

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003174.D
 Acq On : 01 Sep 2020 19:15
 Operator : CG/JU
 Sample : L3851-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11998

Quant Time: Sep 02 00:50:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

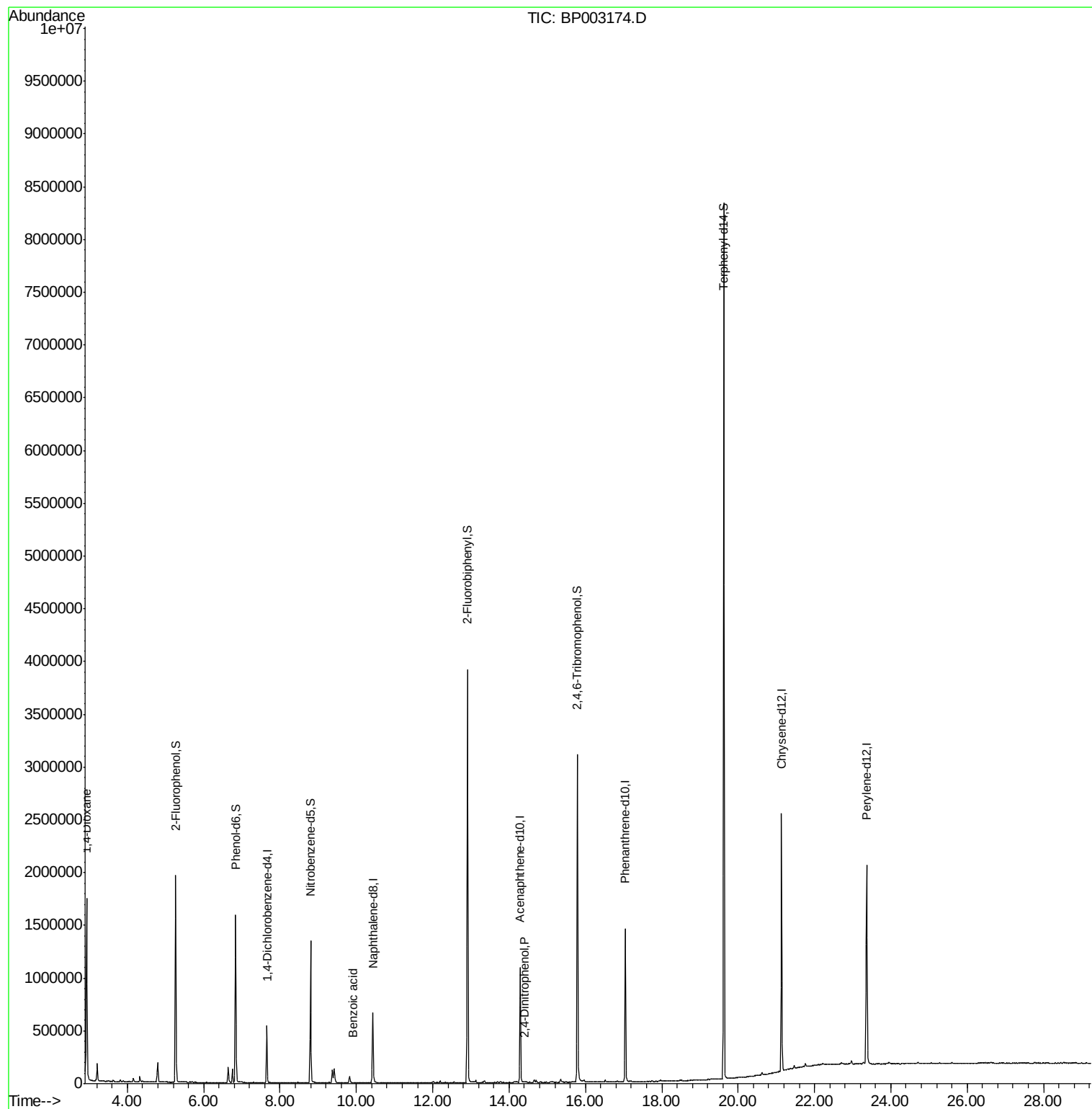
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	164310	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	648310	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	396957	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	899977	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1127394	20.00	ng	0.00
86) Perylene-d12	23.37	264	1364881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1029626	110.79	ng	0.00
7) Phenol-d6	6.83	99	1102164	94.61	ng	0.00
23) Nitrobenzene-d5	8.80	82	776434	86.34	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	704157	131.16	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2225032	82.09	ng	0.00
79) Terphenyl-d14	19.62	244	3801128	74.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	17415	4.902	ng	Qvalue # 1
32) Benzoic acid	9.92	122	70	9.006	ng	89
54) 2,4-Dinitrophenol	14.39	184	23	7.761	ng	98

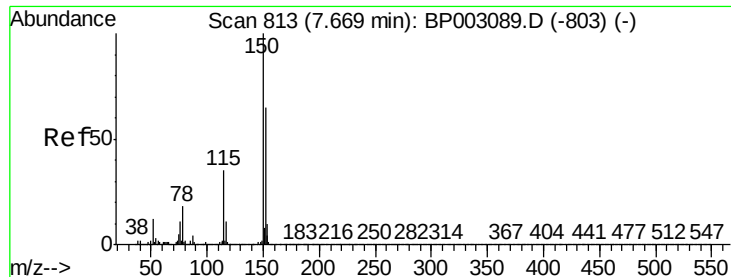
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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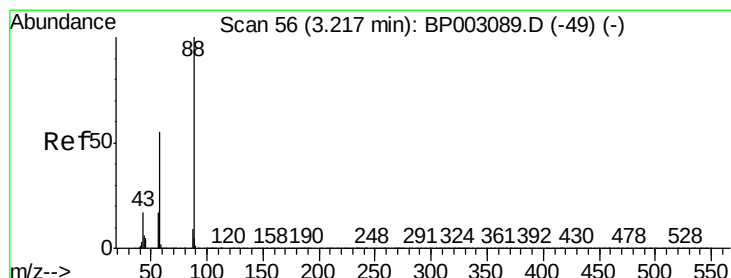
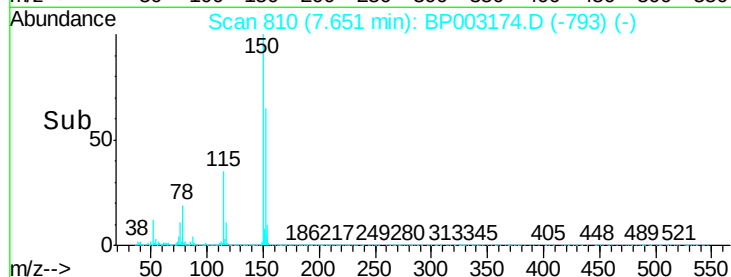
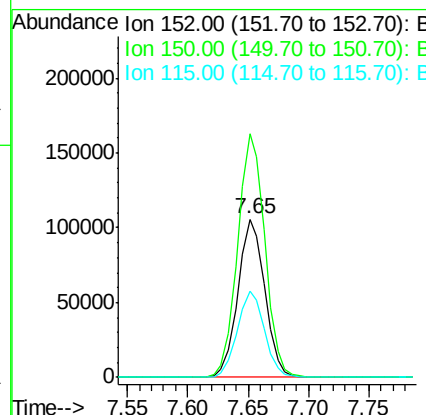
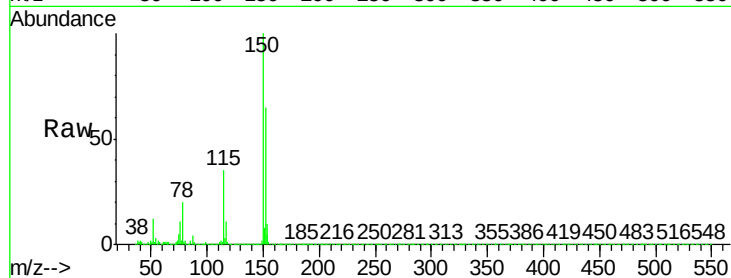


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Instrument :
BNA_P
ClientSampleId :
11998

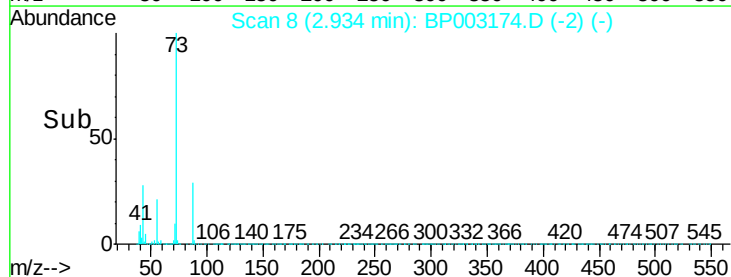
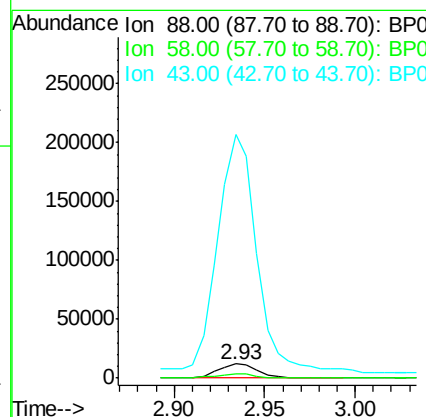
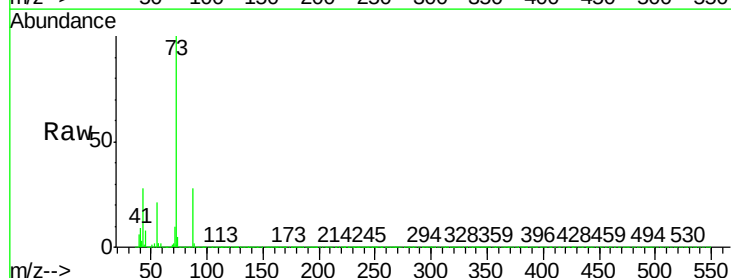
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	54.7	43.8	65.6

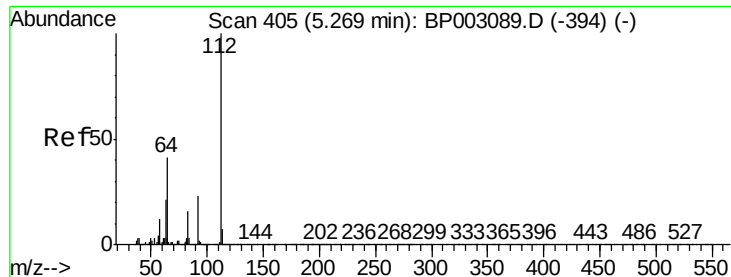


#2

1,4-Dioxane
Concen: 4.902 ng
RT: 2.93 min Scan# 8
Delta R.T. -0.27 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	25.3	44.2	66.4#
43	1754.0	15.2	22.8#





#5

2-Fluorophenol

Concen: 110.791 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

Instrument :

BNA_P

ClientSampleId :

11998

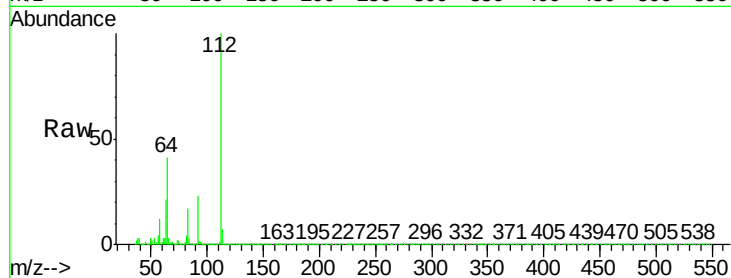
Tot Ion:112 Resp: 1029626

Ion Ratio Lower Upper

112 100

64 41.2 32.8 49.2

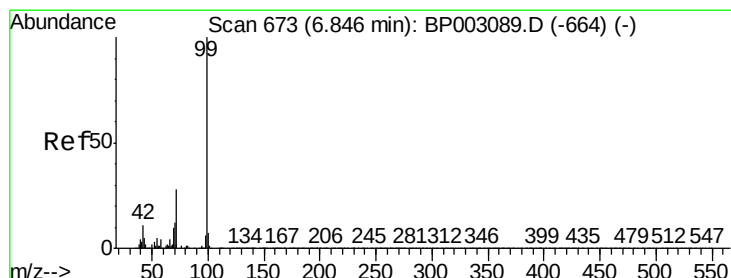
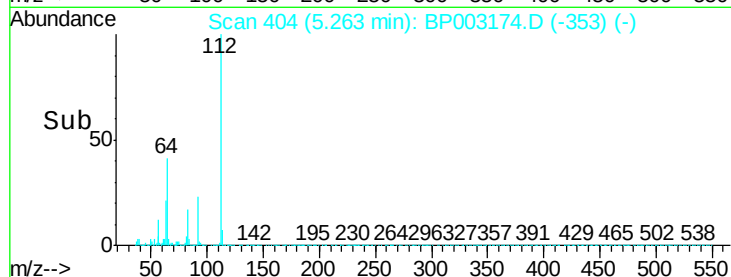
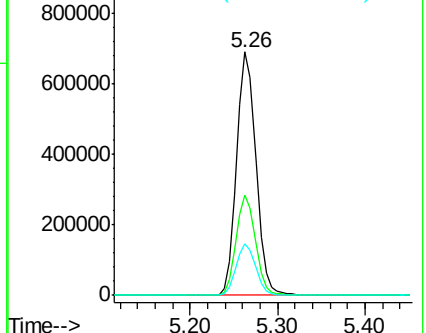
63 21.4 17.0 25.4



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: 94.607 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003174.D

Acq: 01 Sep 2020 19:15

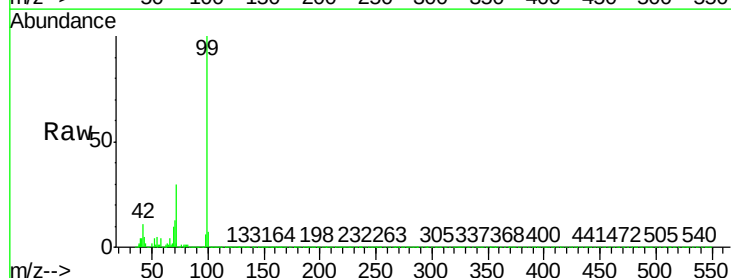
Tgt Ion: 99 Resp: 1102164

Ion Ratio Lower Upper

99 100

42 11.2 8.6 13.0

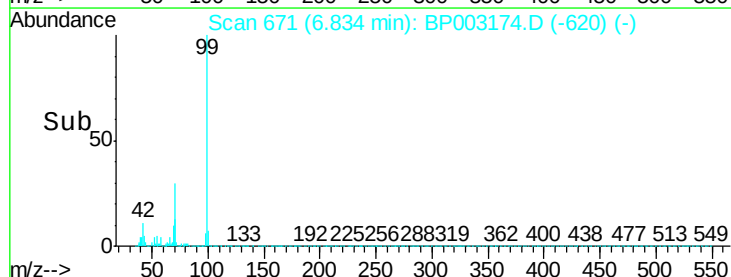
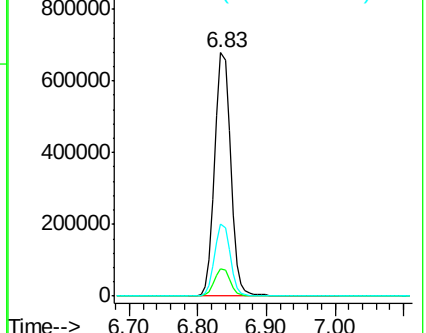
71 29.7 23.4 35.2

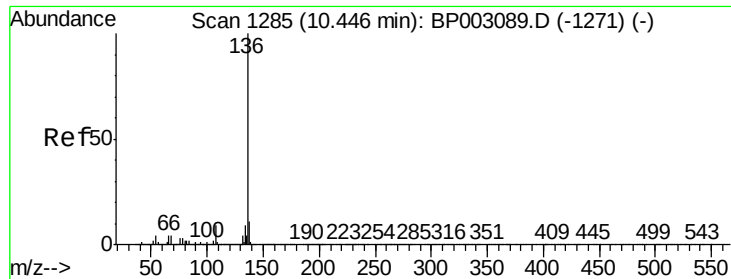


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

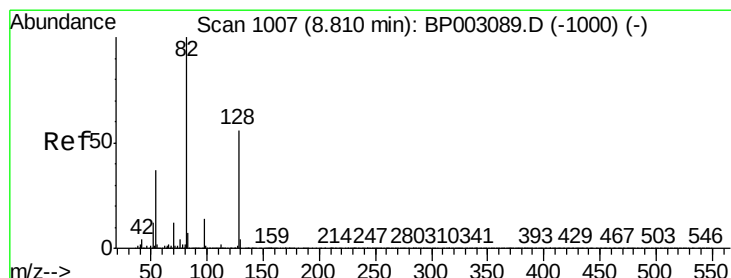
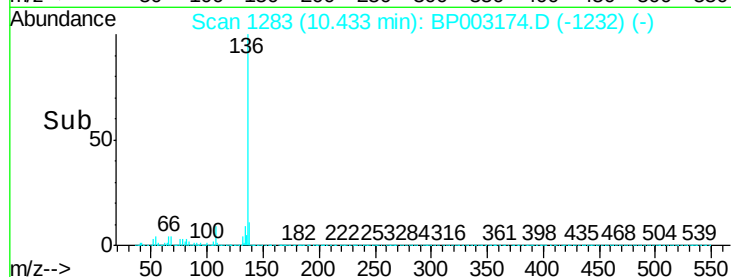
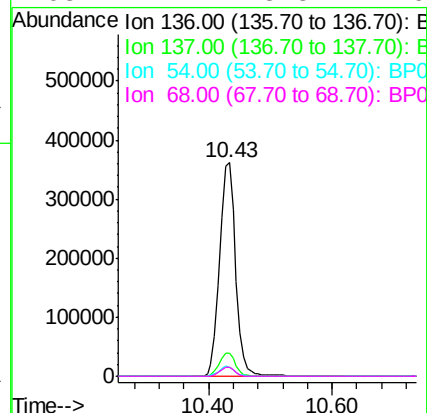
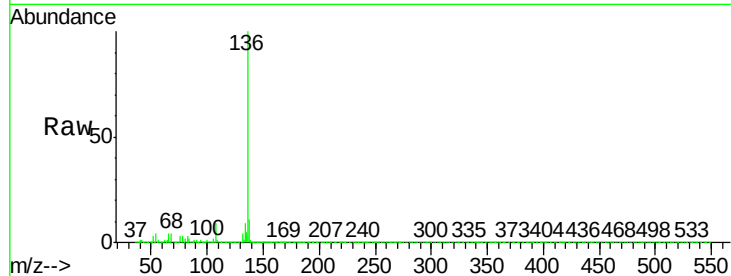




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

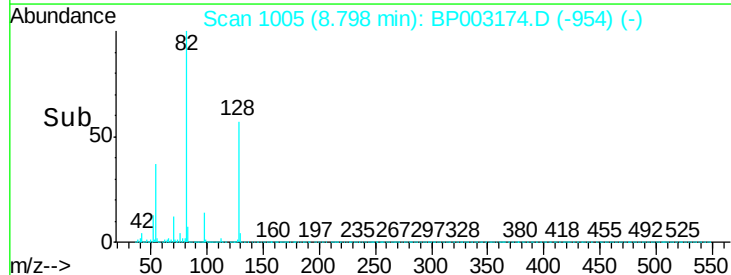
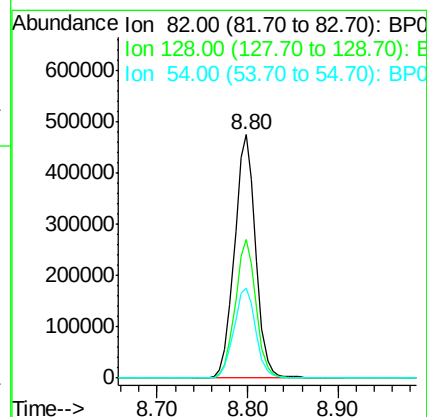
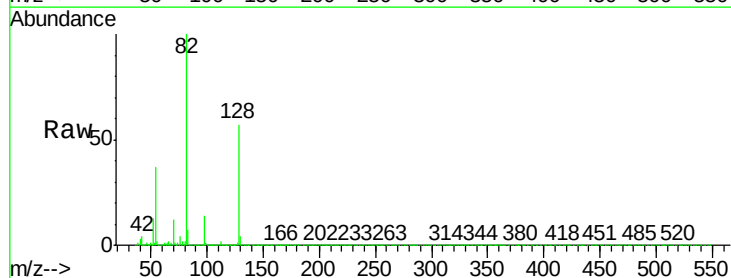
Instrument :
BNA_P
ClientSampleId :
11998

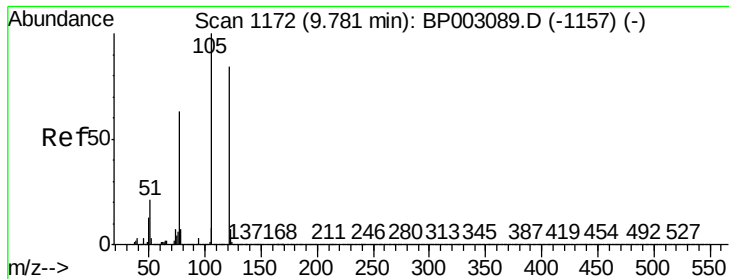
Tot Ion:136	Resp: 648310
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 4.3	3.6 5.4
68 4.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 86.338 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion	82	Resp: Lower	776434 Upper
	Ratio 100		
128	57.0	45.6	68.4
54	36.9	30.1	45.1

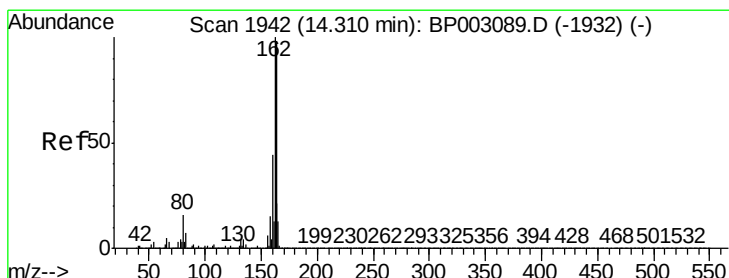
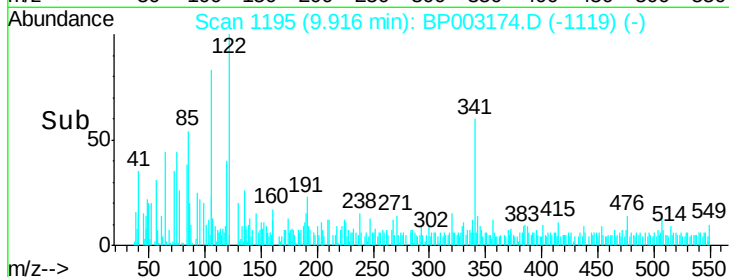
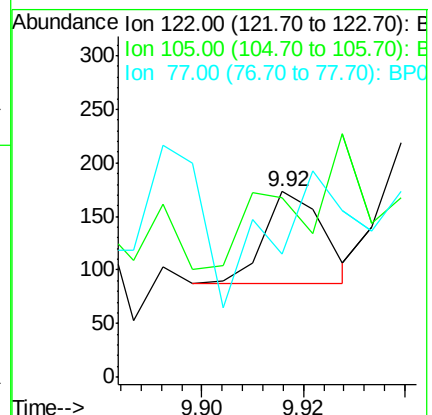
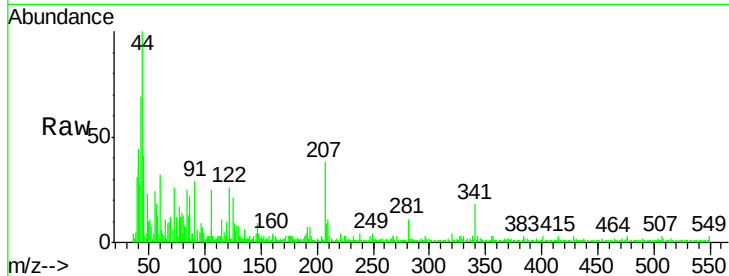




#32
Benzoic acid
Concen: 9.006 ng
RT: 9.92 min Scan# 1195
Delta R.T. 0.15 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

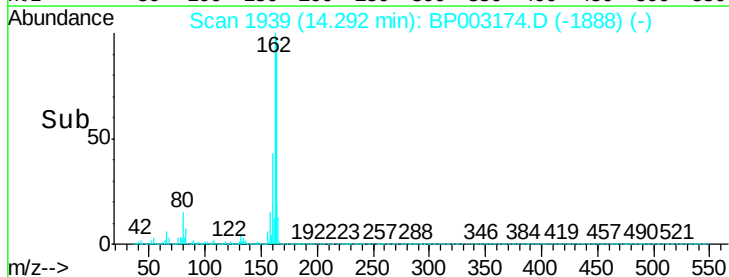
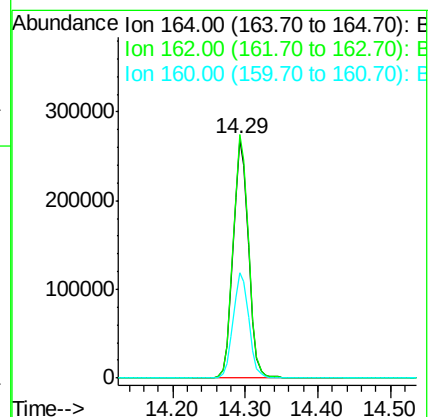
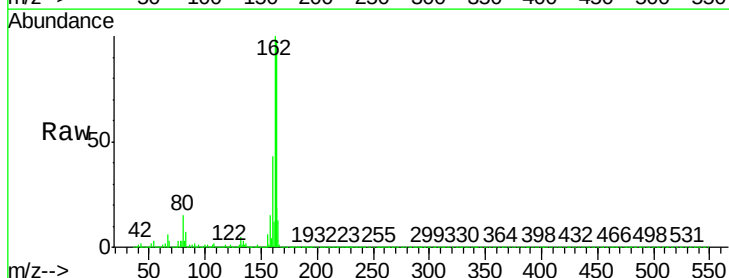
Instrument :
BNA_P
ClientSampleId :
11998

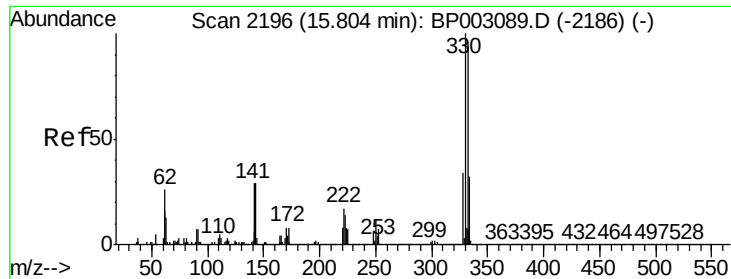
Tot Ion	Ratio	Lower	Upper
122	100		
105	97.1	94.1	134.1
77	66.5	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	43.9	36.1	54.1

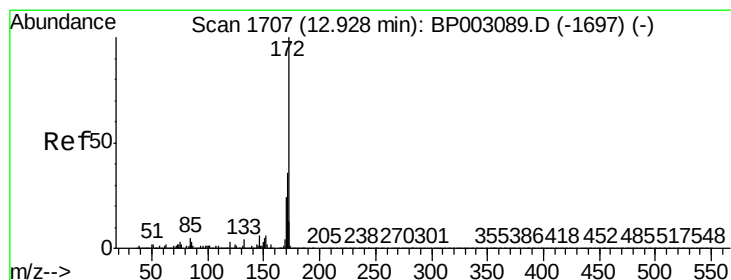
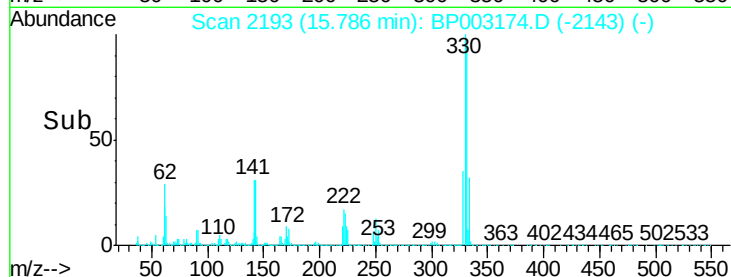
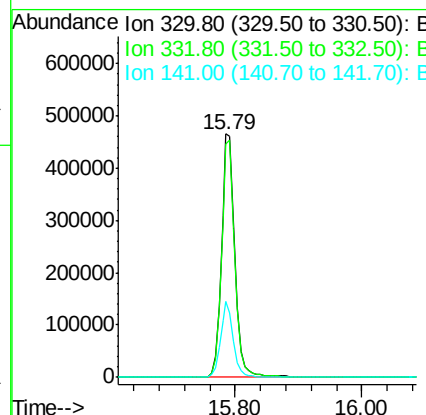
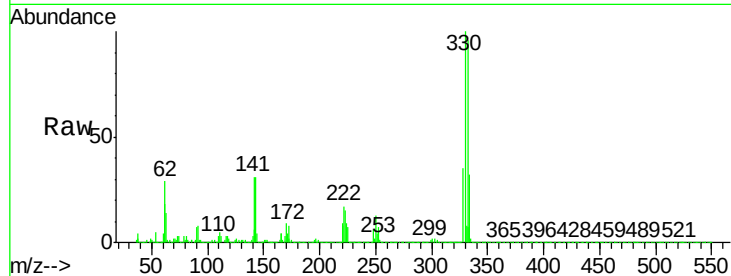




#42
2,4,6-Tribromophenol
Concen: 131.159 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

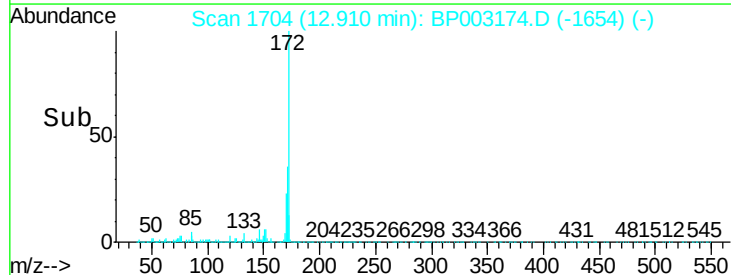
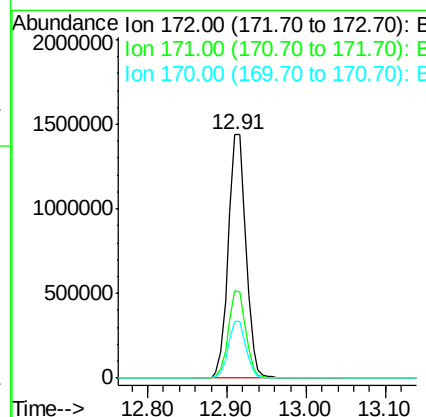
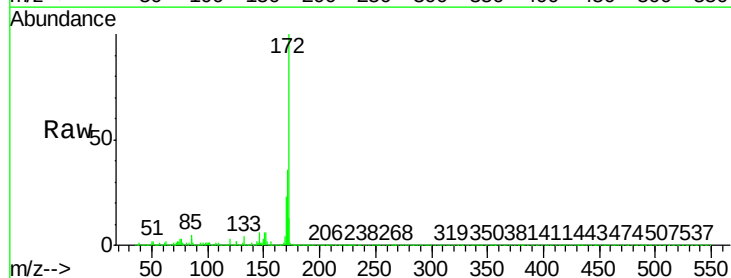
Instrument :
BNA_P
ClientSampleId :
11998

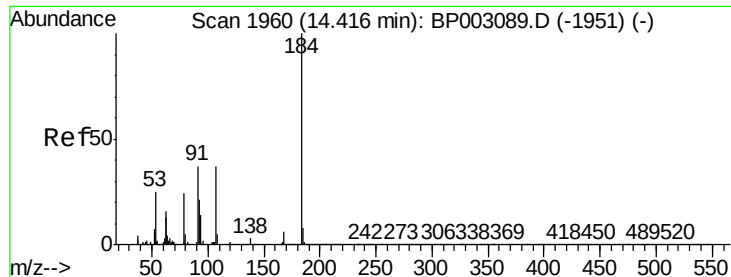
Tot Ion:330 Resp: 704157
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 82.086 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion:172 Resp: 2225032
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.2 28.8

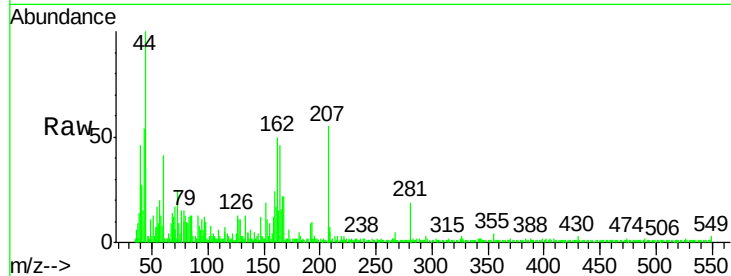




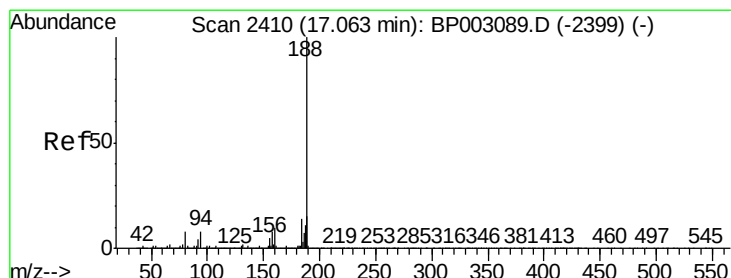
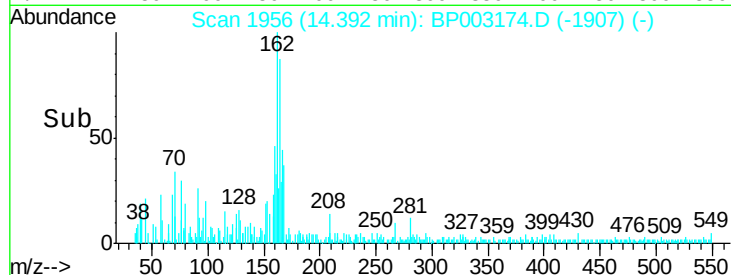
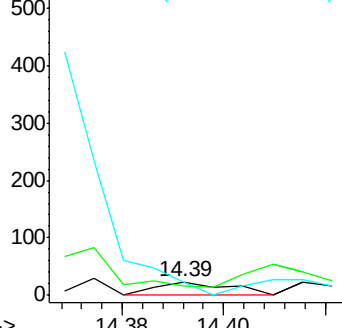
#54
2,4-Dinitrophenol
Concen: 7.761 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Instrument :
BNA_P
ClientSampleId :
11998

Tot Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 41.0 32.3 48.5
154 59.0 49.1 73.7

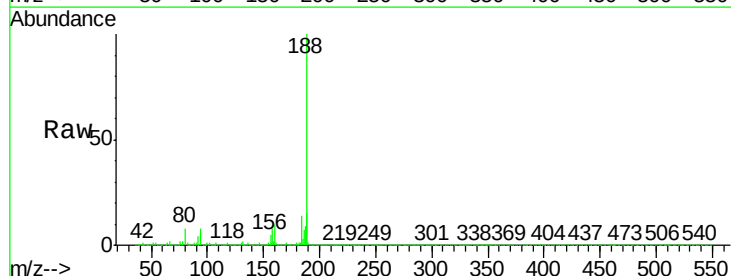


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

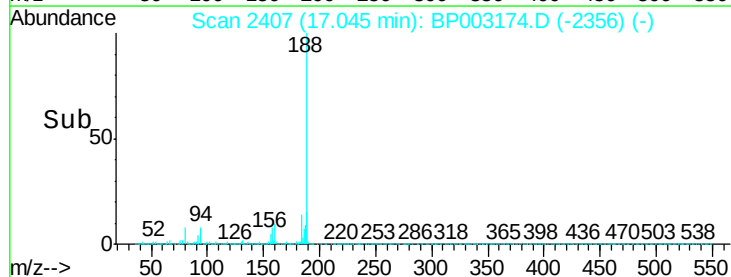
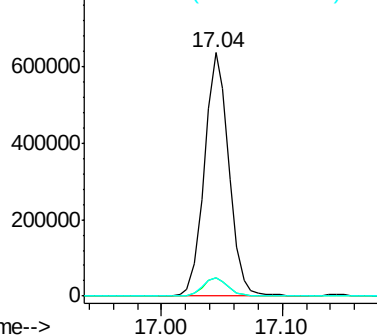


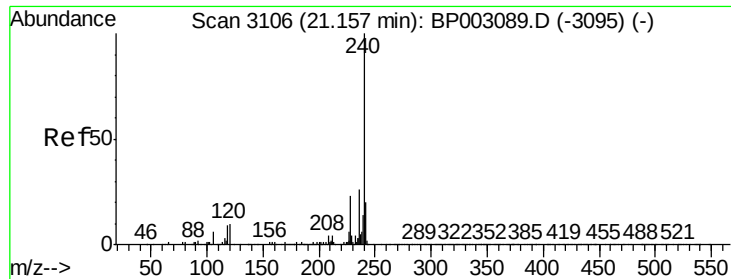
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Tgt Ion:188 Resp: 899977
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.6 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

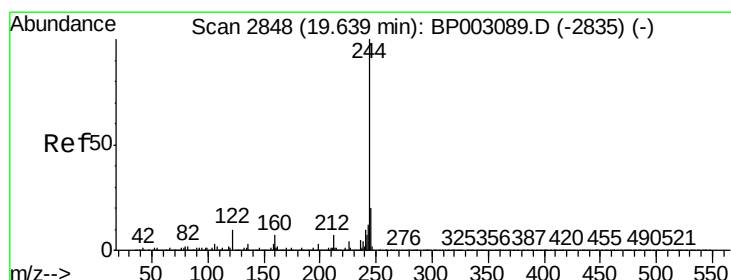
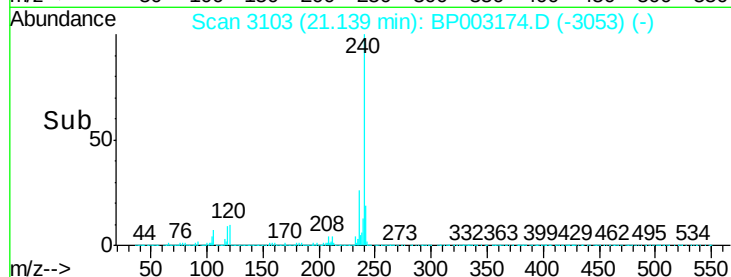
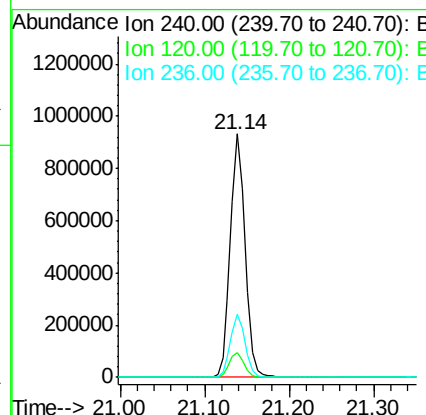
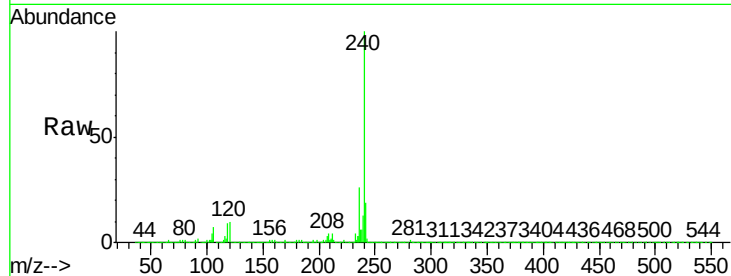




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BP003174.D
 Acq: 01 Sep 2020 19:15

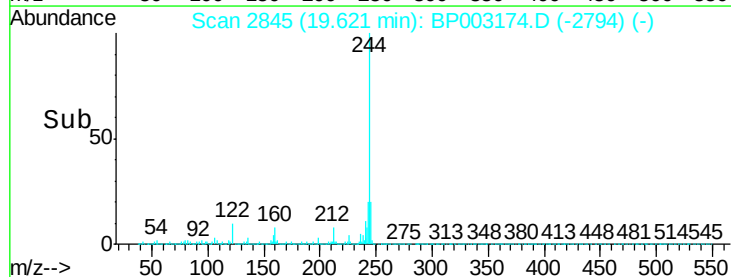
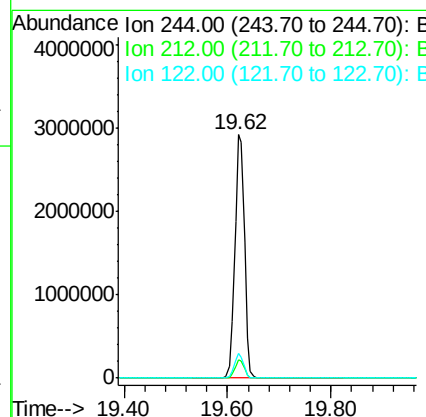
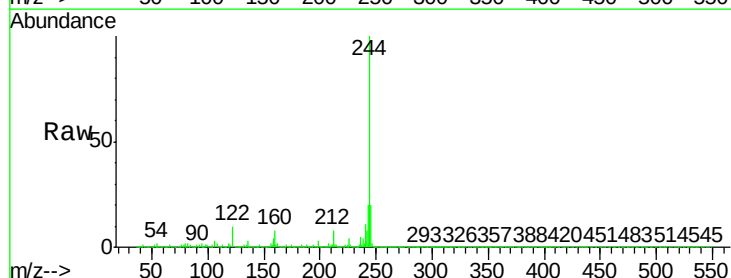
Instrument :
 BNA_P
 ClientSampleId :
 11998

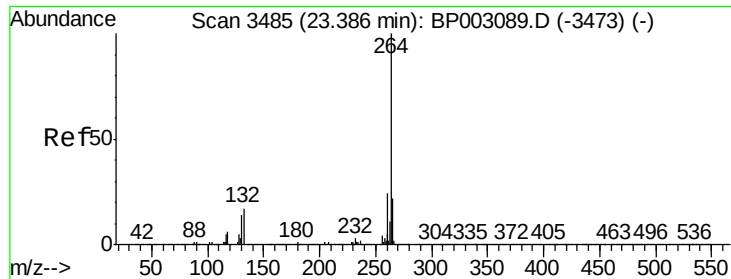
Tot Ion:240 Resp: 1127394
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.8 11.6
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 74.190 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003174.D
 Acq: 01 Sep 2020 19:15

Tgt Ion:244 Resp: 3801128
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.1 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003174.D
Acq: 01 Sep 2020 19:15

Instrument :
BNA_P
ClientSampleId :
11998

Tot Ion:264 Resp: 1364881

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.8	17.4	26.2

