

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001153.D
 Acq On : 03 Dec 2019 06:29
 Operator : JU
 Sample : K6014-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:45:19 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

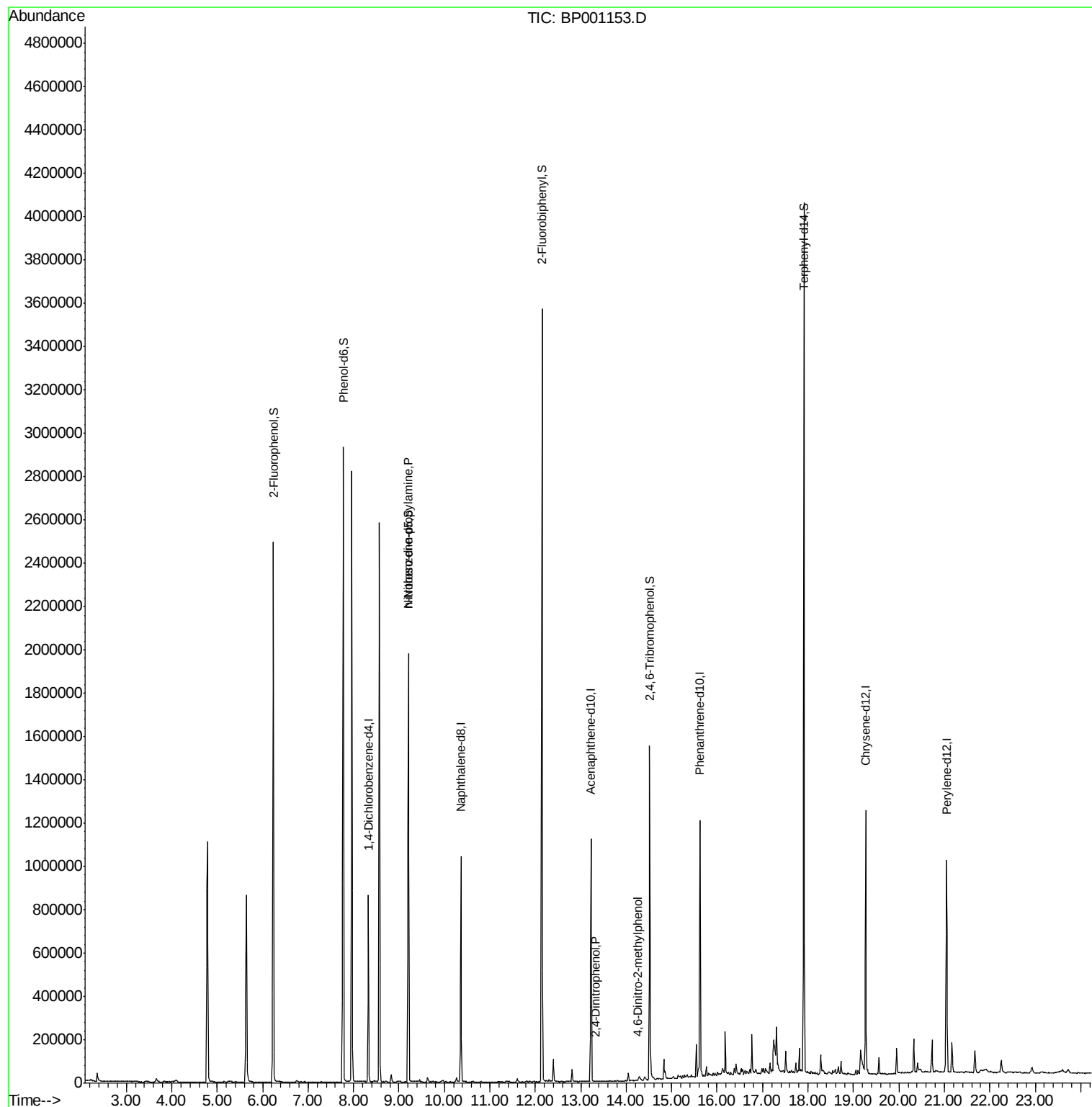
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	150689	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	544413	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	297746	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	564933	20.00	ng	0.00
76) Chrysene-d12	19.27	240	454212	20.00	ng	0.00
87) Perylene-d12	21.05	264	516104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	814320	89.66	ng	0.00
7) Phenol-d6	7.78	99	1224944	101.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	842612	67.15	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	203749	71.39	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1375753	67.63	ng	0.00
79) Terphenyl-d14	17.91	244	1571215	64.00	ng	0.00
Target Compounds						
9) Benzaldehyde	7.51	77	107	Below Cal	Qvalue	# 20
19) n-Nitroso-di-n-propylamine	9.21	70	116718	13.368 ng	#	81
54) 2,4-Dinitrophenol	13.33	184	24	7.120 ng	#	73
65) 4,6-Dinitro-2-methylphenol	14.25	198	22	6.284 ng	#	1

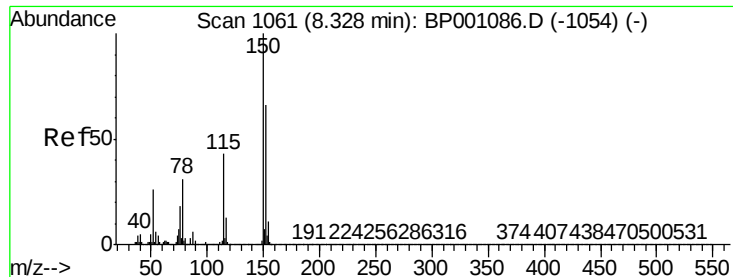
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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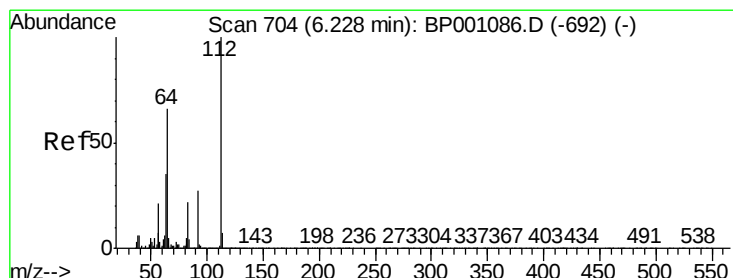
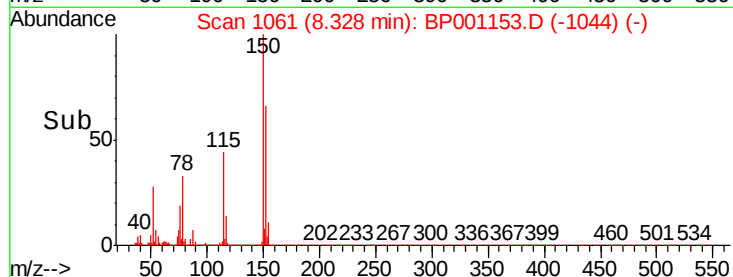
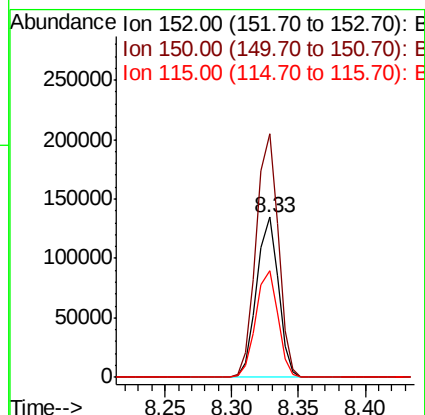
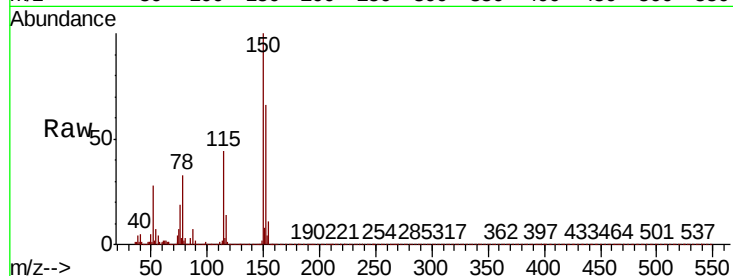




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

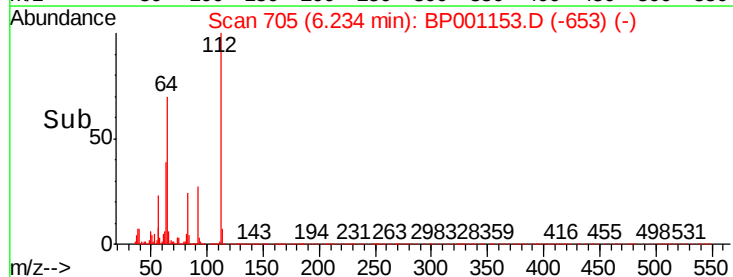
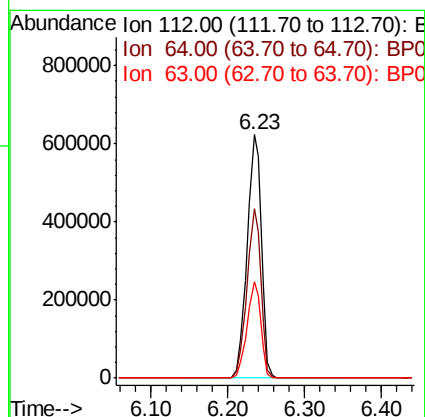
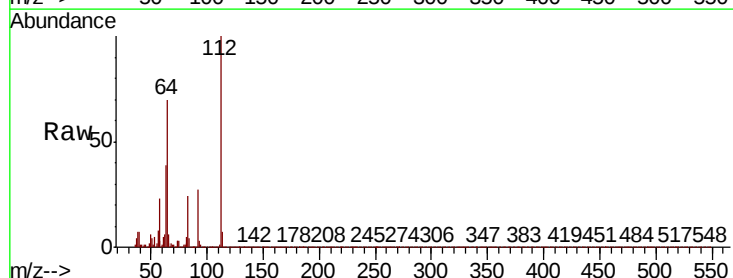
Instrument :
 BNA_P
 ClientSampled :

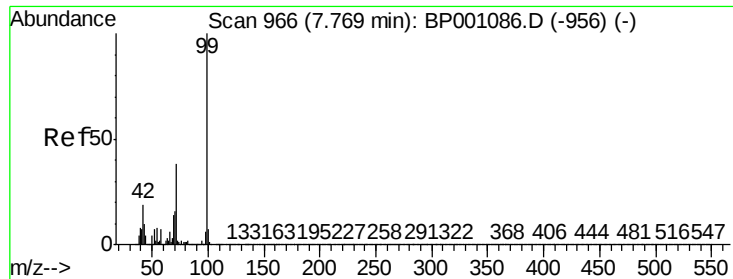
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.6	181.0
115	66.8	51.6	77.4



#5
 2-Fluorophenol
 Concen: 89.656 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.8	79.2
63	39.4	28.2	42.2





#7

Phenol-d6

Concen: 101.232 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Instrument :

BNA_P

ClientSampleId :

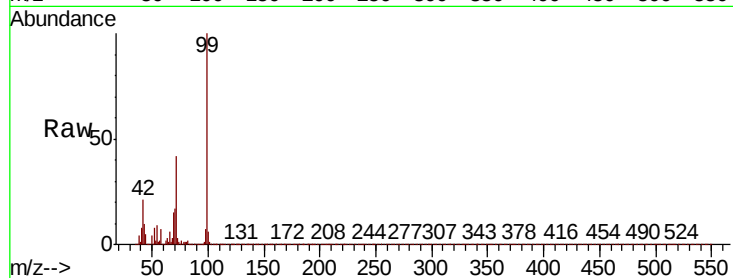
Tot Ion: 99 Resp: 1224944

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

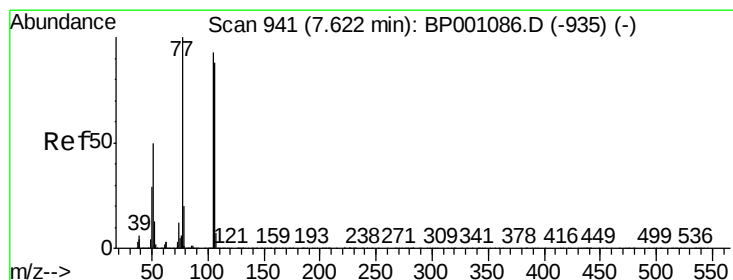
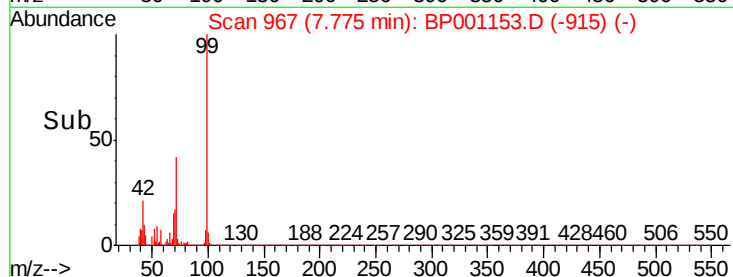
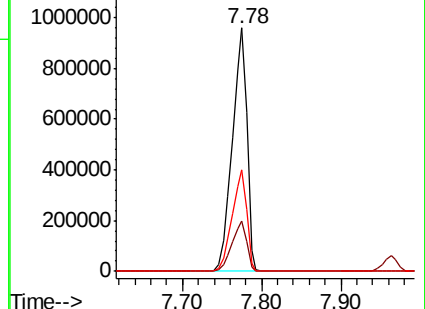
71 41.8 30.8 46.2



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: 7.51 min Scan# 922

Delta R.T. -0.11 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

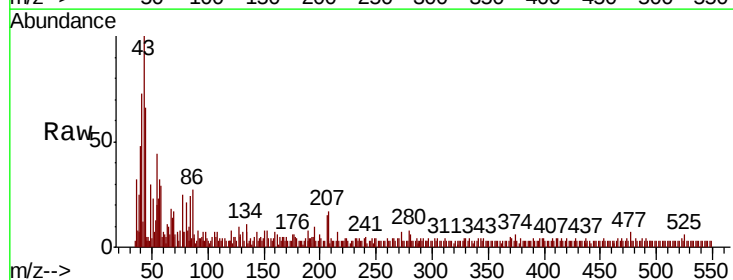
Tgt Ion: 77 Resp: 107

Ion Ratio Lower Upper

77 100

105 28.1 72.5 112.5#

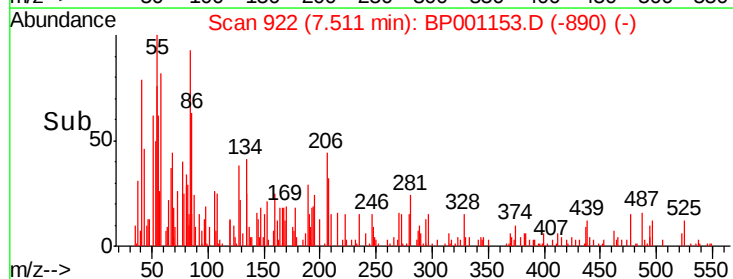
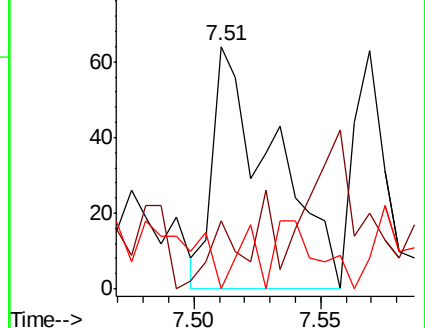
106 0.0 67.6 107.6#

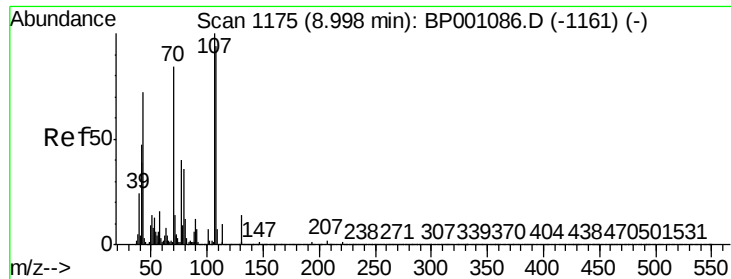


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

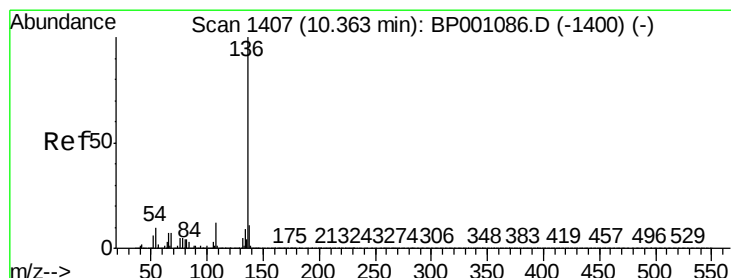
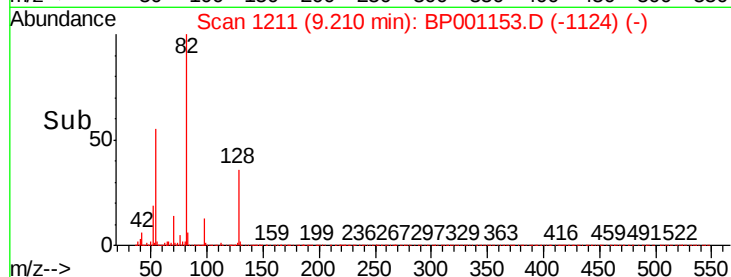
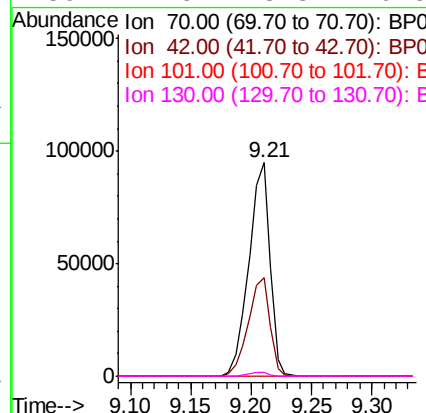
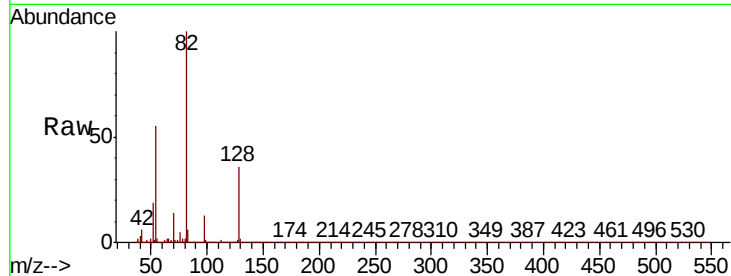




#19
n-Nitroso-di-n-propylamine
Concen: 13.368 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

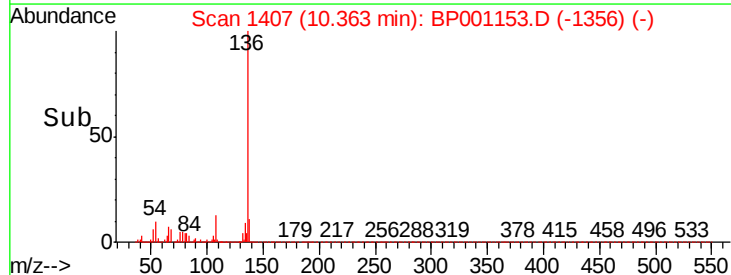
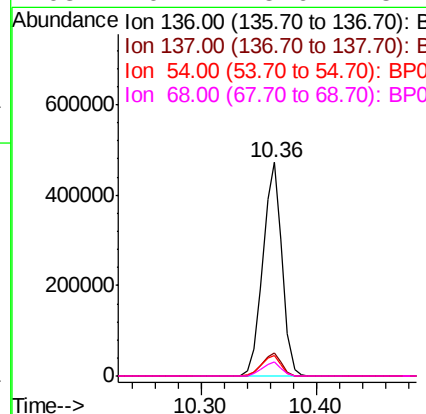
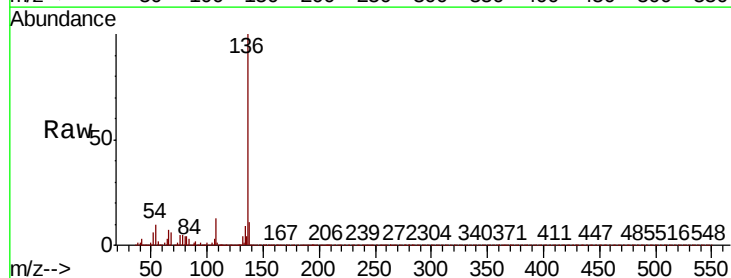
Instrument :
BNA_P
ClientSampled :

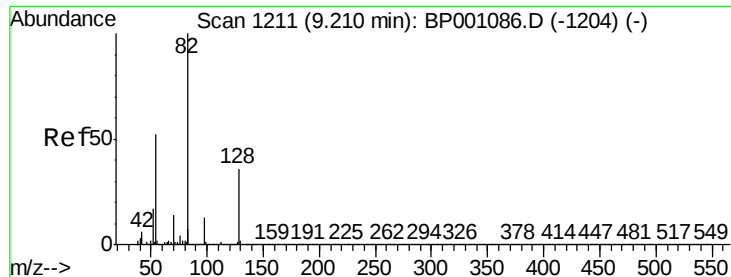
Tot Ion: 70 Resp: 116718
Ion Ratio Lower Upper
70 100
42 46.2 44.6 66.8
101 0.0 7.1 10.7#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Tgt Ion: 136 Resp: 544413
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.6 7.9 11.9
68 6.4 5.6 8.4

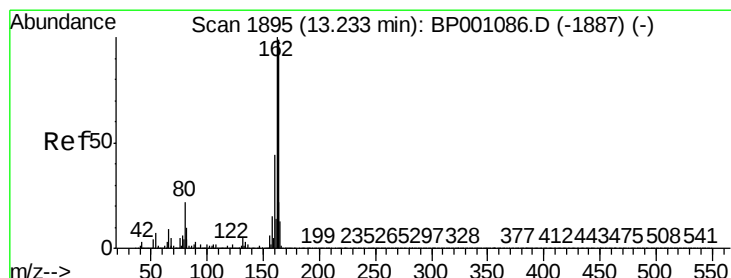
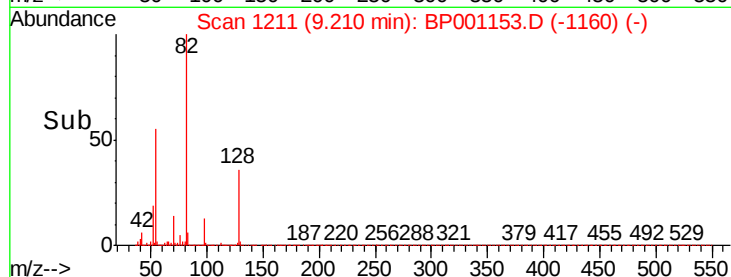
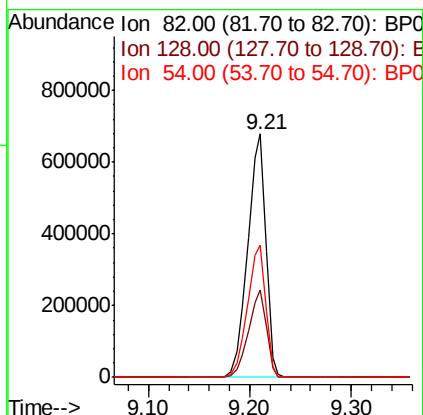
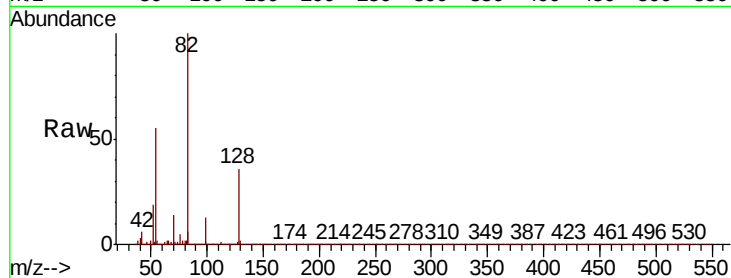




#23
Nitrobenzene-d5
Concen: 67.150 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

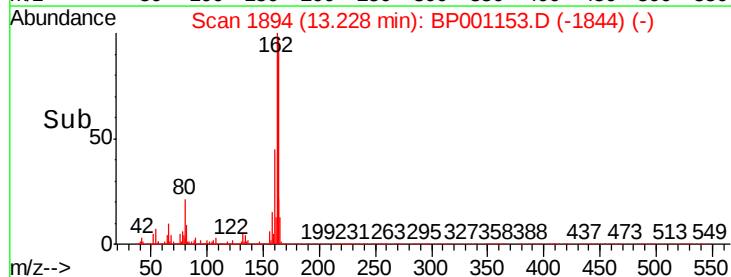
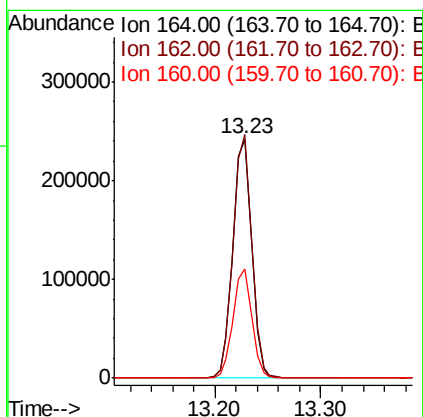
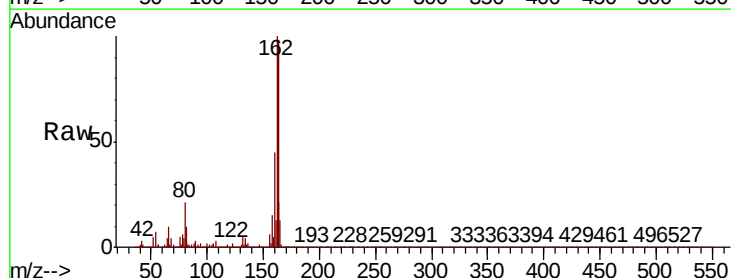
Instrument :
BNA_P
ClientSampleId :

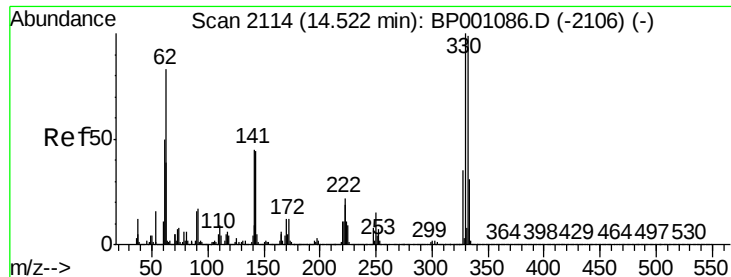
Tot Ion	82	Resp	842612
Ion Ratio	100	Lower	Upper
128	35.7	28.9	43.3
54	54.6	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Tgt Ion	164	Resp	297746
Ion Ratio	100	Lower	Upper
162	102.0	80.6	120.8
160	45.6	35.4	53.2

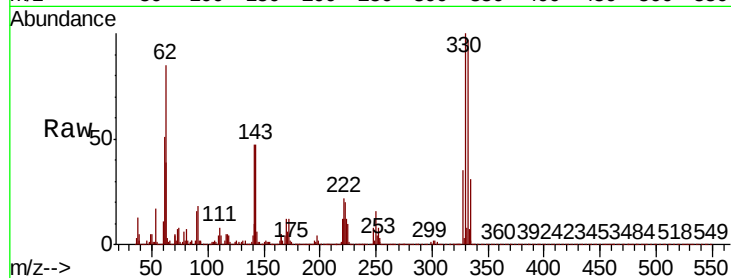




#42
2,4,6-Tribromophenol
Concen: 71.393 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	43.9	34.2	51.2

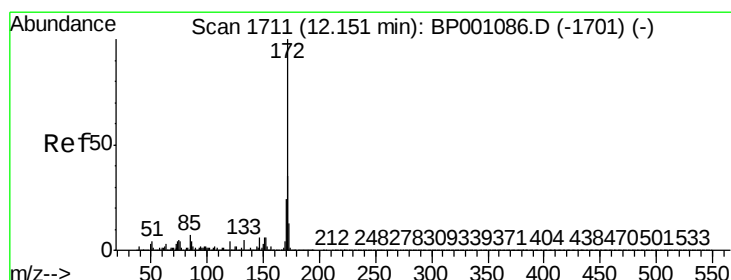
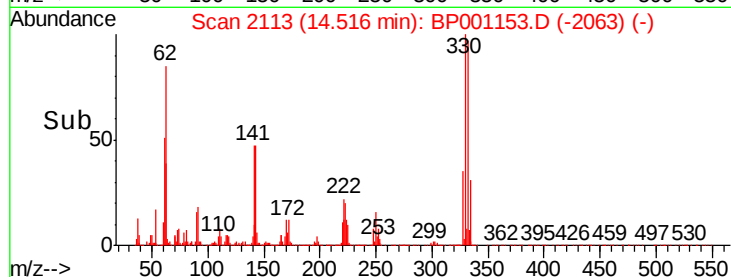
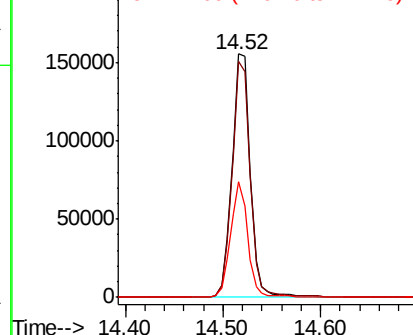


Abundance

Ion 329.80 (329.50 to 330.50): E

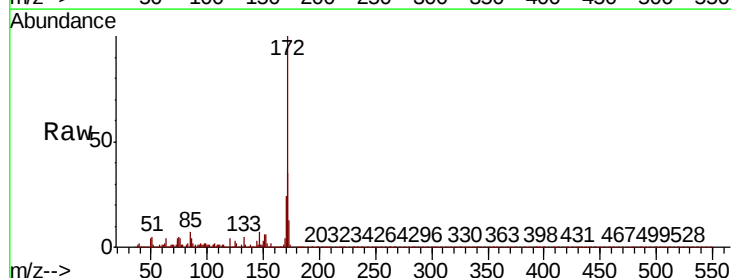
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 67.625 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.8	19.0	28.4

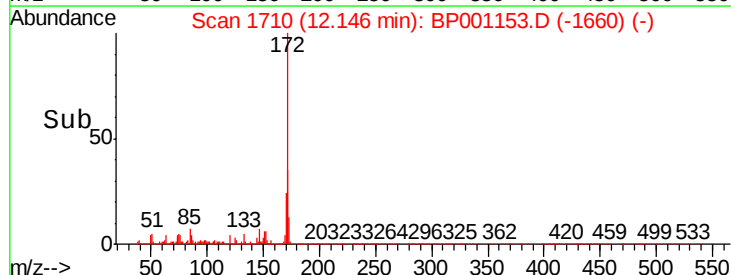
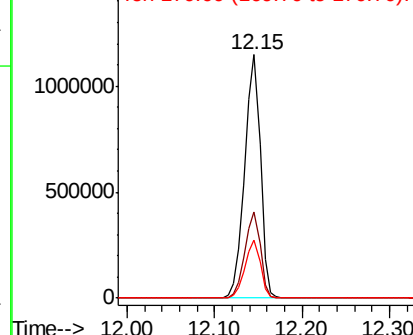


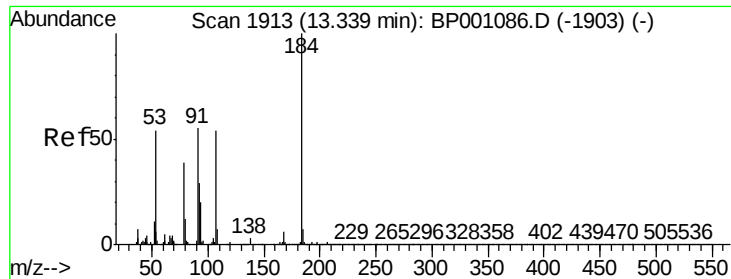
Abundance

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

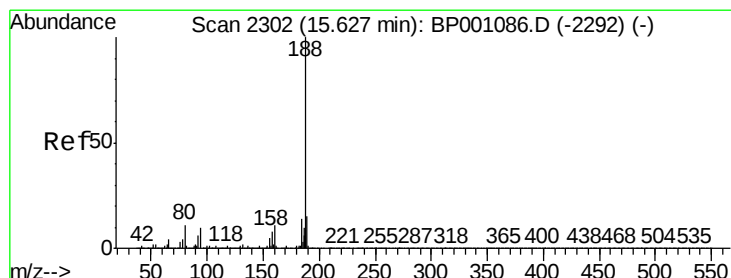
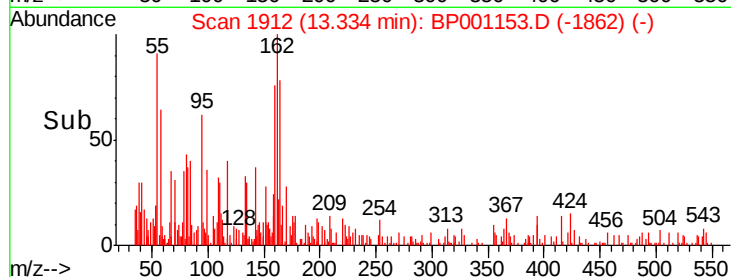
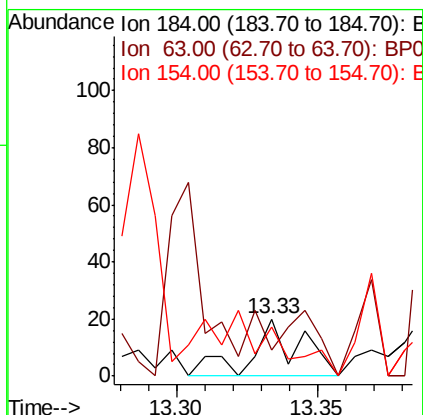
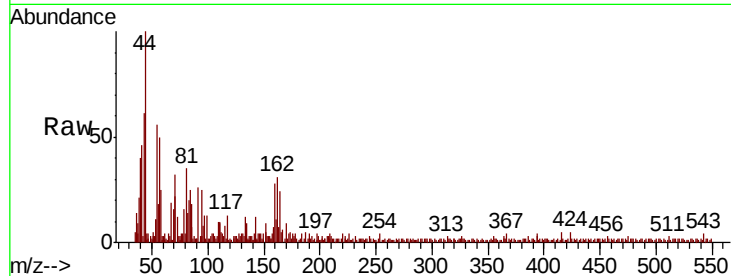




#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

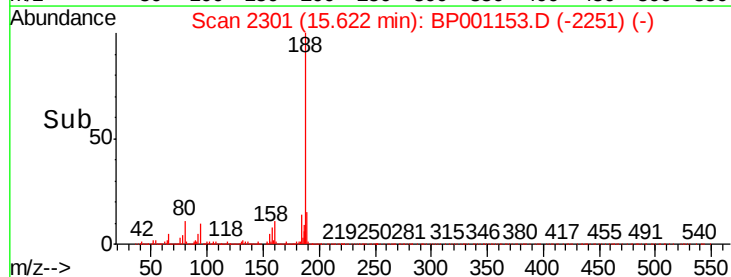
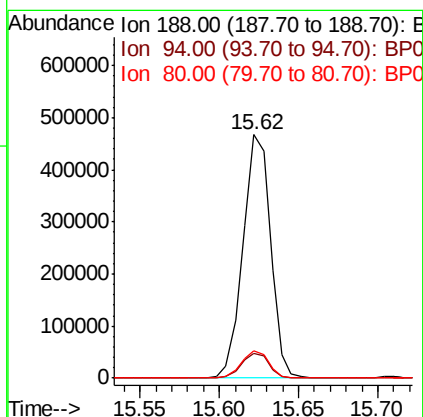
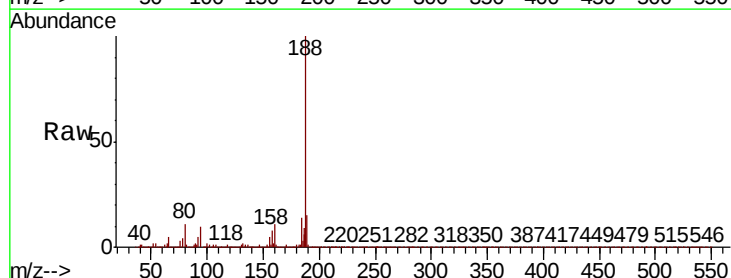
Instrument :
BNA_P
ClientSampleId :

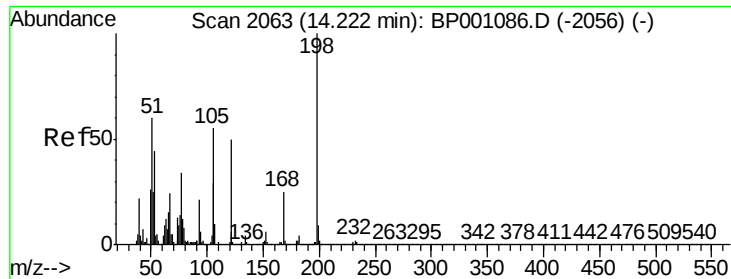
Tot Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 45.0 60.7 91.1#
154 85.0 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Tgt Ion:188 Resp: 564933
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.0 8.8 13.2

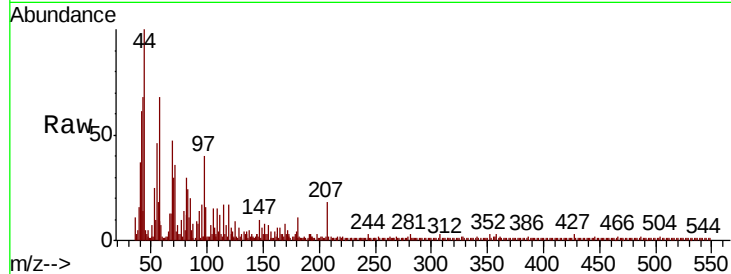




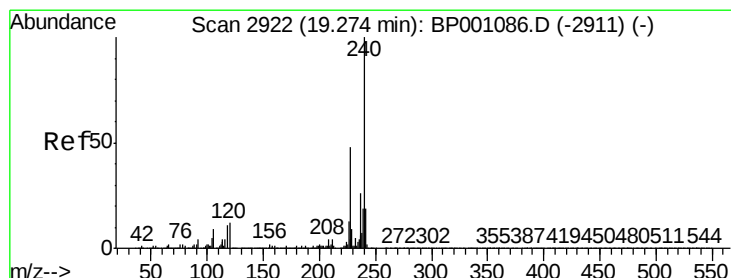
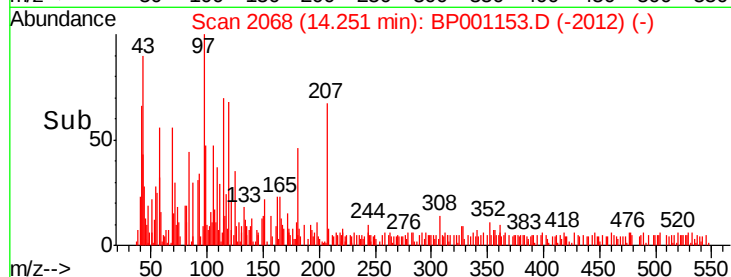
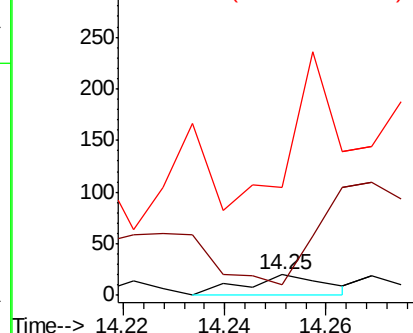
#65
4,6-Dinitro-2-methylphenol
Concen: 6.284 ng
RT: 14.25 min Scan# 2068
Delta R.T. 0.03 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Instrument :
BNA_P
ClientSampled :

Tot Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 55.0 40.5 80.5
105 520.0 35.7 75.7#

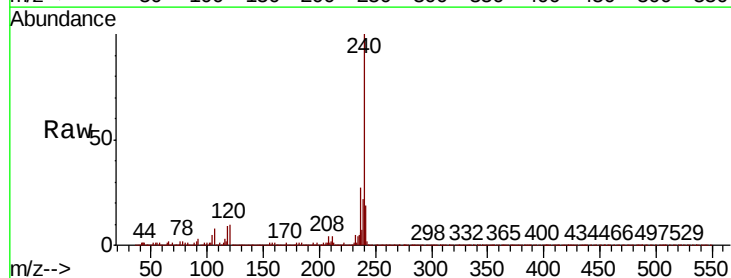


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

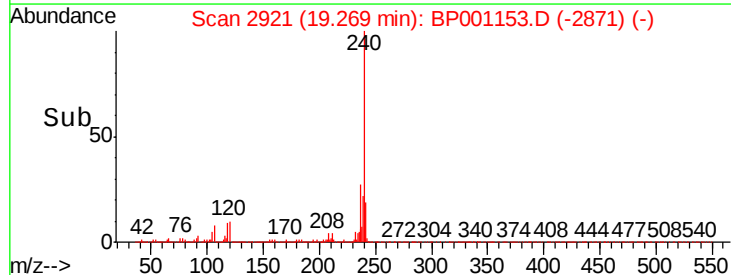
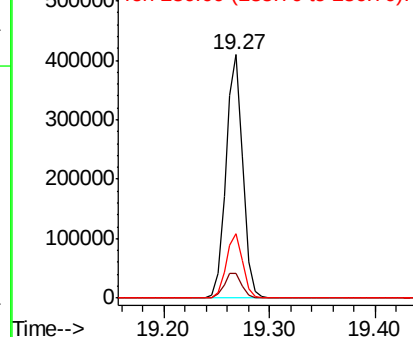


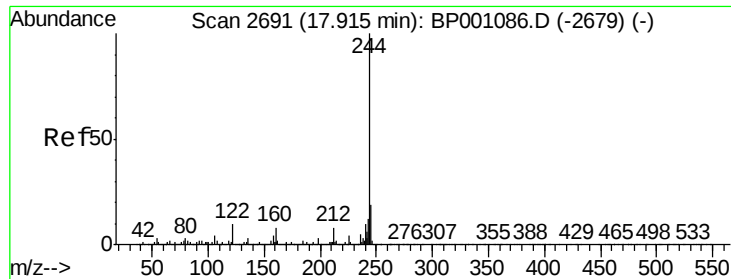
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001153.D
Acq: 03 Dec 2019 06:29

Tgt Ion:240 Resp: 454212
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.6 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

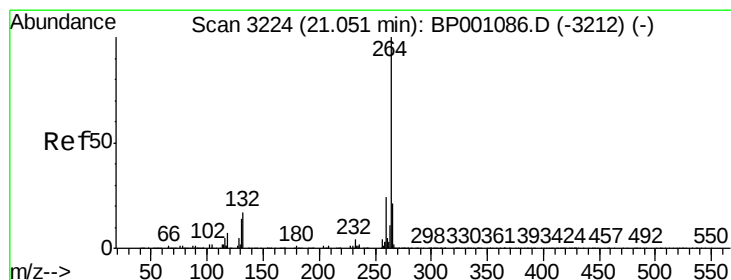
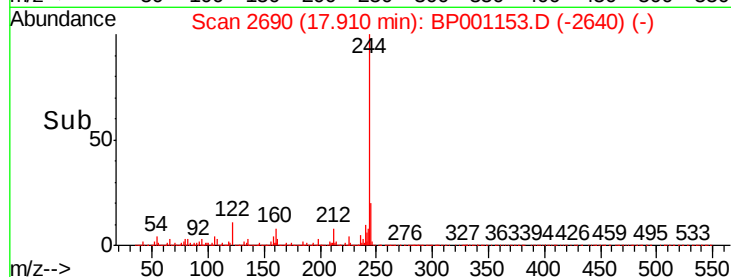
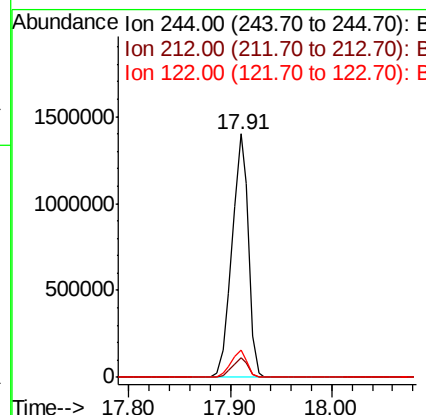
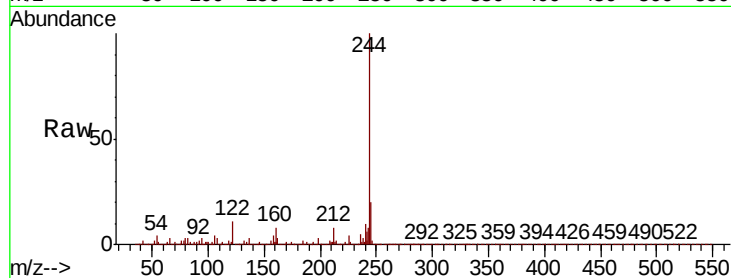




#79
 Terphenyl-d14
 Concen: 63.999 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1571215
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 11.1 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: BP001153.D
 Acq: 03 Dec 2019 06:29

Tgt Ion:264 Resp: 516104
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.4 16.9 25.3

