

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001275.D
 Acq On : 09 Dec 2019 17:47
 Operator : JU
 Sample : K6187-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:22:32 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

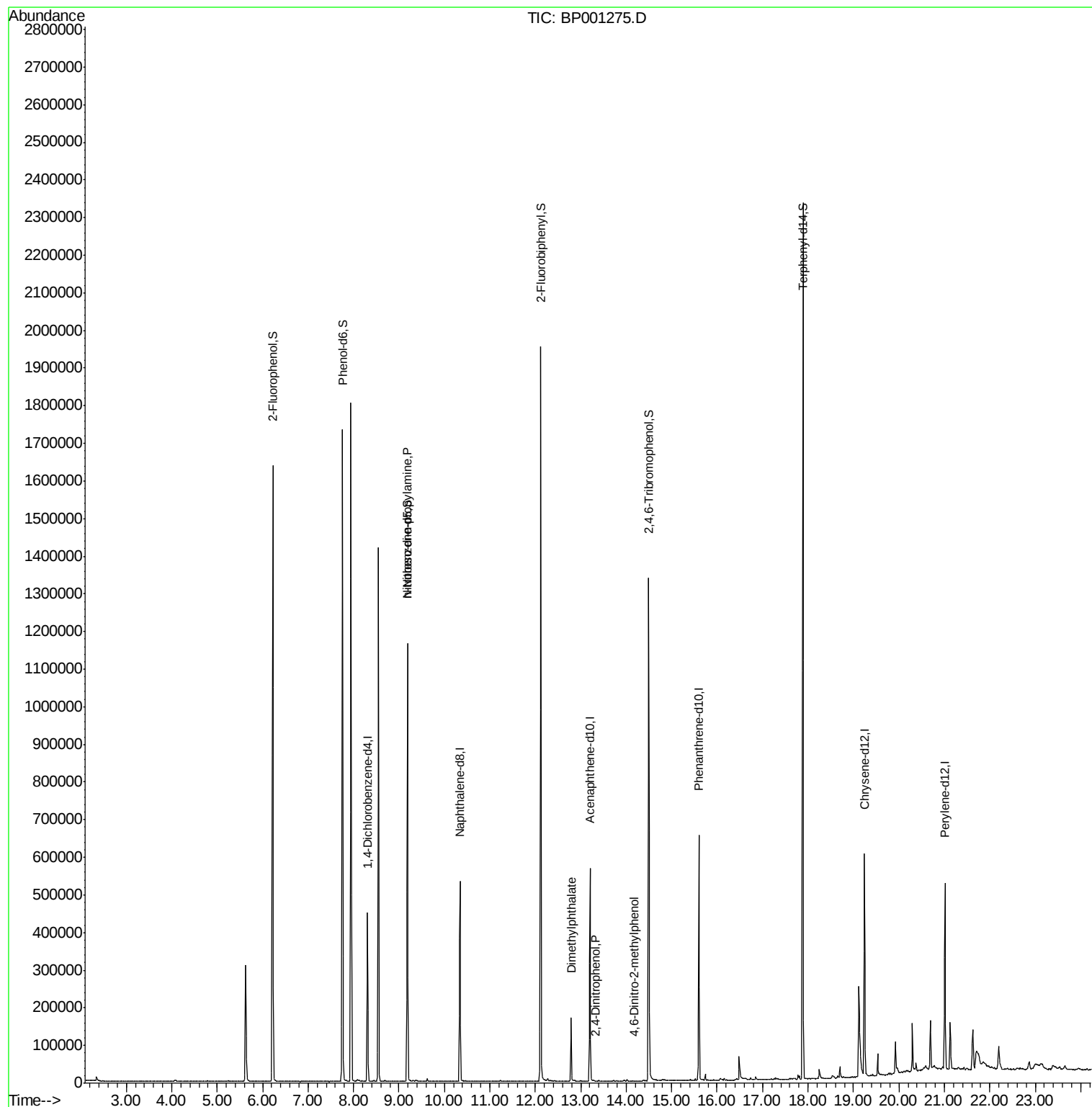
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	74735	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	264661	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	152839	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	295325	20.00	ng	-0.01
76) Chrysene-d12	19.25	240	234206	20.00	ng	-0.01
87) Perylene-d12	21.02	264	249692	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	490607	108.91	ng	0.01
7) Phenol-d6	7.76	99	671876	111.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	474273	77.75	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	181379	123.81	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	749316	71.75	ng	-0.01
79) Terphenyl-d14	17.89	244	872124	68.89	ng	0.00
Target Compounds						
9) Benzaldehyde	7.67	77	99	Below Cal	Qvalue	# 22
19) n-Nitroso-di-n-propylamine	9.19	70	68719	15.869 ng	#	78
50) Dimethylphthalate	12.79	163	76904	6.728 ng	#	99
54) 2,4-Dinitrophenol	13.33	184	16	7.124 ng	#	37
65) 4,6-Dinitro-2-methylphenol	14.17	198	22	6.292 ng	#	30

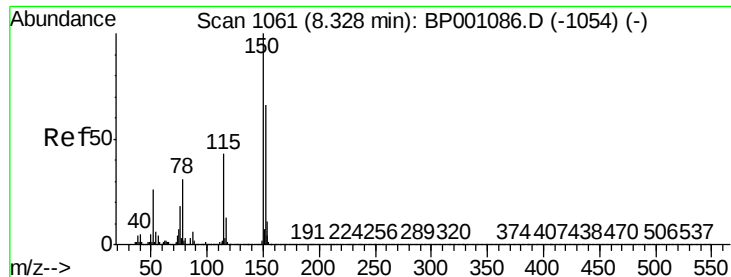
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001275.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 10 04:22:32 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

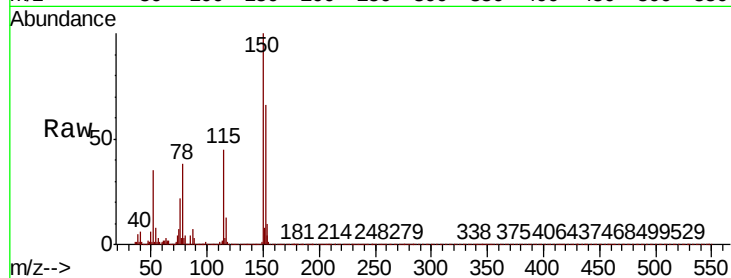




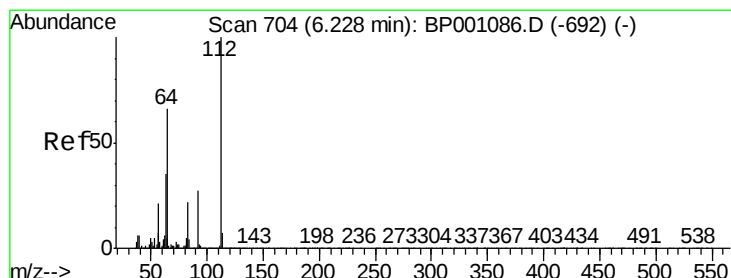
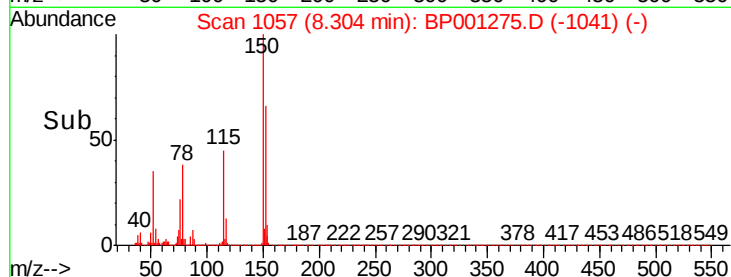
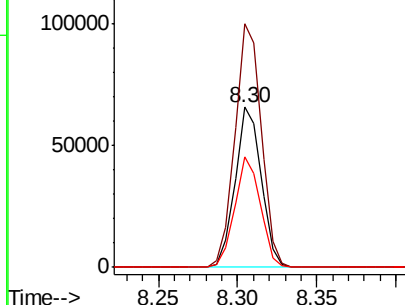
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:152 Resp: 74735
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.3 190.9
 115 69.1 56.0 84.0

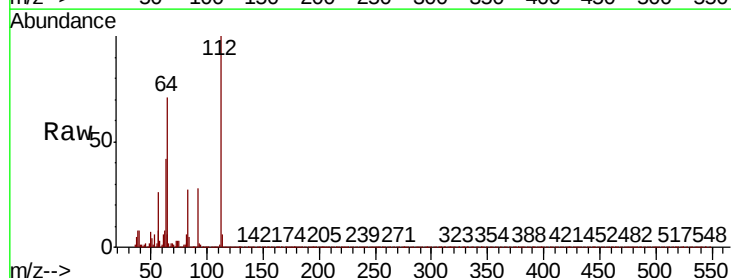


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

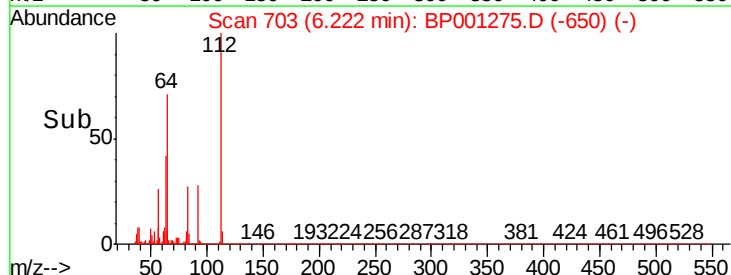
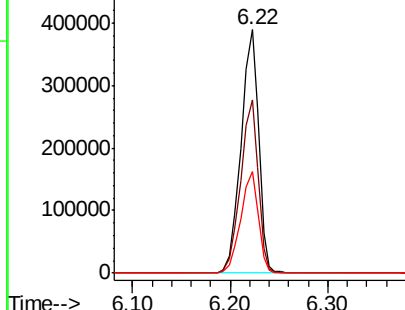


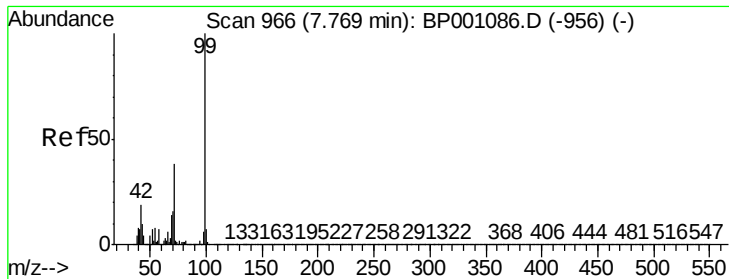
#5
 2-Fluorophenol
 Concen: 108.912 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Tgt Ion:112 Resp: 490607
 Ion Ratio Lower Upper
 112 100
 64 70.9 56.8 85.2
 63 41.6 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: 111.956 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

Instrument :

BNA_P

ClientSampleId :

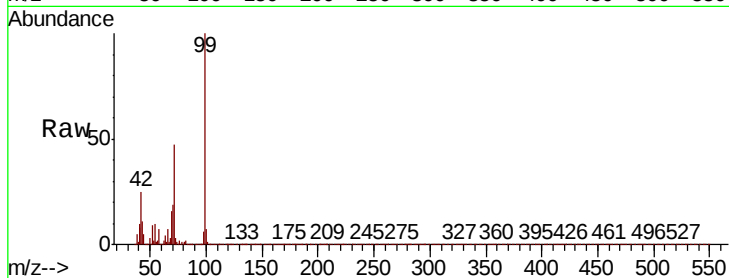
Tot Ion: 99 Resp: 671876

Ion Ratio Lower Upper

99 100

42 24.5 17.6 26.4

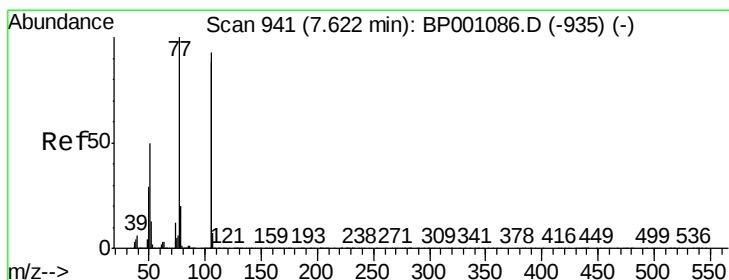
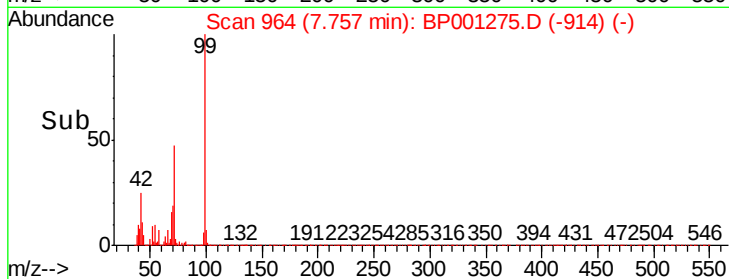
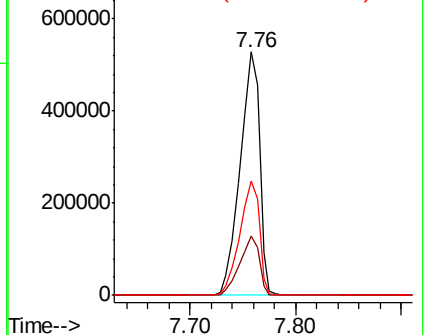
71 47.2 33.8 50.8



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: 7.67 min Scan# 949

Delta R.T. 0.06 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

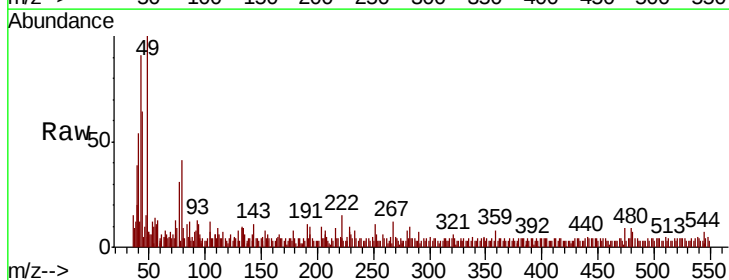
Tgt Ion: 77 Resp: 99

Ion Ratio Lower Upper

77 100

105 31.3 69.7 109.7#

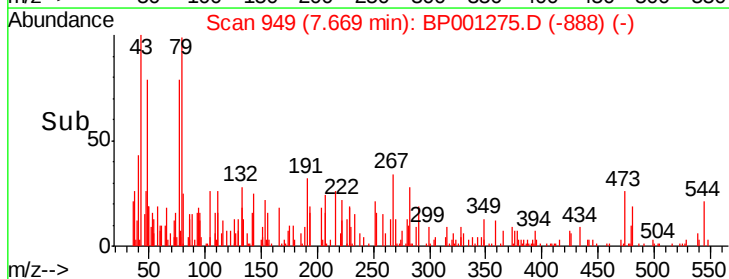
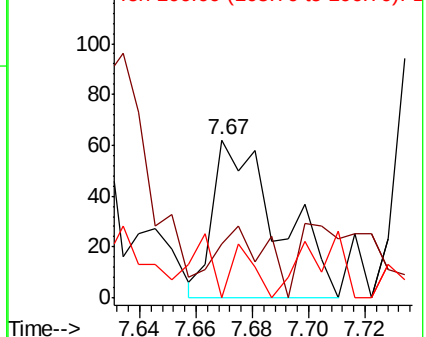
106 0.0 67.1 107.1#

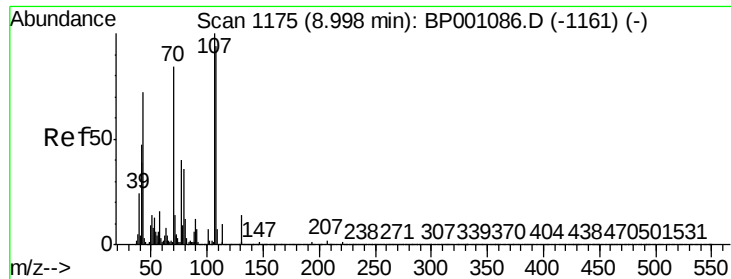


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

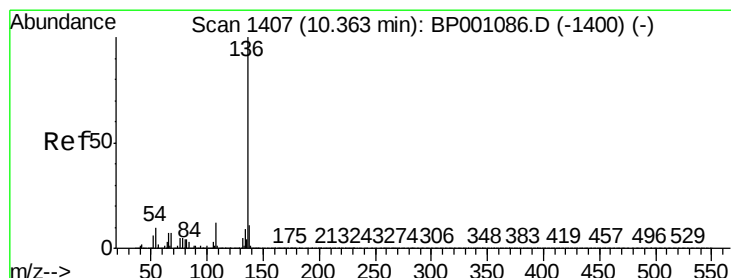
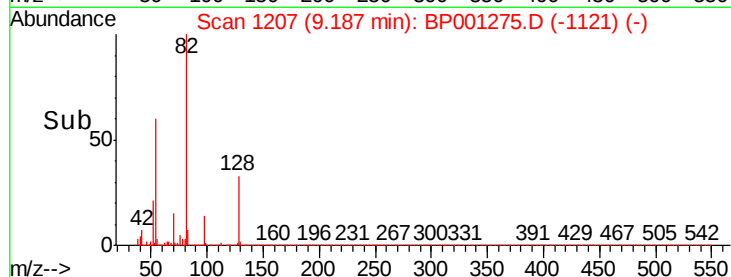
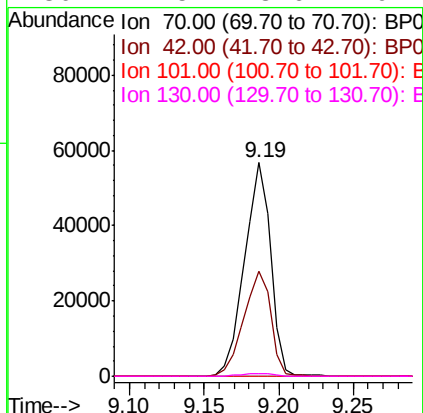
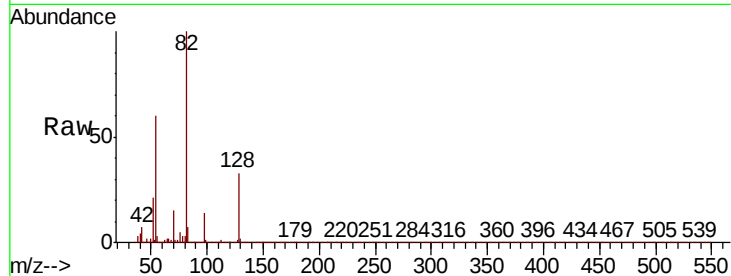




#19
n-Nitroso-di-n-propylamine
Concen: 15.869 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001275.D
Acq: 09 Dec 2019 17:47

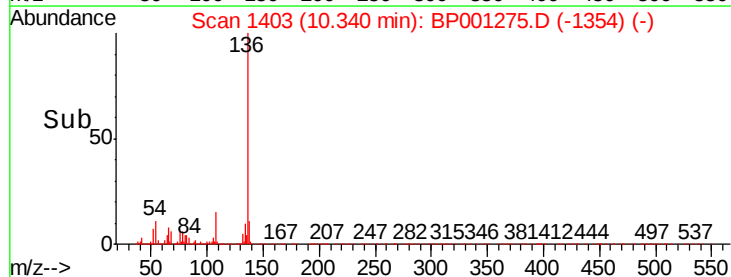
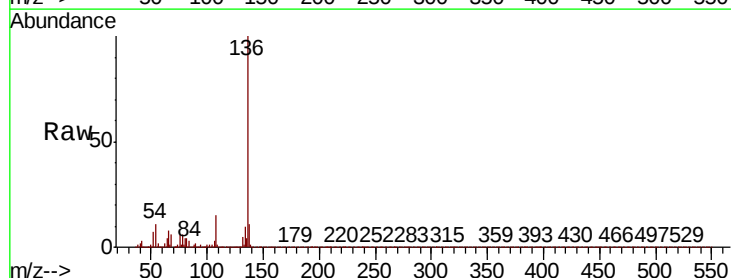
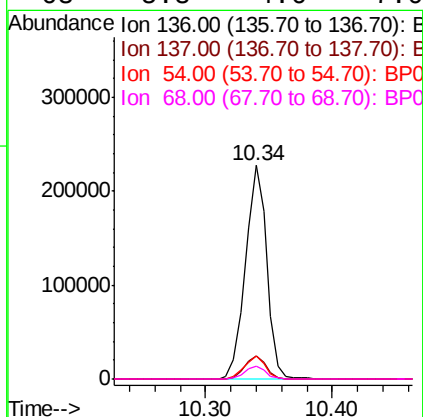
Instrument :
BNA_P
ClientSampleId :

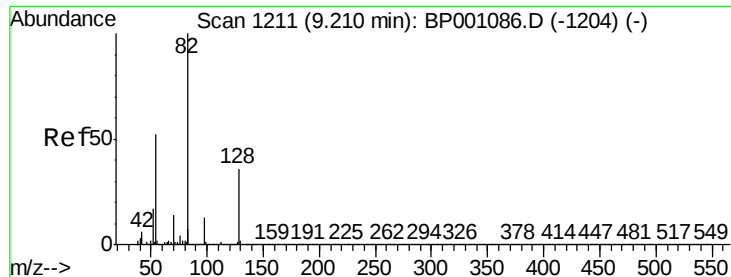
Tot Ion: 70 Resp: 68719
Ion Ratio Lower Upper
70 100
42 49.2 50.6 76.0#
101 0.0 7.1 10.7#
130 1.5 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001275.D
Acq: 09 Dec 2019 17:47

Tgt Ion: 136 Resp: 264661
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.7 7.4 11.0
68 5.8 4.6 7.0

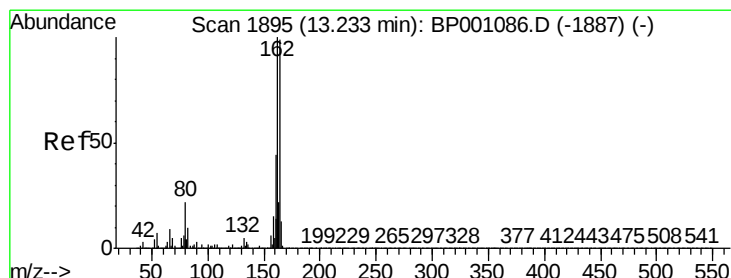
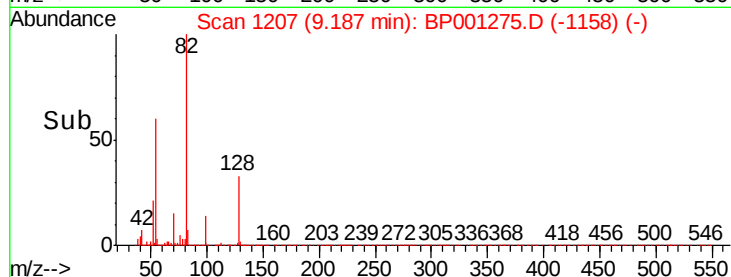
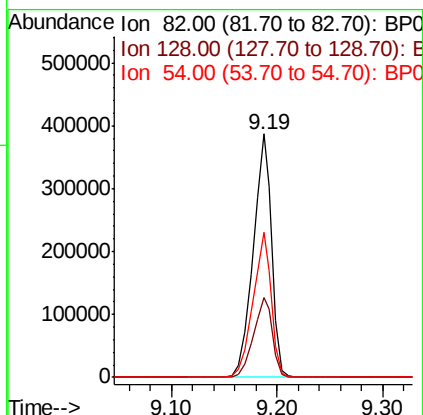
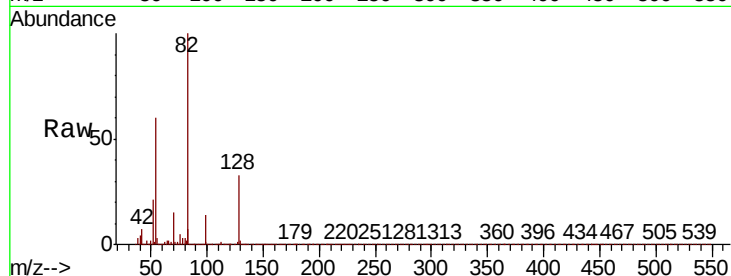




#23
 Nitrobenzene-d5
 Concen: 77.748 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

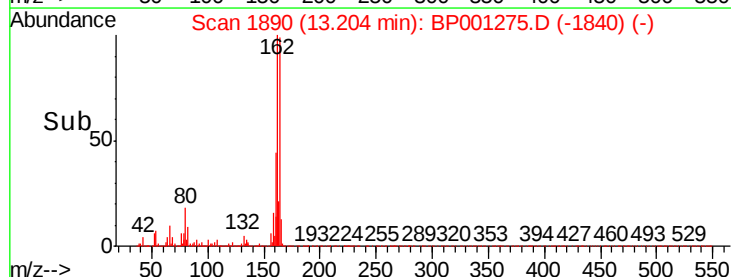
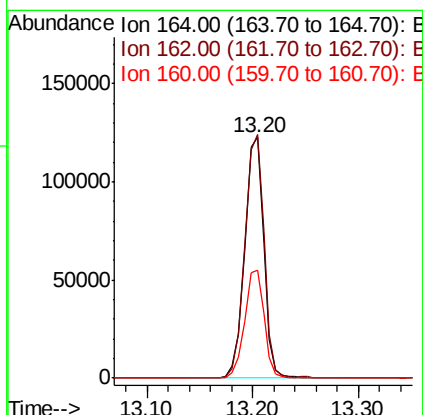
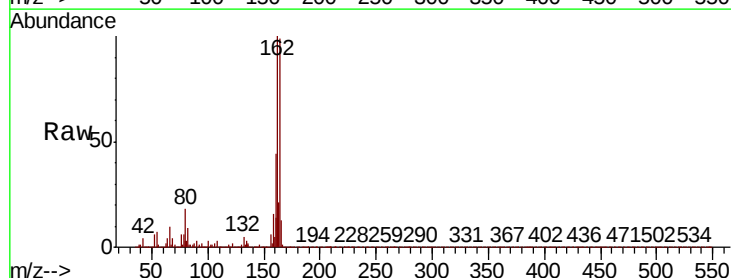
Instrument :
 BNA_P
 ClientSampled :

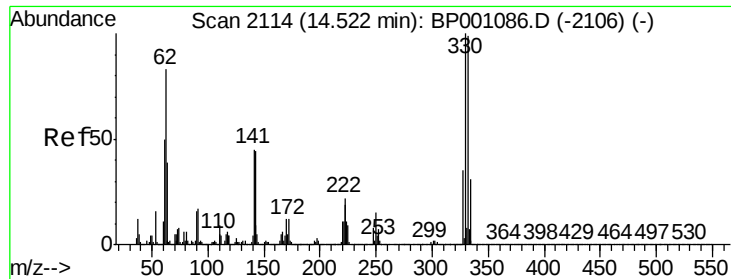
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	27.5	41.3
54	59.6	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	44.8	36.3	54.5

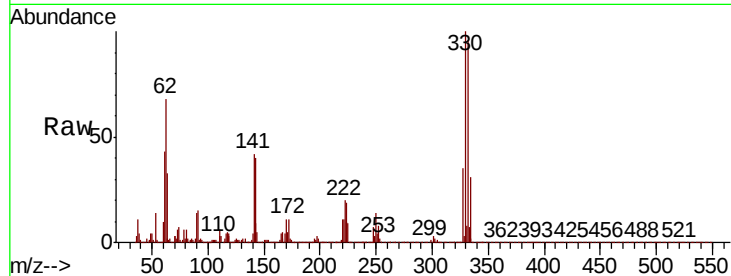




#42
 2,4,6-Tribromophenol
 Concen: 123.811 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.5	35.9	53.9

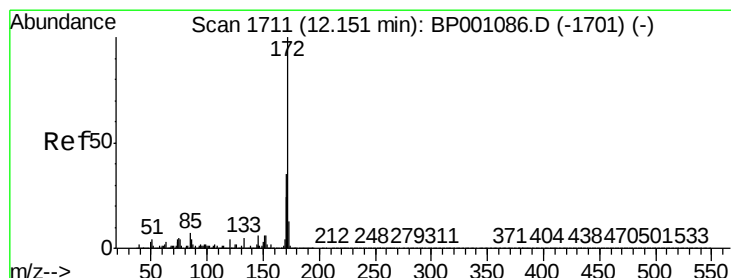
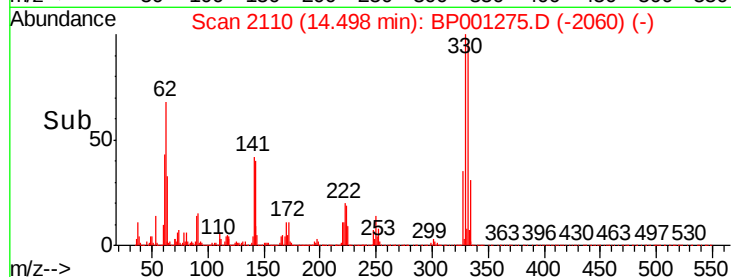
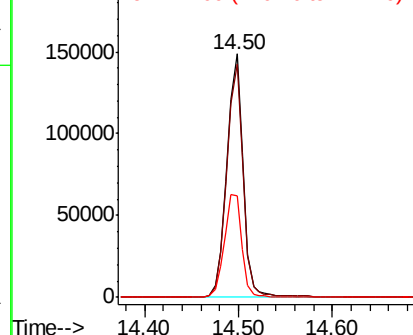


Abundance

Ion 329.80 (329.50 to 330.50): E

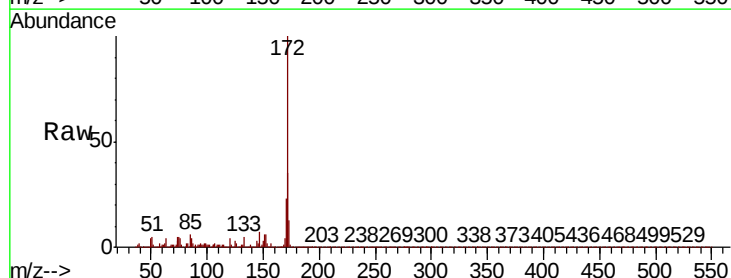
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.754 ng
 RT: 12.12 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.1	19.2	28.8

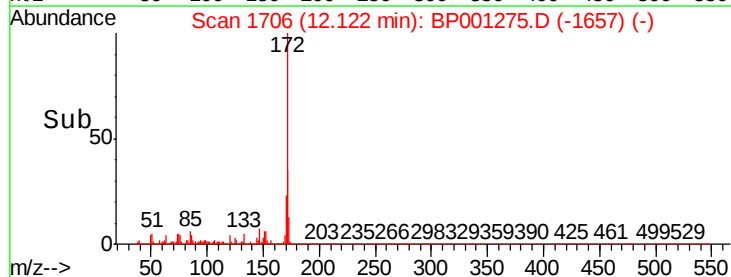
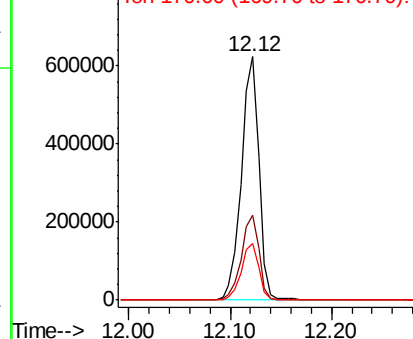


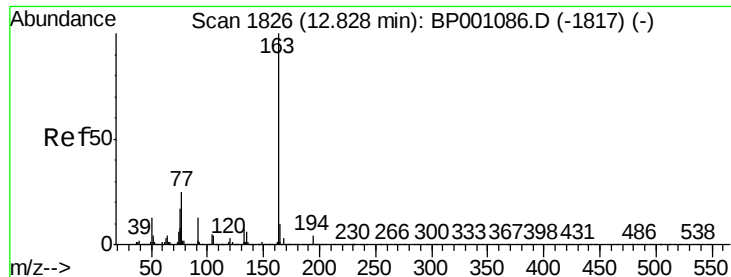
Abundance

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: 6.728 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

Instrument :

BNA_P

ClientSampleId :

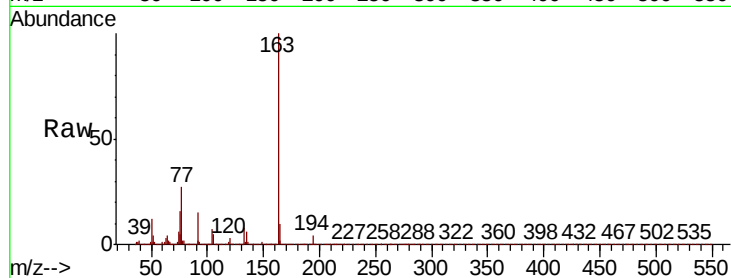
Tot Ion:163 Resp: 76904

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

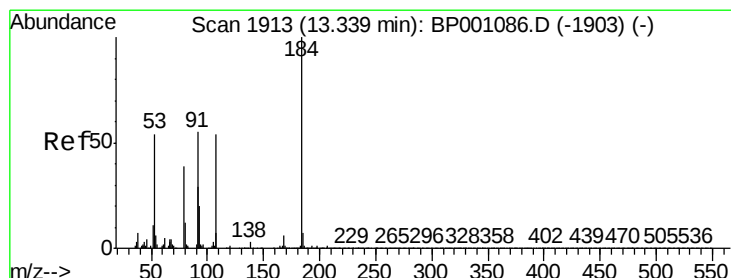
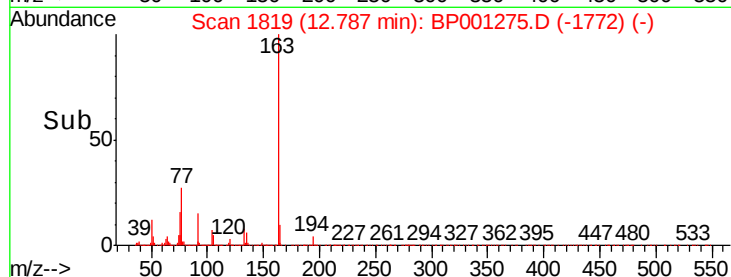
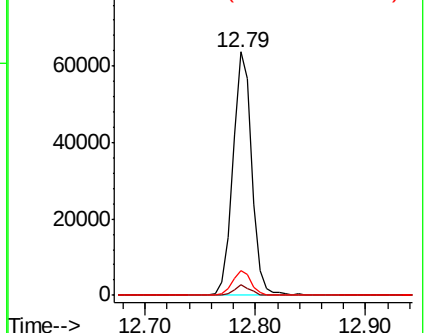
164 10.1 8.2 12.4



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: 7.124 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

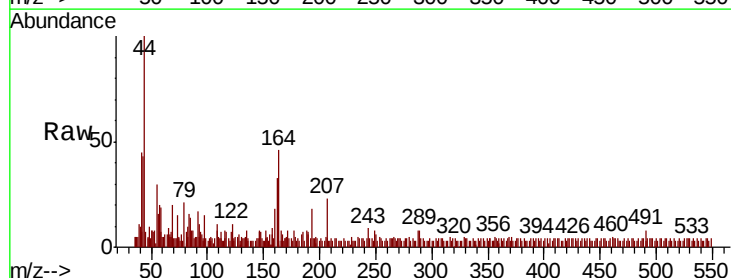
Tgt Ion:184 Resp: 16

Ion Ratio Lower Upper

184 100

63 0.0 69.4 104.0#

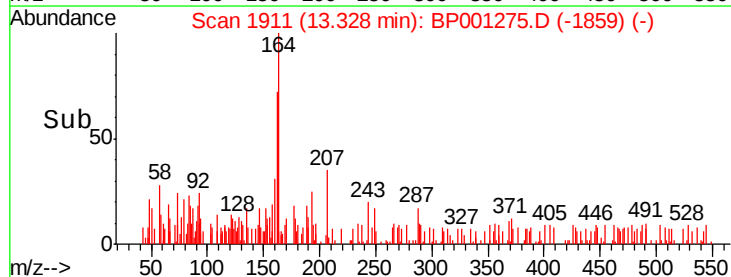
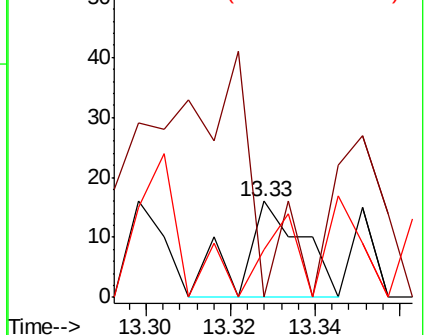
154 50.0 57.4 86.2#

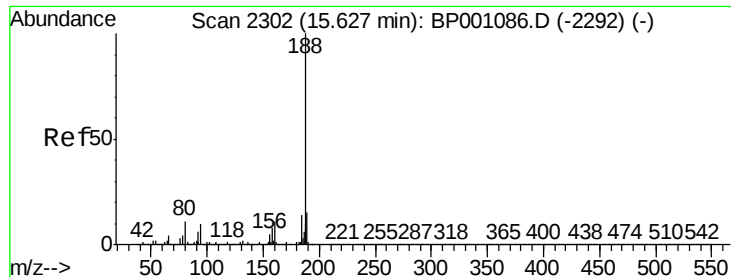


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

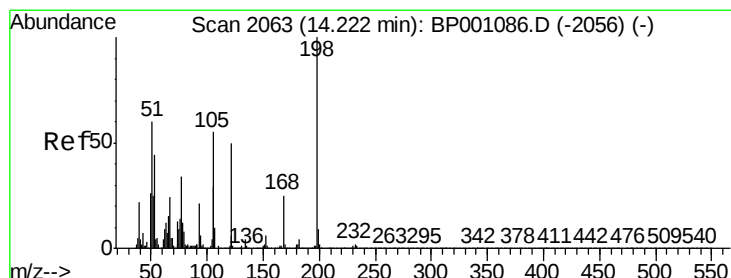
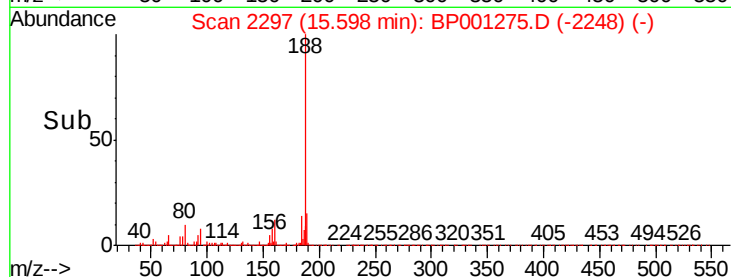
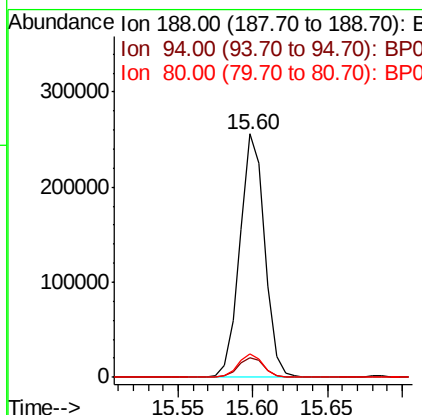
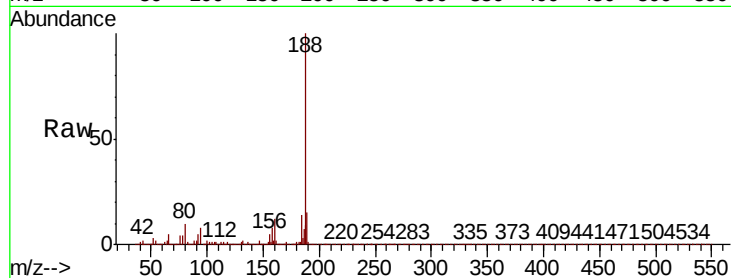




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001275.D
Acq: 09 Dec 2019 17:47

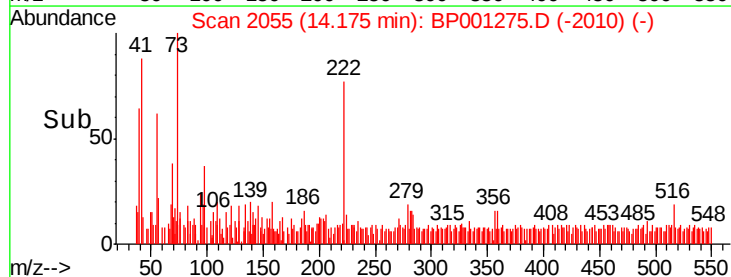
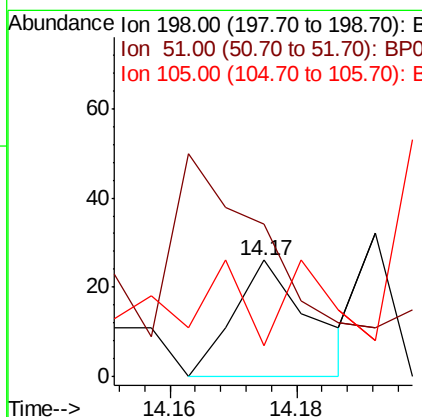
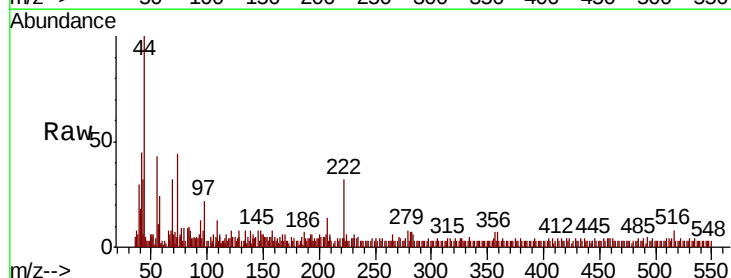
Instrument :
BNA_P
ClientSampleId :

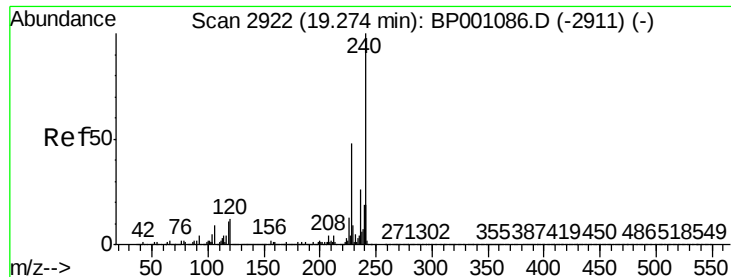
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	9.6	7.8	11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.04 min
Lab File: BP001275.D
Acq: 09 Dec 2019 17:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	130.8	36.2	76.2#
105	26.9	30.2	70.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

Instrument :

BNA_P

ClientSampleId :

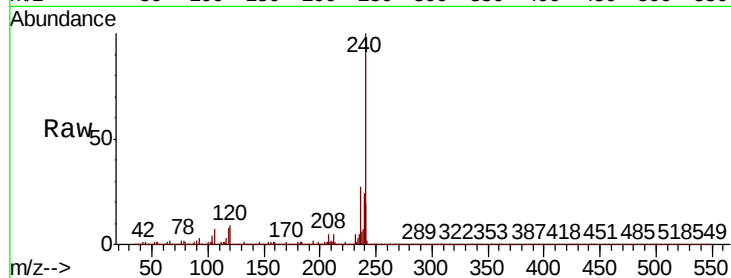
Tot Ion:240 Resp: 234206

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

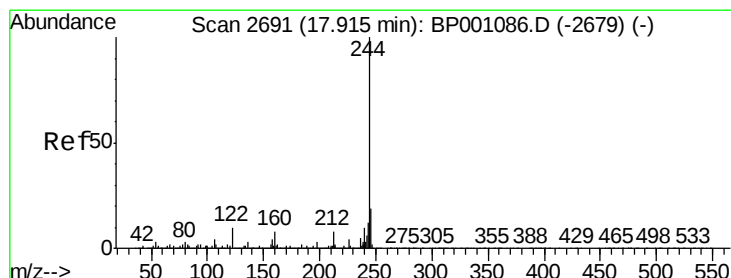
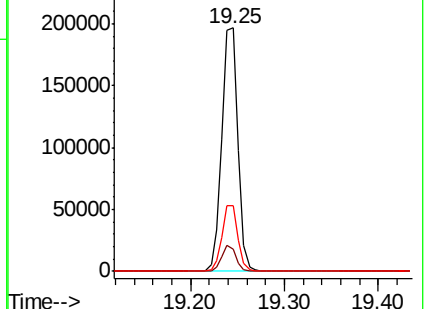
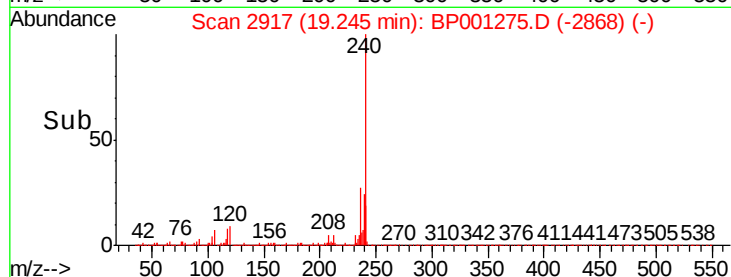
236 27.1 21.7 32.5



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: 68.893 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001275.D

Acq: 09 Dec 2019 17:47

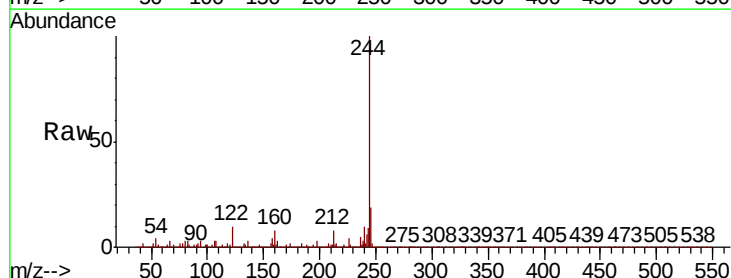
Tgt Ion:244 Resp: 872124

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

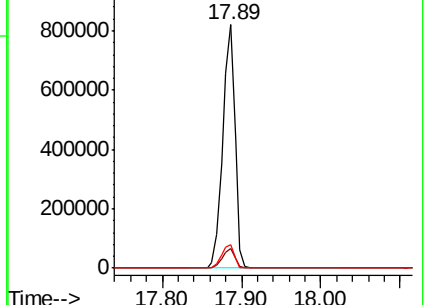
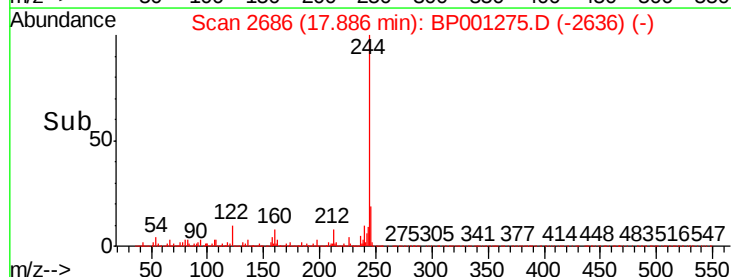
122 9.8 9.2 13.8

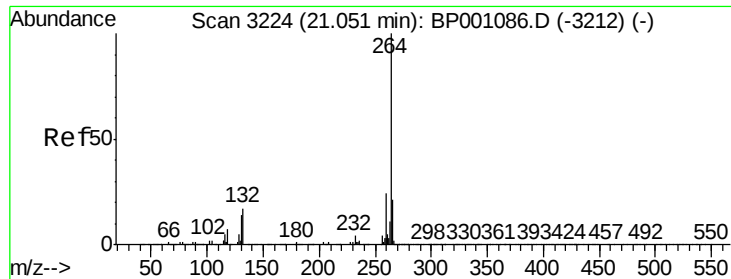


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001275.D
 Acq: 09 Dec 2019 17:47

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.3	17.1	25.7

