

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001265.D
 Acq On : 07 Dec 2019 20:33
 Operator : JU
 Sample : K6147-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:45:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

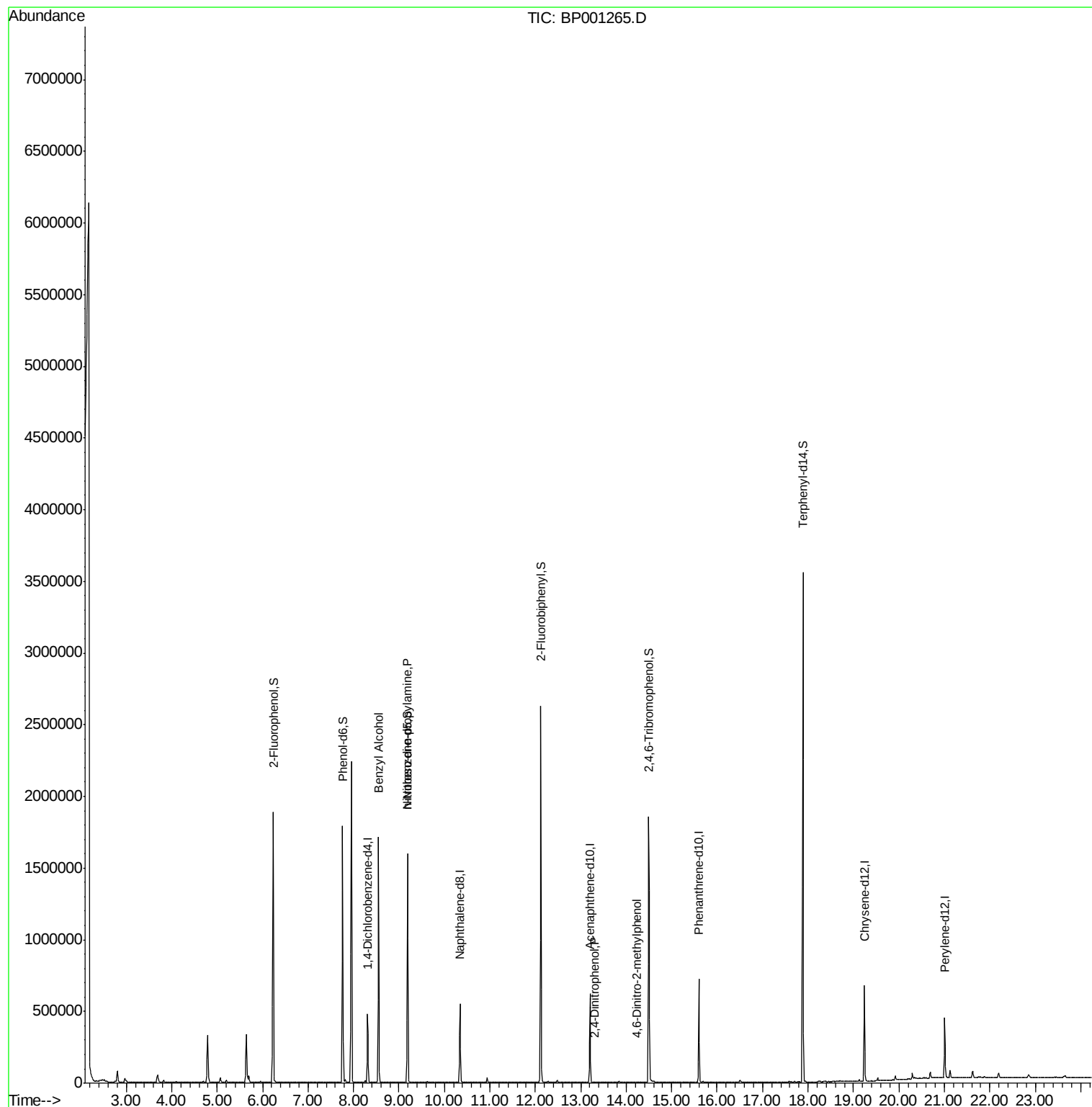
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	75953	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	283754	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	160845	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	317014	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	244674	20.00	ng	-0.02
87) Perylene-d12	21.01	264	199371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	573788	125.34	ng	0.02
7) Phenol-d6	7.76	99	688751	112.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	613054	93.74	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	244953	158.89	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	990755	90.15	ng	-0.01
79) Terphenyl-d14	17.89	244	1326216	100.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	197	Below Cal	Qvalue #	58
15) Benzyl Alcohol	8.55	79	11703	2.338 ng	#	55
19) n-Nitroso-di-n-propylamine	9.19	70	89542	20.346 ng	#	76
54) 2,4-Dinitrophenol	13.31	184	22	7.128 ng	#	60
65) 4,6-Dinitro-2-methylphenol	14.25	198	20	6.289 ng	#	19

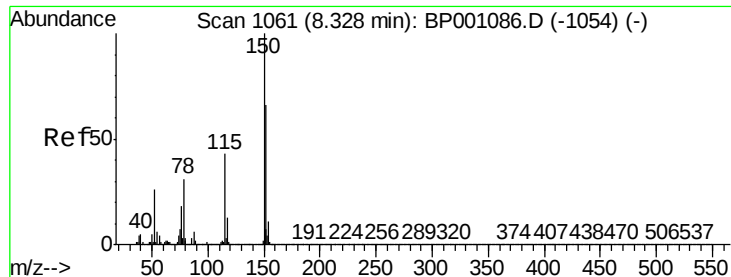
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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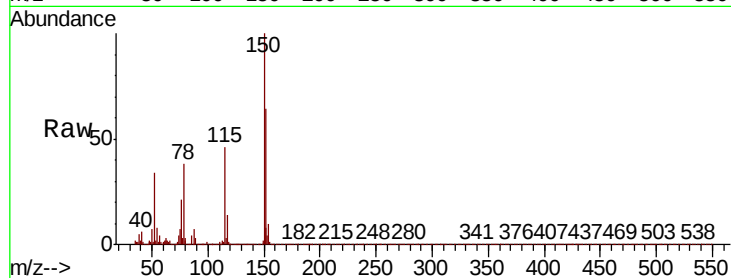




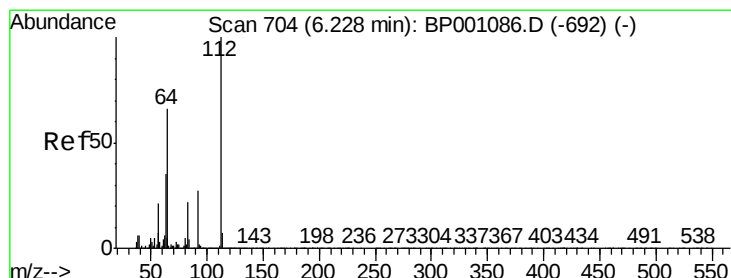
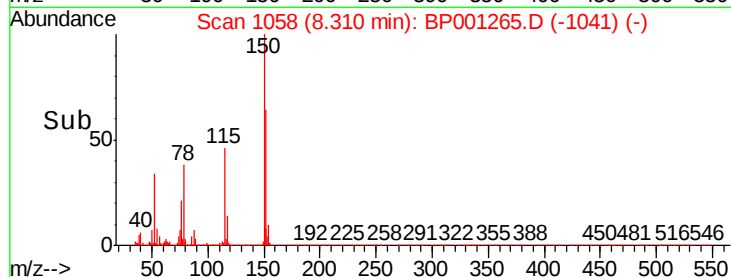
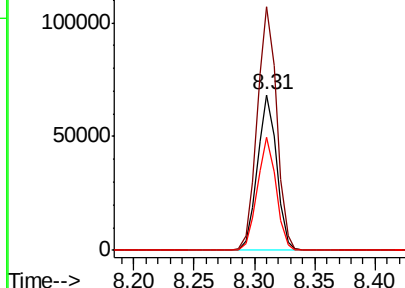
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001265.D
 Acq: 07 Dec 2019 20:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.3	190.9
115	72.6	56.0	84.0

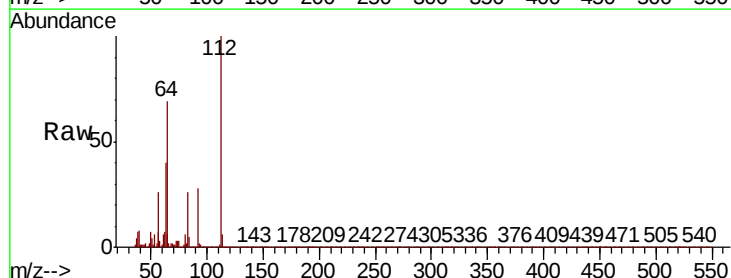


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

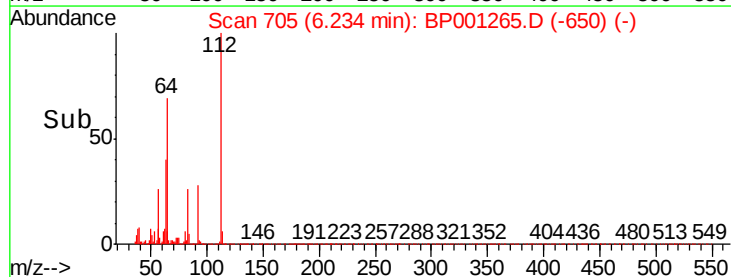
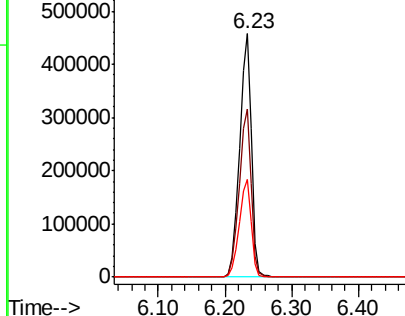


#5
 2-Fluorophenol
 Concen: 125.336 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.02 min
 Lab File: BP001265.D
 Acq: 07 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.8	85.2
63	40.3	32.2	48.2



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: 112.928 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001265.D

Acq: 07 Dec 2019 20:33

Instrument :

BNA_P

ClientSampleId :

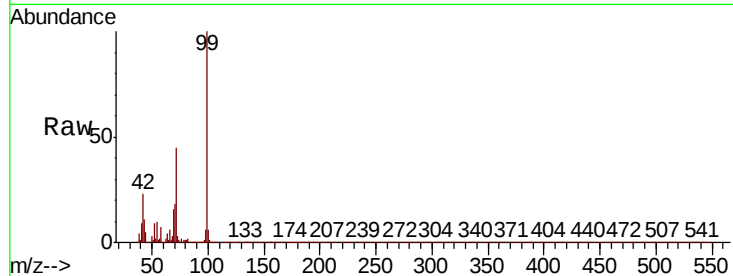
Tot Ion: 99 Resp: 688751

Ion Ratio Lower Upper

99 100

42 23.1 17.6 26.4

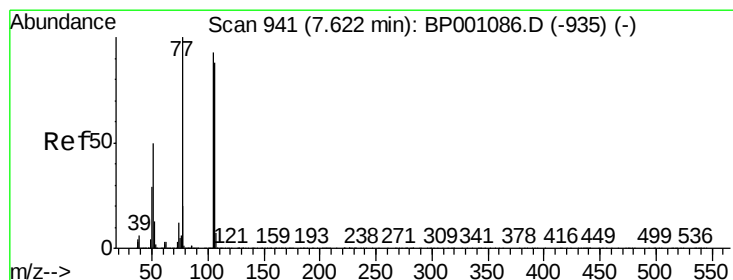
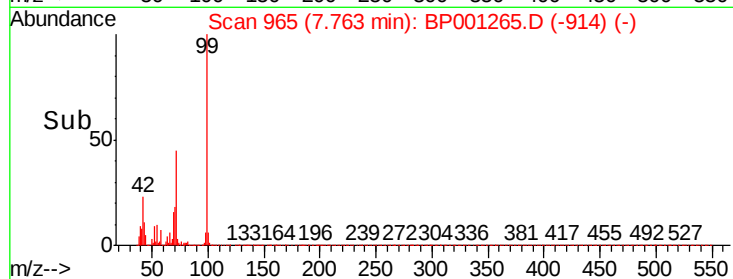
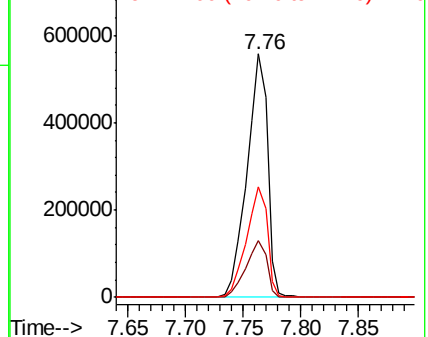
71 45.2 33.8 50.8



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: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001265.D

Acq: 07 Dec 2019 20:33

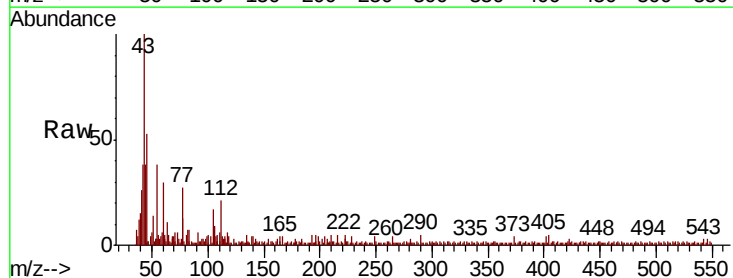
Tgt Ion: 77 Resp: 197

Ion Ratio Lower Upper

77 100

105 65.5 69.7 109.7#

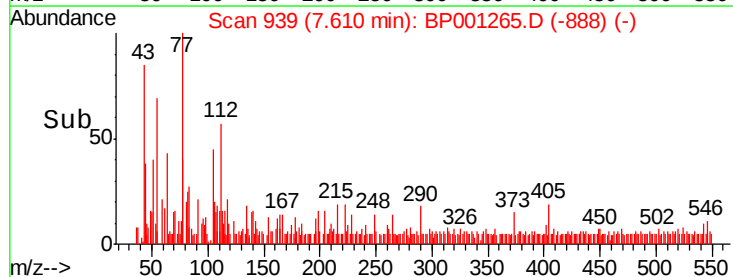
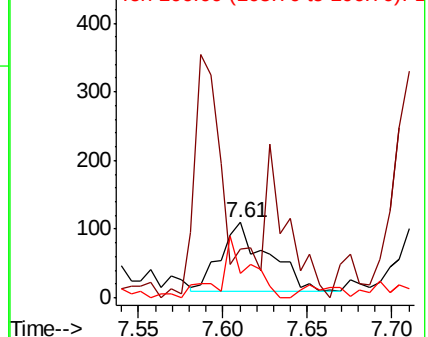
106 32.7 67.1 107.1#

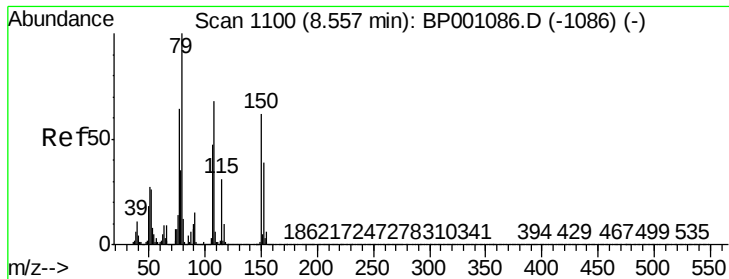


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

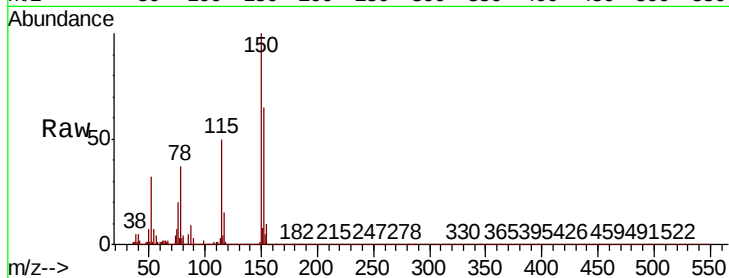




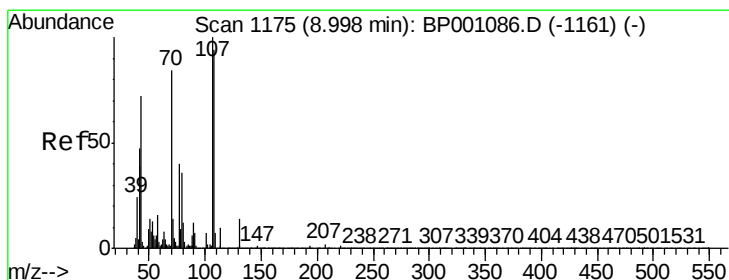
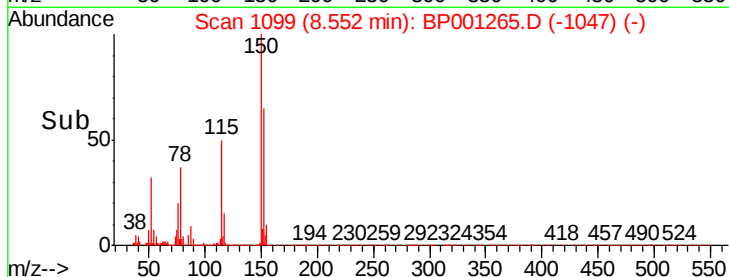
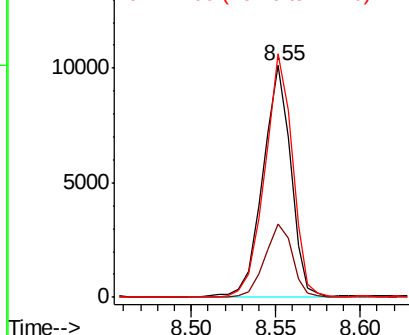
#15
Benzyl Alcohol
Concen: 2.338 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Instrument :
BNA_P
ClientSampled :

Tot Ion: 79 Resp: 11703
Ion Ratio Lower Upper
79 100
108 31.5 51.6 77.4#
77 104.9 53.5 80.3#

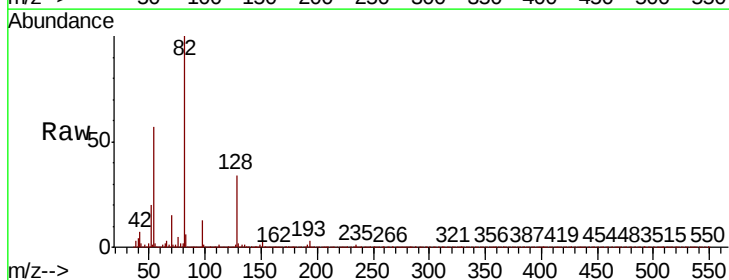


Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0

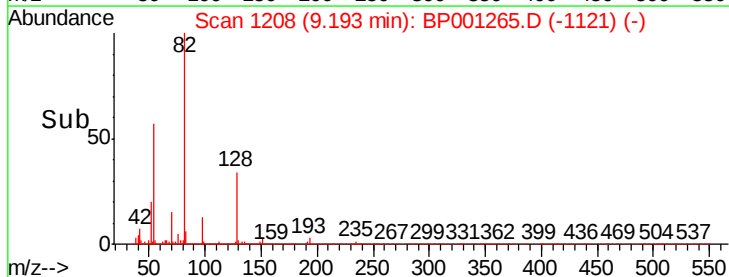
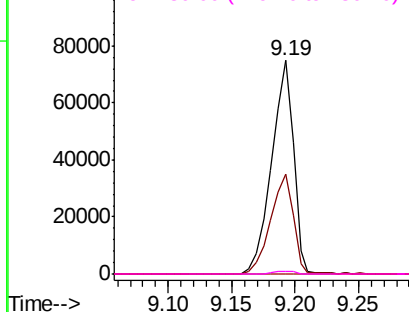


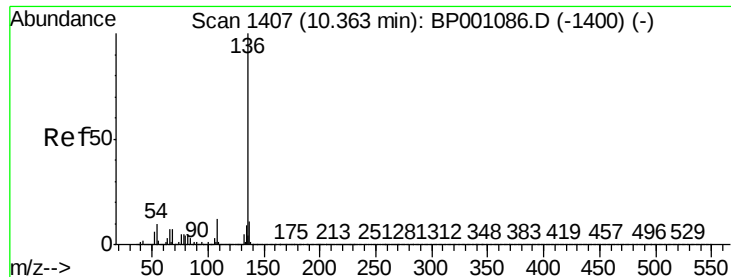
#19
n-Nitroso-di-n-propylamine
Concen: 20.346 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Tgt Ion: 70 Resp: 89542
Ion Ratio Lower Upper
70 100
42 46.7 50.6 76.0#
101 0.1 7.1 10.7#
130 1.4 13.6 20.4#



Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

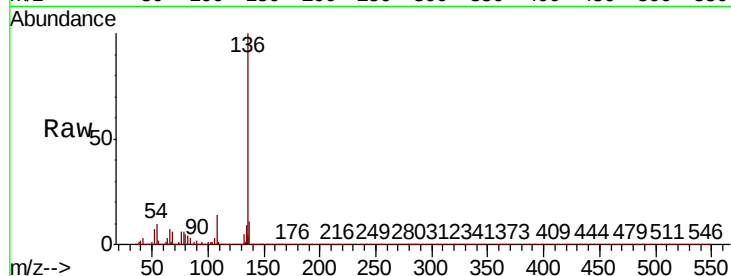




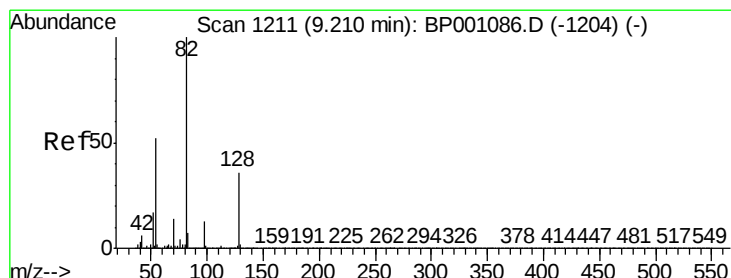
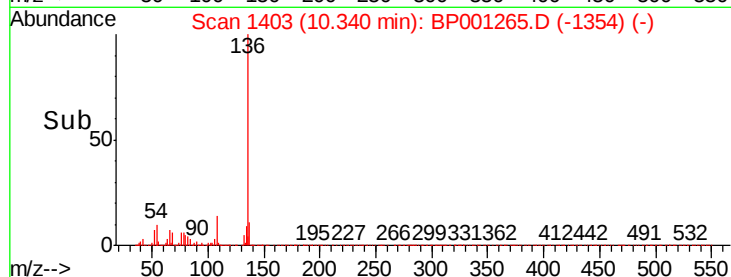
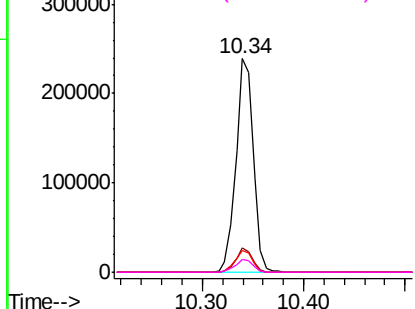
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	283754	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.4	12.6	
54 10.2	7.4	11.0	
68 5.9	4.6	7.0	

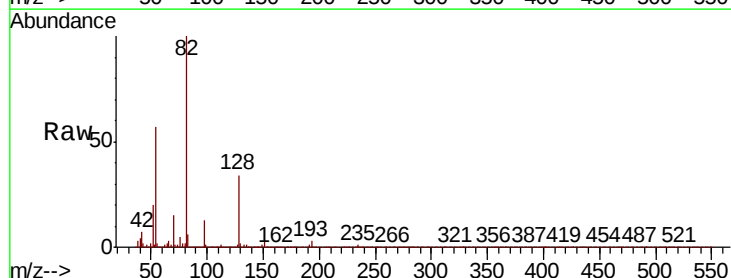


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

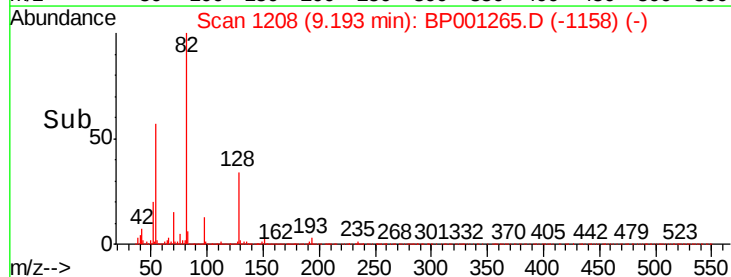
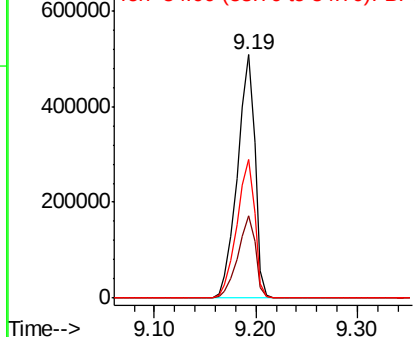


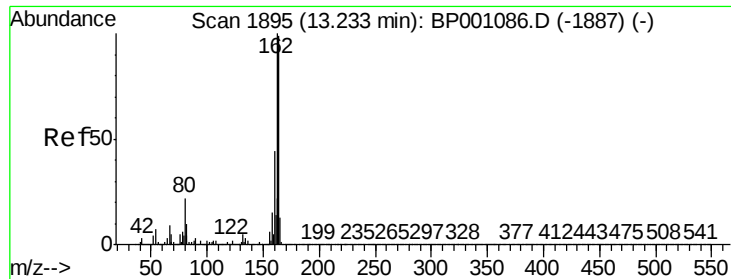
#23
Nitrobenzene-d5
Concen: 93.736 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Tgt	Ion: 82	Resp:	613054
Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.5	41.3
54	57.1	45.7	68.5



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

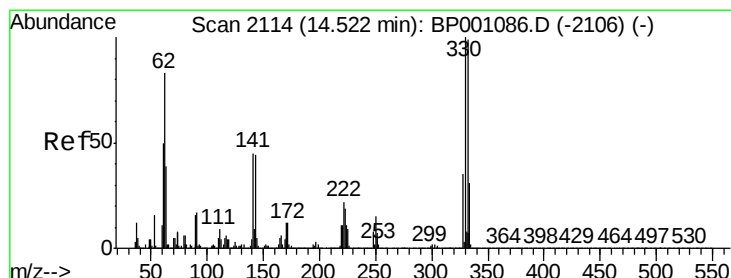
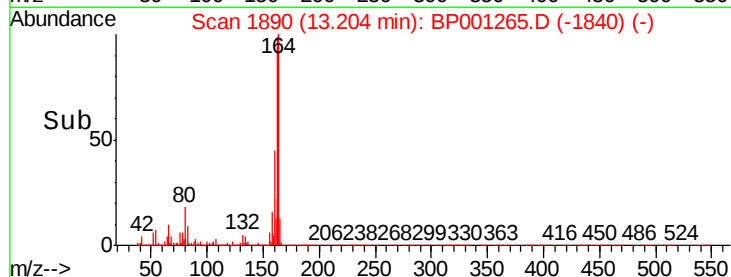
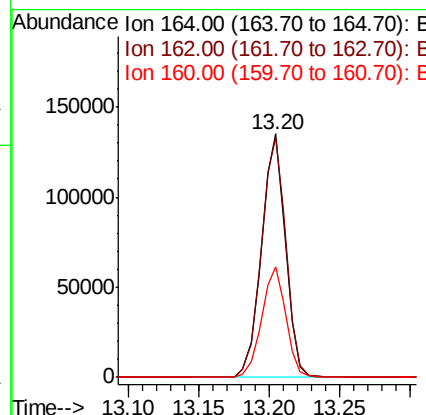
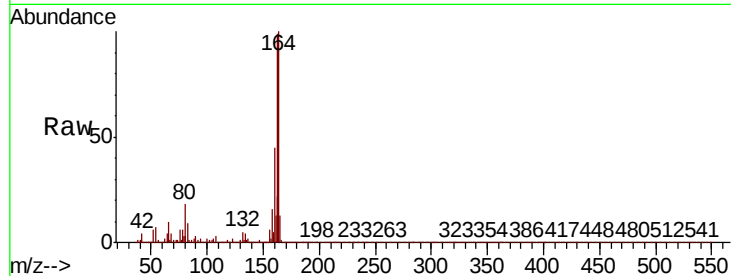




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

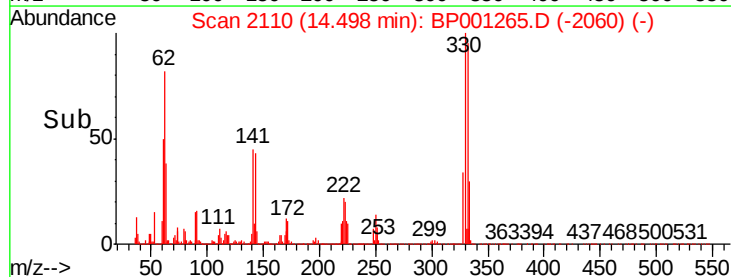
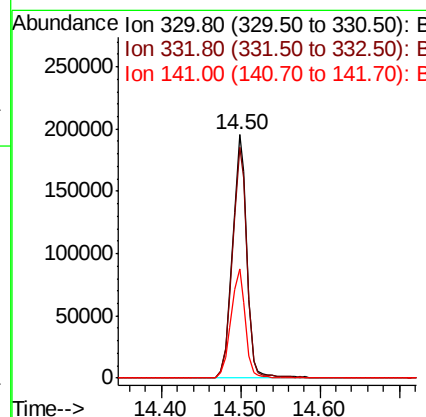
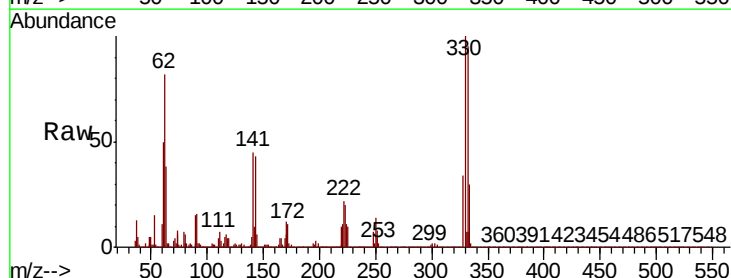
Instrument :
BNA_P
ClientSampleId :

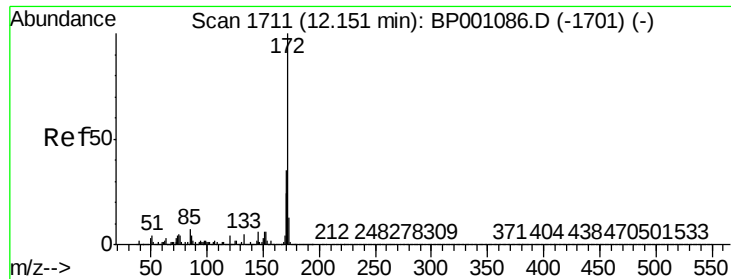
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.7	121.1
160	45.2	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 158.885 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	45.2	35.9	53.9

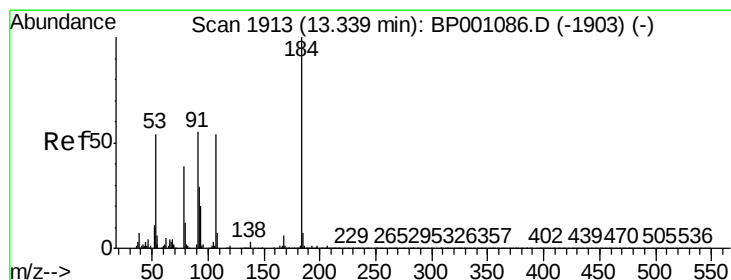
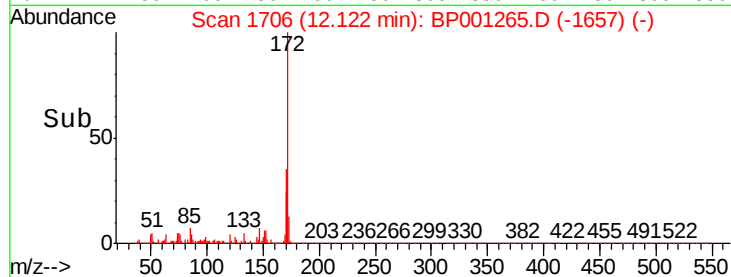
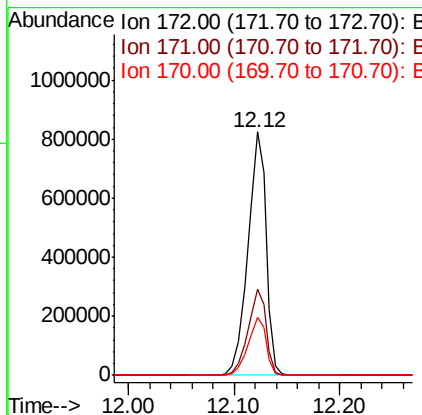
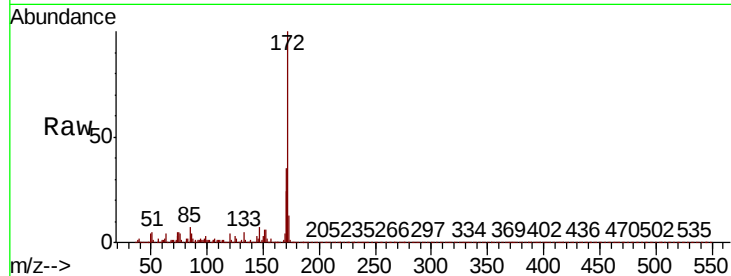




#45
2-Fluorobiphenyl
Concen: 90.152 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

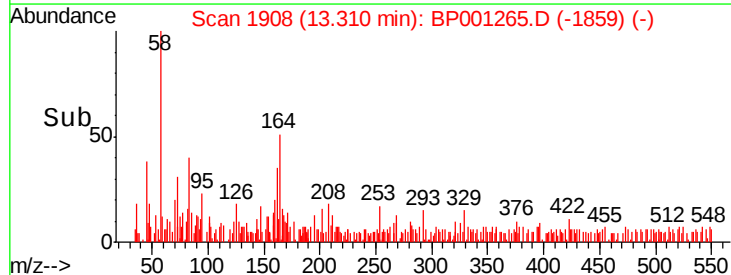
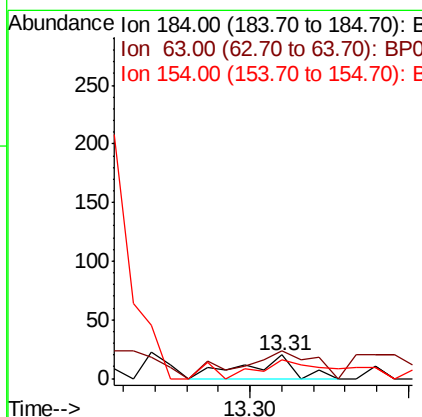
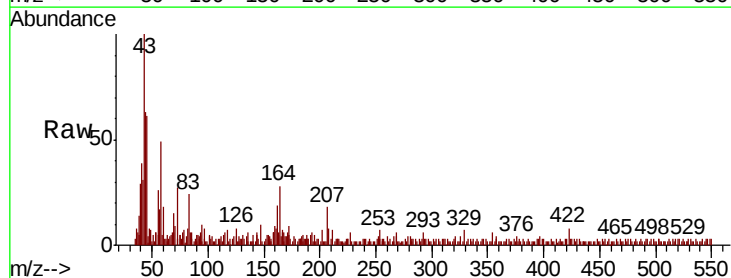
Instrument :
BNA_P
ClientSampleId :

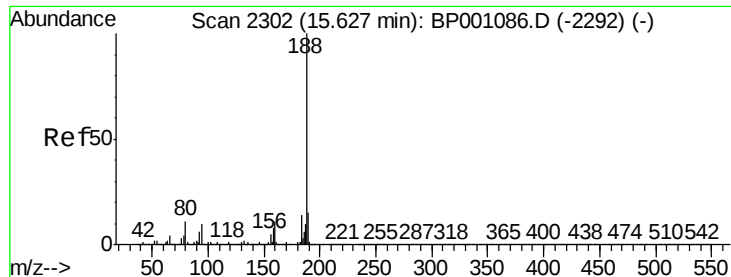
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.8	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 7.128 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	115.0	69.4	104.0#
154	115.0	57.4	86.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001265.D

Acq: 07 Dec 2019 20:33

Instrument :

BNA_P

ClientSampleId :

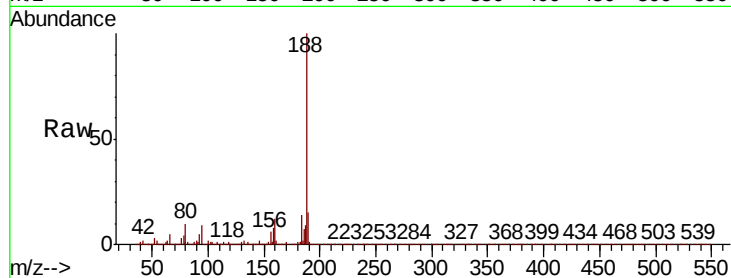
Tot Ion:188 Resp: 317014

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

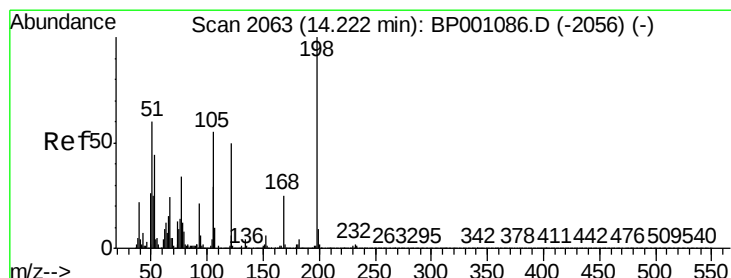
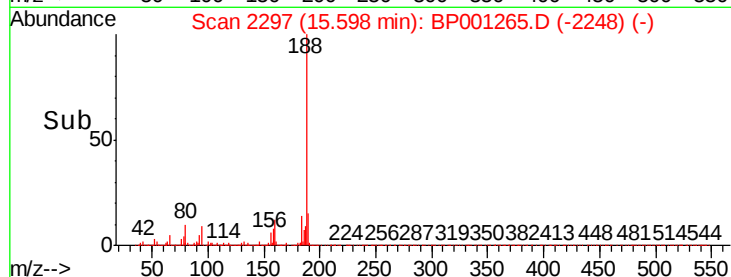
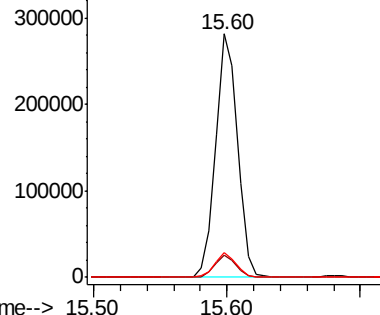
80 10.0 7.8 11.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.289 ng

RT: 14.25 min Scan# 2067

Delta R.T. 0.04 min

Lab File: BP001265.D

Acq: 07 Dec 2019 20:33

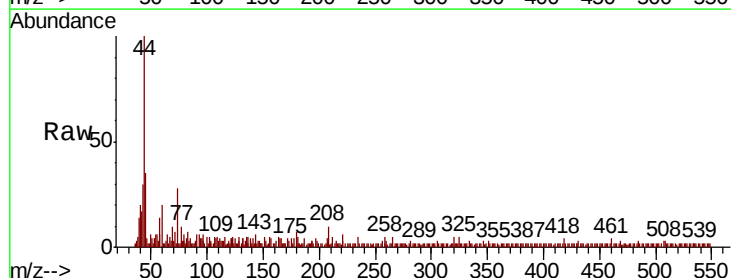
Tgt Ion:198 Resp: 20

Ion Ratio Lower Upper

198 100

51 140.0 36.2 76.2#

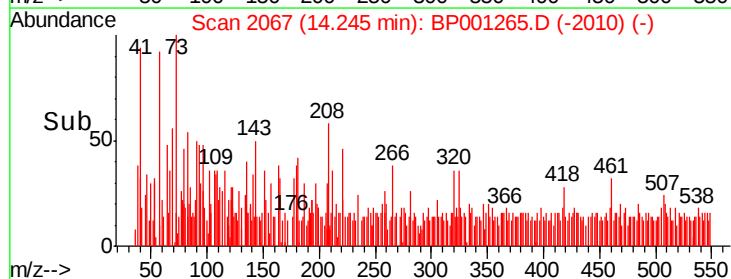
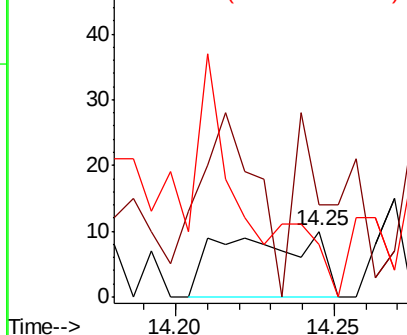
105 80.0 30.2 70.2#

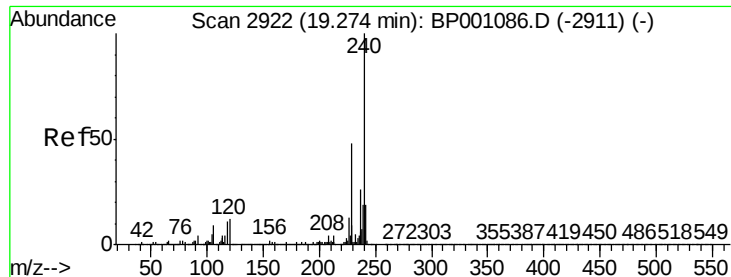


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

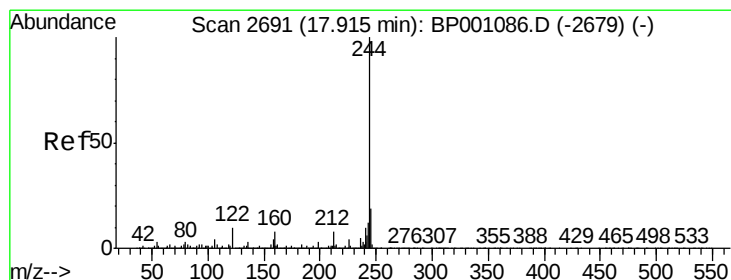
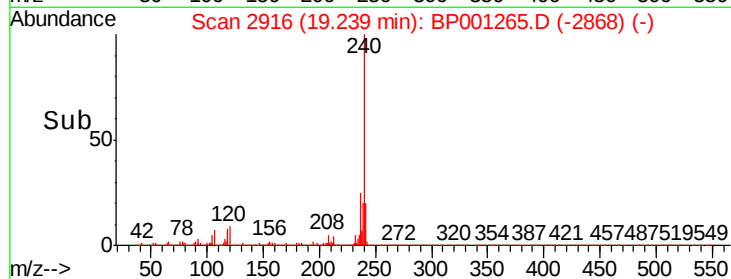
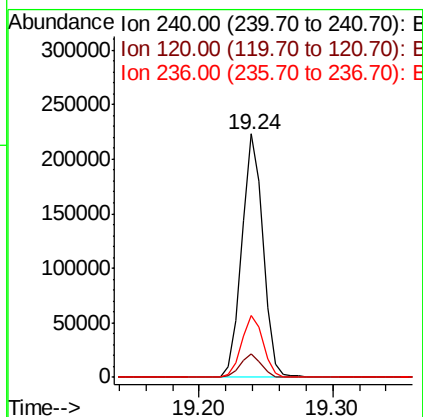
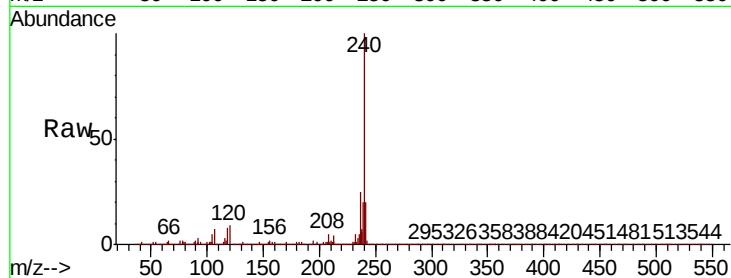




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

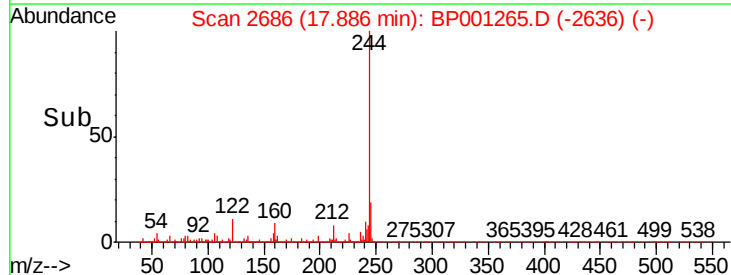
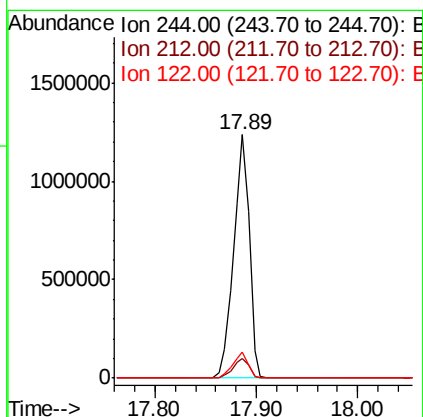
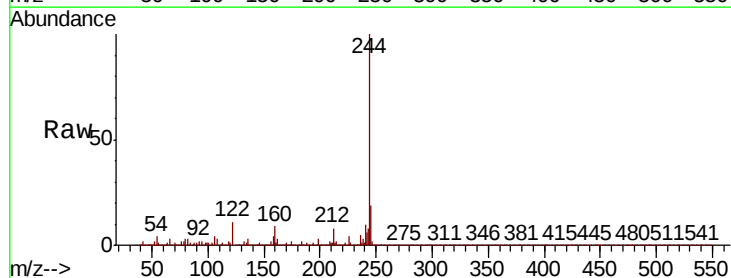
Instrument :
BNA_P
ClientSampleId :

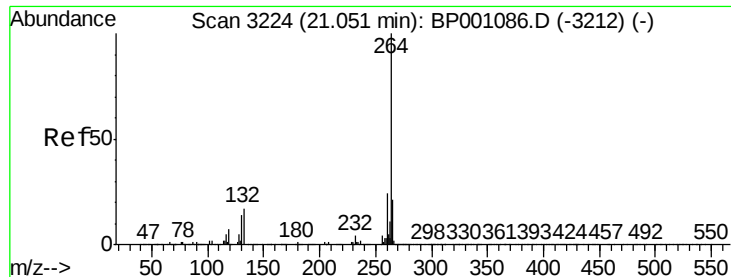
Tot Ion:240 Resp: 244674
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.3 21.7 32.5



#79
Terphenyl-d14
Concen: 100.281 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Tgt Ion:244 Resp: 1326216
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 10.6 9.2 13.8

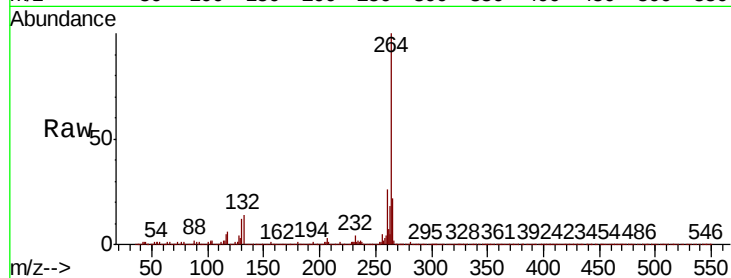




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001265.D
Acq: 07 Dec 2019 20:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.0
265	22.3	17.1	25.7



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

