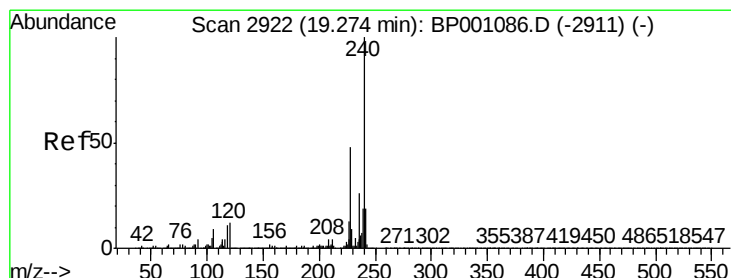
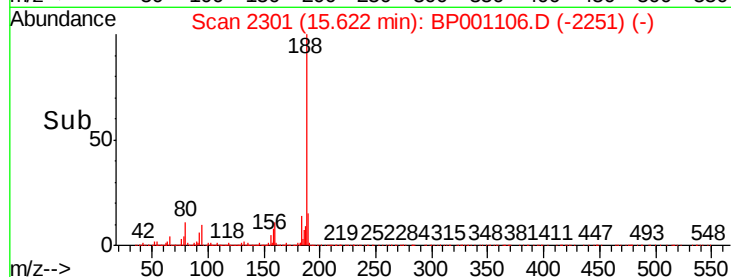
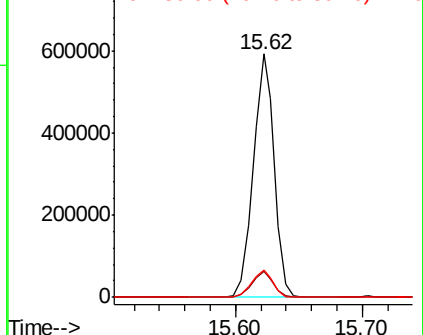
80 11.3 8.8 13.2



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: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

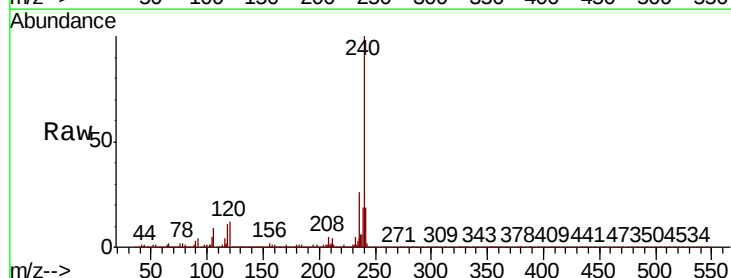
Tgt Ion:240 Resp: 528586

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

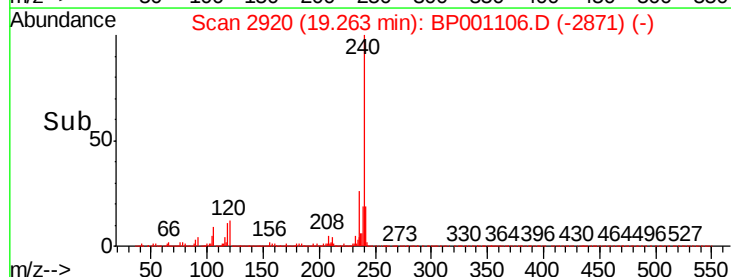
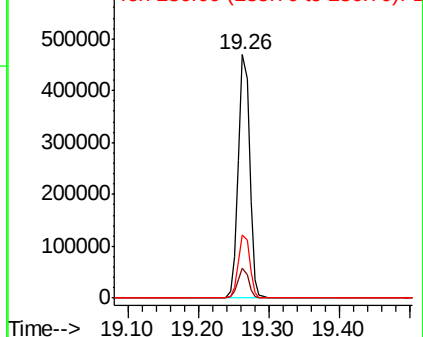
236 25.8 20.4 30.6

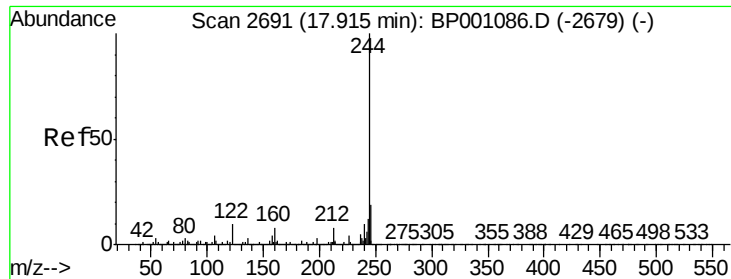


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.688 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

Instrument :

BNA_P

ClientSampleId :

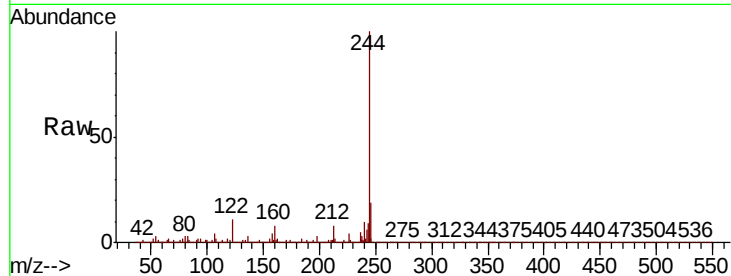
Tot Ion:244 Resp: 1676753

Ion Ratio Lower Upper

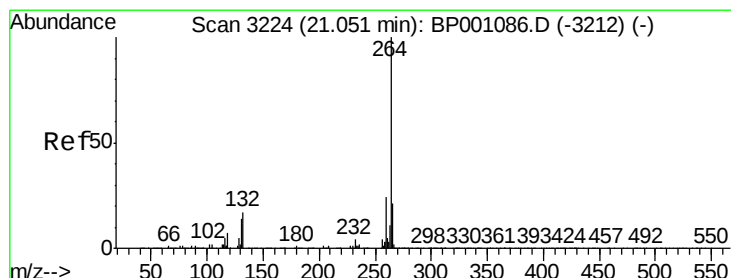
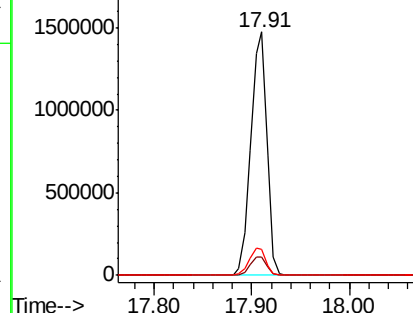
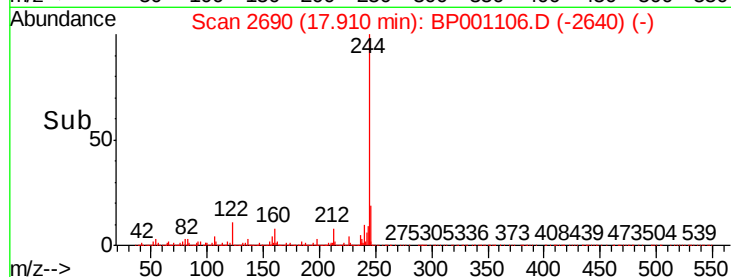
244 100

212 7.6 6.2 9.2

122 10.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001106.D

Acq: 28 Nov 2019 04:05

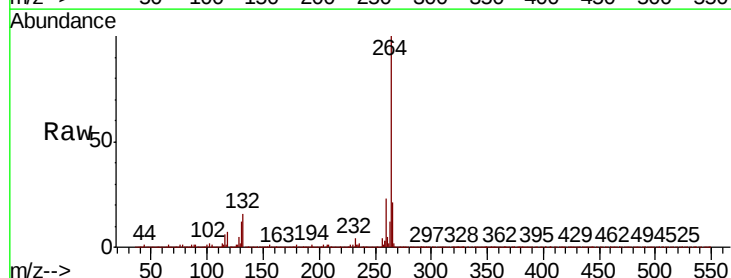
Tgt Ion:264 Resp: 558613

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 20.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
500000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

