

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001152.D
 Acq On : 03 Dec 2019 05:59
 Operator : JU
 Sample : K6014-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:45:08 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

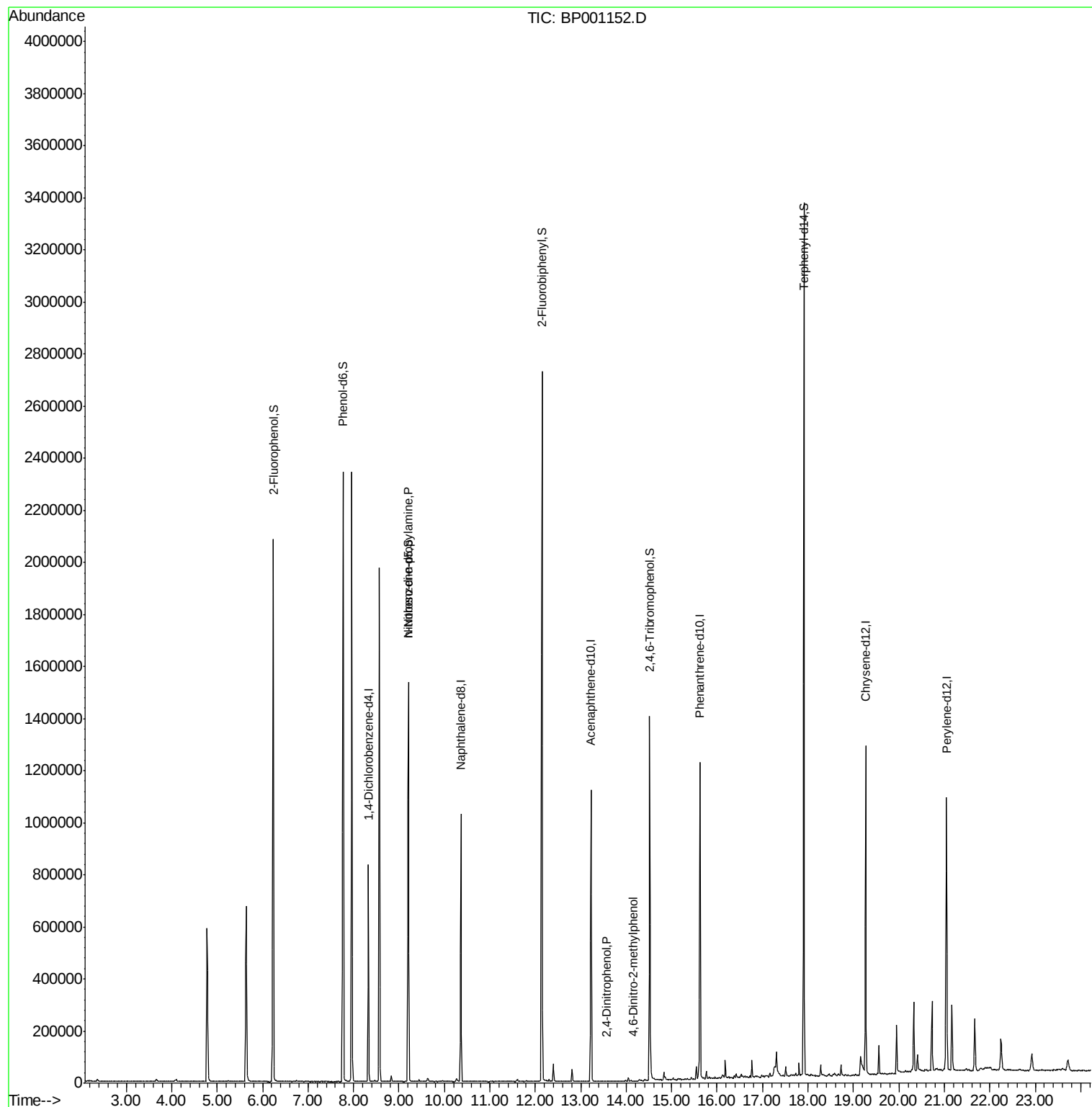
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	148745	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	549695	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	302098	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	580671	20.00	ng	0.00
76) Chrysene-d12	19.27	240	471943	20.00	ng	0.00
87) Perylene-d12	21.04	264	513218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	667160	74.41	ng	0.00
7) Phenol-d6	7.77	99	975388	81.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	655503	51.74	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	189055	65.29	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1099060	53.25	ng	0.00
79) Terphenyl-d14	17.91	244	1314551	51.53	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	107	Below Cal		Qvalue # 63
19) n-Nitroso-di-n-propylamine	9.20	70	90973	10.555	ng	# 82
54) 2,4-Dinitrophenol	13.57	184	17	7.117	ng	94
65) 4,6-Dinitro-2-methylphenol	14.16	198	25	6.285	ng	# 25

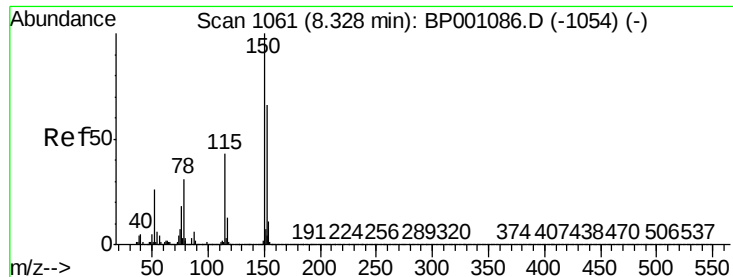
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001152.D
Acq On : 03 Dec 2019 05:59
Operator : JU
Sample : K6014-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 03 07:45:08 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

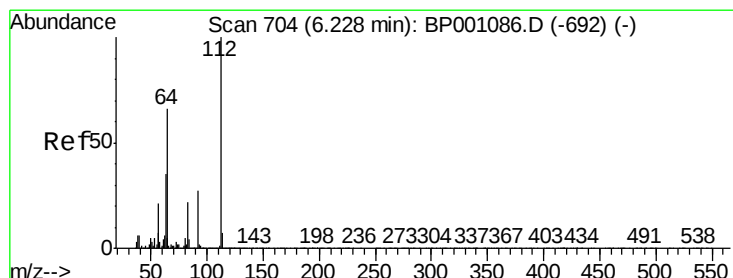
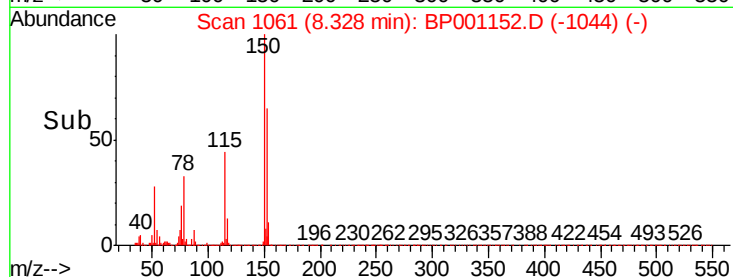
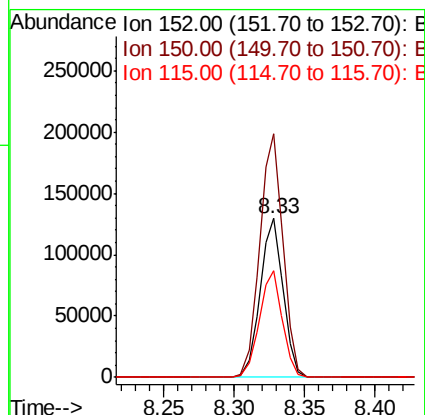
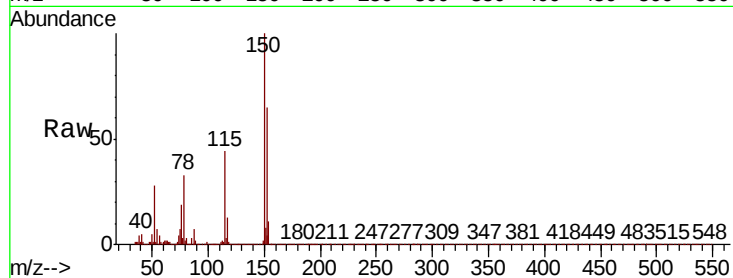




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

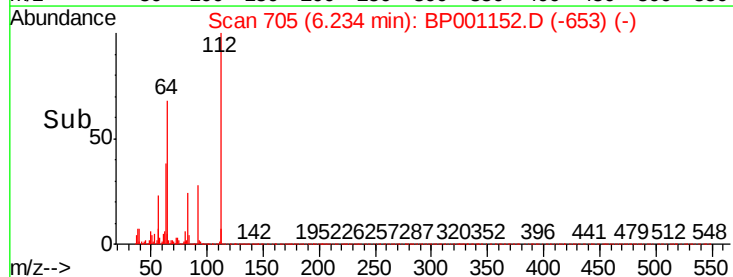
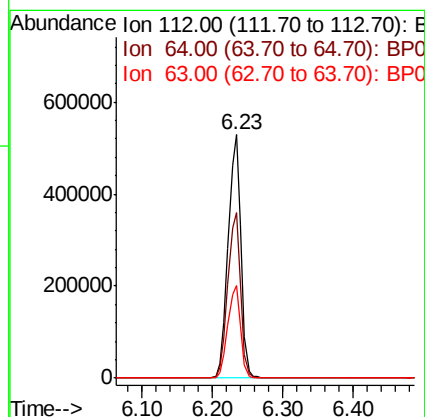
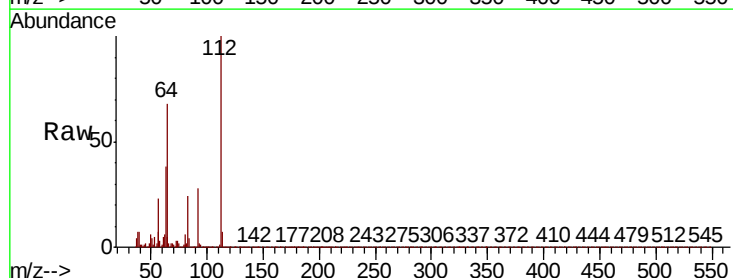
Instrument :
 BNA_P
 ClientSampled :

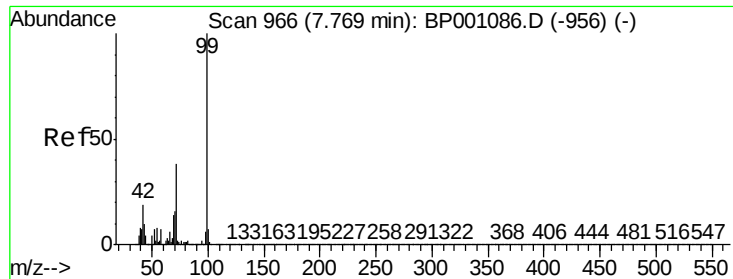
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	120.6	181.0
115	66.7	51.6	77.4



#5
 2-Fluorophenol
 Concen: 74.414 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.8	79.2
63	37.9	28.2	42.2





#7

Phenol-d6

Concen: 81.662 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001152.D

Acq: 03 Dec 2019 05:59

Instrument :

BNA_P

ClientSampleId :

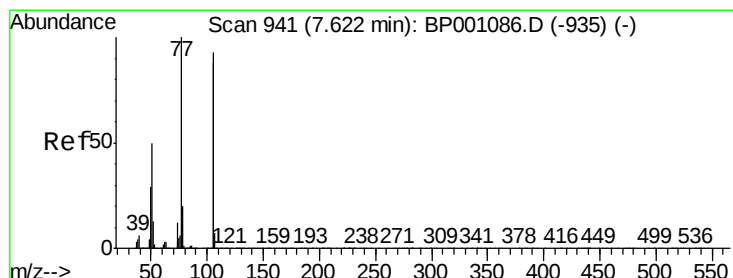
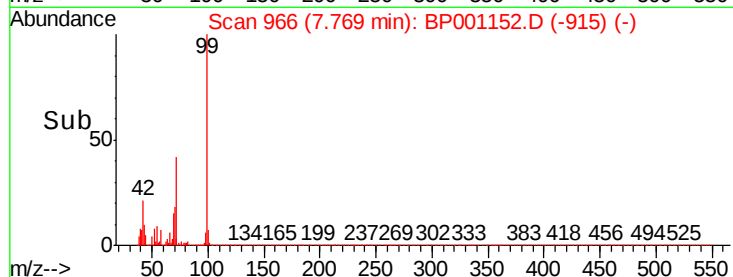
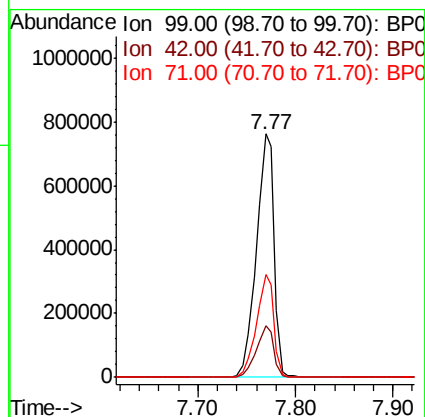
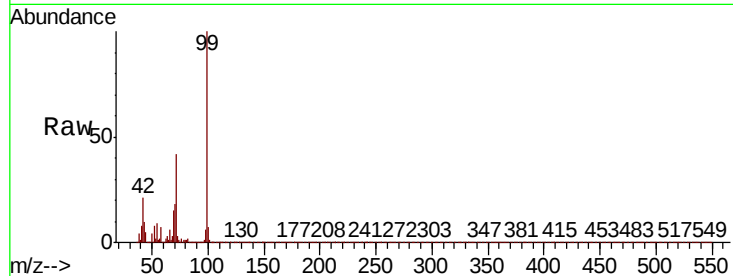
Tot Ion: 99 Resp: 975388

Ion Ratio Lower Upper

99 100

42 21.3 15.4 23.0

71 42.3 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BP001152.D

Acq: 03 Dec 2019 05:59

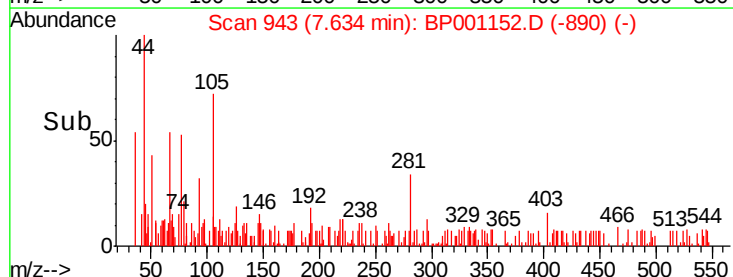
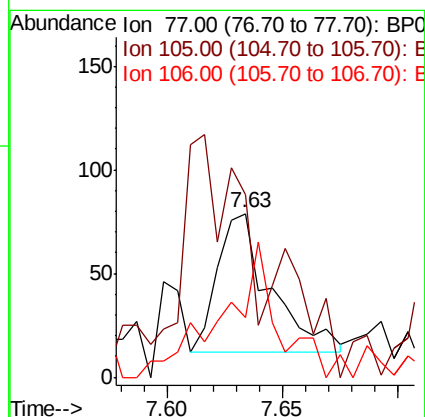
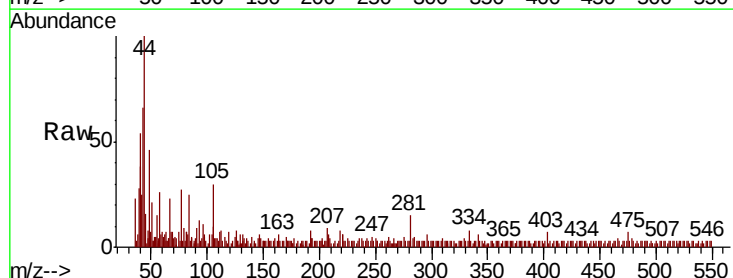
Tgt Ion: 77 Resp: 107

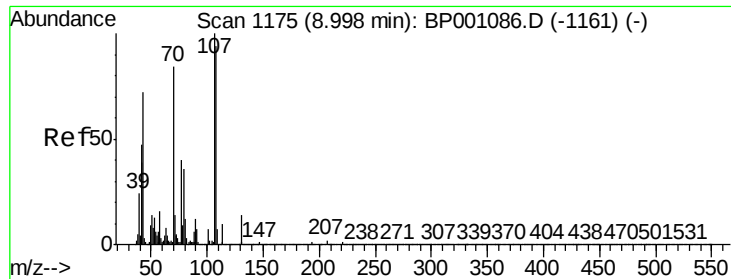
Ion Ratio Lower Upper

77 100

105 111.4 72.5 112.5

106 36.7 67.6 107.6#

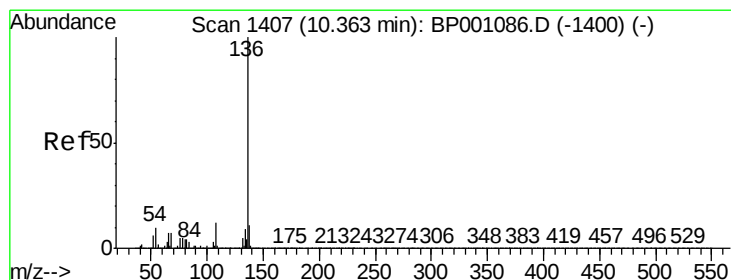
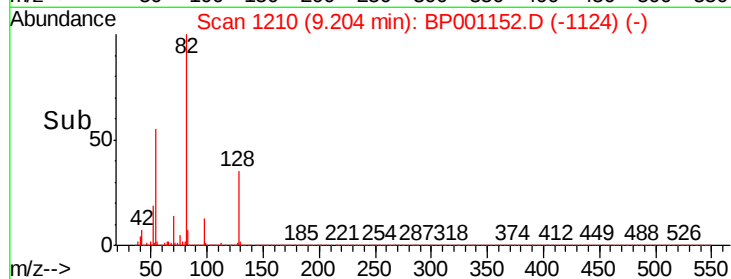
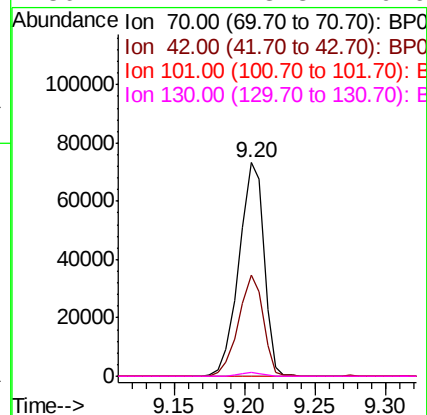
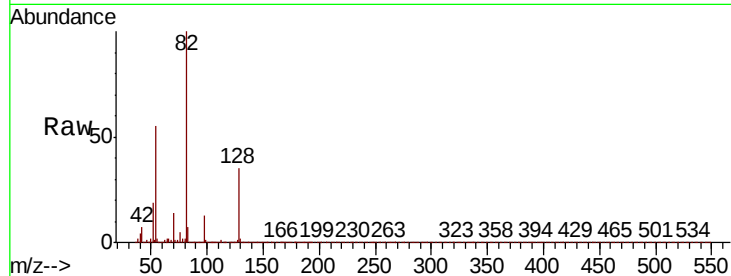




#19
n-Nitroso-di-n-propylamine
Concen: 10.555 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

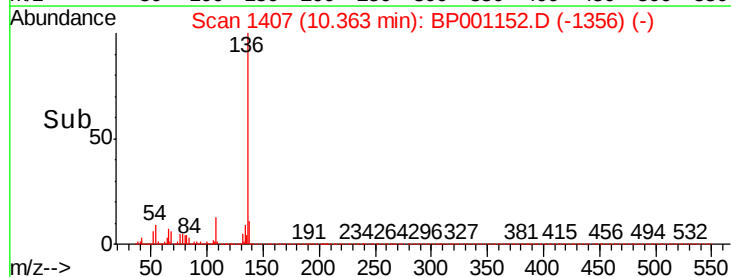
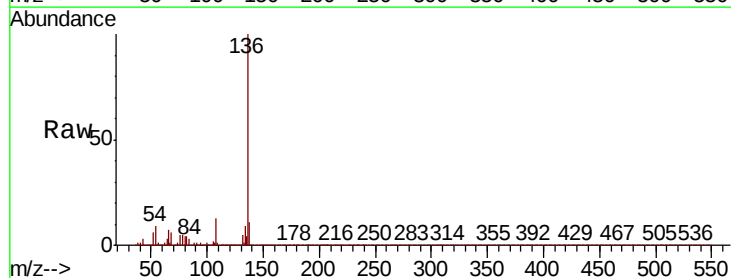
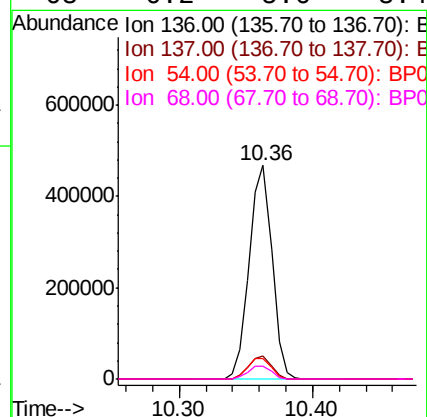
Instrument :
BNA_P
ClientSampled :

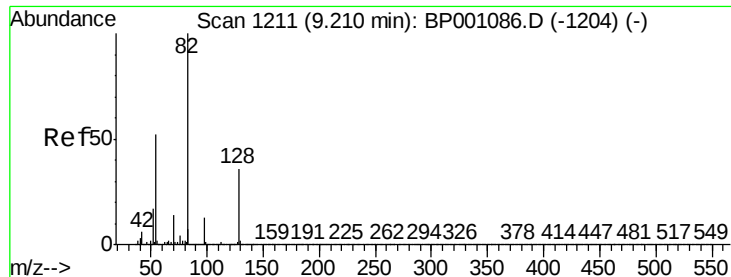
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	44.6	66.8
101	0.1	7.1	10.7#
130	1.7	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.4	7.9	11.9
68	6.2	5.6	8.4

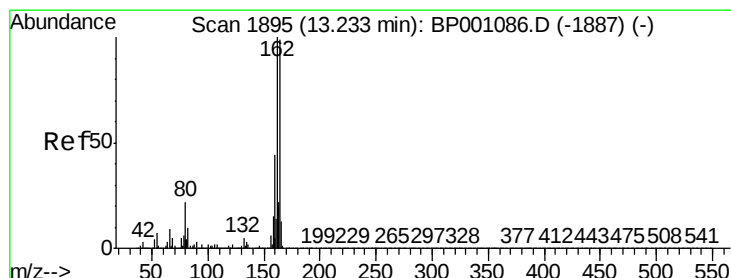
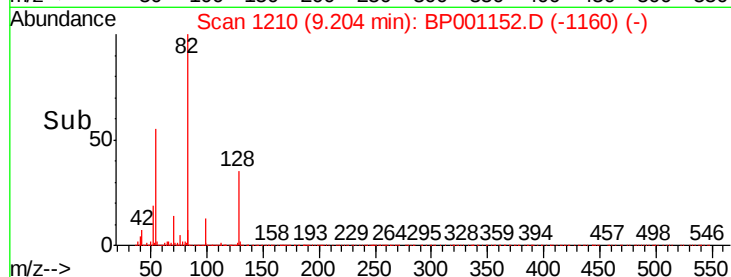
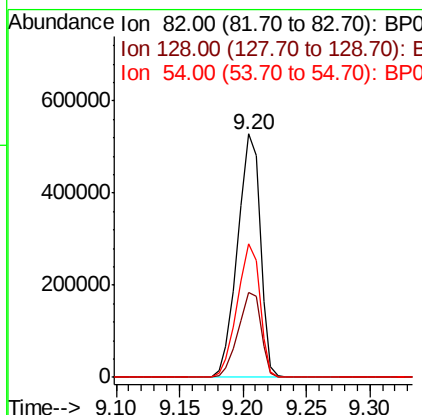
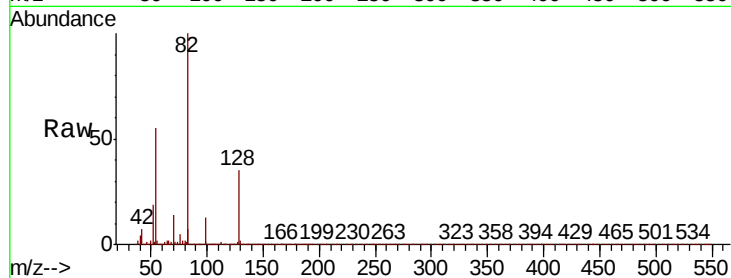




#23
 Nitrobenzene-d5
 Concen: 51.737 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

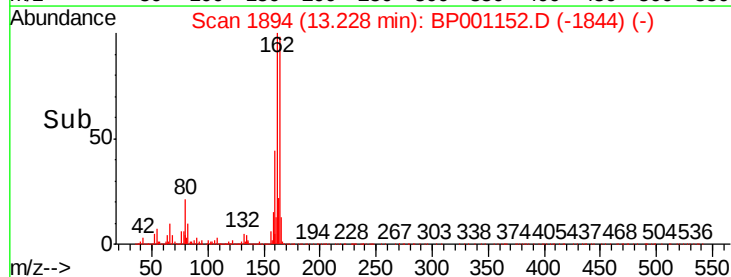
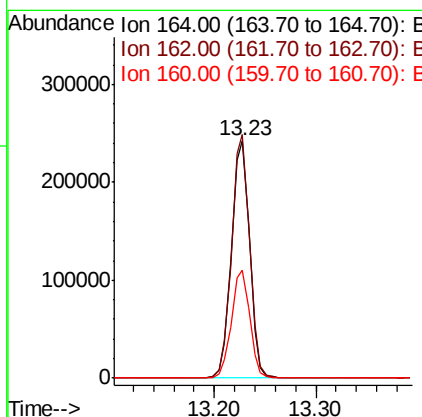
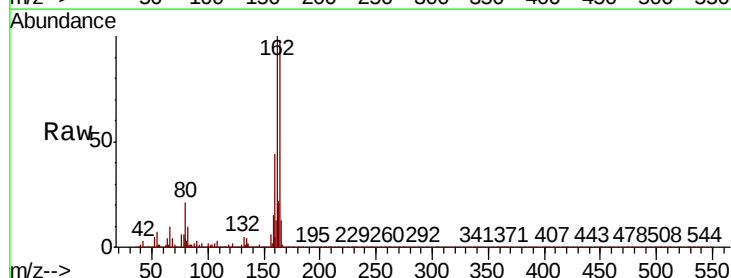
Instrument :
 BNA_P
 ClientSampleId :

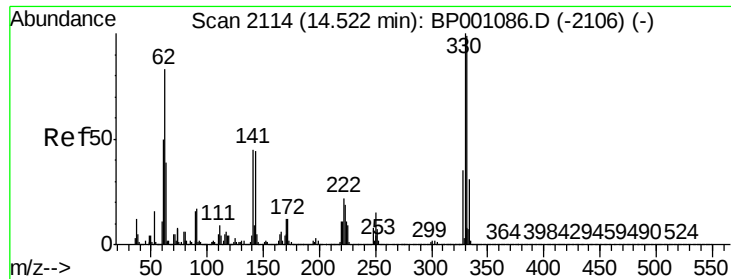
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.9	43.3
54	55.1	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.2	35.4	53.2

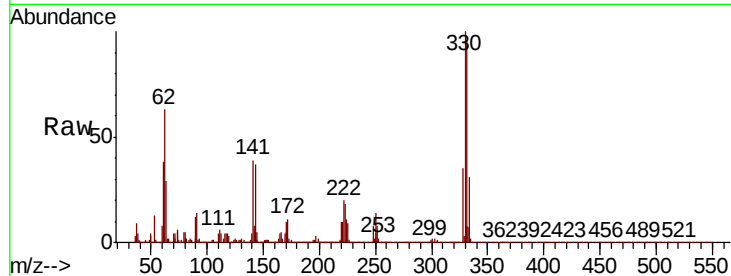




#42
2,4,6-Tribromophenol
Concen: 65.290 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	44.1	34.2	51.2

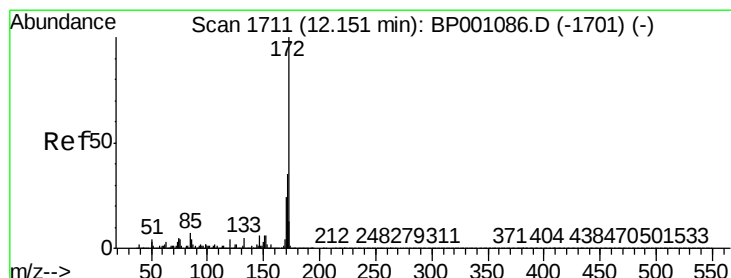
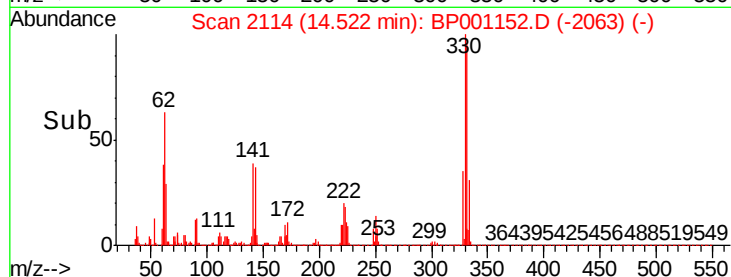
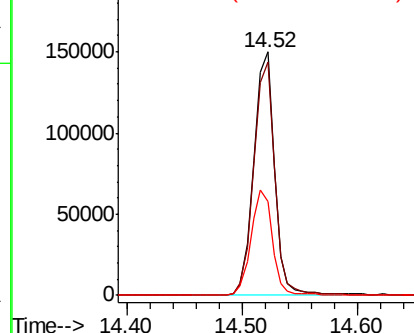


Abundance

Ion 329.80 (329.50 to 330.50): E

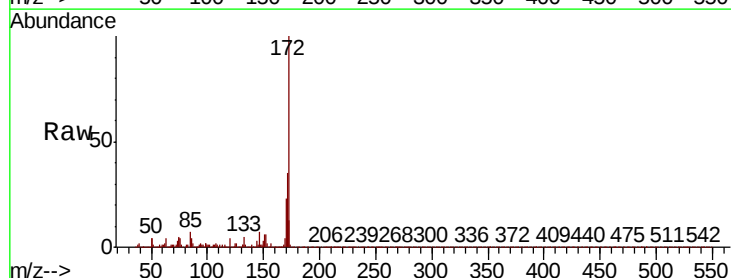
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 53.246 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.1	19.0	28.4

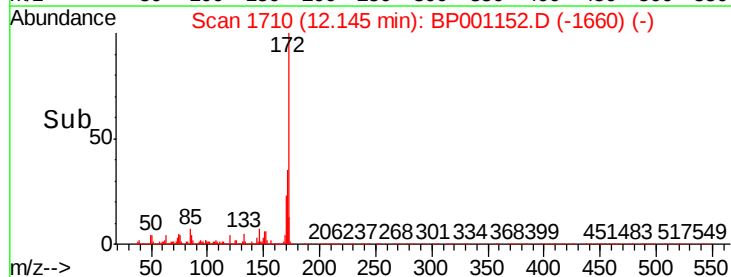
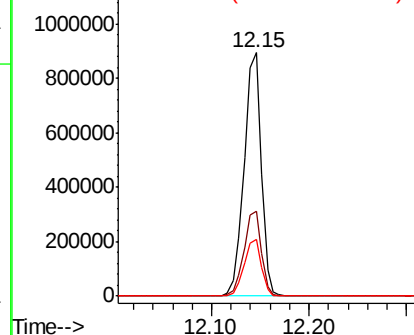


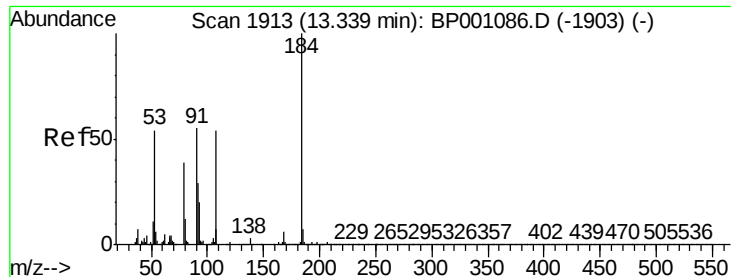
Abundance

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

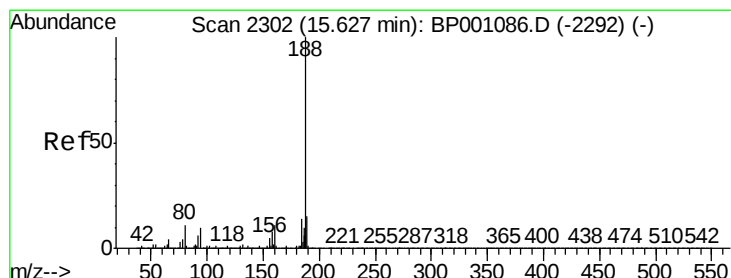
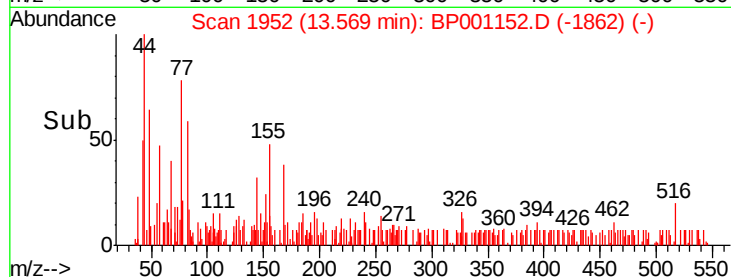
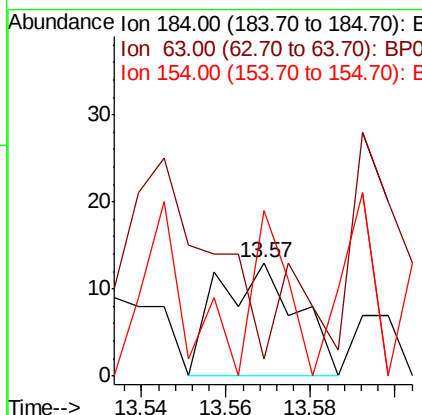
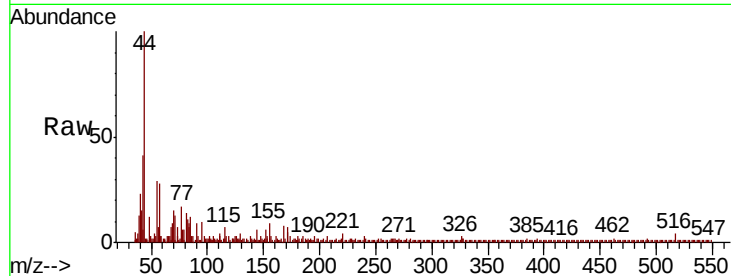




#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.23 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

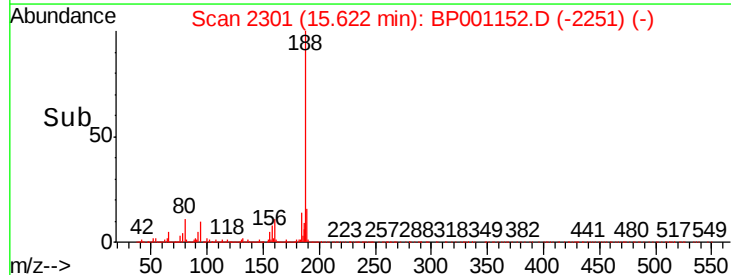
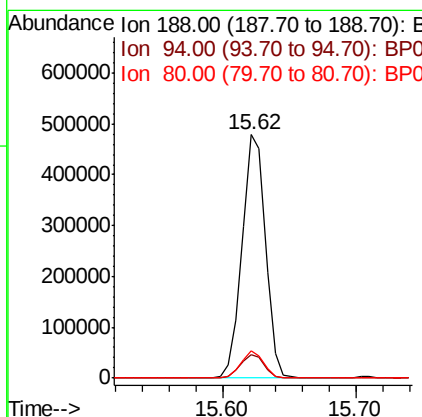
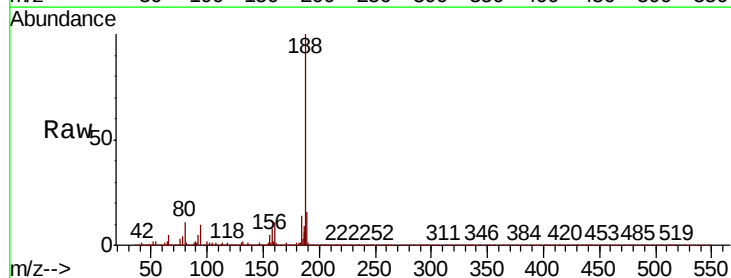
Instrument :
BNA_P
ClientSampleId :

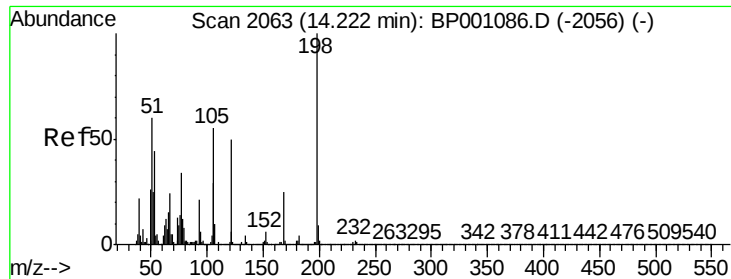
Tot Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 74.2 60.7 91.1
154 61.3 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001152.D
Acq: 03 Dec 2019 05:59

Tgt Ion:188 Resp: 580671
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.0 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.285 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.06 min

Lab File: BP001152.D

Acq: 03 Dec 2019 05:59

Instrument :

BNA_P

ClientSampleId :

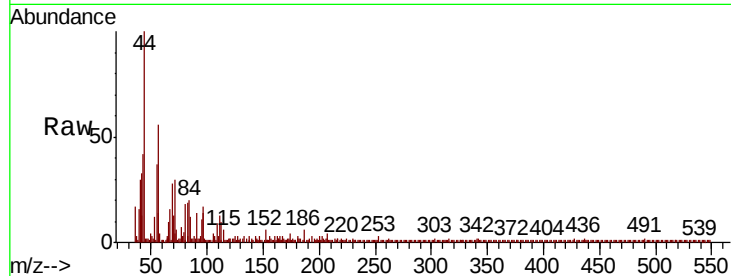
Tot Ion:198 Resp: 25

Ion Ratio Lower Upper

198 100

51 81.5 40.5 80.5#

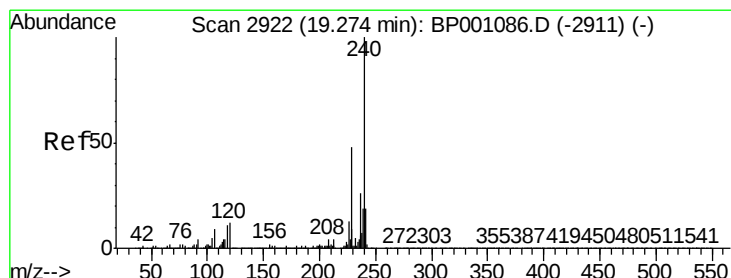
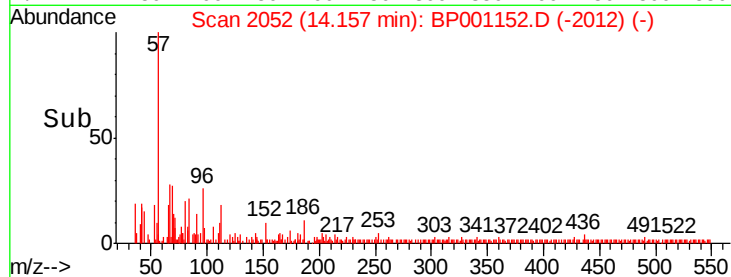
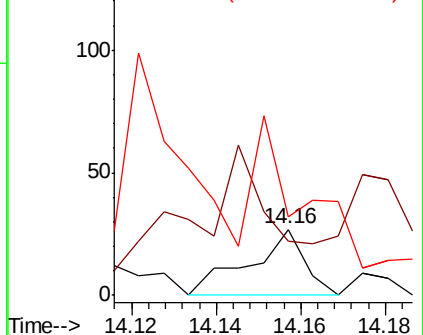
105 148.1 35.7 75.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001152.D

Acq: 03 Dec 2019 05:59

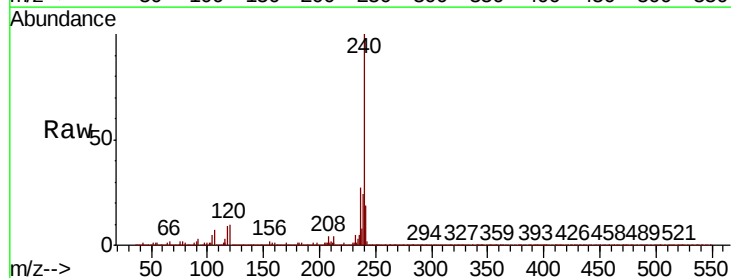
Tgt Ion:240 Resp: 471943

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

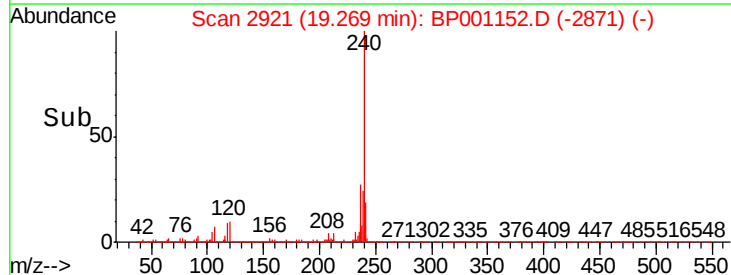
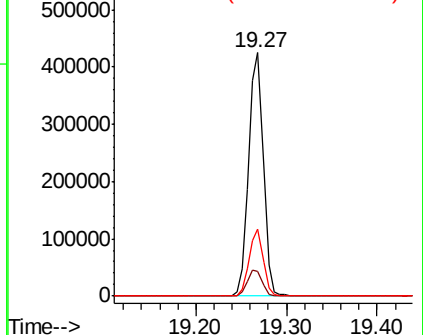
236 27.5 20.4 30.6

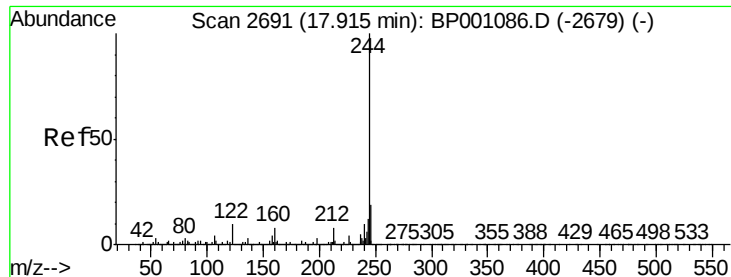


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

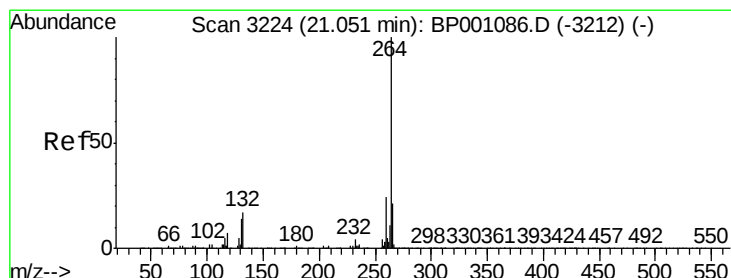
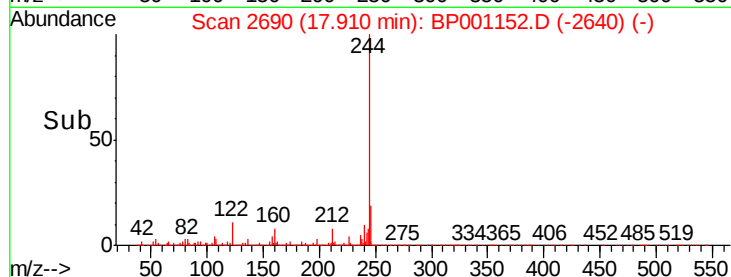
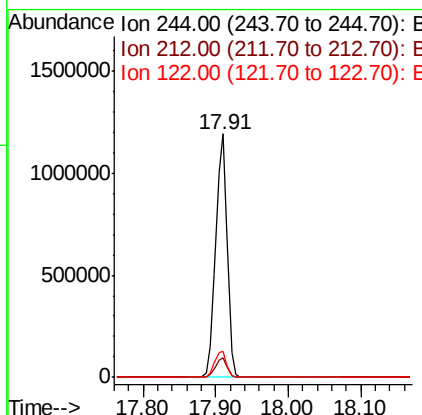
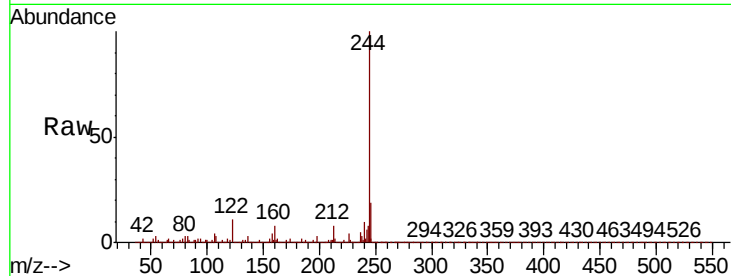




#79
 Terphenyl-d14
 Concen: 51.533 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1314551
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.7 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BP001152.D
 Acq: 03 Dec 2019 05:59

Tgt Ion:264 Resp: 513218
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 16.9 25.3

