

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001194.D
 Acq On : 04 Dec 2019 12:05
 Operator : JU
 Sample : K6014-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 13:09:44 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

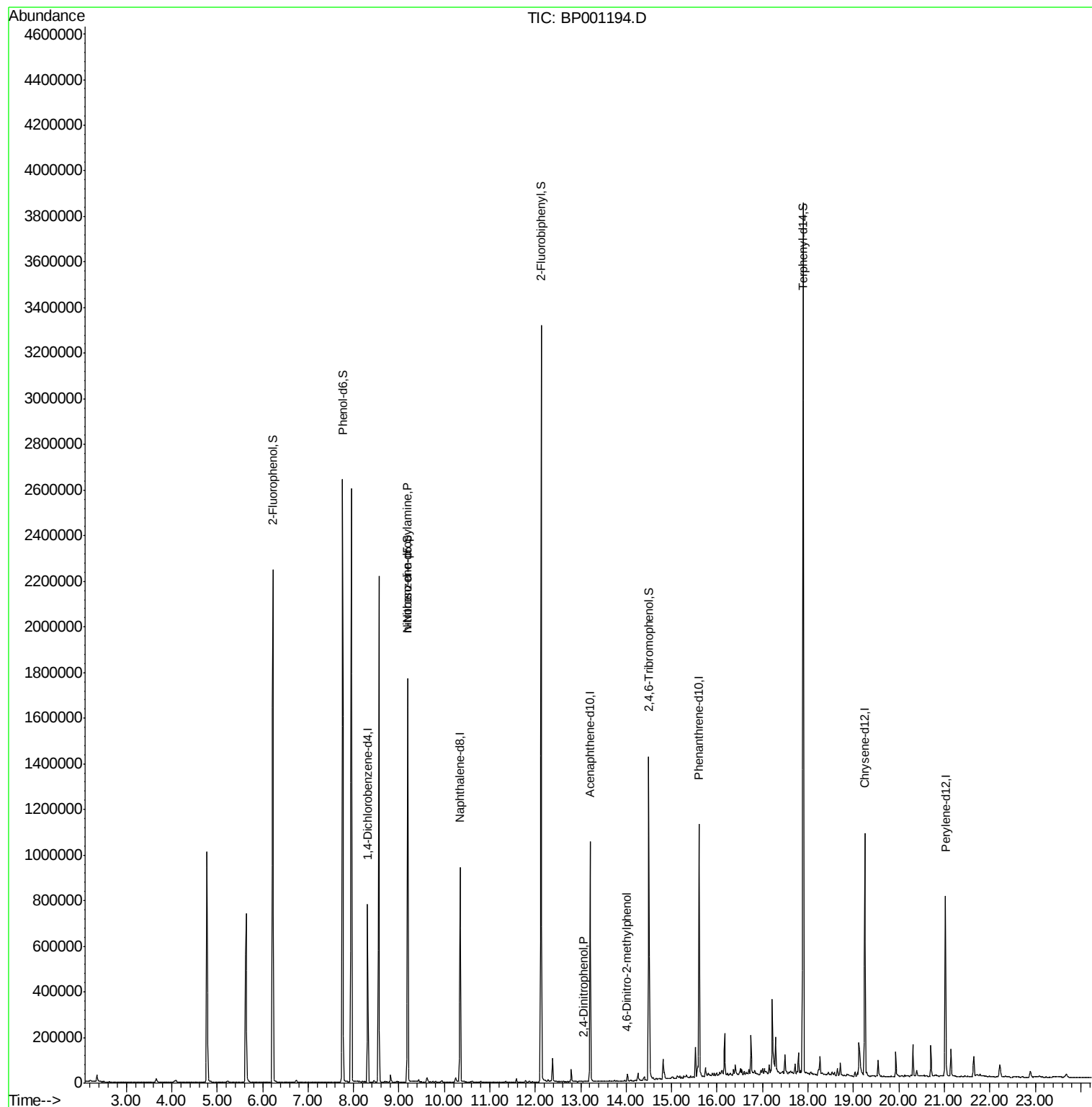
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	133076	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	488251	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	271092	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	516348	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	399191	20.00	ng	-0.02
87) Perylene-d12	21.03	264	416791	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	719876	89.75	ng	0.00
7) Phenol-d6	7.76	99	1087957	101.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	776270	68.98	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	196254	75.53	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1289113	69.60	ng	-0.02
79) Terphenyl-d14	17.89	244	1472654	68.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.62	77	83	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	111713	14.488 ng	#	62
54) 2,4-Dinitrophenol	13.06	184	13	7.116 ng		98
65) 4,6-Dinitro-2-methylphenol	14.02	198	23	6.286 ng	#	7

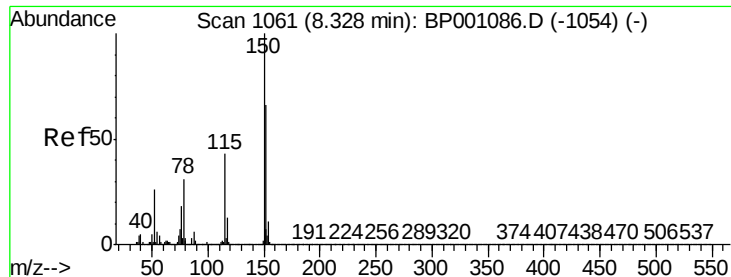
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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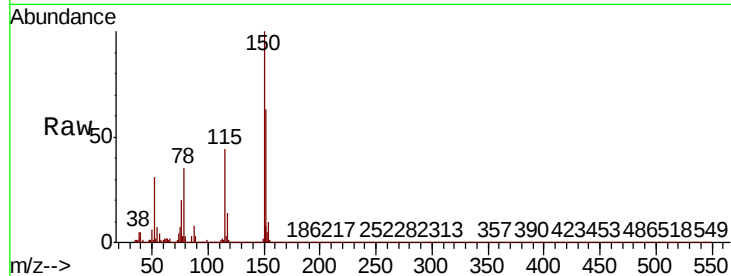




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001194.D
 Acq: 04 Dec 2019 12:05

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	120.6	181.0
115	69.9	51.6	77.4

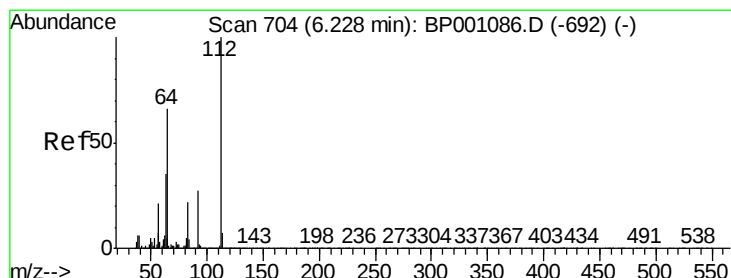
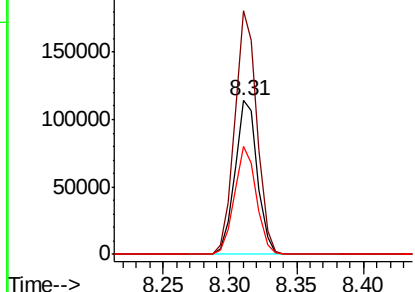
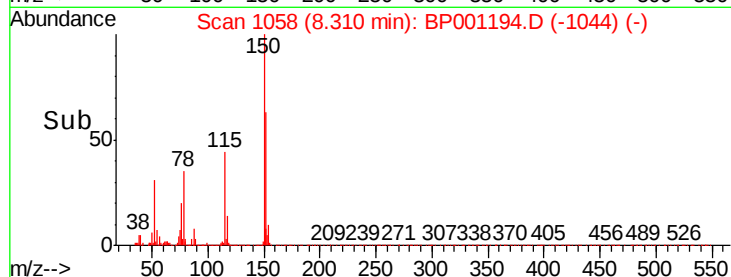


Abundance

Ion 152.00 (151.70 to 152.70): E

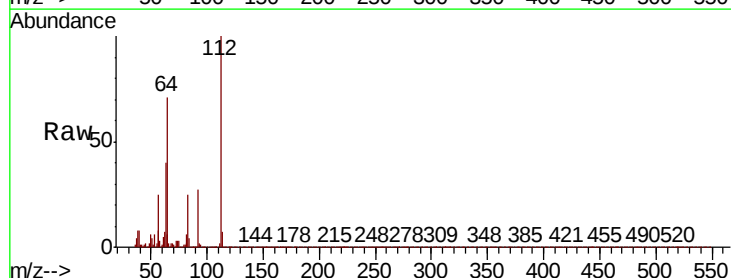
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 89.748 ng
 RT: 6.22 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BP001194.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.8	79.2
63	40.0	28.2	42.2

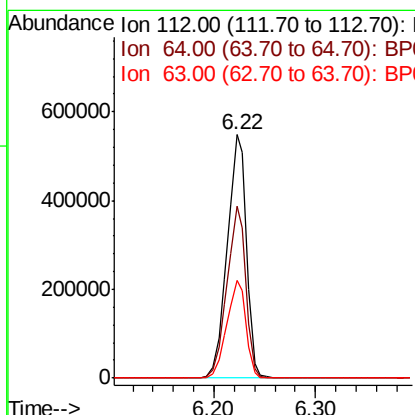
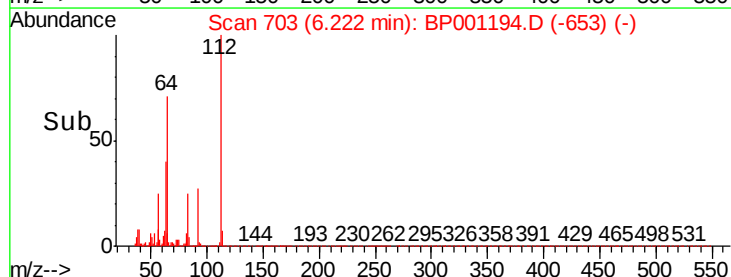


Abundance

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: 101.811 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

BNA_P

ClientSampleId :

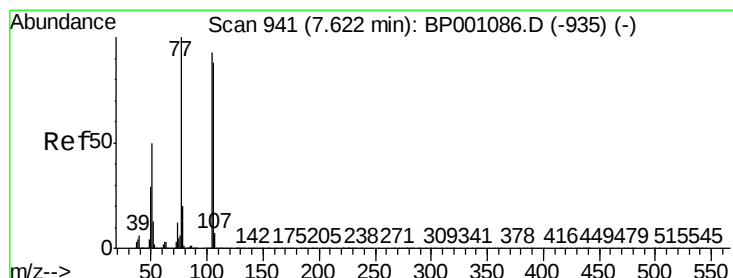
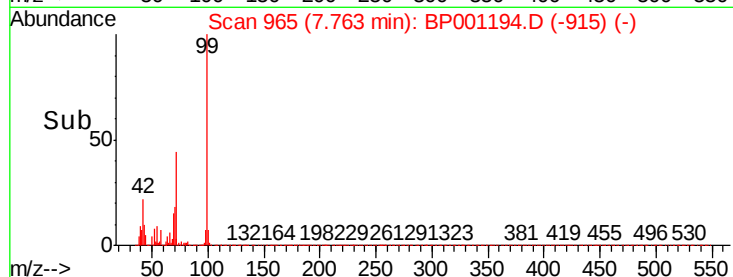
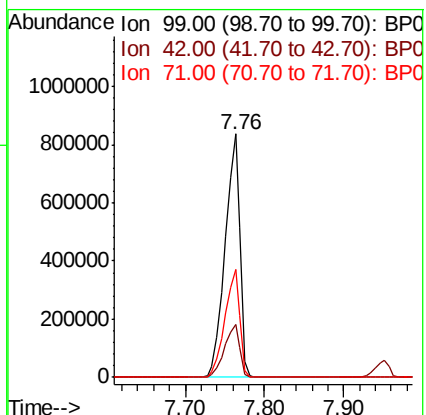
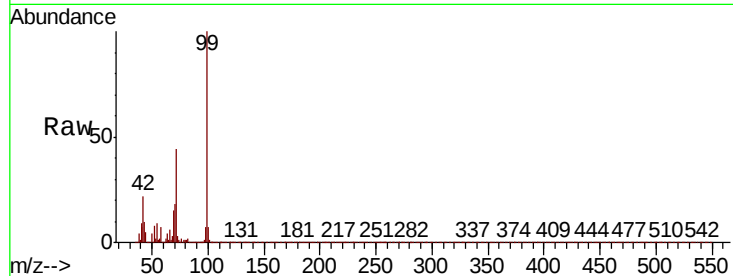
Tot Ion: 99 Resp: 1087957

Ion Ratio Lower Upper

99 100

42 21.9 15.4 23.0

71 44.3 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

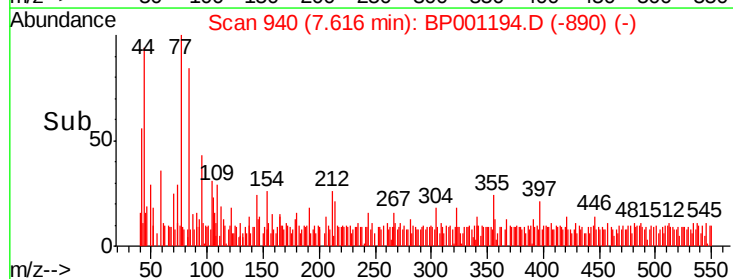
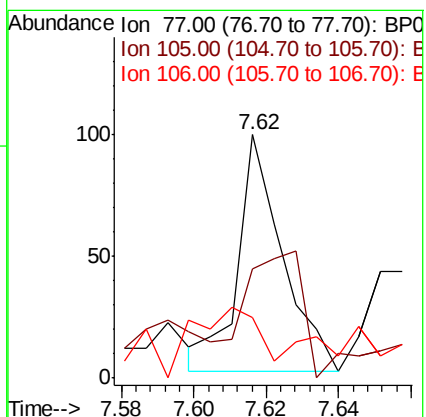
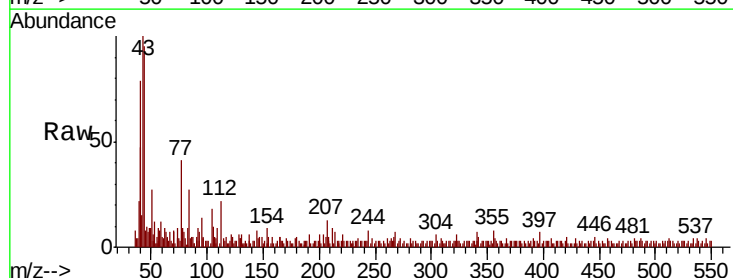
Tgt Ion: 77 Resp: 83

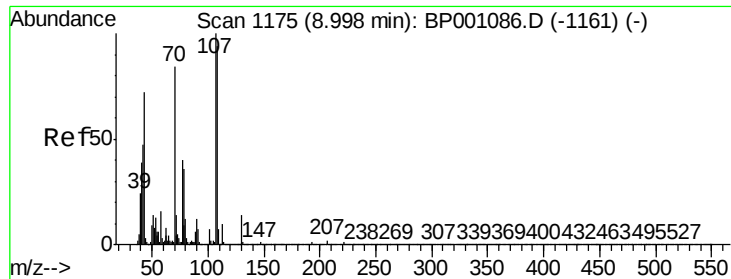
Ion Ratio Lower Upper

77 100

105 70.0 72.5 112.5#

106 38.0 67.6 107.6#

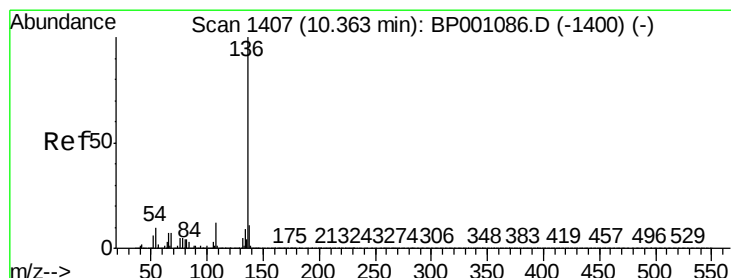
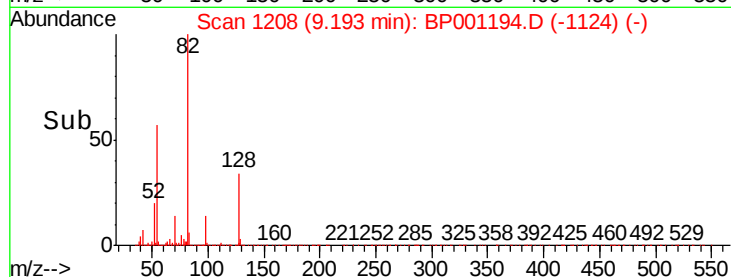
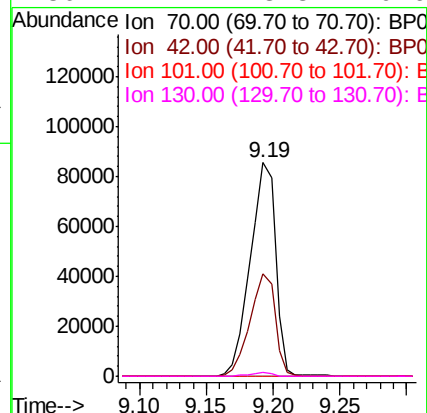
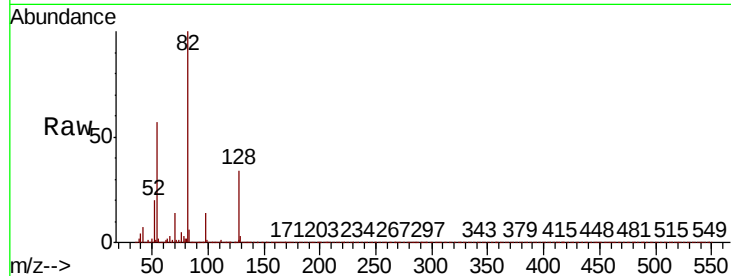




#19
n-Nitroso-di-n-propylamine
Concen: 14.488 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

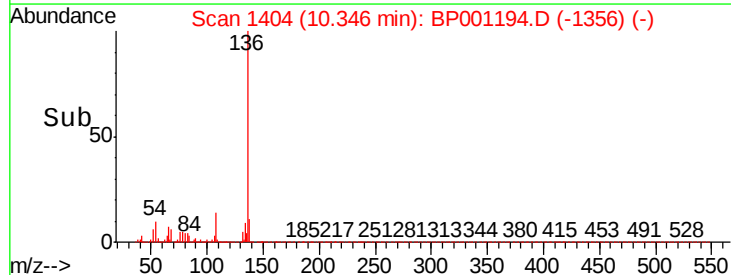
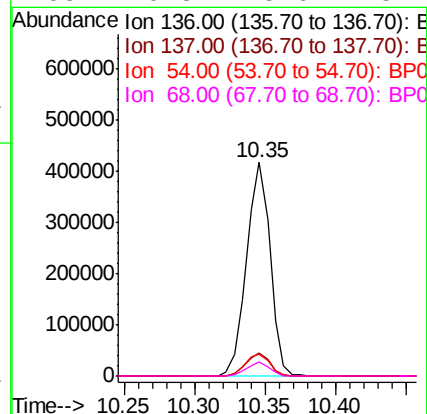
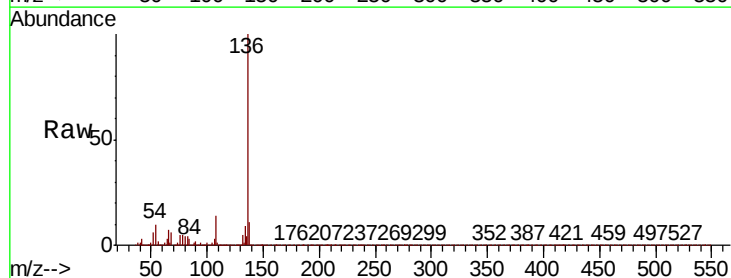
Instrument :
BNA_P
ClientSampleId :

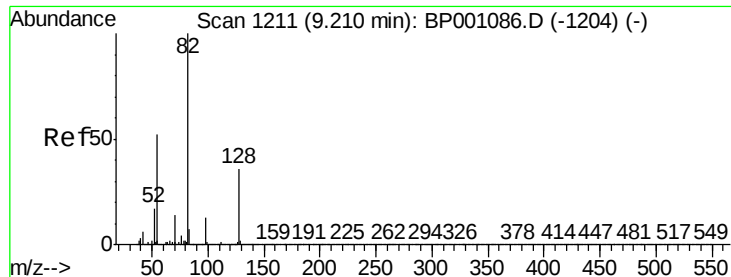
Tot Ion:	70	Resp:	111713
Ion	Ratio	Lower	Upper
70	100		
42	47.9	44.6	66.8
101	0.0	7.1	10.7#
130	1.7	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion:	136	Resp:	488251
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.9	7.9	11.9
68	6.3	5.6	8.4

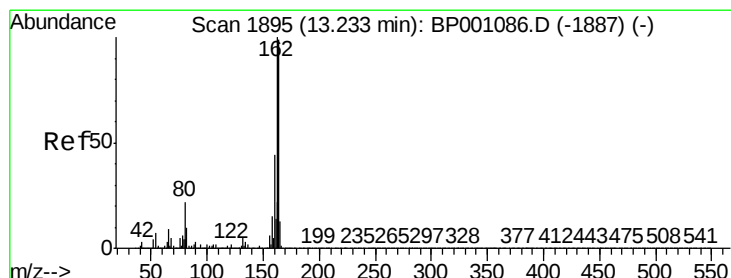
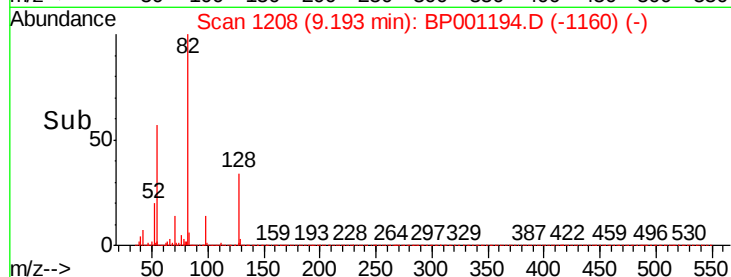
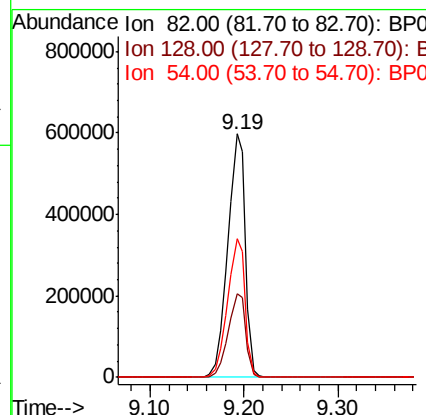
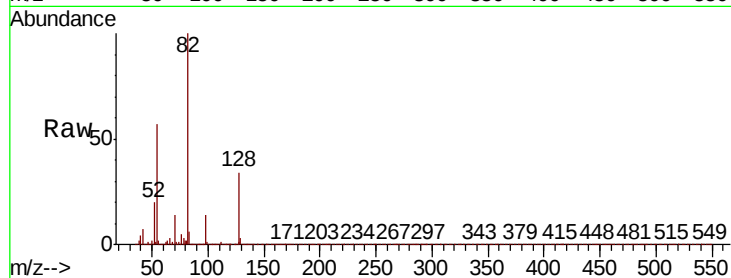




#23
Nitrobenzene-d5
Concen: 68.979 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

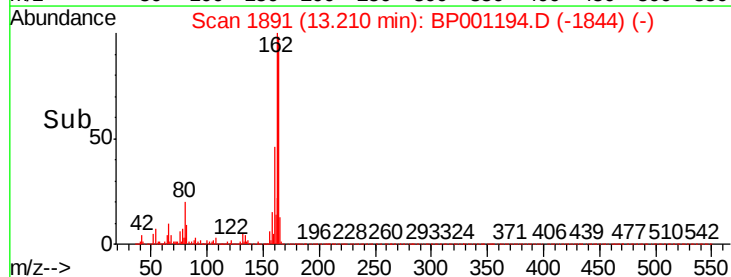
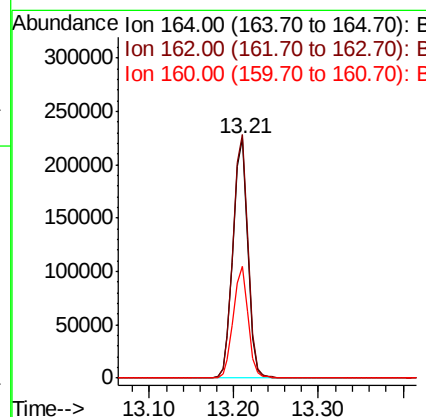
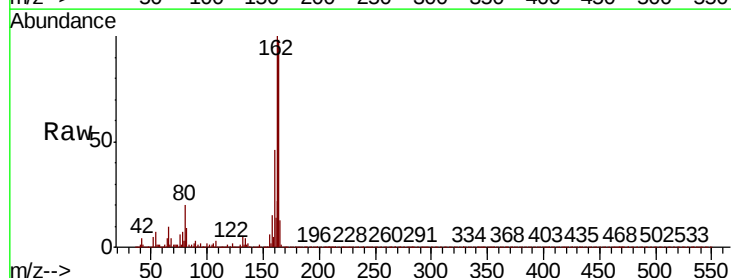
Instrument :
BNA_P
ClientSampleId :

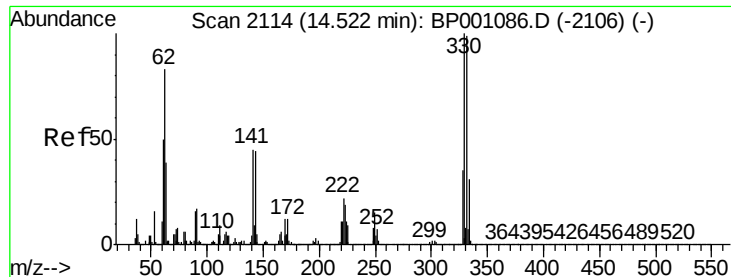
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	57.0	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	46.6	35.4	53.2

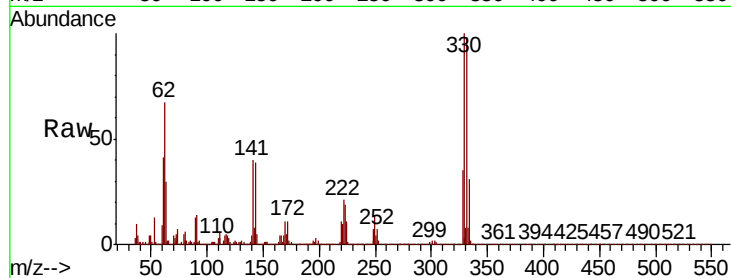




#42
2,4,6-Tribromophenol
Concen: 75.528 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	45.4	34.2	51.2

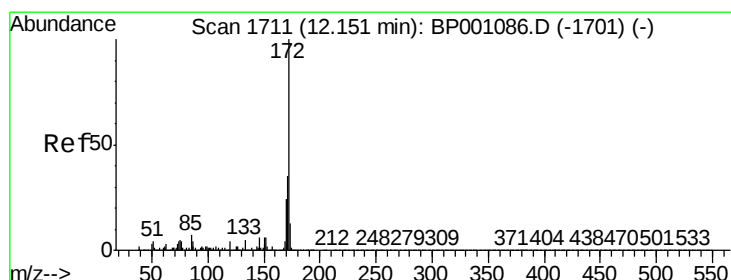
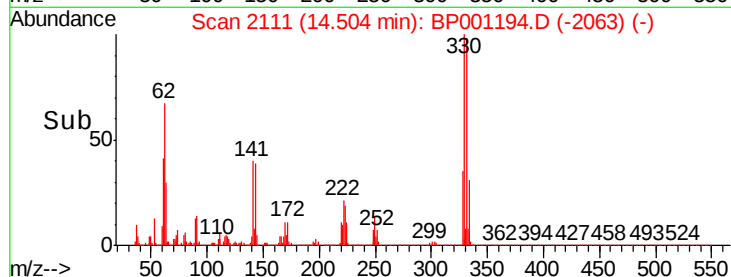
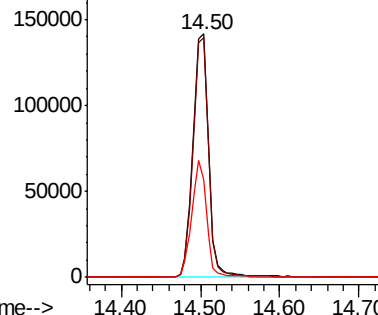


Abundance

Ion 329.80 (329.50 to 330.50): E

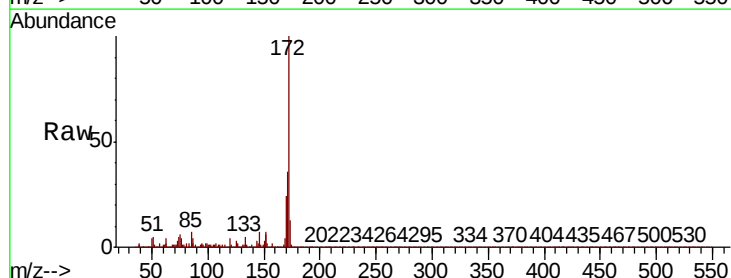
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 69.597 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.6	19.0	28.4

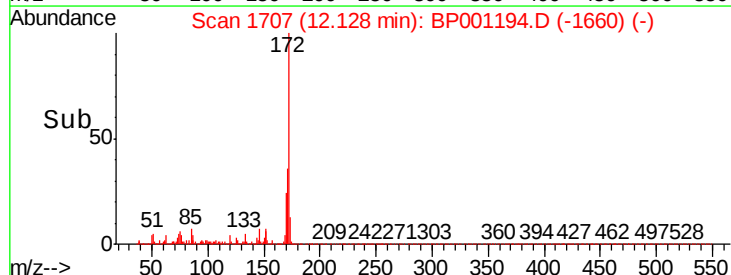
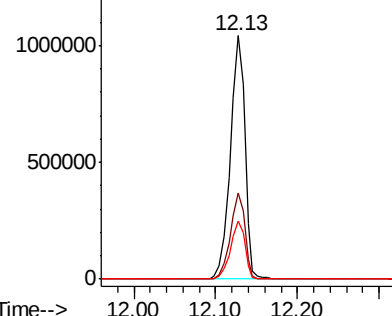


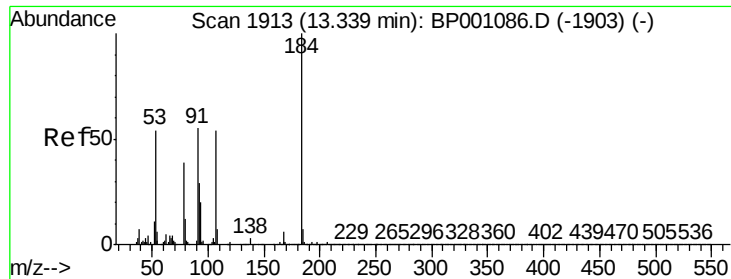
Abundance

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

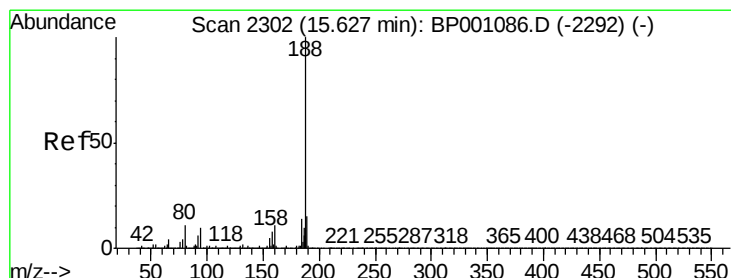
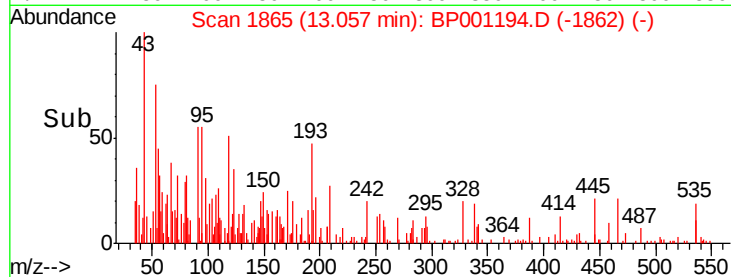
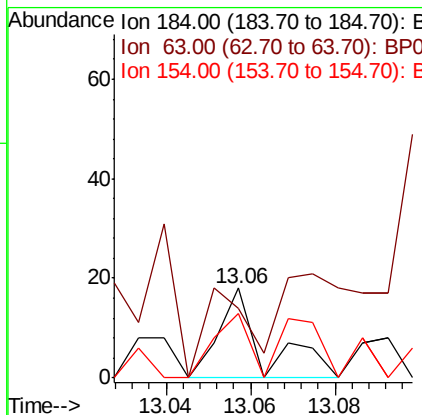
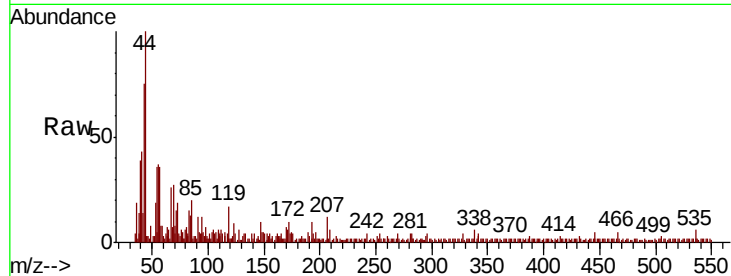




#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.28 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

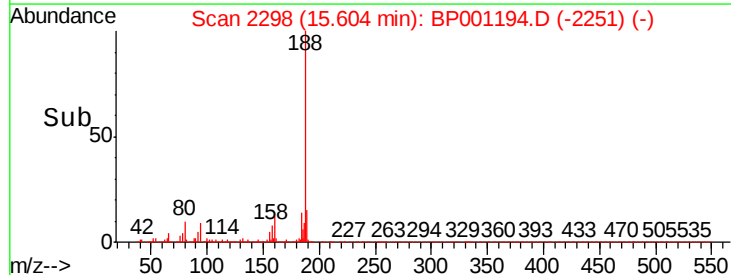
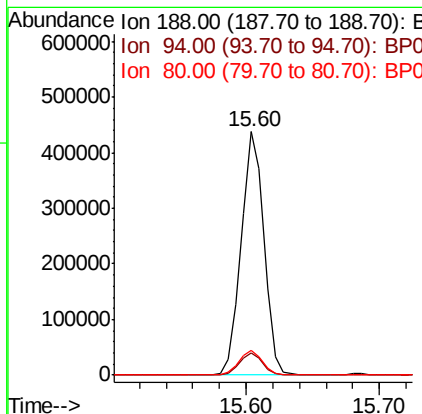
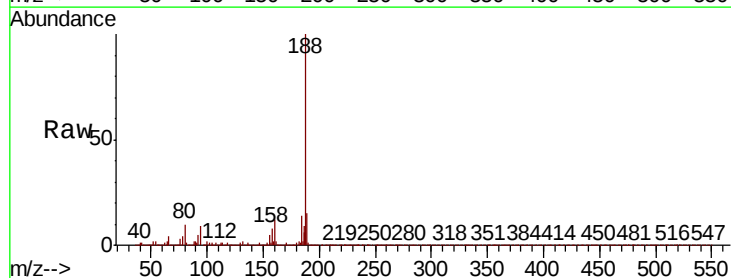
Instrument :
BNA_P
ClientSampleId :

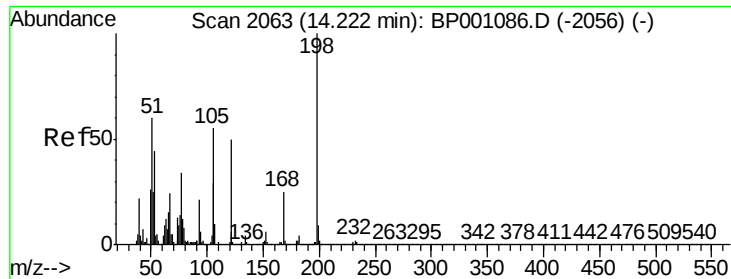
Tot Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 77.8 60.7 91.1
154 72.2 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion:188 Resp: 516348
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.1 8.8 13.2

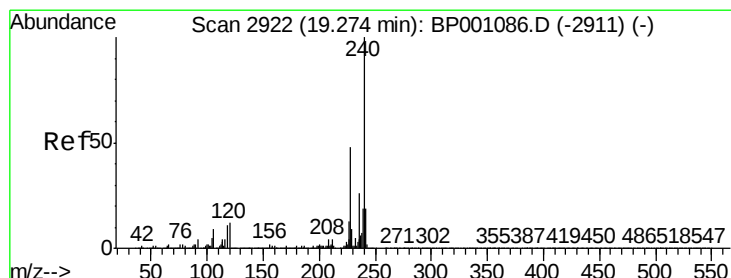
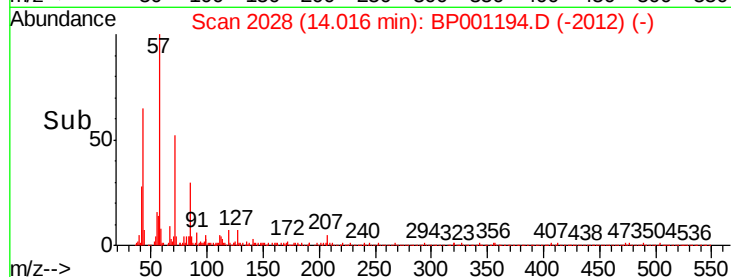
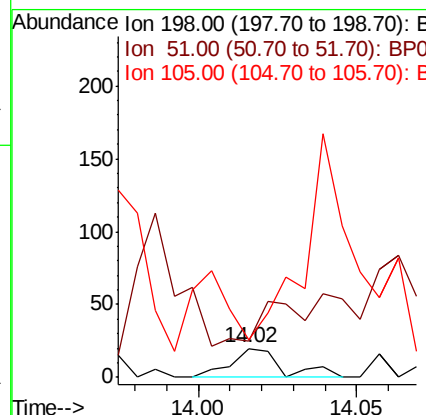
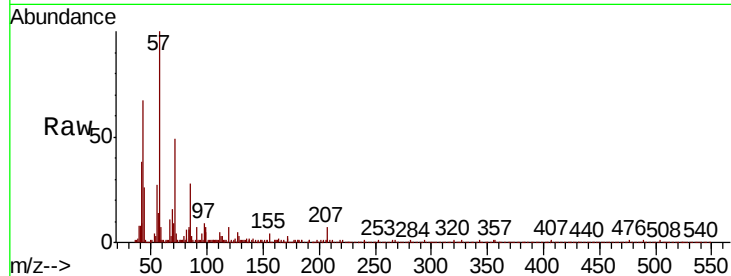




#65
4,6-Dinitro-2-methylphenol
Concen: 6.286 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.21 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

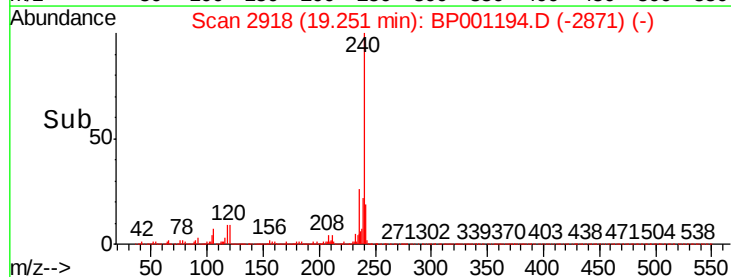
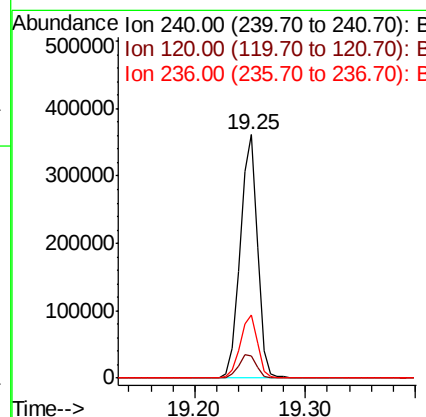
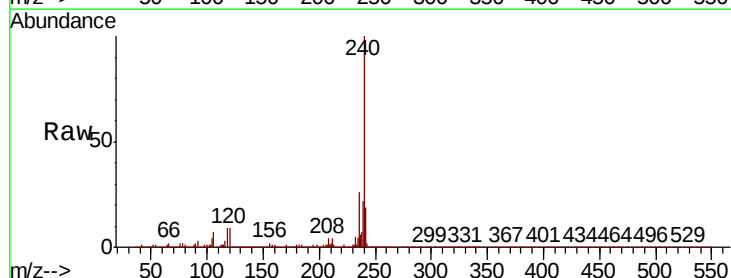
Instrument :
BNA_P
ClientSampleId :

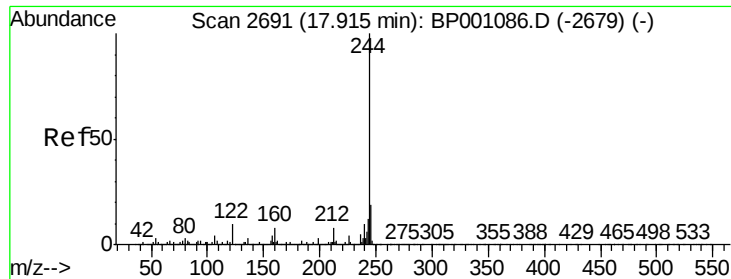
Tot Ion	Ratio	Lower	Upper
198	100		
51	125.0	40.5	80.5#
105	130.0	35.7	75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.8	20.4	30.6





#79

Terphenyl-d14

Concen: 68.252 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

BNA_P

ClientSampleId :

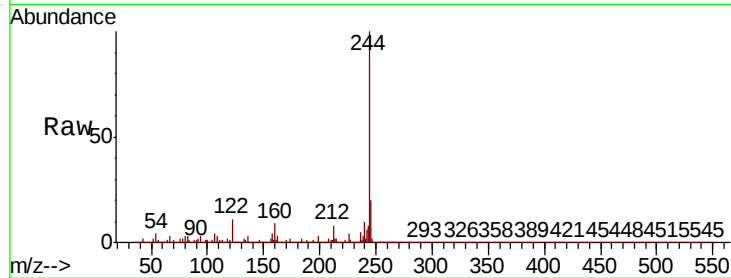
Tot Ion:244 Resp: 1472654

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.8	8.2	12.2

244 100

212 8.3 6.2 9.2

122 10.8 8.2 12.2

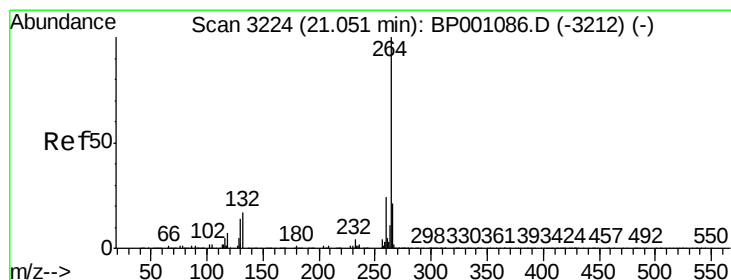
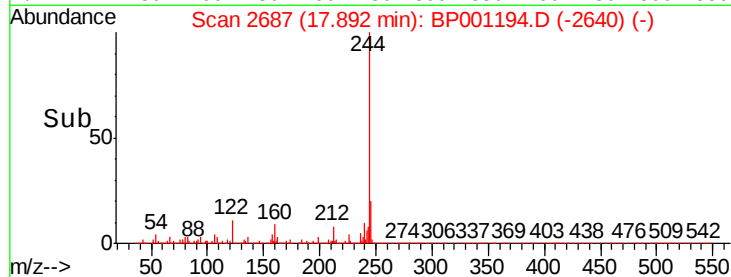
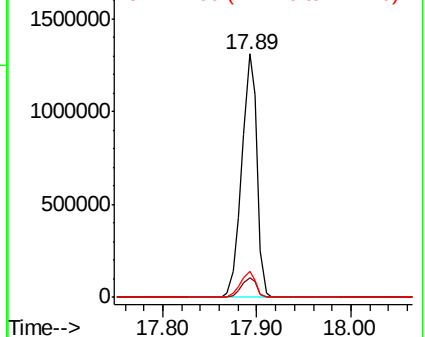


Abundance

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: 21.03 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

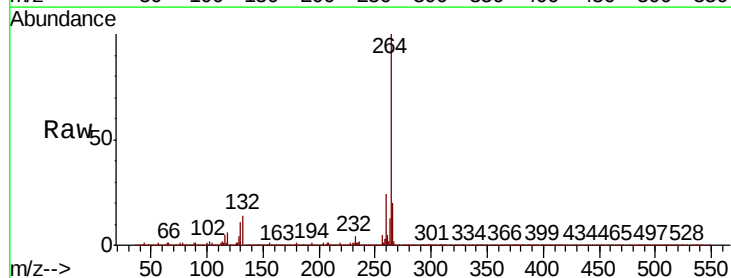
Tgt Ion:264 Resp: 416791

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	19.9	16.9	25.3

264 100

260 23.9 18.8 28.2

265 19.9 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

