

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001150.D
 Acq On : 03 Dec 2019 04:59
 Operator : JU
 Sample : K6014-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:44:32 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

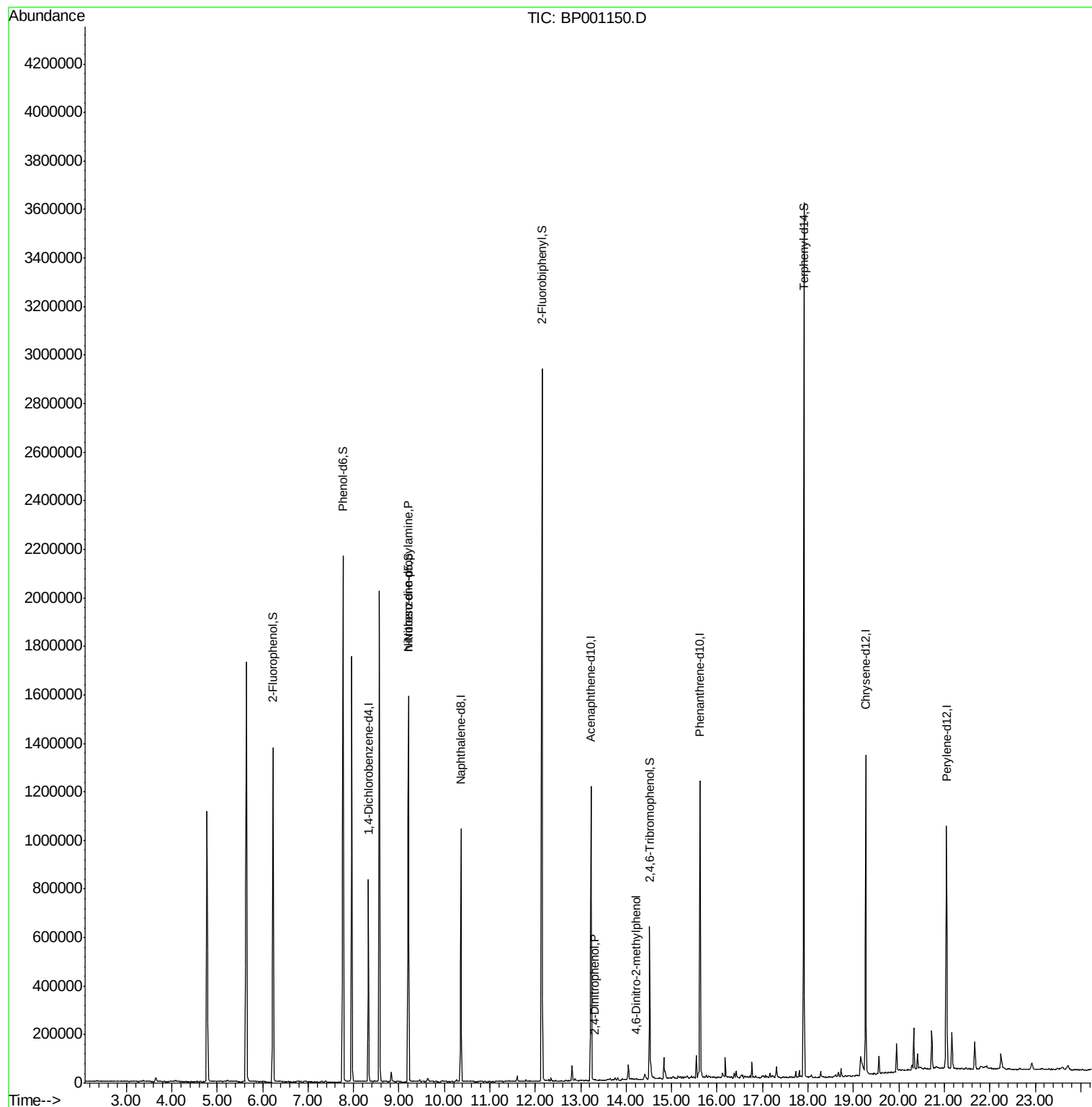
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	145868	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	551153	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	309268	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	579614	20.00	ng	0.00
76) Chrysene-d12	19.27	240	470953	20.00	ng	0.00
87) Perylene-d12	21.05	264	524502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	429866	48.89	ng	0.00
7) Phenol-d6	7.77	99	845063	72.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	678594	53.42	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	81573	27.52	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1170549	55.39	ng	0.00
79) Terphenyl-d14	17.91	244	1370746	53.85	ng	0.00
Target Compounds						
9) Benzaldehyde	7.68	77	82	Below Cal		Qvalue # 24
19) n-Nitroso-di-n-propylamine	9.20	70	94926	11.231	ng	# 82
54) 2,4-Dinitrophenol	13.30	184	10	7.114	ng	90
65) 4,6-Dinitro-2-methylphenol	14.21	198	24	6.285	ng	# 1

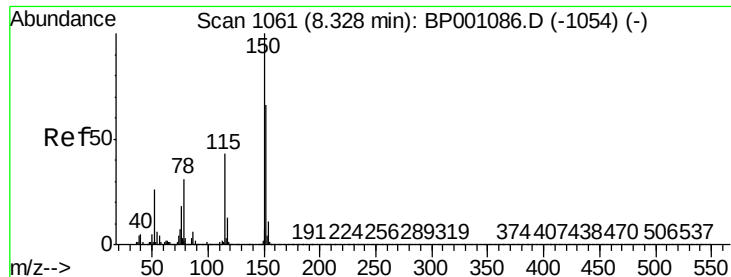
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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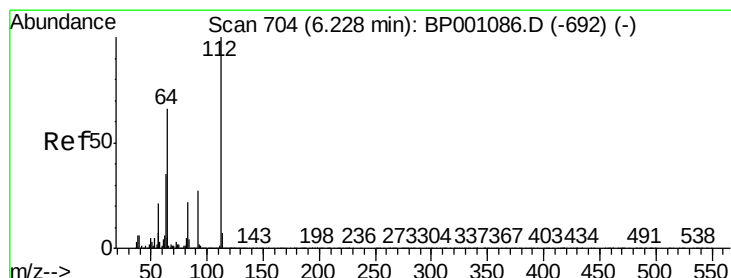
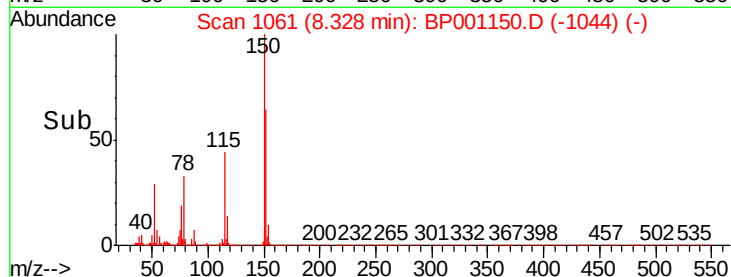
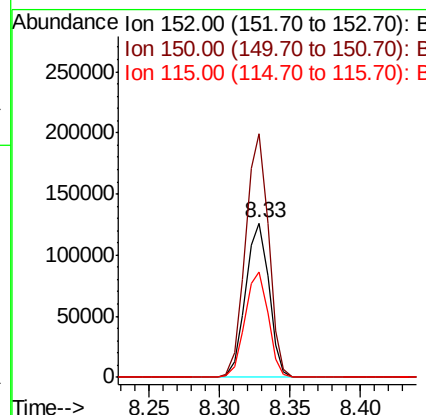
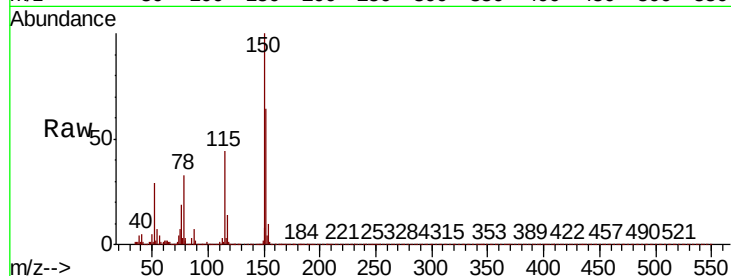




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

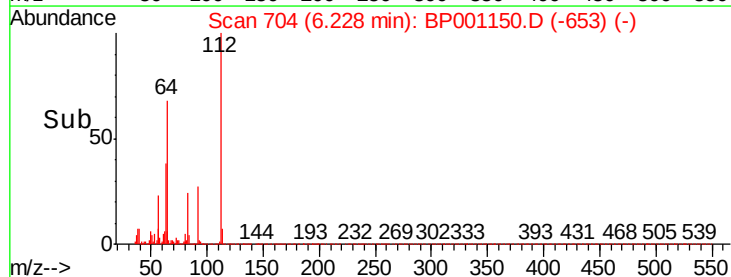
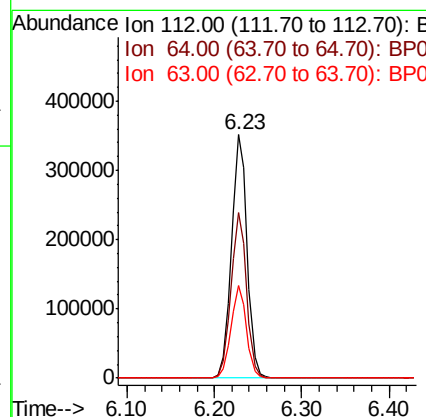
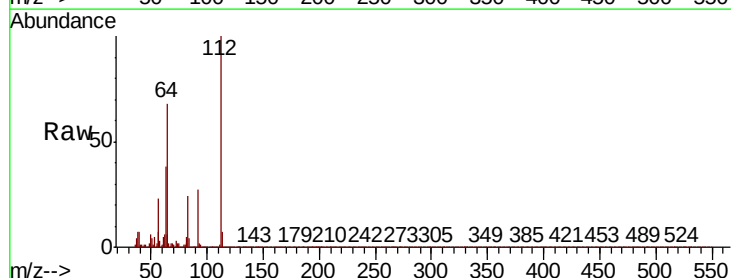
Instrument :
 BNA_P
 ClientSampled :

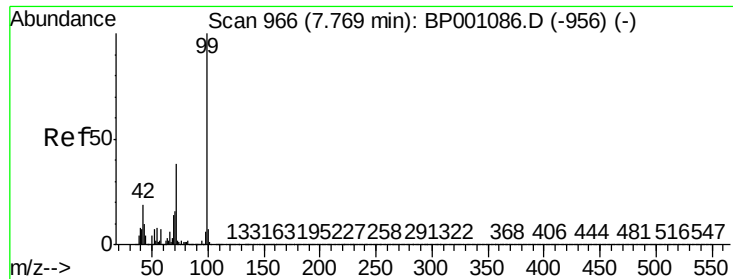
Tot Ion:152 Resp: 145868
 Ion Ratio Lower Upper
 152 100
 150 157.5 120.6 181.0
 115 68.5 51.6 77.4



#5
 2-Fluorophenol
 Concen: 48.892 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

Tgt Ion:112 Resp: 429866
 Ion Ratio Lower Upper
 112 100
 64 67.9 52.8 79.2
 63 38.0 28.2 42.2





#7

Phenol-d6

Concen: 72.146 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001150.D

Acq: 03 Dec 2019 04:59

Instrument :

BNA_P

ClientSampleId :

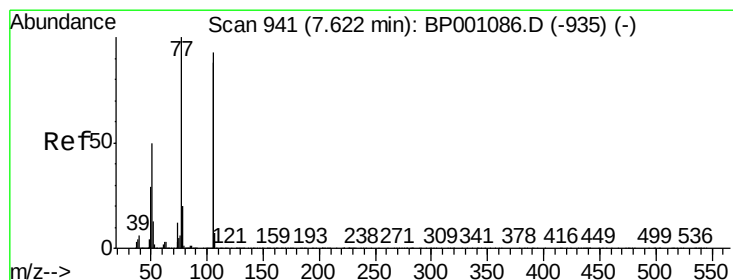
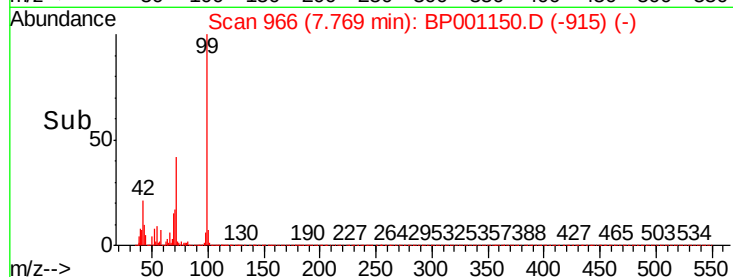
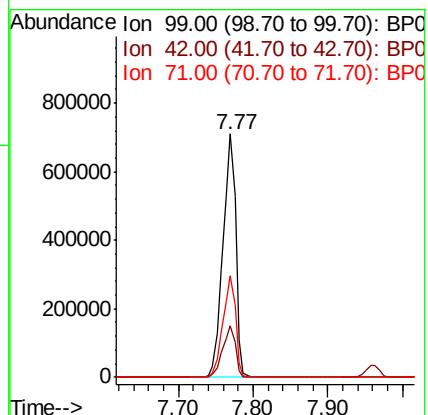
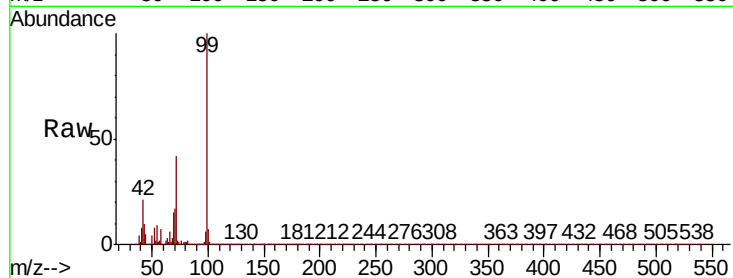
Tot Ion: 99 Resp: 845063

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.0

71 41.6 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.68 min Scan# 950

Delta R.T. 0.05 min

Lab File: BP001150.D

Acq: 03 Dec 2019 04:59

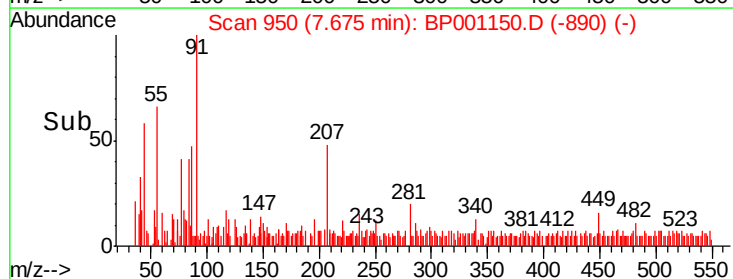
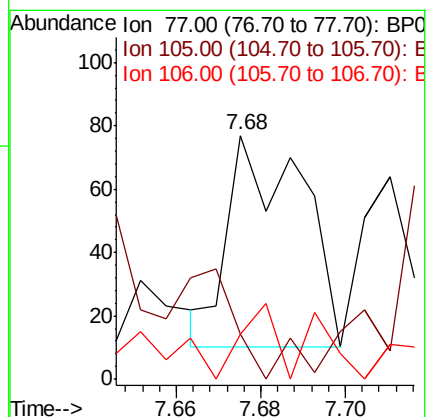
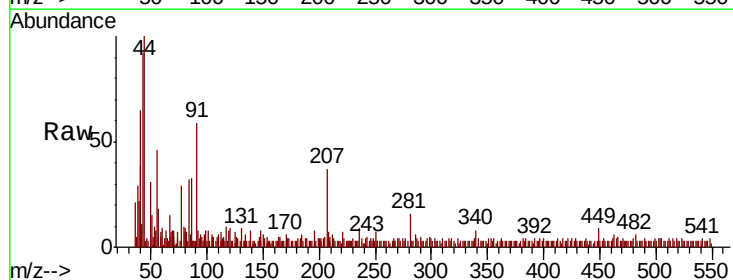
Tgt Ion: 77 Resp: 82

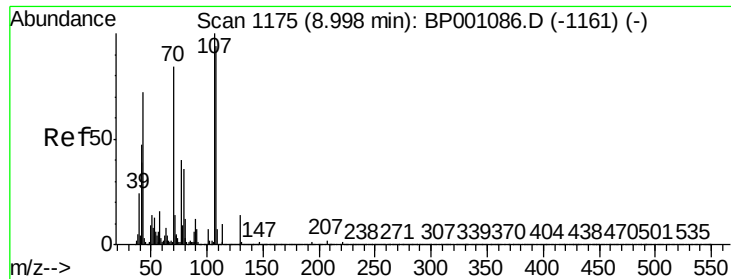
Ion Ratio Lower Upper

77 100

105 18.2 72.5 112.5#

106 18.2 67.6 107.6#

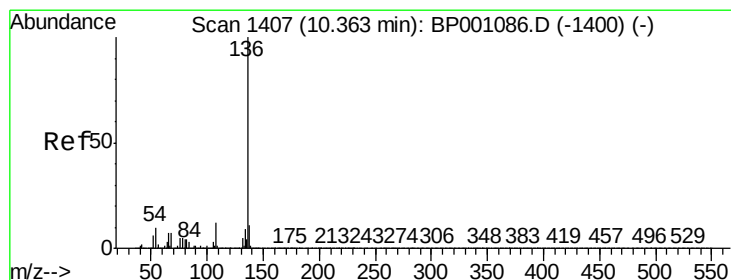
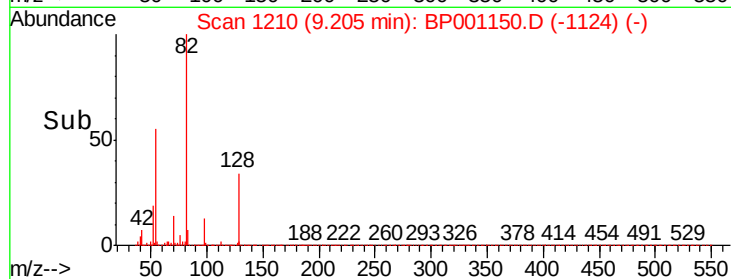
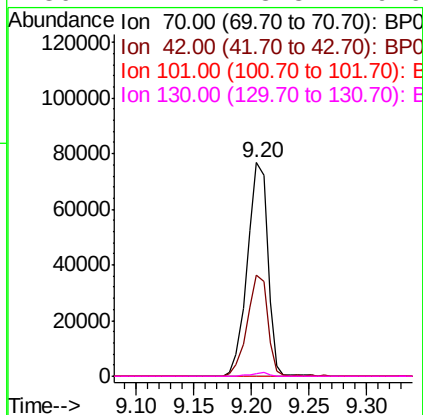
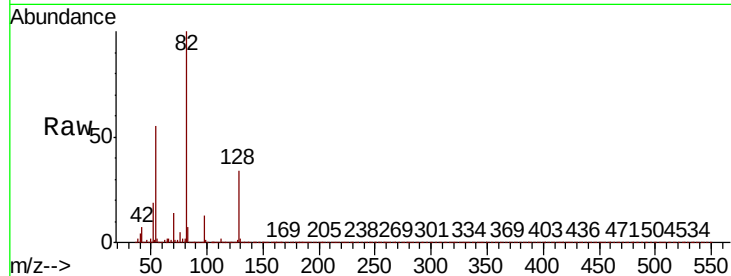




#19
n-Nitroso-di-n-propylamine
Concen: 11.231 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

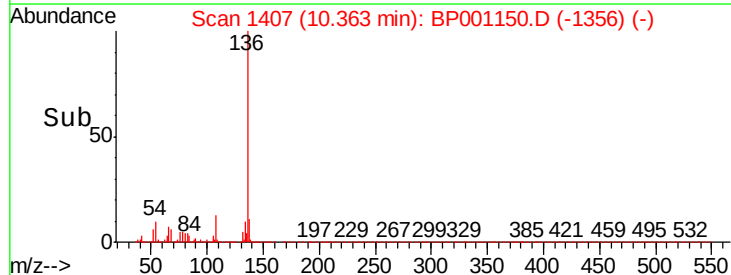
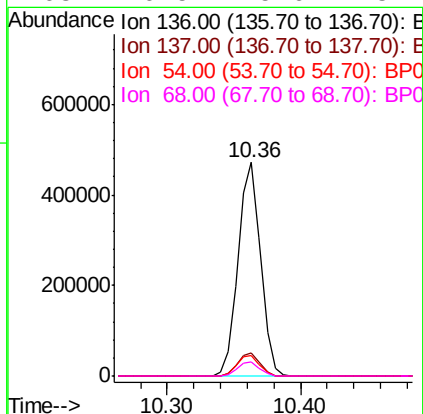
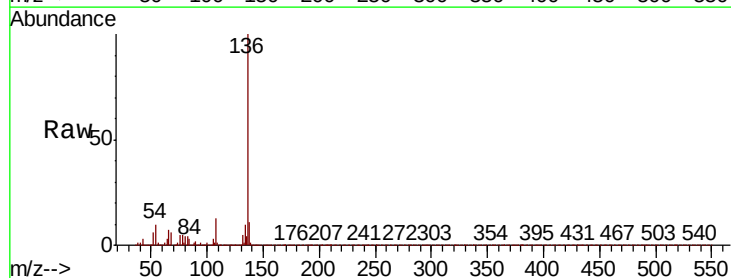
Instrument :
BNA_P
ClientSampled :

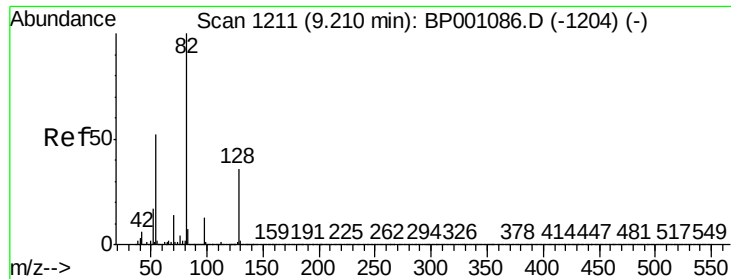
Tot Ion:	70	Resp:	94926
Ion	Ratio	Lower	Upper
70	100		
42	47.6	44.6	66.8
101	0.0	7.1	10.7#
130	1.2	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

Tgt Ion:	136	Resp:	551153
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.8	7.9	11.9
68	6.5	5.6	8.4

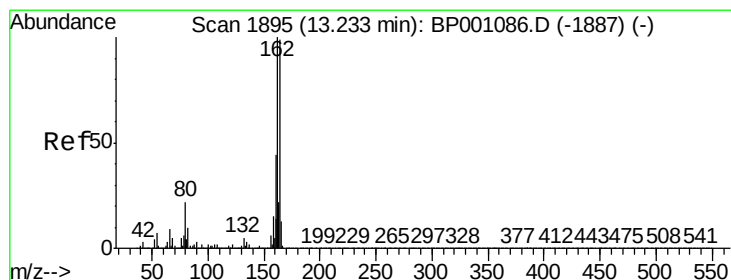
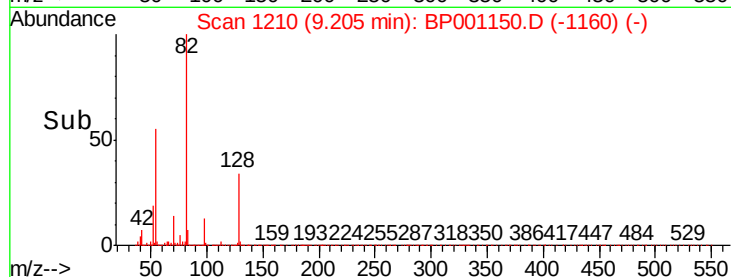
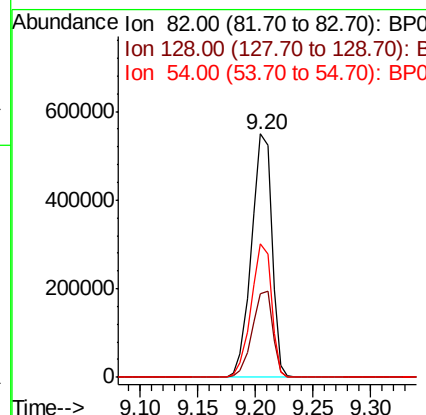
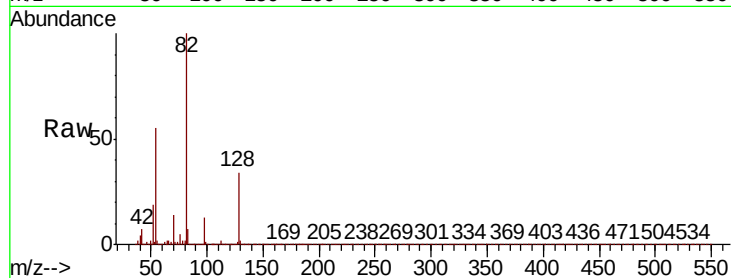




#23
 Nitrobenzene-d5
 Concen: 53.418 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

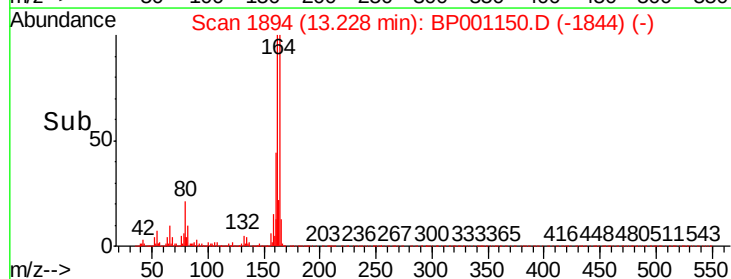
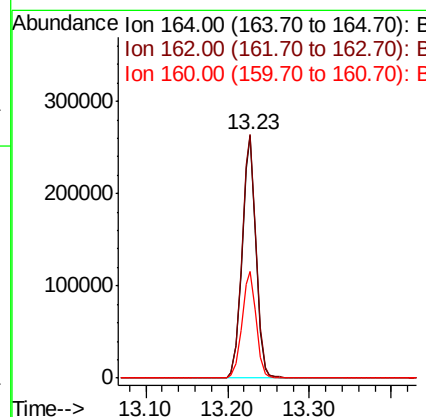
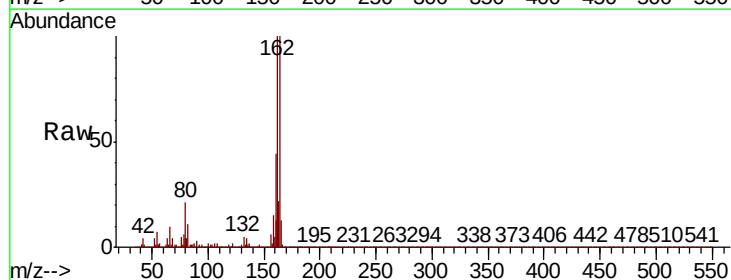
Instrument :
 BNA_P
 ClientSampleId :

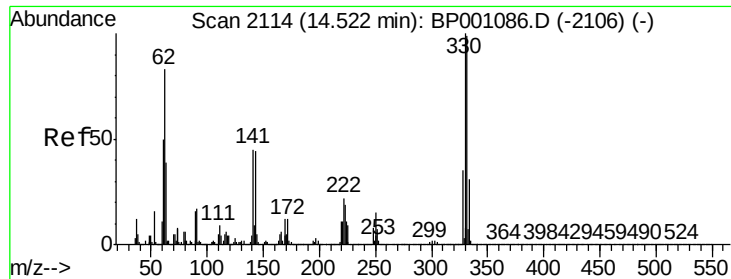
Tot Ion	82	Resp	678594
Ion Ratio	100	Lower	Upper
128	34.5	28.9	43.3
54	54.8	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

Tgt Ion	164	Resp	309268
Ion Ratio	100	Lower	Upper
162	100.4	80.6	120.8
160	44.0	35.4	53.2

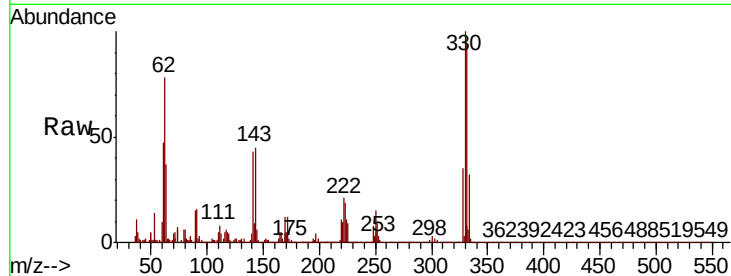




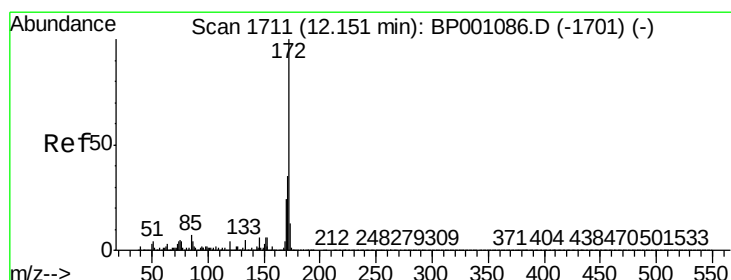
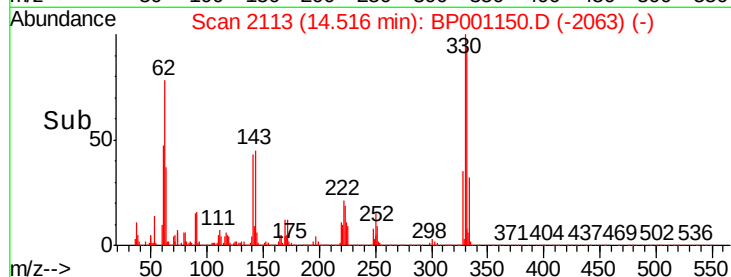
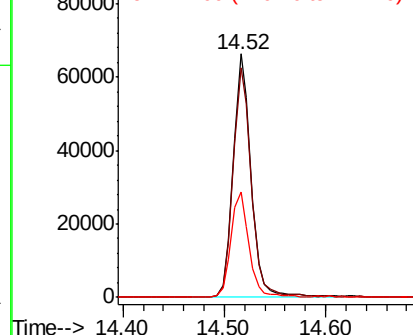
#42
2,4,6-Tribromophenol
Concen: 27.518 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 81573
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 43.3 34.2 51.2

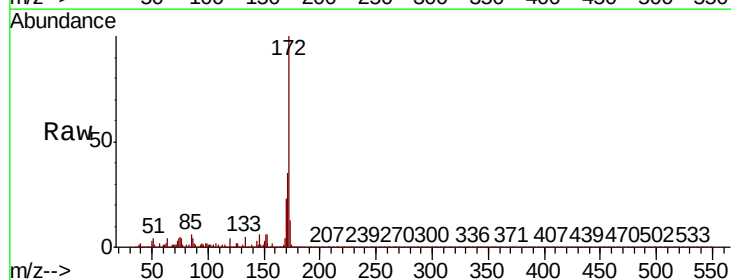


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

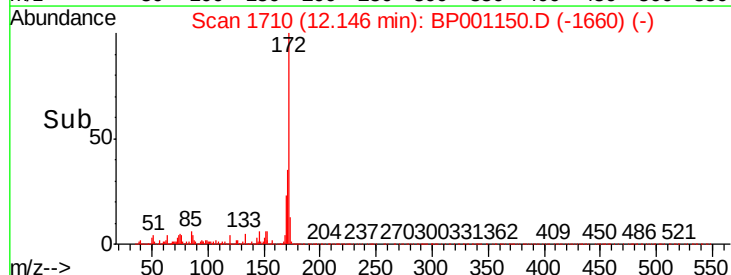
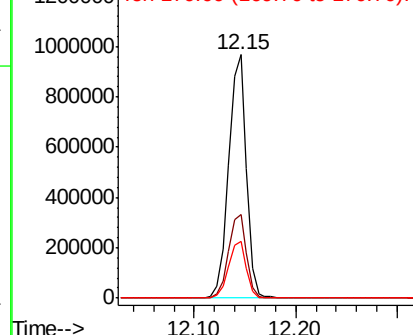


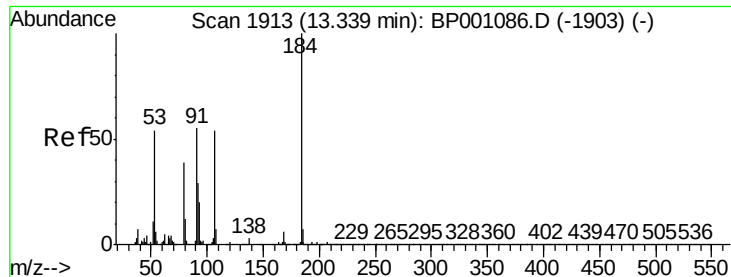
#45
2-Fluorobiphenyl
Concen: 55.395 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

Tgt Ion:172 Resp: 1170549
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 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

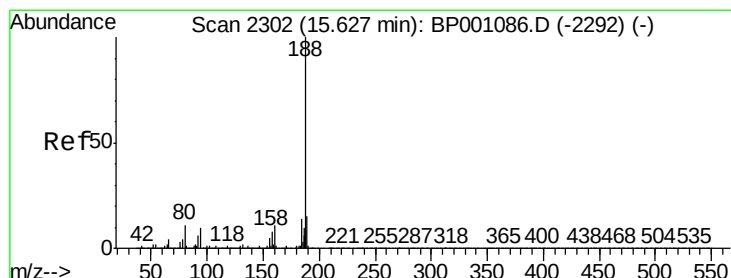
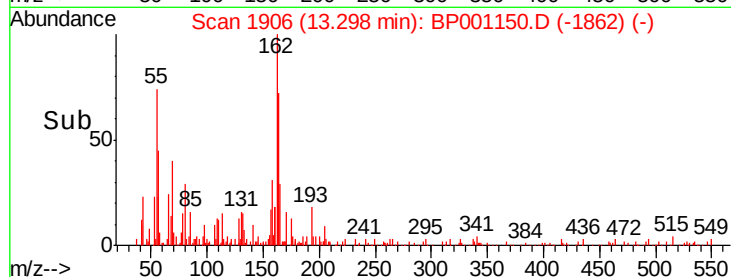
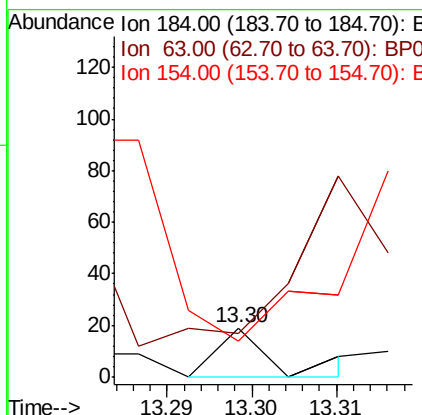
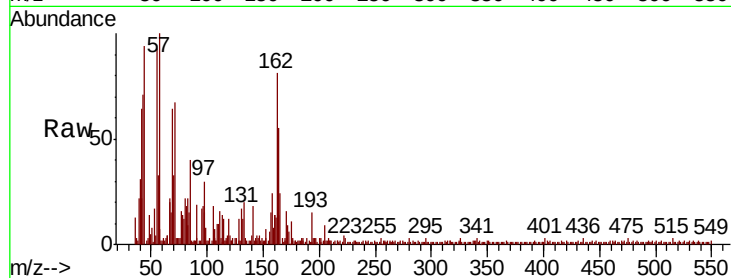




#54
2,4-Dinitrophenol
Concen: 7.114 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.04 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

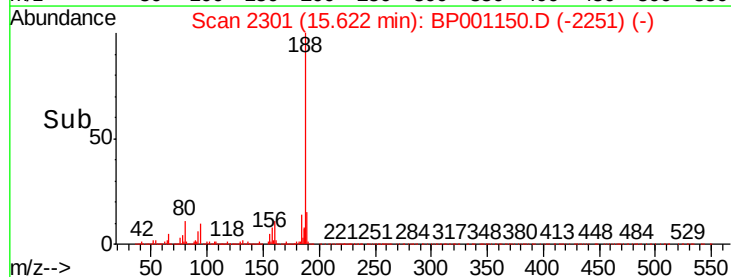
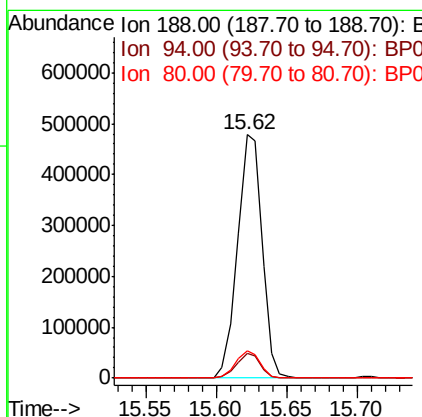
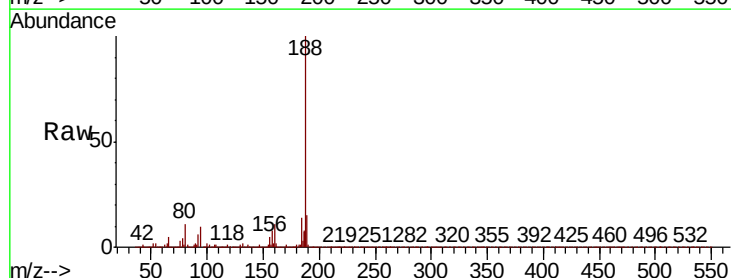
Instrument :
BNA_P
ClientSampleId :

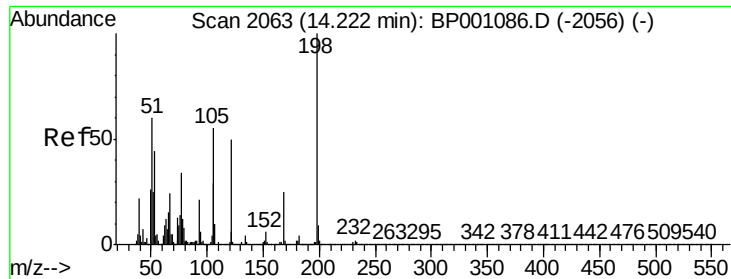
Tot Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 89.5 60.7 91.1
154 73.7 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001150.D
Acq: 03 Dec 2019 04:59

Tgt Ion:188 Resp: 579614
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.3 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.285 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001150.D

Acq: 03 Dec 2019 04:59

Instrument :

BNA_P

ClientSampleId :

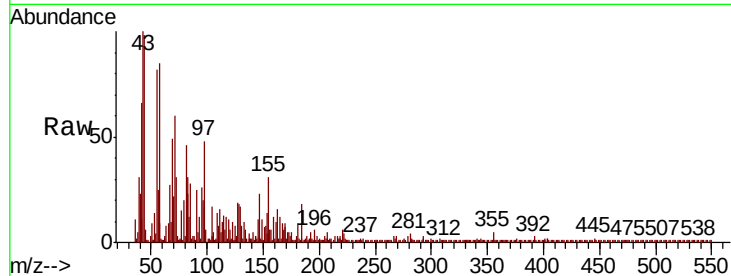
Tot Ion:198 Resp: 24

Ion Ratio Lower Upper

198 100

51 377.3 40.5 80.5#

105 681.8 35.7 75.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

400

300

200

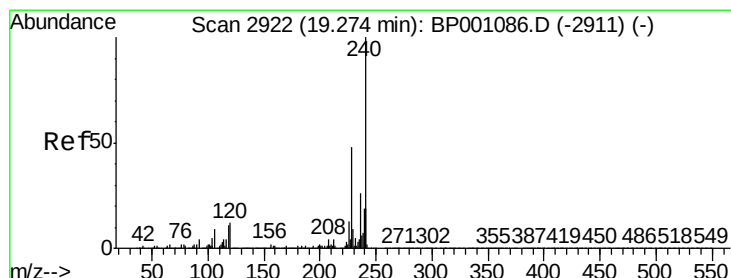
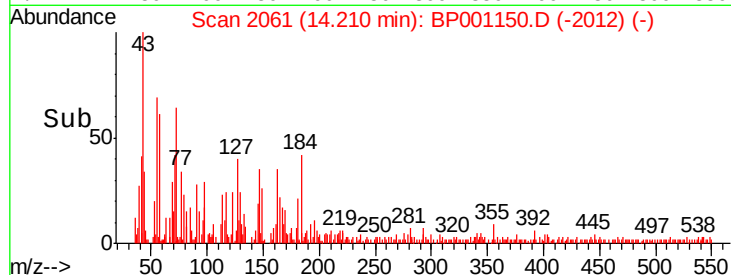
100

0

14.18 14.20 14.22 14.24

14.21

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001150.D

Acq: 03 Dec 2019 04:59

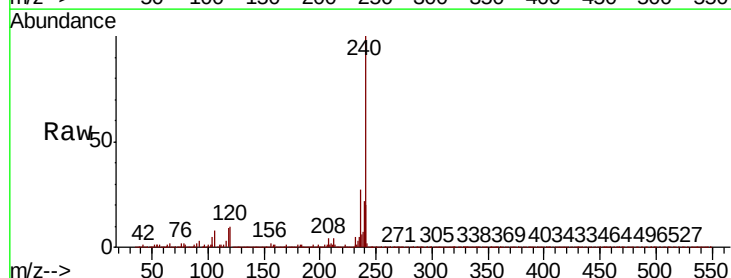
Tgt Ion:240 Resp: 470953

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

236 26.7 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

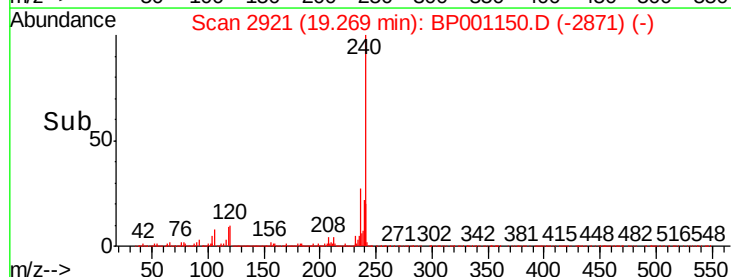
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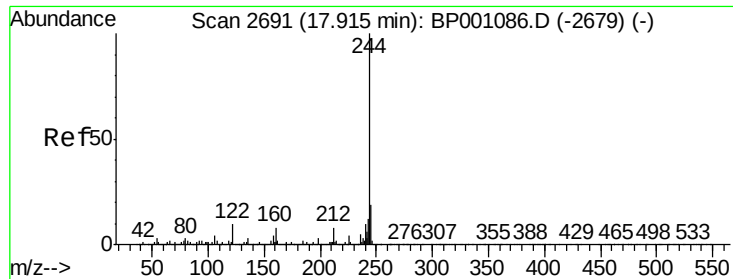
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19.20 19.30

19.27

Time-->

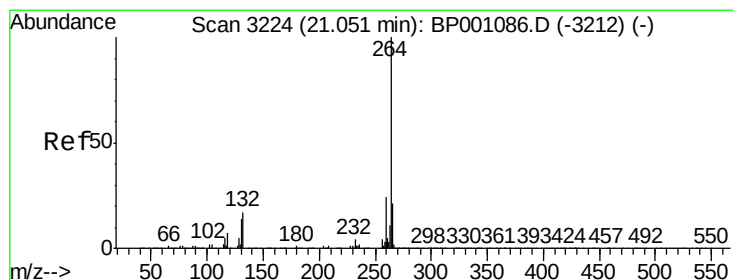
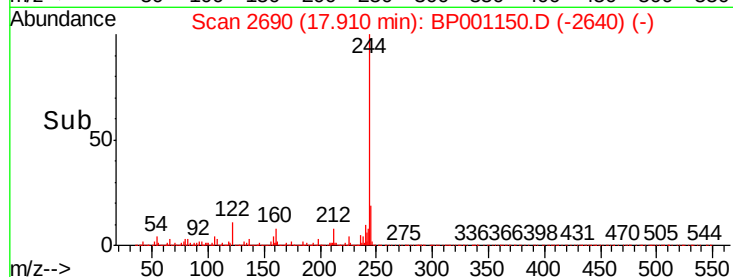
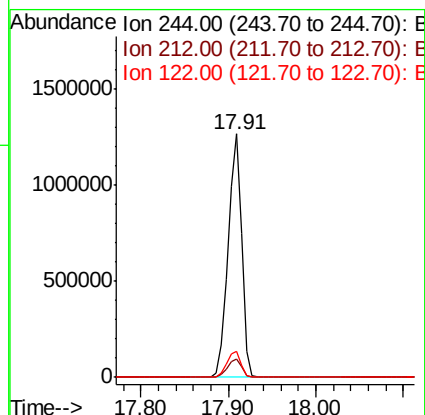
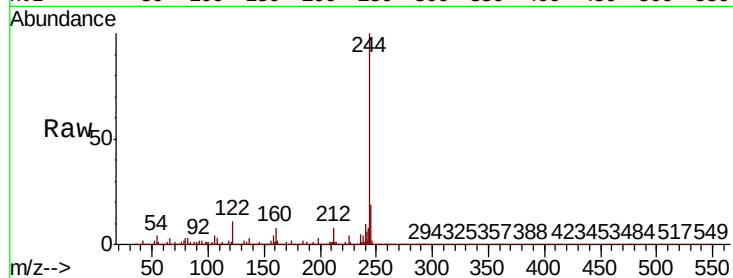




#79
 Terphenyl-d14
 Concen: 53.848 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1370746
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.8 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: BP001150.D
 Acq: 03 Dec 2019 04:59

Tgt Ion:264 Resp: 524502
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 16.9 25.3

