

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001149.D
 Acq On : 03 Dec 2019 04:29
 Operator : JU
 Sample : K6014-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:44:18 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

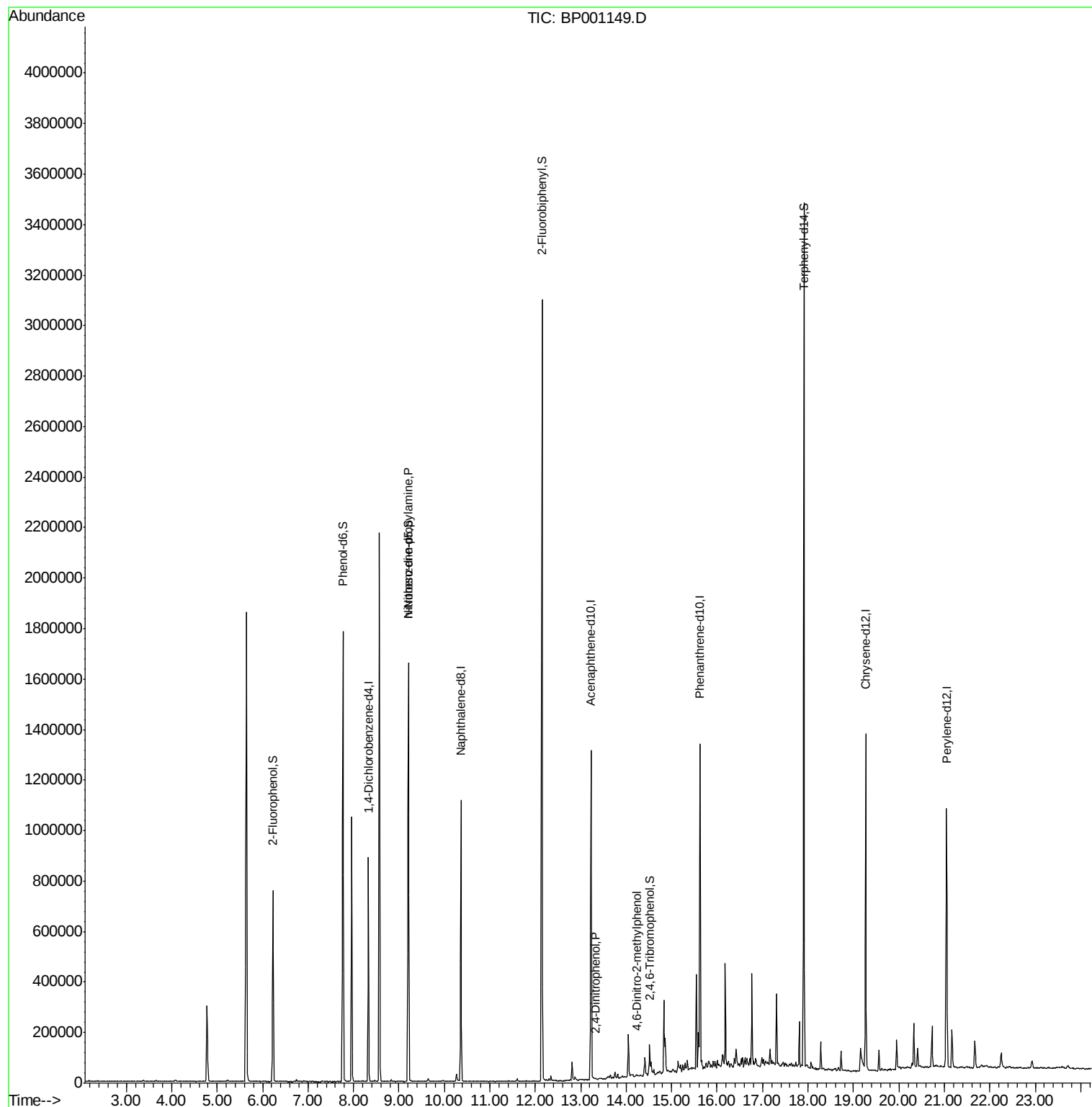
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	156771	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	584376	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	323143	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	599760	20.00	ng	0.00
76) Chrysene-d12	19.27	240	476497	20.00	ng	0.00
87) Perylene-d12	21.05	264	528276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	237654	25.15	ng	0.00
7) Phenol-d6	7.77	99	691173	54.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	716031	53.16	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	17687	5.71	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1215547	55.05	ng	0.00
79) Terphenyl-d14	17.91	244	1353460	52.55	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	213	Below Cal	Qvalue	# 53
19) n-Nitroso-di-n-propylamine	9.21	70	99067	10.906 ng	#	81
54) 2,4-Dinitrophenol	13.32	184	11	7.114 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.23	198	8	6.279 ng	#	1

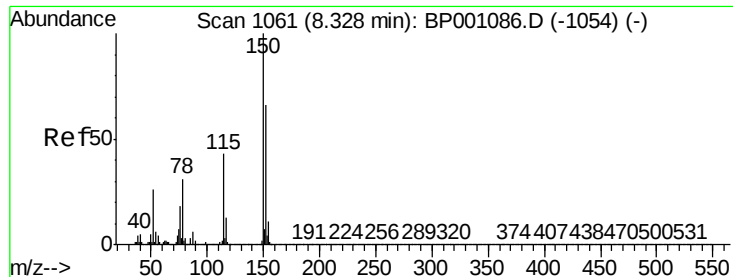
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001149.D
Acq On : 03 Dec 2019 04:29
Operator : JU
Sample : K6014-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 03 07:44:18 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

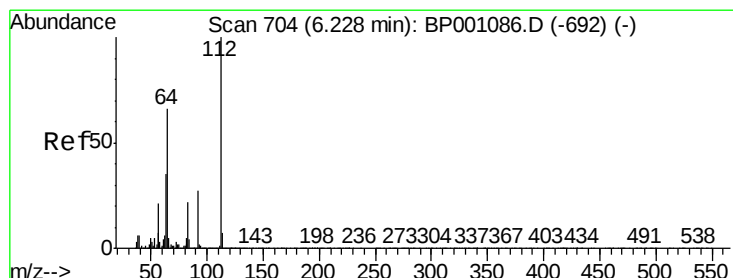
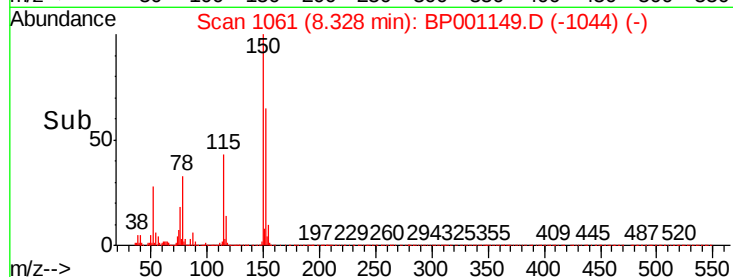
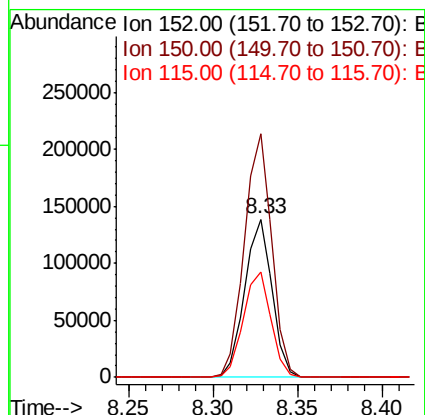
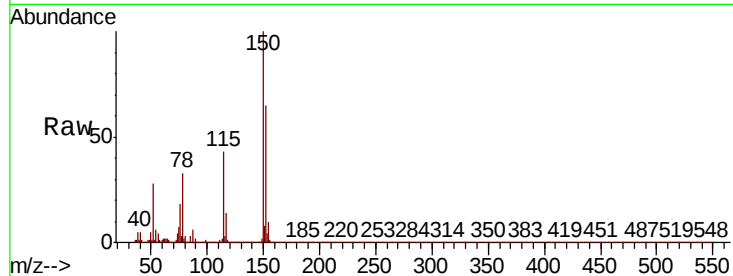




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

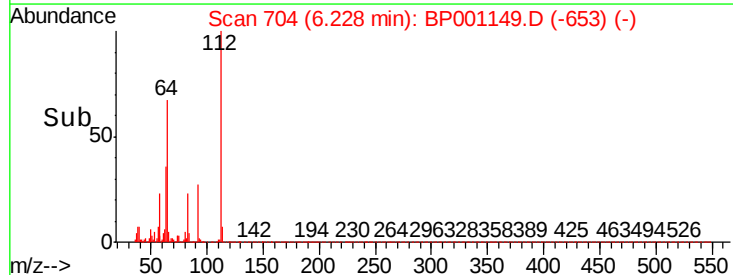
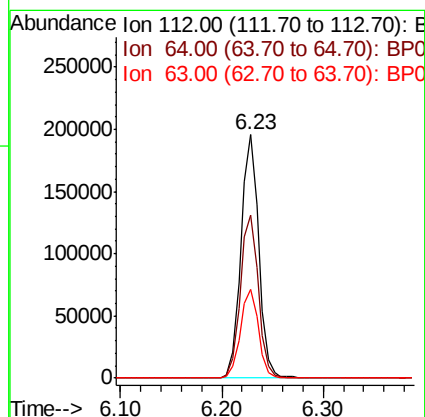
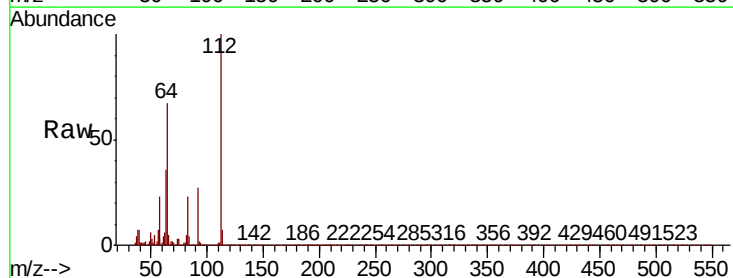
Instrument :
 BNA_P
 ClientSampleId :

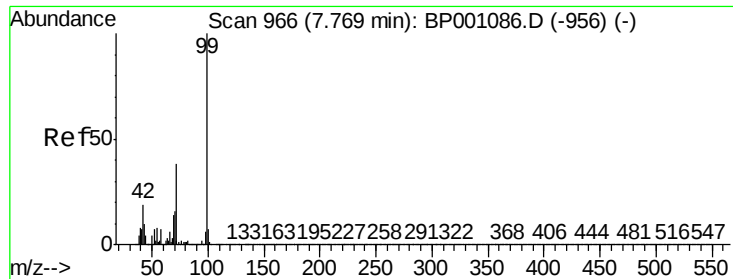
Tot Ion:152 Resp: 156771
 Ion Ratio Lower Upper
 152 100
 150 154.0 120.6 181.0
 115 66.2 51.6 77.4



#5
 2-Fluorophenol
 Concen: 25.151 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

Tgt Ion:112 Resp: 237654
 Ion Ratio Lower Upper
 112 100
 64 67.1 52.8 79.2
 63 36.3 28.2 42.2





#7

Phenol-d6

Concen: 54.904 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

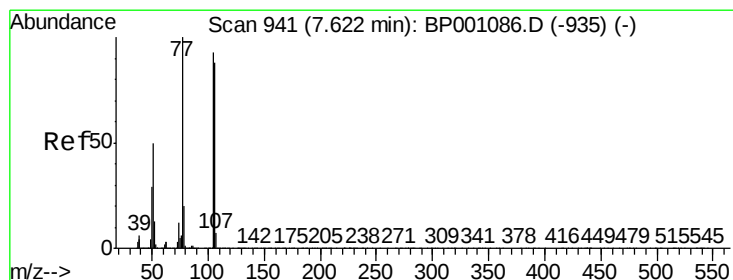
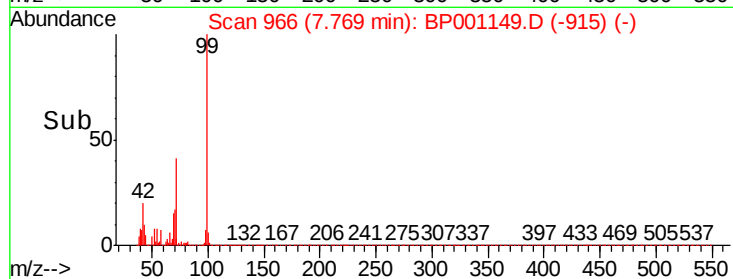
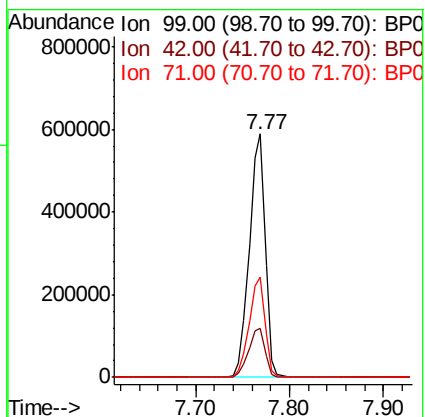
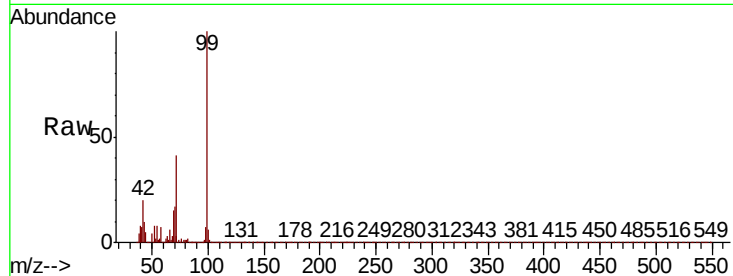
Tot Ion: 99 Resp: 691173

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

71 41.4 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

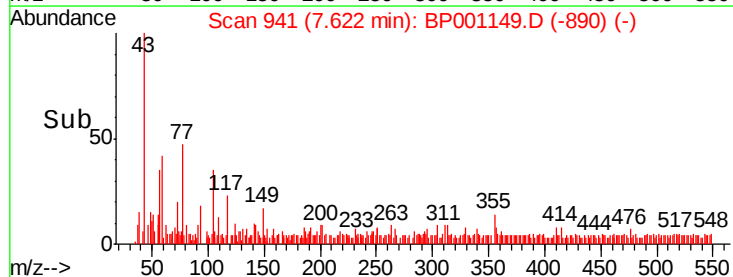
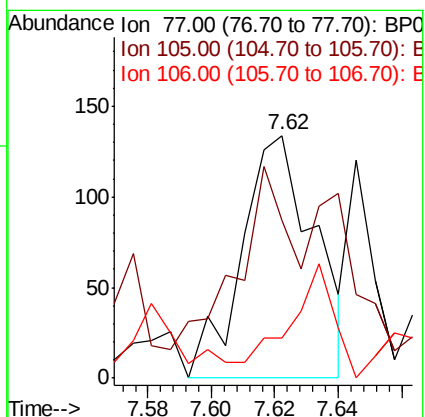
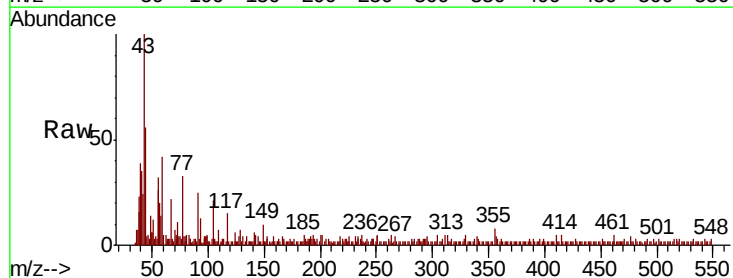
Tgt Ion: 77 Resp: 213

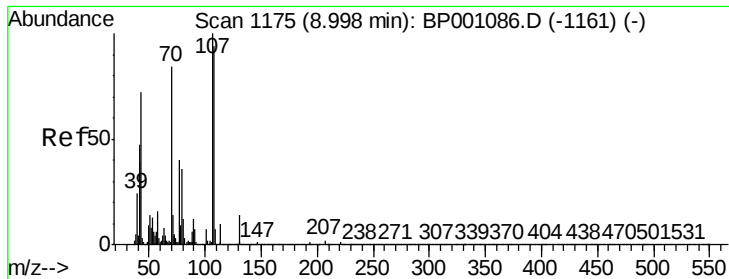
Ion Ratio Lower Upper

77 100

105 75.4 72.5 112.5

106 16.4 67.6 107.6#

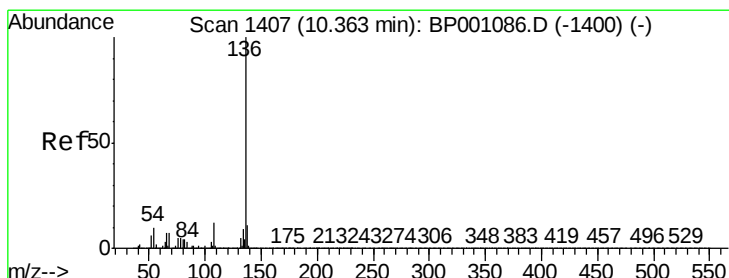
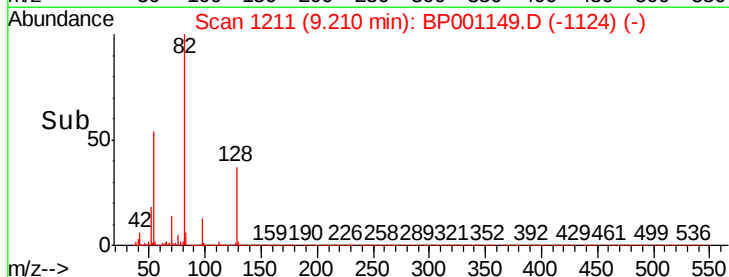
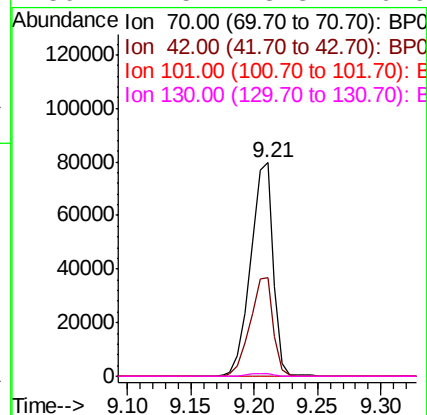
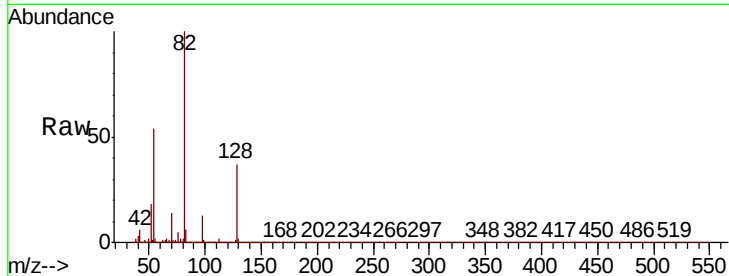




#19
n-Nitroso-di-n-propylamine
Concen: 10.906 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

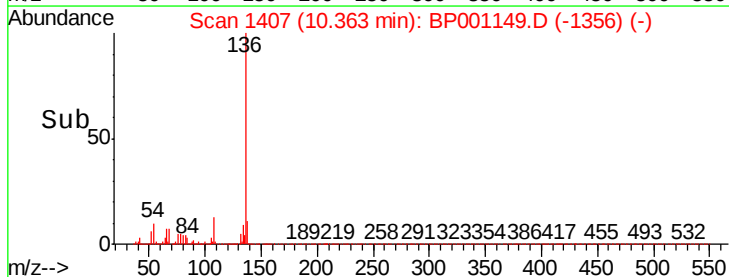
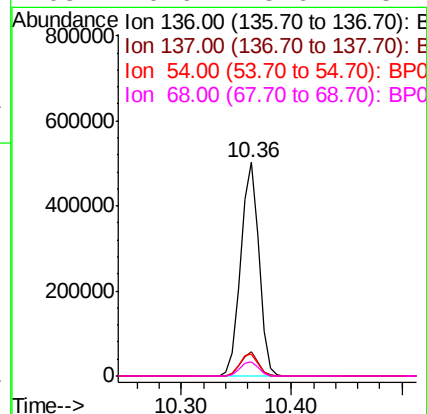
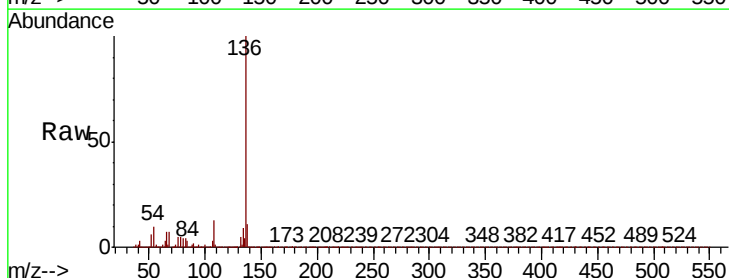
Instrument :
BNA_P
ClientSampleId :

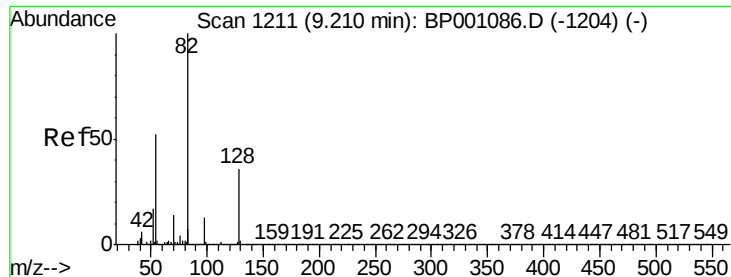
Tot Ion: 70 Resp: 99067
Ion Ratio Lower Upper
70 100
42 45.9 44.6 66.8
101 0.0 7.1 10.7#
130 1.5 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

Tgt Ion: 136 Resp: 584376
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.9 7.9 11.9
68 6.6 5.6 8.4

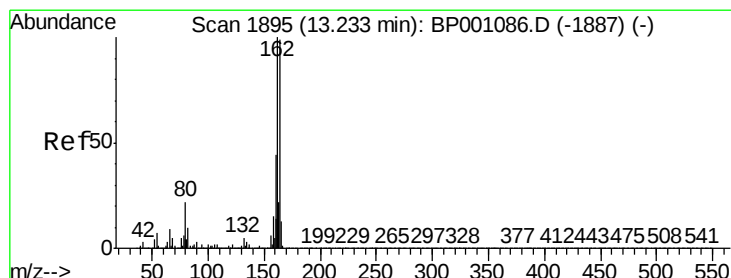
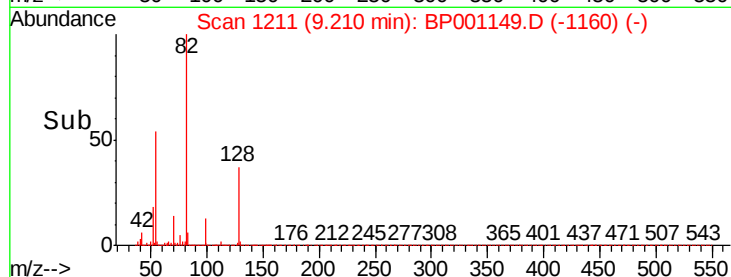
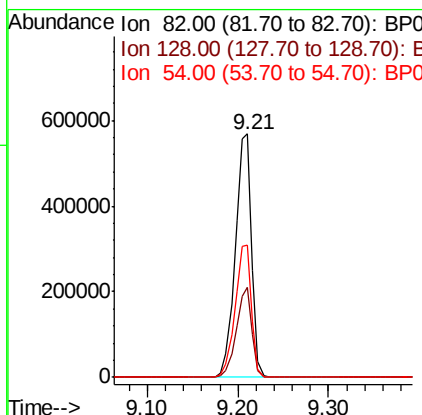
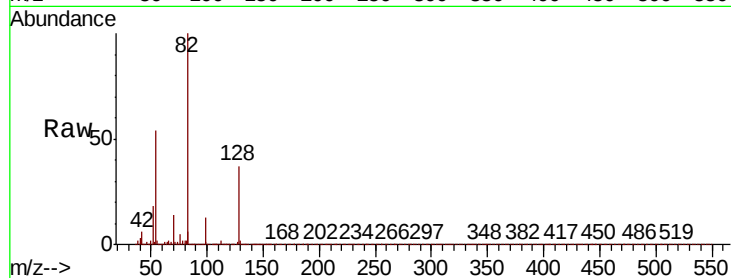




#23
 Nitrobenzene-d5
 Concen: 53.160 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

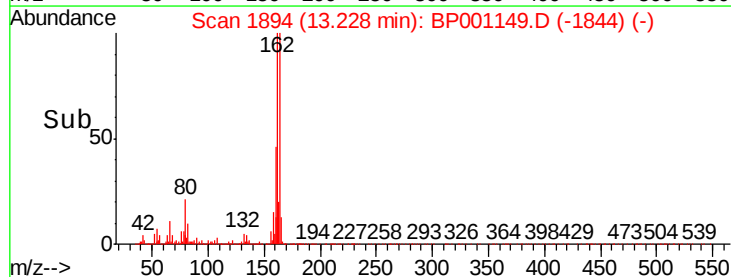
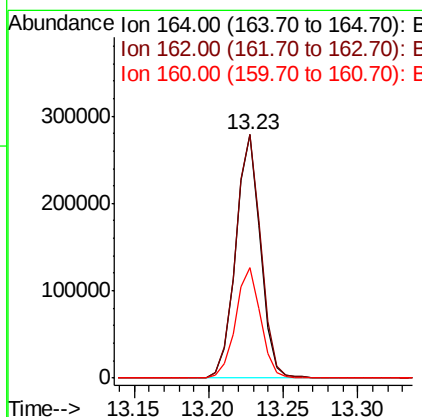
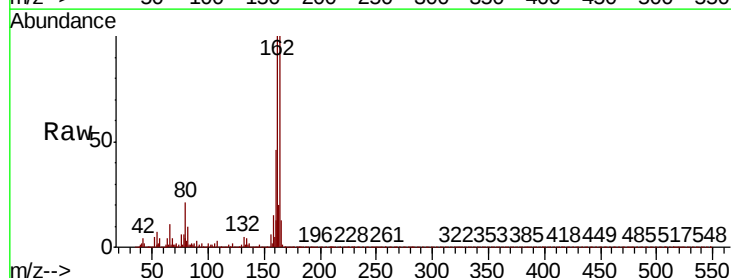
Instrument :
 BNA_P
 ClientSampleId :

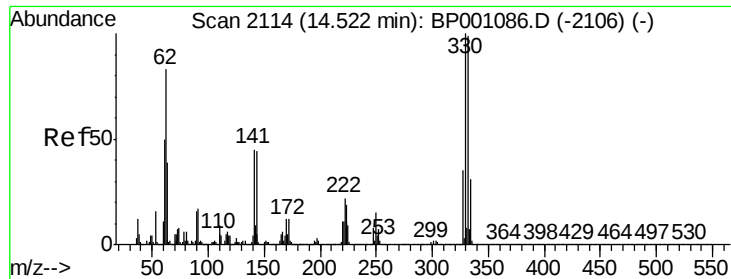
Tot Ion	82	Resp	716031
Ion Ratio	Lower	Upper	
82	100		
128	37.0	28.9	43.3
54	54.4	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

Tgt Ion	164	Resp	323143
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.6	120.8
160	45.7	35.4	53.2

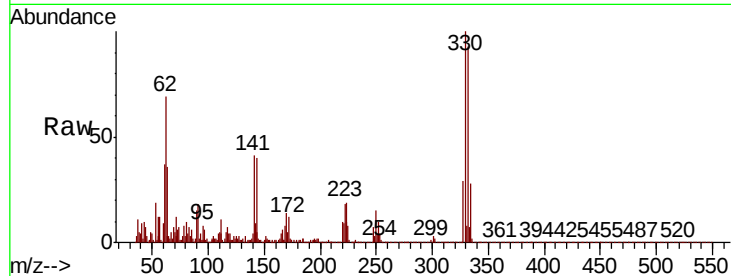




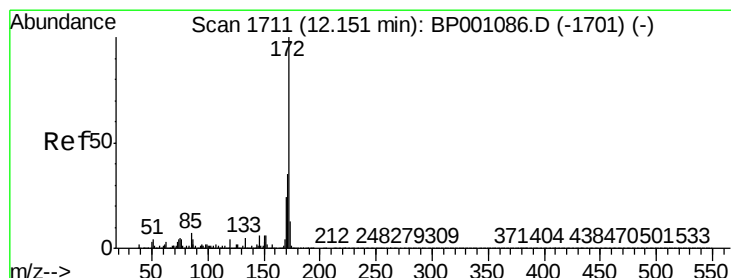
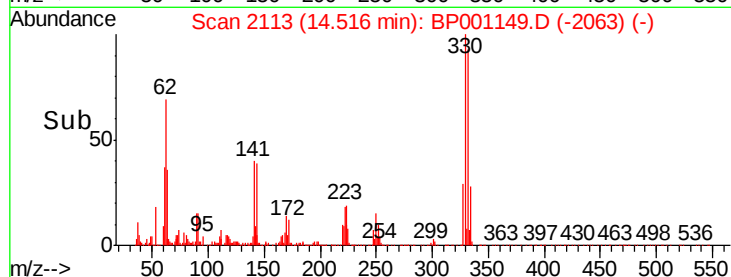
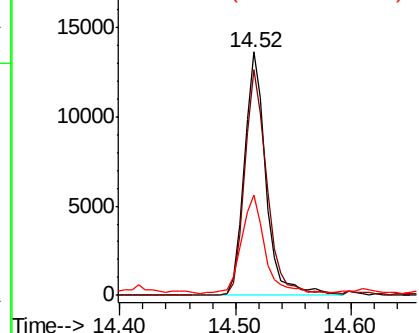
#42
2,4,6-Tribromophenol
Concen: 5.710 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 17687
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 45.2 34.2 51.2

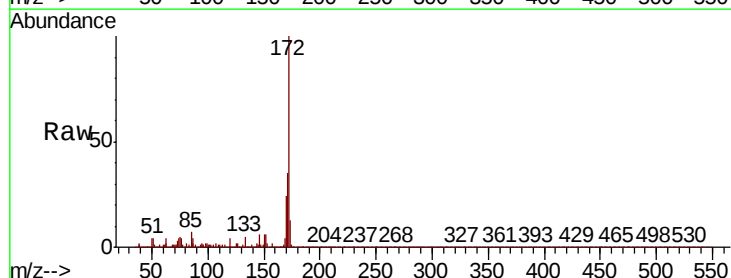


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

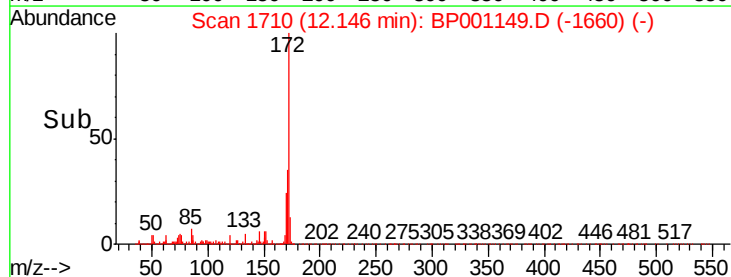
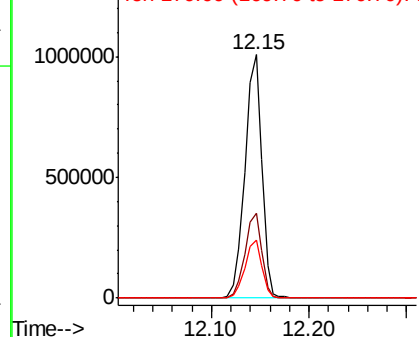


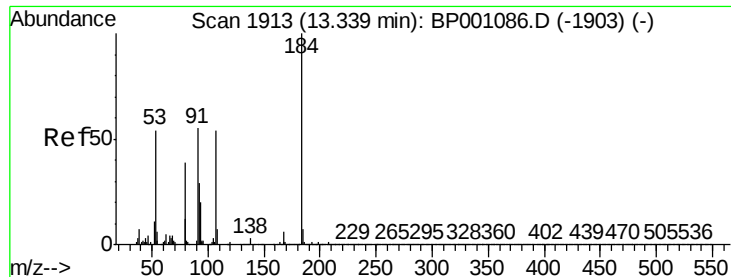
#45
2-Fluorobiphenyl
Concen: 55.054 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001149.D
Acq: 03 Dec 2019 04:29

Tgt Ion:172 Resp: 1215547
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.0 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

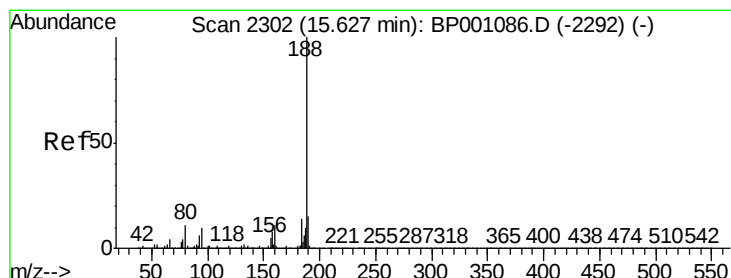
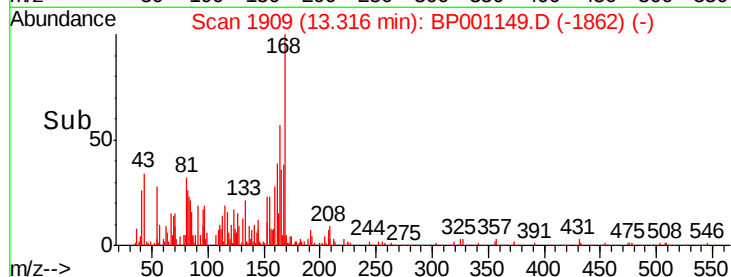
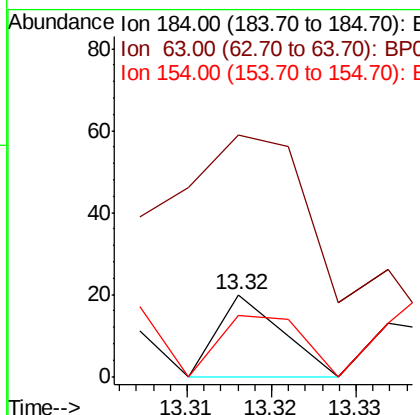
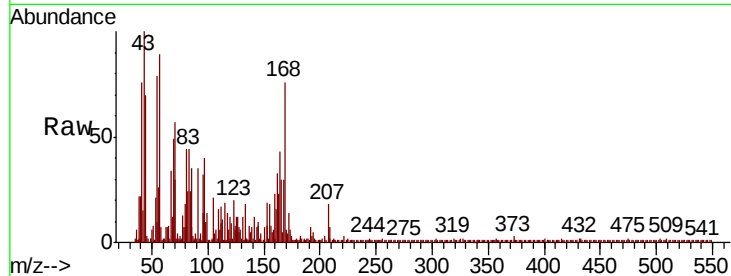




#54
 2,4-Dinitrophenol
 Concen: 7.114 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

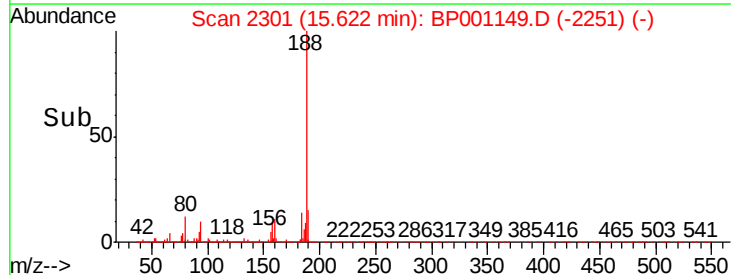
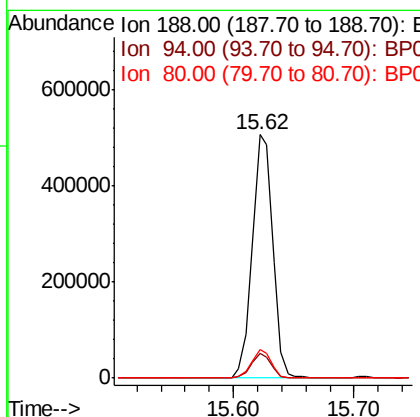
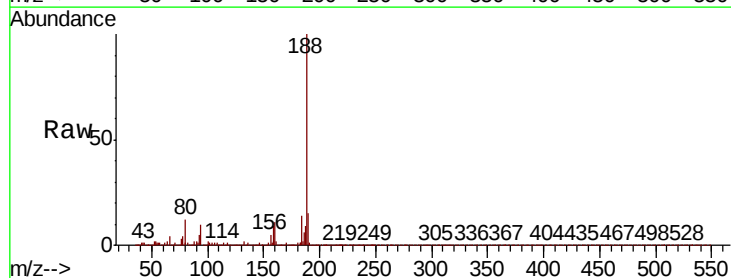
Instrument :
 BNA_P
 ClientSampleId :

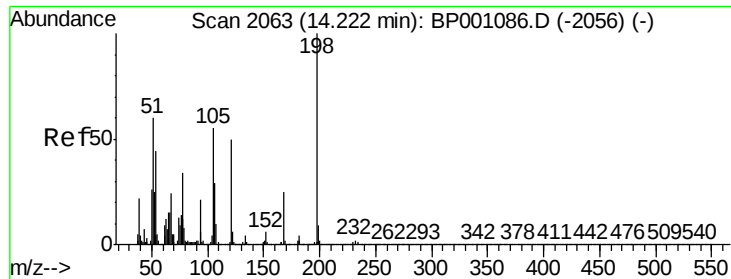
Tot Ion:184 Resp: 11
 Ion Ratio Lower Upper
 184 100
 63 295.0 60.7 91.1#
 154 75.0 56.2 84.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

Tgt Ion:188 Resp: 599760
 Ion Ratio Lower Upper
 188 100
 94 10.2 7.9 11.9
 80 11.5 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.279 ng

RT: 14.23 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BP001149.D

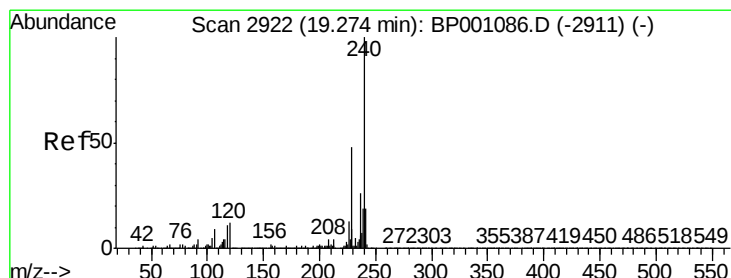
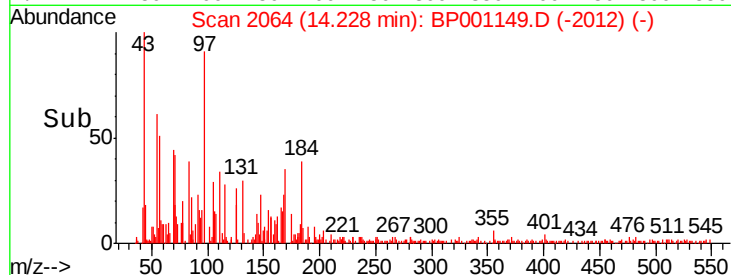
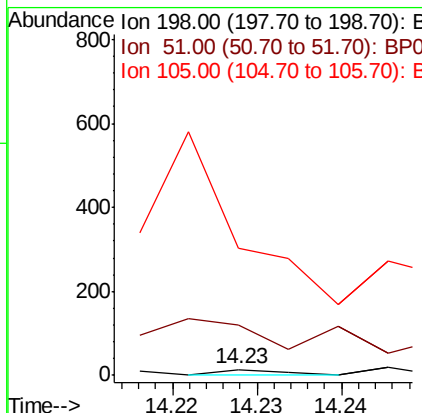
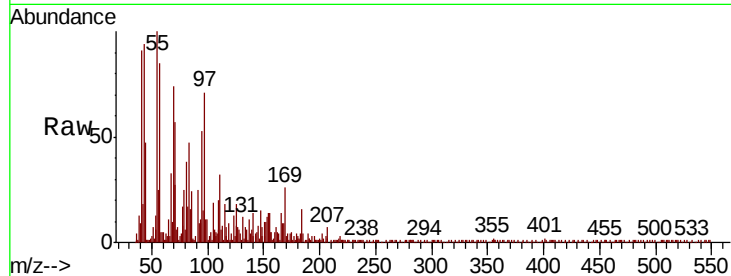
Acq: 03 Dec 2019 04:29

Instrument :

BNA_P

ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
198	100			
51	857.1	40.5	80.5#	
105	2171.4	35.7	75.7#	



#76

Chrysene-d12

Concen: 20.000 ng

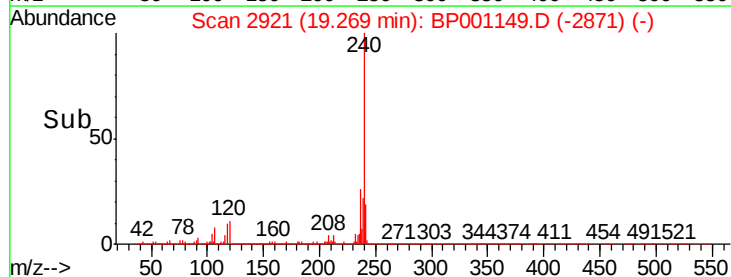
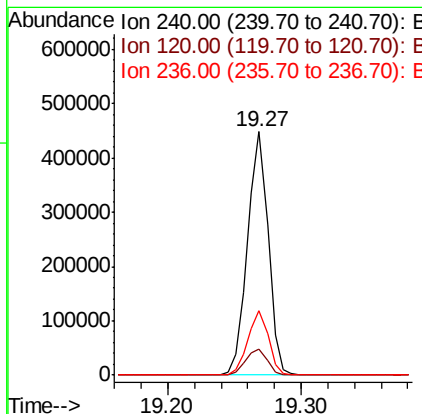
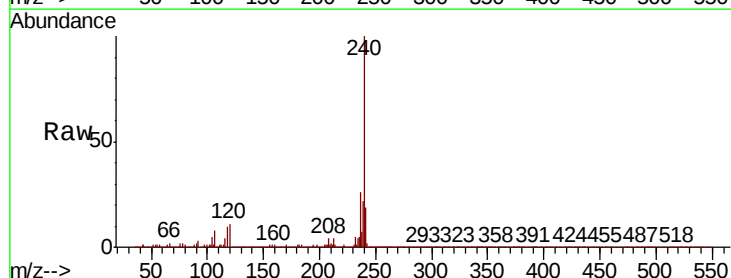
RT: 19.27 min Scan# 2921

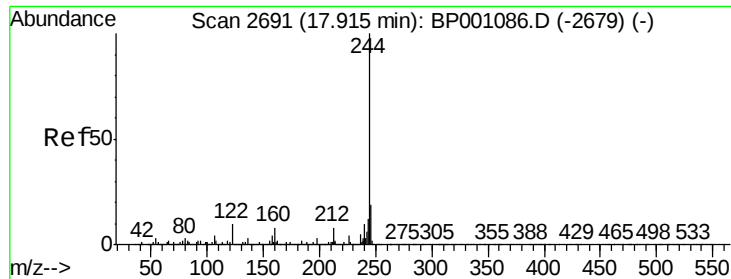
Delta R.T. -0.01 min

Lab File: BP001149.D

Acq: 03 Dec 2019 04:29

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	10.5	9.5	14.3	
236	26.5	20.4	30.6	

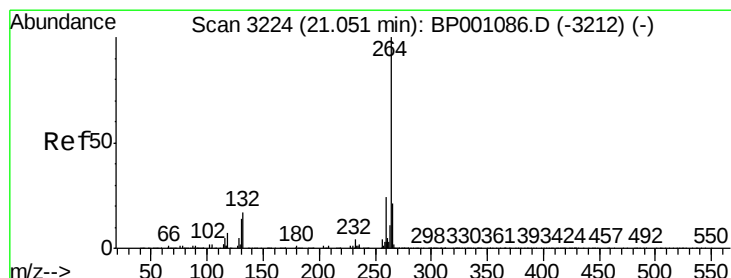
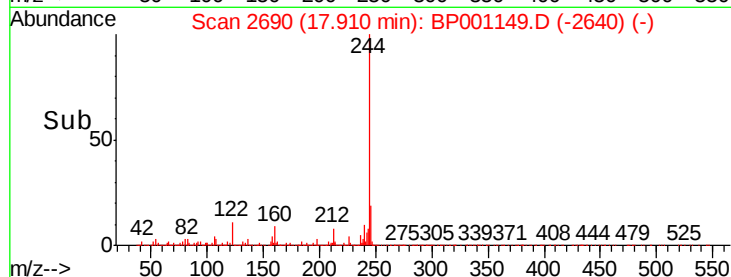
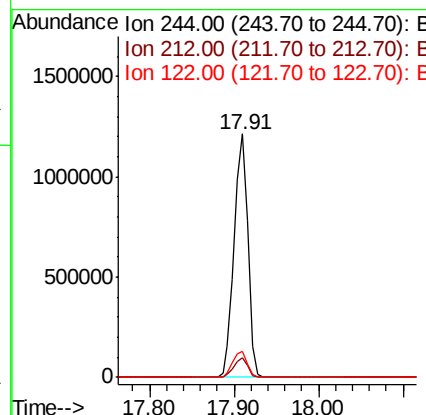
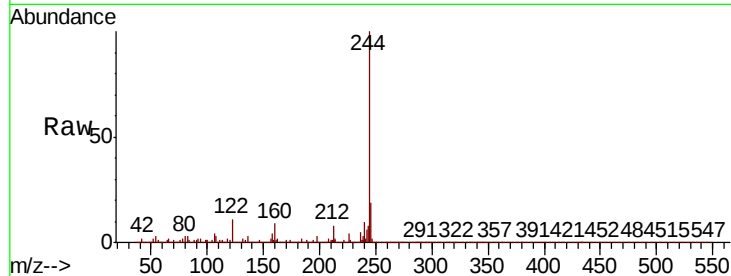




#79
 Terphenyl-d14
 Concen: 52.551 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001149.D
 Acq: 03 Dec 2019 04:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1353460
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.8 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: BP001149.D
 Acq: 03 Dec 2019 04:29

Tgt Ion:264 Resp: 528276
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 22.0 16.9 25.3

