

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001154.D
 Acq On : 03 Dec 2019 06:59
 Operator : JU
 Sample : K6014-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:45:37 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

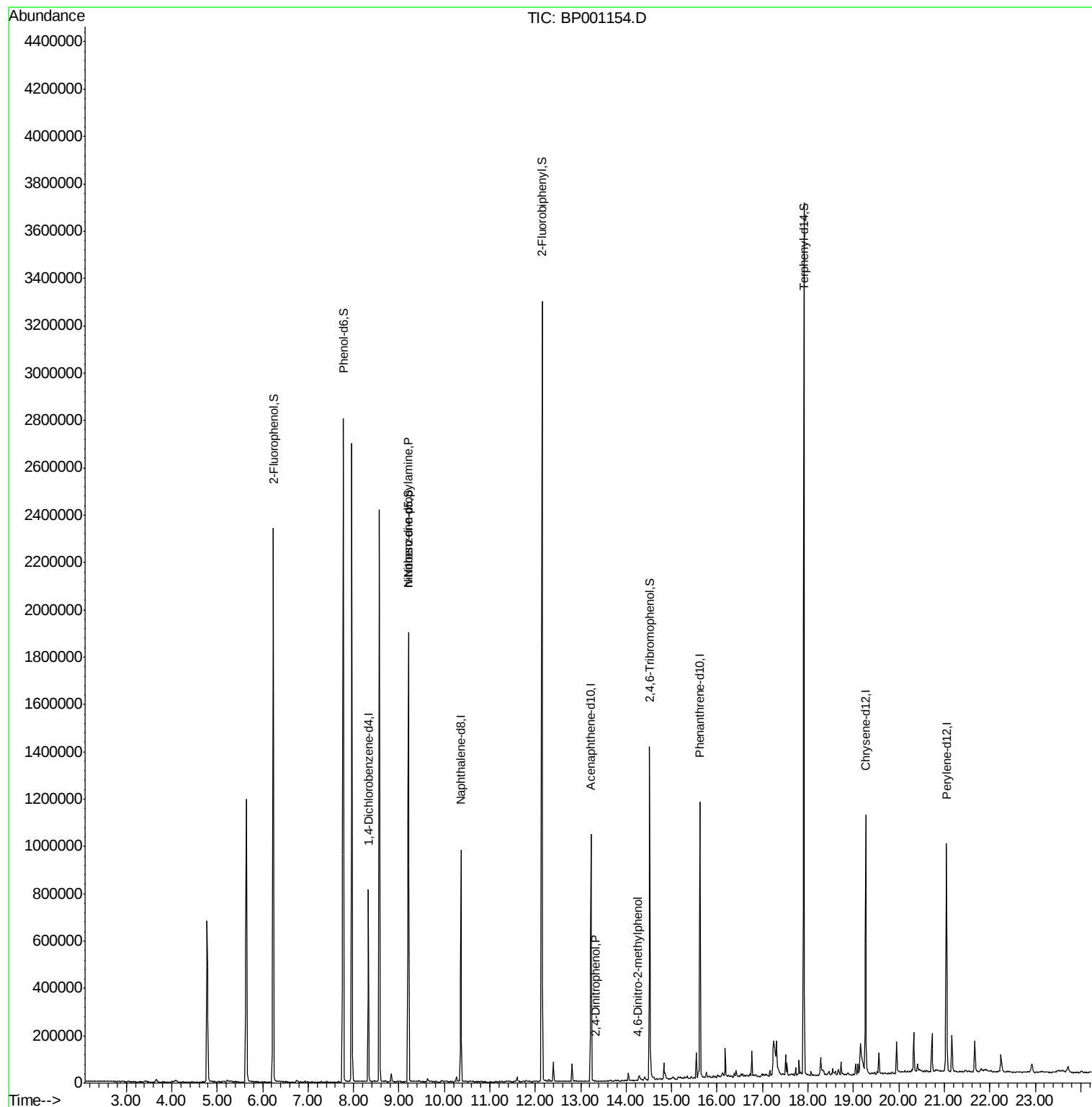
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	140806	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	516510	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	282687	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	528442	20.00	ng	0.00
76) Chrysene-d12	19.27	240	415788	20.00	ng	0.00
87) Perylene-d12	21.05	264	467594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	733996	86.48	ng	0.00
7) Phenol-d6	7.78	99	1156180	102.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	797784	67.01	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	181501	66.99	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1314379	68.05	ng	0.00
79) Terphenyl-d14	17.91	244	1487951	66.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	90	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.21	70	111645	13.684 ng	#	43
54) 2,4-Dinitrophenol	13.32	184	6	7.112 ng	#	82
65) 4,6-Dinitro-2-methylphenol	14.25	198	16	6.283 ng	#	1

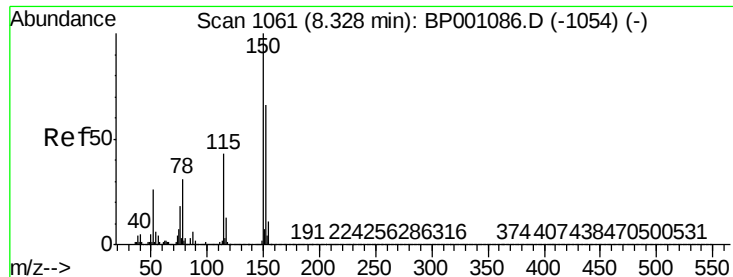
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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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: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampled :

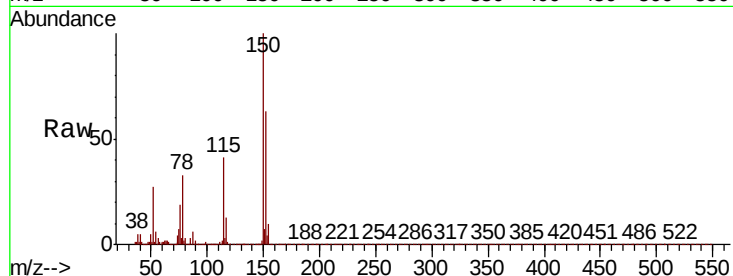
Tot Ion:152 Resp: 140806

Ion Ratio Lower Upper

152 100

150 157.7 120.6 181.0

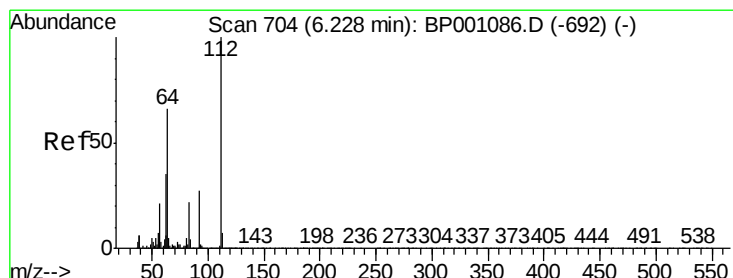
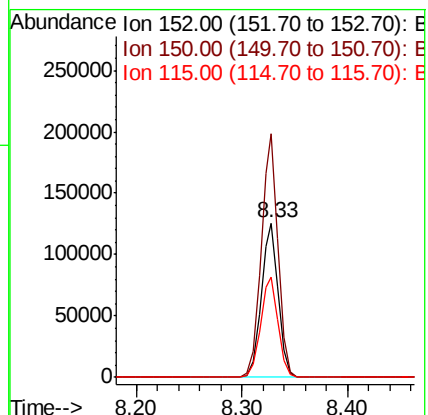
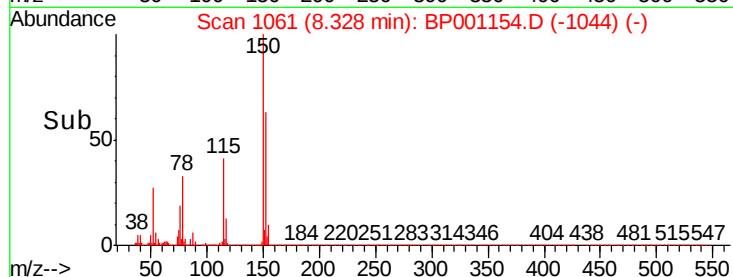
115 65.0 51.6 77.4



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: 86.485 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

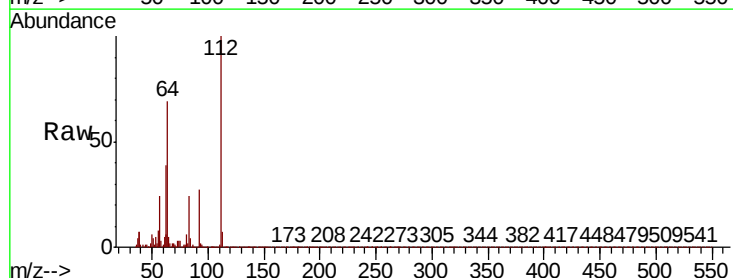
Tgt Ion:112 Resp: 733996

Ion Ratio Lower Upper

112 100

64 68.6 52.8 79.2

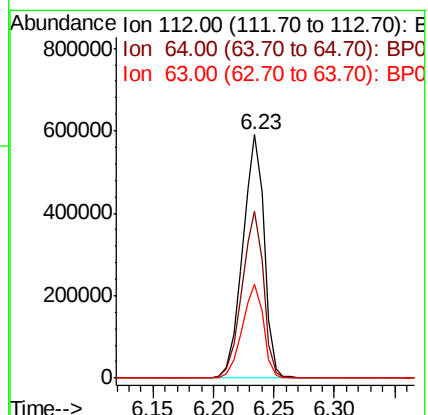
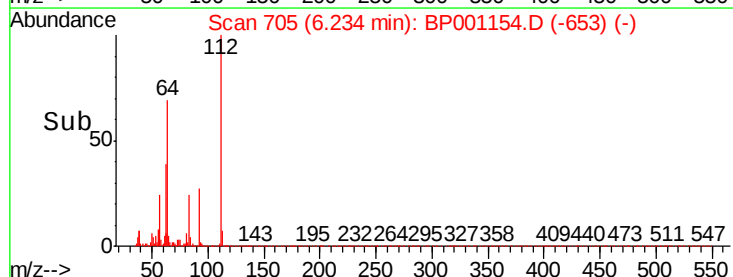
63 38.7 28.2 42.2

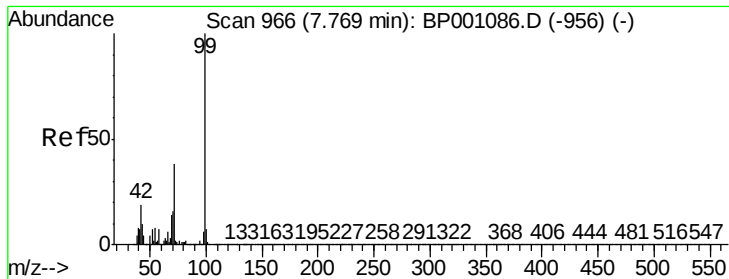


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 102.256 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampled :

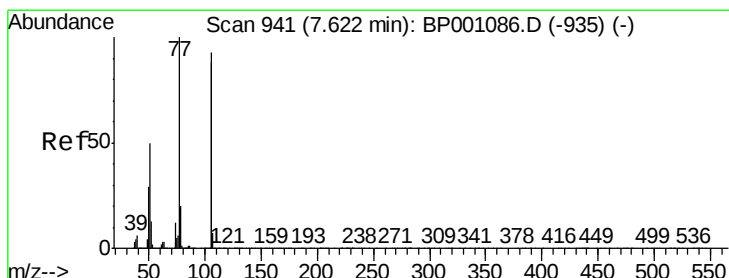
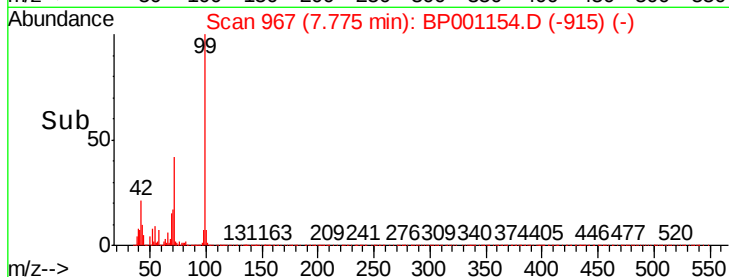
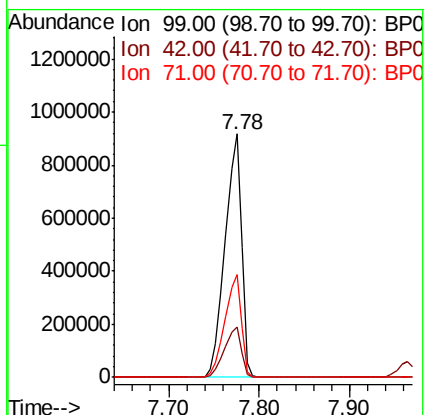
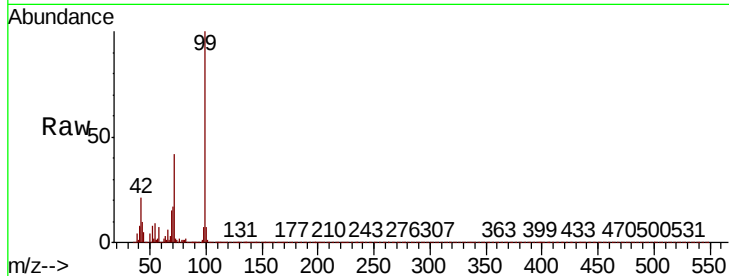
Tot Ion: 99 Resp: 1156180

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

71 42.0 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

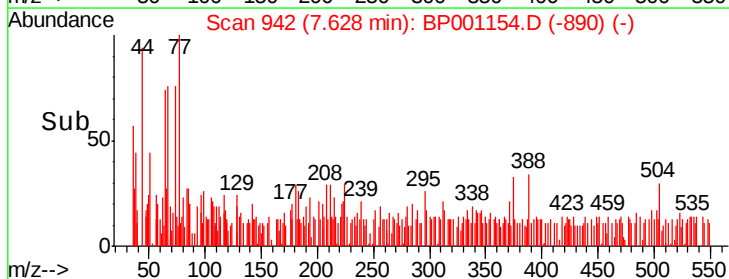
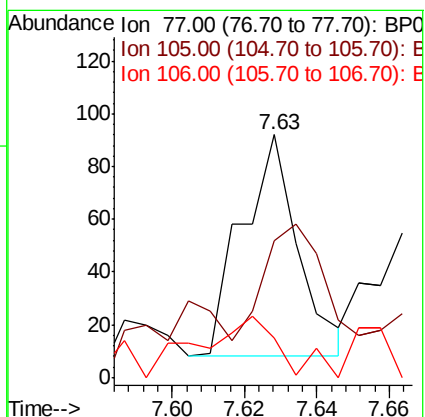
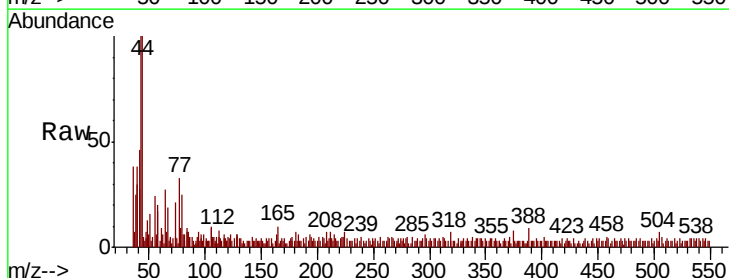
Tgt Ion: 77 Resp: 90

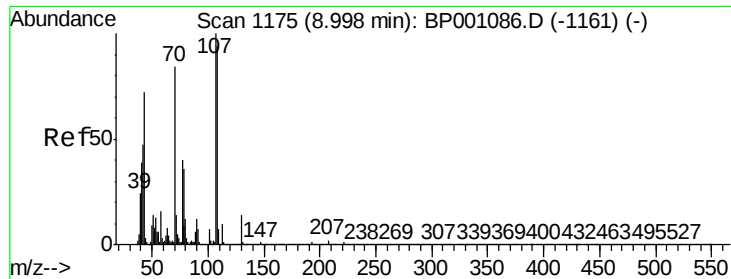
Ion Ratio Lower Upper

77 100

105 56.5 72.5 112.5#

106 16.3 67.6 107.6#

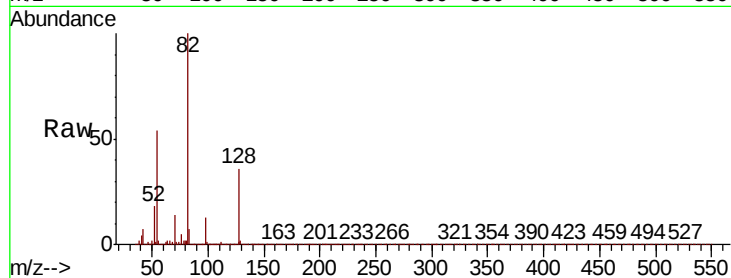




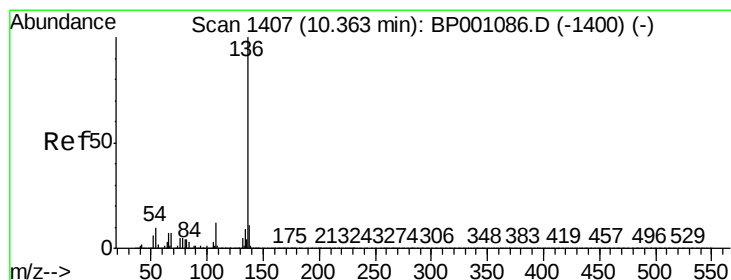
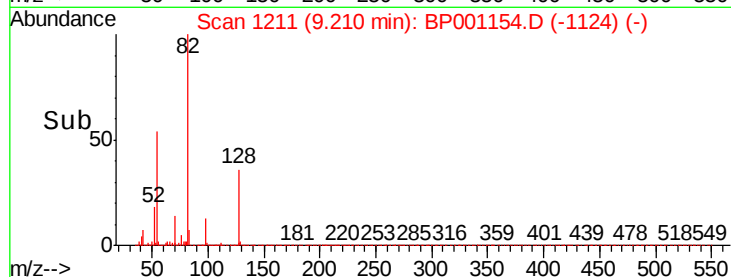
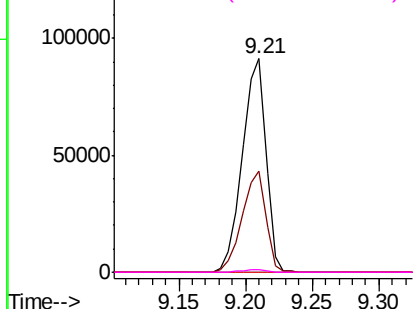
#19
n-Nitroso-di-n-propylamine
Concen: 13.684 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 70 Resp: 111645
Ion Ratio Lower Upper
70 100
42 47.5 44.6 66.8
101 0.0 7.1 10.7#
130 1.1 13.8 20.6#

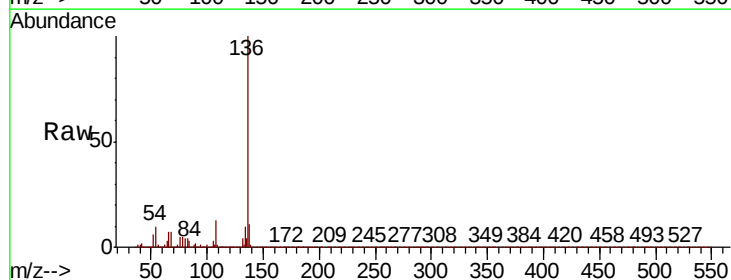


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

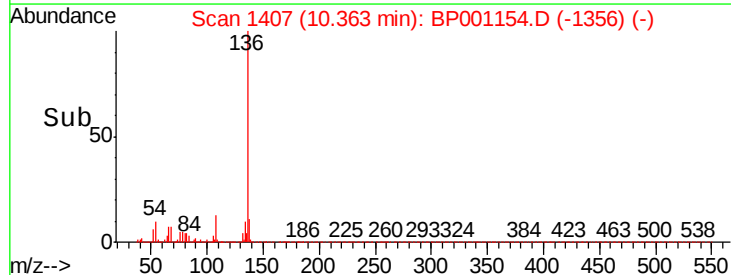
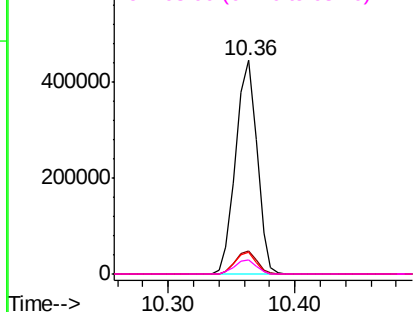


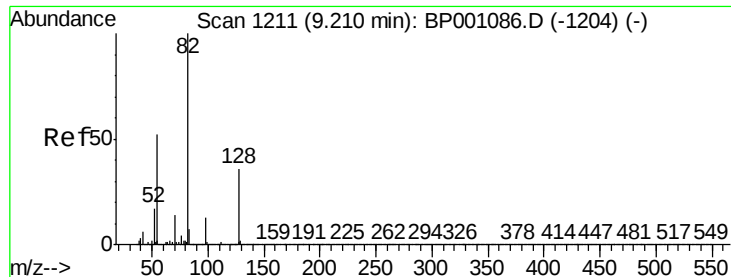
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Tgt Ion: 136 Resp: 516510
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.0 7.9 11.9
68 6.9 5.6 8.4



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

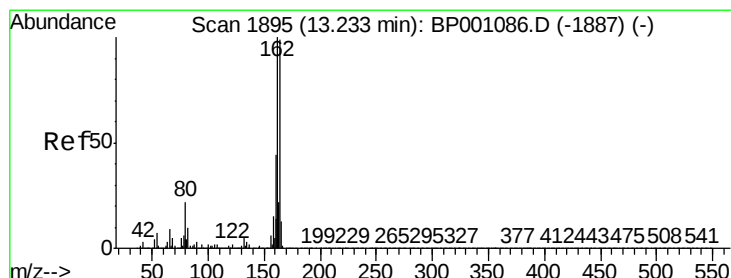
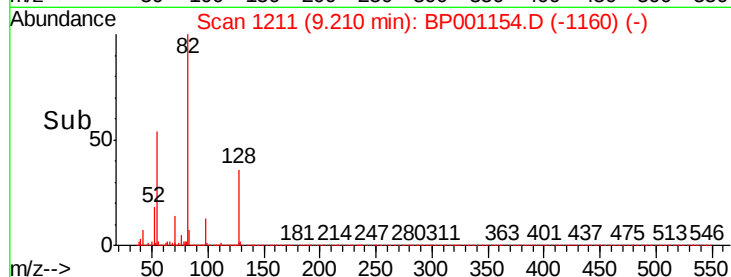
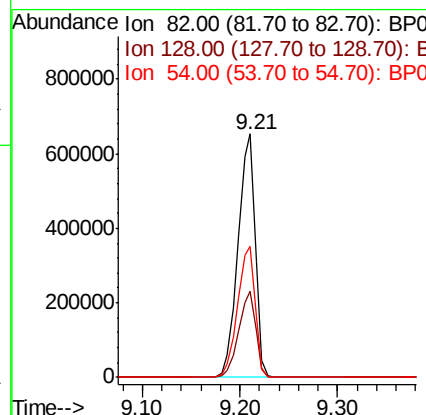
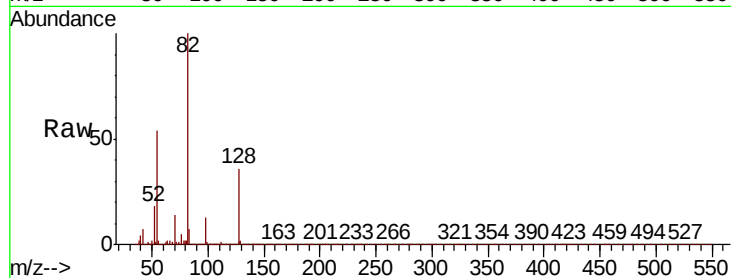




#23
 Nitrobenzene-d5
 Concen: 67.012 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001154.D
 Acq: 03 Dec 2019 06:59

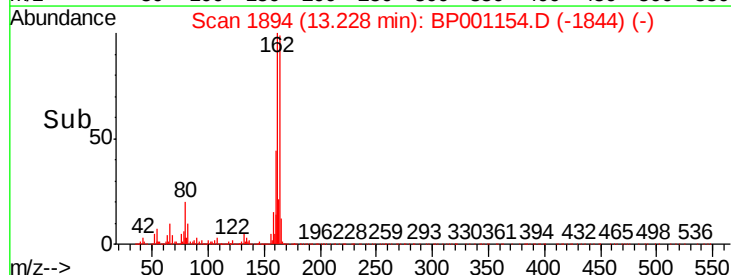
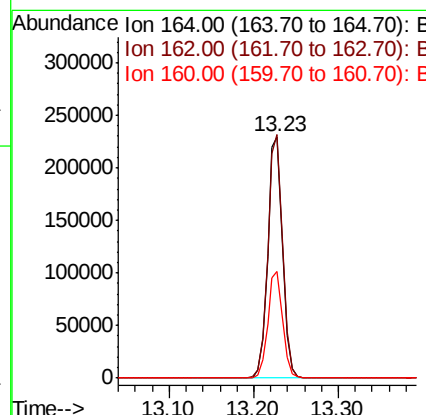
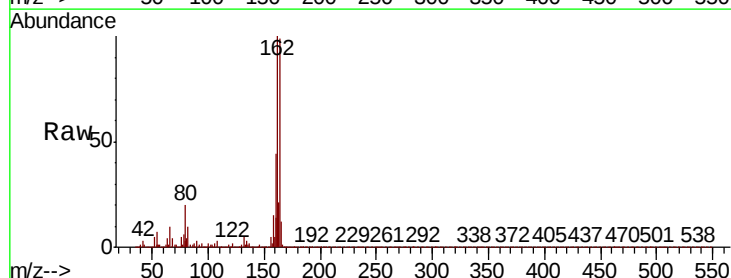
Instrument :
 BNA_P
 ClientSampleId :

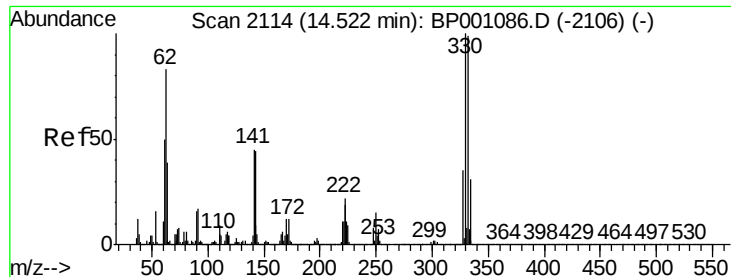
Tot Ion	82	Resp	797784
Ion Ratio	Lower	Upper	
82	100		
128	35.6	28.9	43.3
54	54.0	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001154.D
 Acq: 03 Dec 2019 06:59

Tgt Ion	164	Resp	282687
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	44.1	35.4	53.2

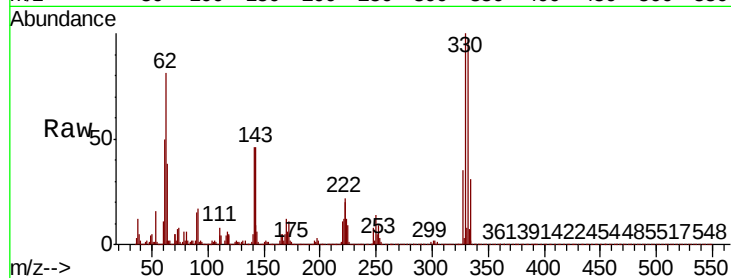




#42
2,4,6-Tribromophenol
Concen: 66.986 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	43.5	34.2	51.2

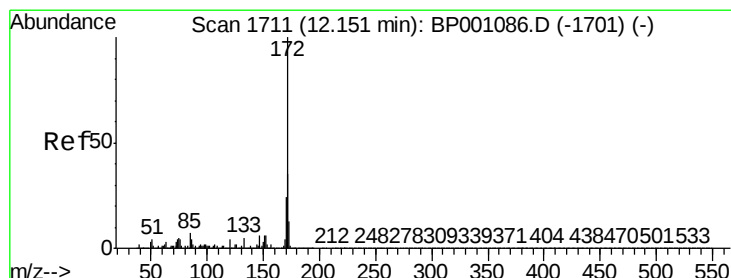
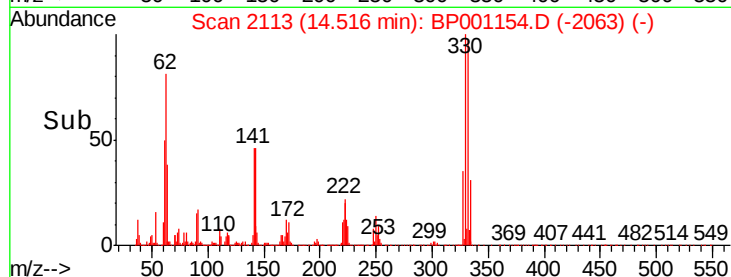
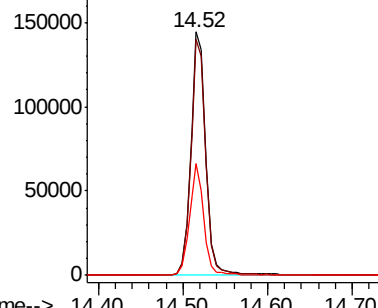


Abundance

Ion 329.80 (329.50 to 330.50): E

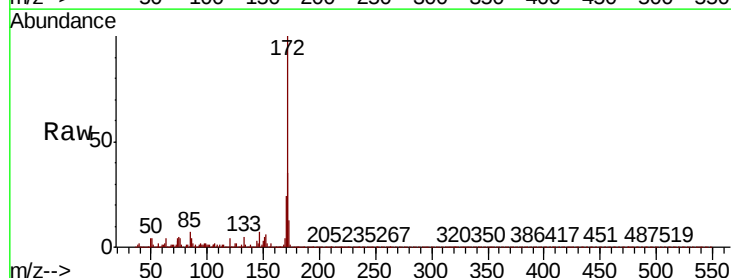
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 68.050 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	19.0	28.4

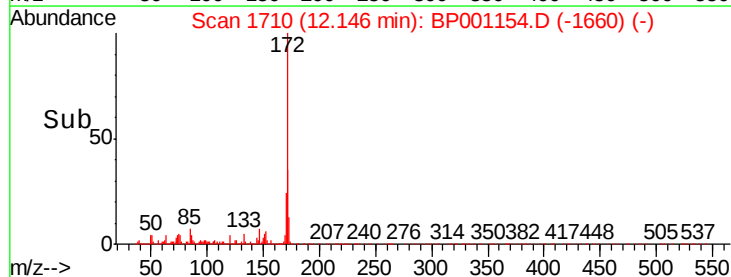
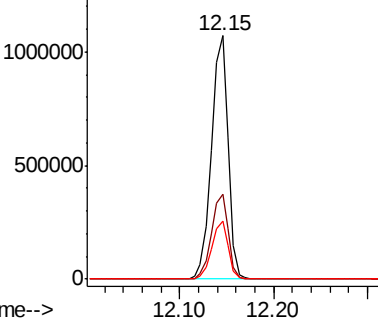


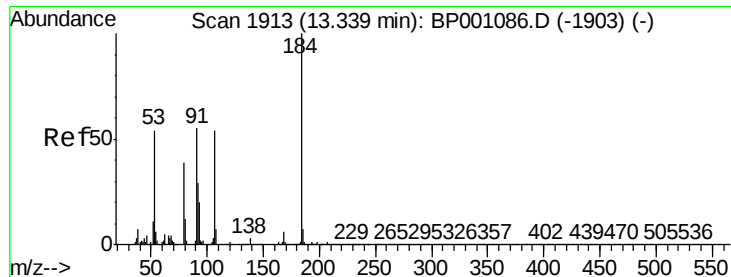
Abundance

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

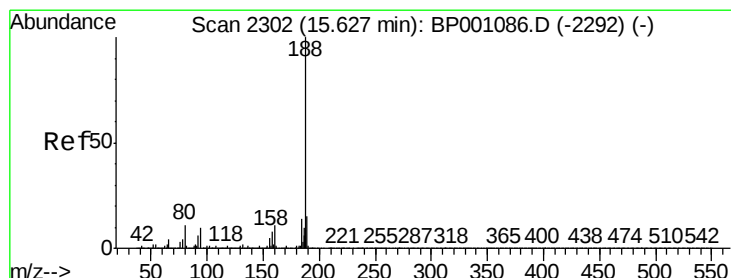
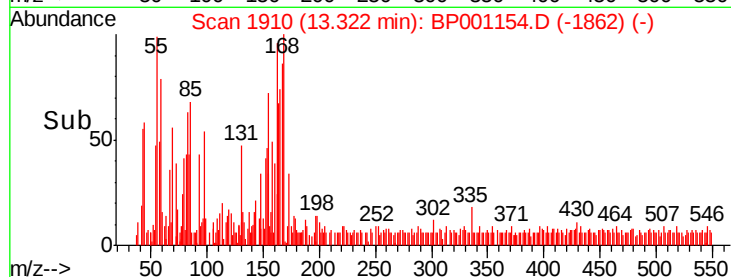
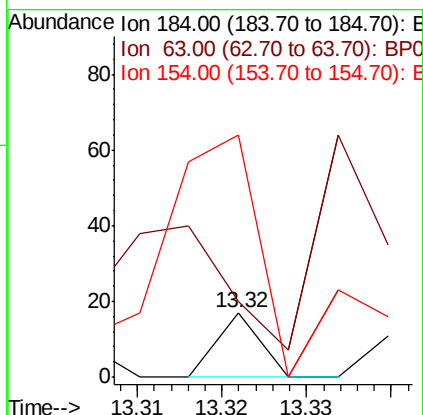
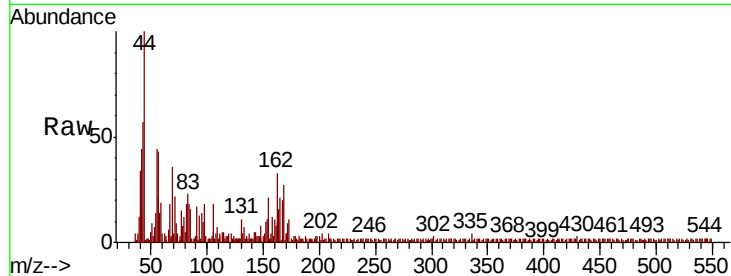




#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

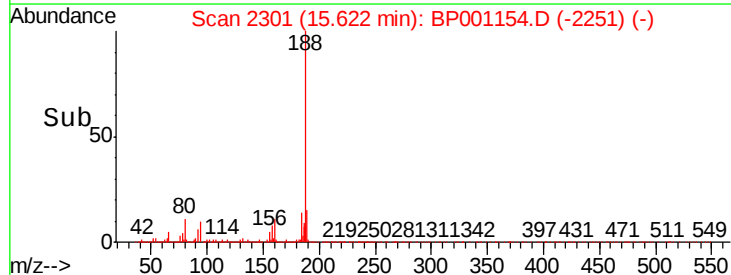
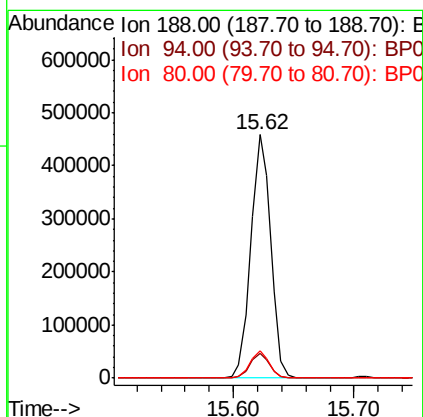
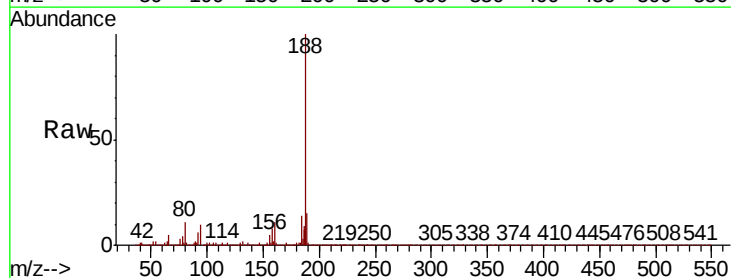
Instrument :
BNA_P
ClientSampleId :

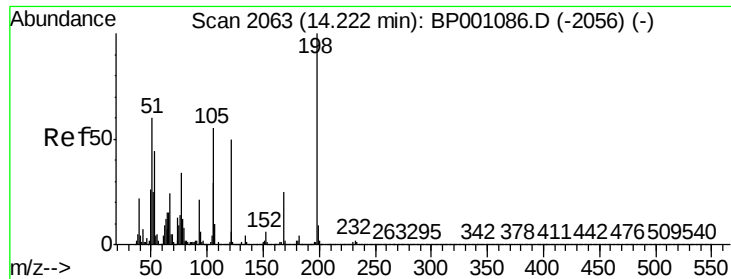
Tot Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 117.6 60.7 91.1#
154 376.5 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Tgt Ion:188 Resp: 528442
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 8.8 13.2

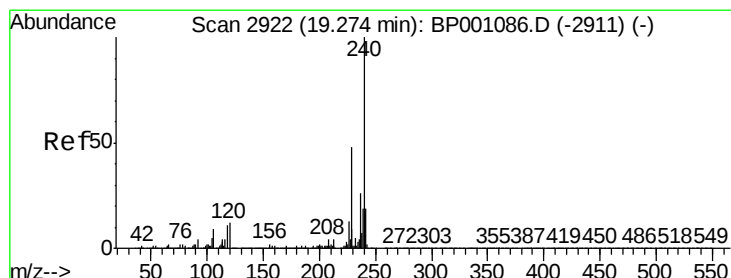
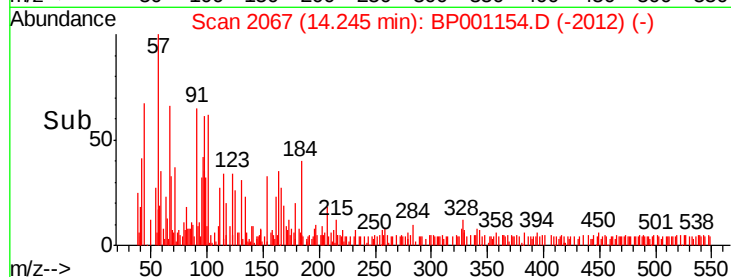
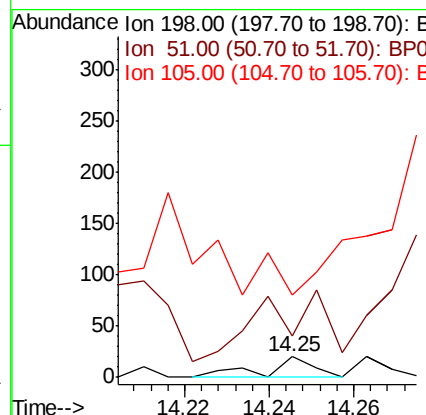
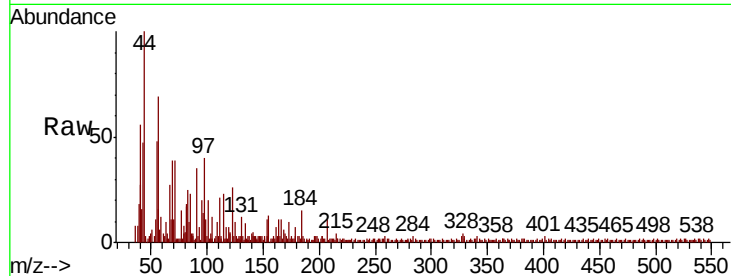




#65
4,6-Dinitro-2-methylphenol
Concen: 6.283 ng
RT: 14.25 min Scan# 2067
Delta R.T. 0.02 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

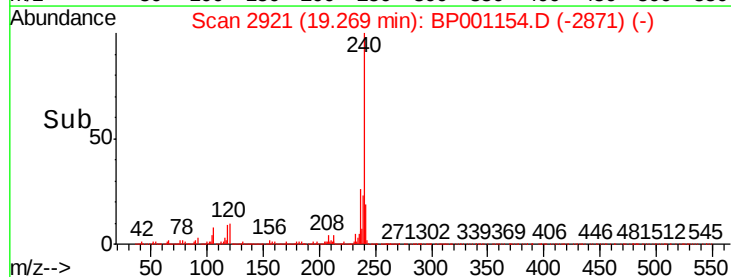
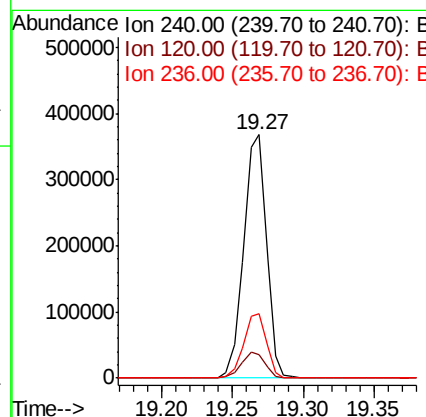
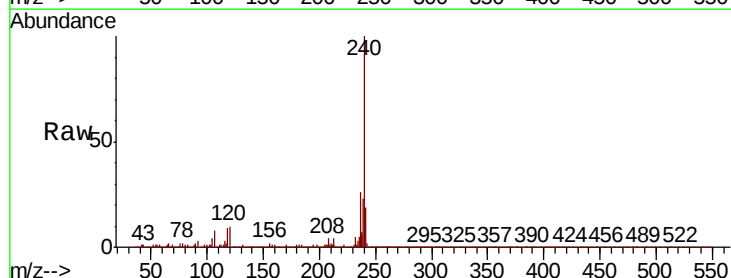
Instrument :
BNA_P
ClientSampleId :

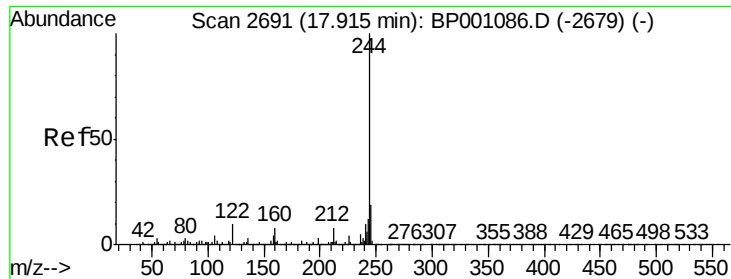
Tot Ion	Ratio	Lower	Upper
198	100		
51	205.0	40.5	80.5#
105	400.0	35.7	75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.5	20.4	30.6





#79

Terphenyl-d14

Concen: 66.208 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampleId :

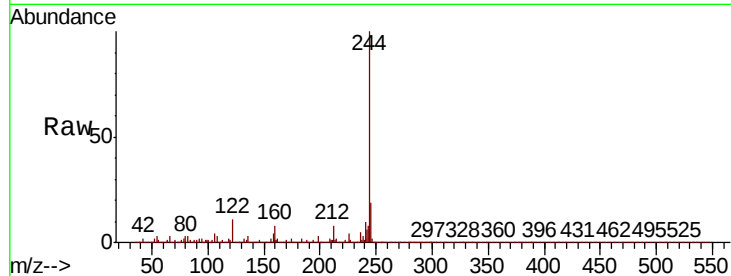
Tot Ion:244 Resp: 1487951

Ion Ratio Lower Upper

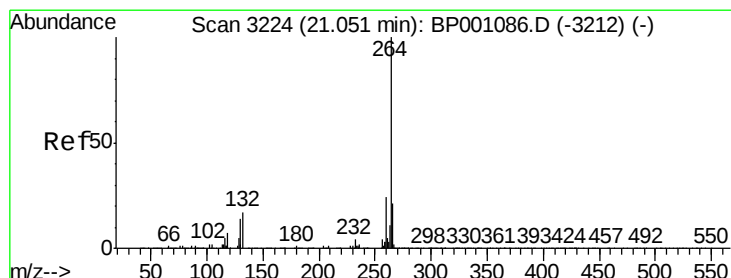
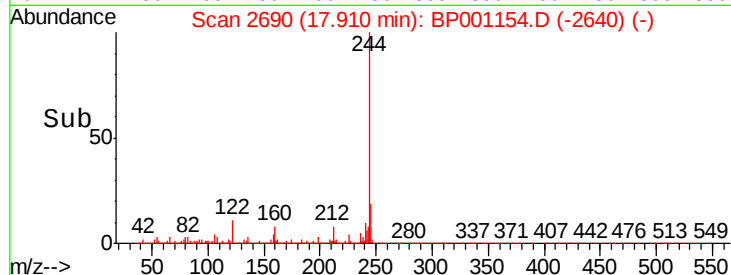
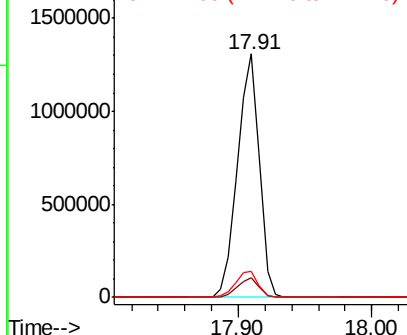
244 100

212 7.9 6.2 9.2

122 10.5 8.2 12.2



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

Perylene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

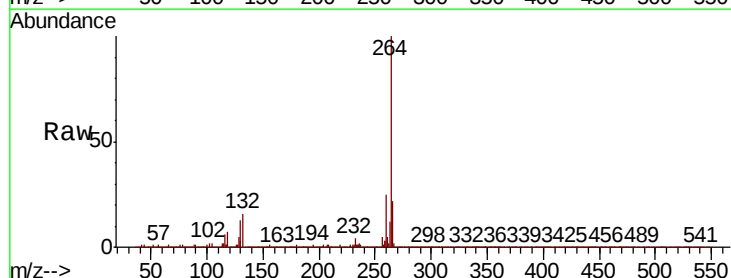
Tgt Ion:264 Resp: 467594

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.0 16.9 25.3



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

