

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003142.D
 Acq On : 27 Aug 2020 20:56
 Operator : CG/JU
 Sample : L3818-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AC-2

Quant Time: Aug 28 00:51:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

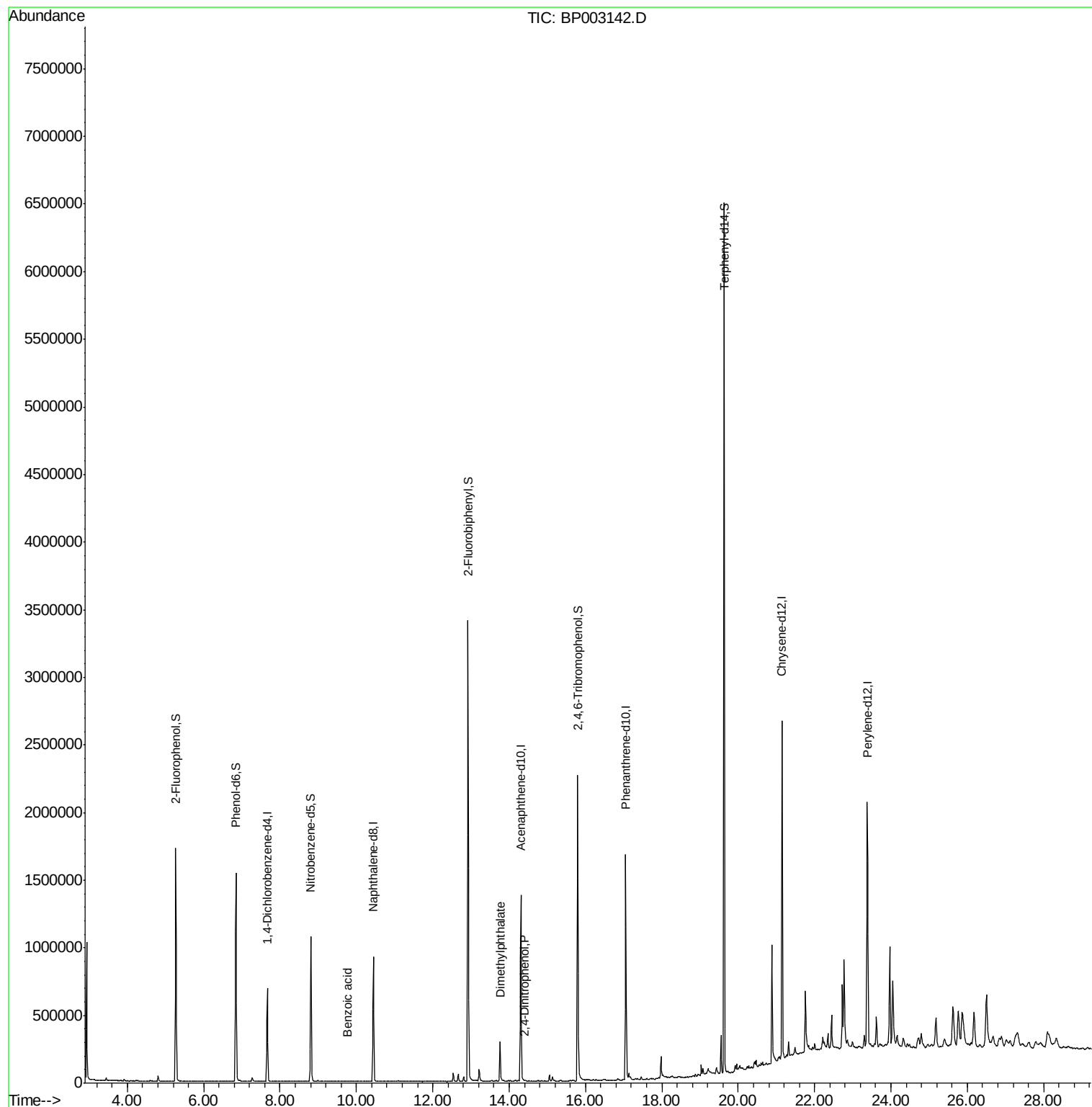
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	213781	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	851986	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	516245	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1104759	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1204969	20.00	ng	-0.01
86) Perylene-d12	23.39	264	1338986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	901691	74.57	ng	0.00
7) Phenol-d6	6.85	99	1084677	71.56	ng	0.00
23) Nitrobenzene-d5	8.80	82	633294	53.59	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	545017	78.06	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1919768	54.46	ng	0.00
79) Terphenyl-d14	19.63	244	2833479	51.74	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	542	9.052	ng	# 65
50) Dimethylphthalate	13.76	163	239120	6.074	ng	100
54) 2,4-Dinitrophenol	14.41	184	26	7.760	ng	# 1

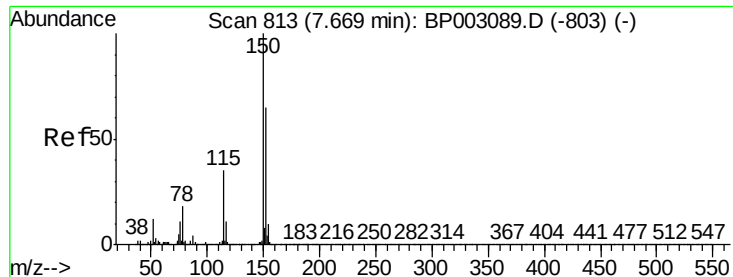
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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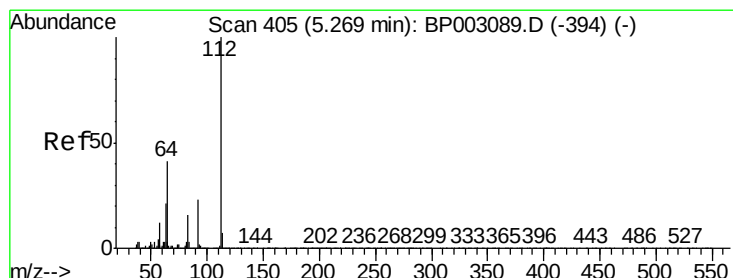
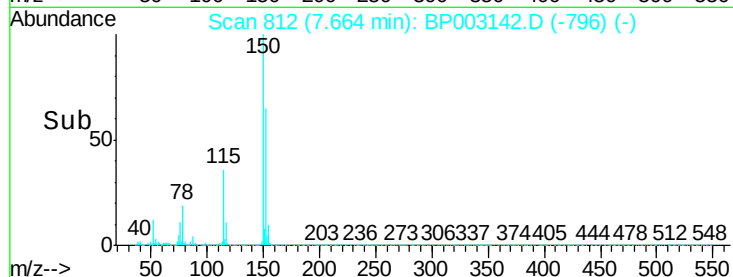
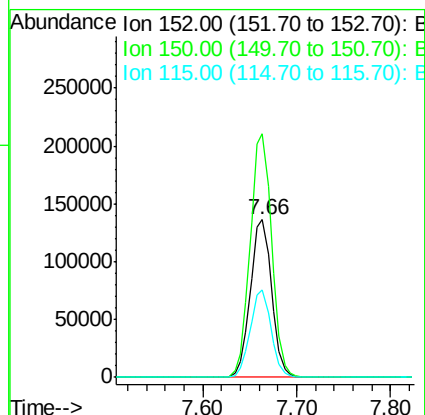
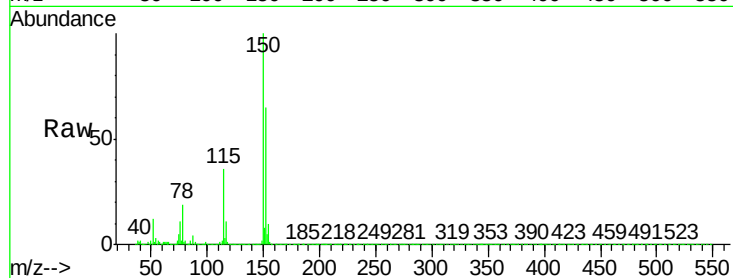


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Instrument :
BNA_P
ClientSampleId :
AC-2

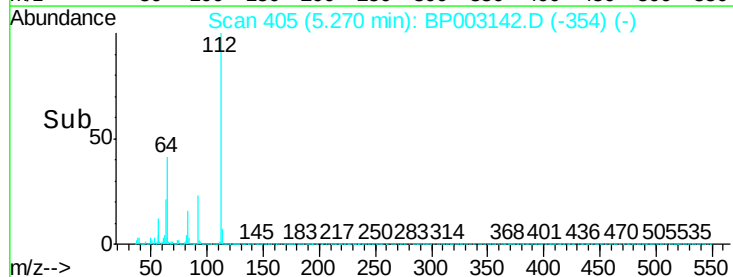
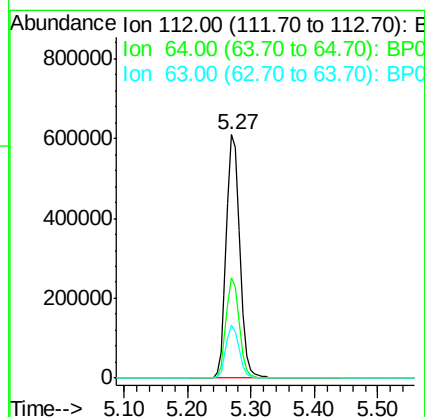
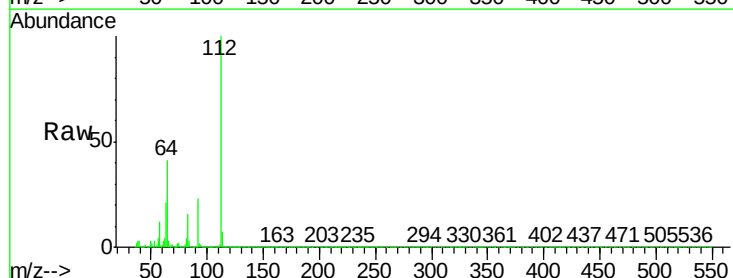
Tot Ion	152	Resp	213781
Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.1	184.7
115	55.5	42.8	64.2

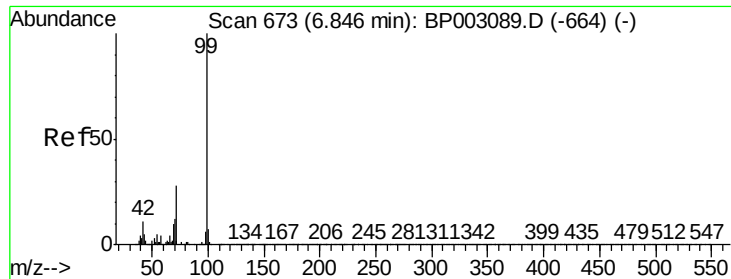


#5

2-Fluorophenol
Concen: 74.572 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Tgt Ion	112	Resp	901691
Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.0	49.6
63	21.5	16.9	25.3





#7

Phenol-d6

Concen: 71.560 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003142.D

Acq: 27 Aug 2020 20:56

Instrument :

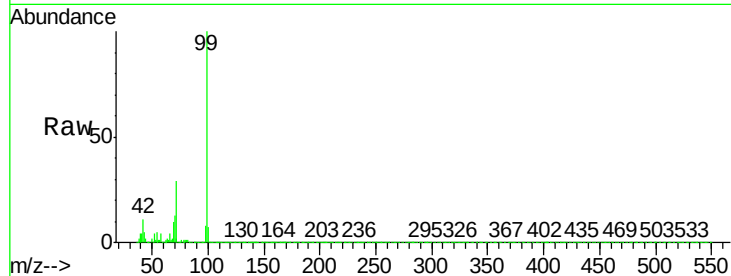
BNA_P

ClientSampleId :

AC-2

Tot Ion: 99 Resp: 1084677

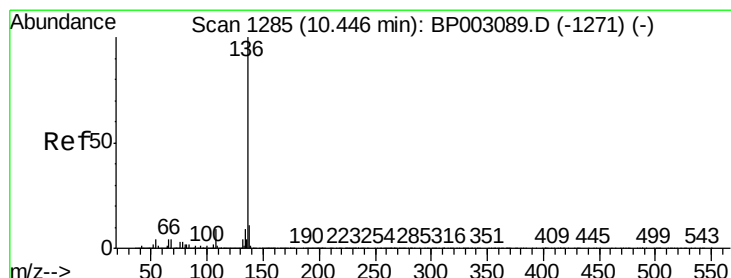
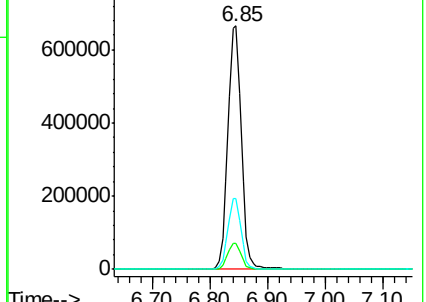
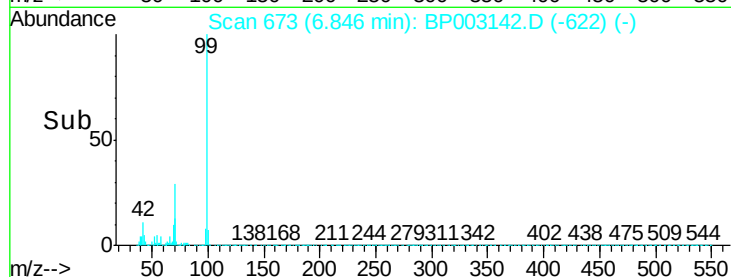
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.3	22.8	34.2



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: 10.44 min Scan# 1284

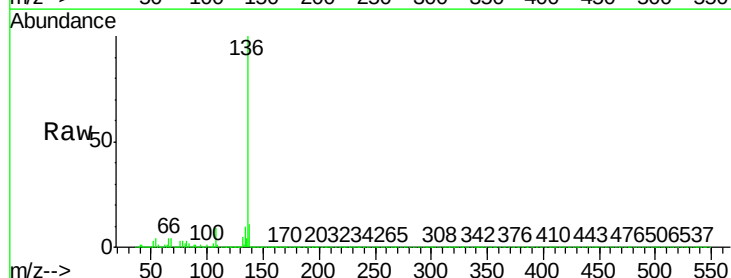
Delta R.T. -0.01 min

Lab File: BP003142.D

Acq: 27 Aug 2020 20:56

Tgt Ion: 136 Resp: 851986

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.3	3.5	5.3
68	4.2	3.2	4.8

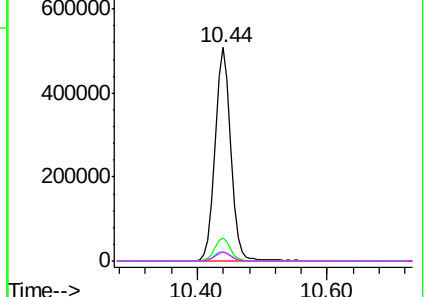
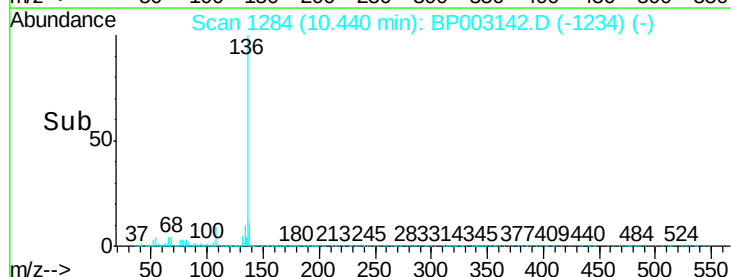


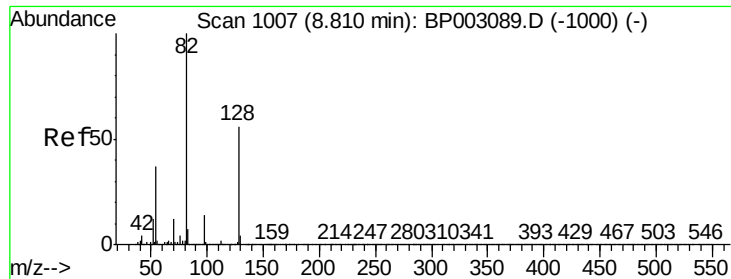
Abundance Ion 136.00 (135.70 to 136.70): E

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

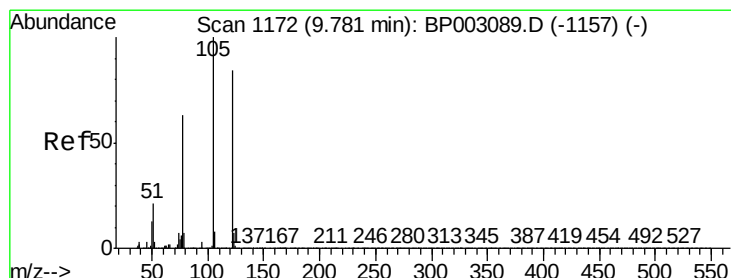
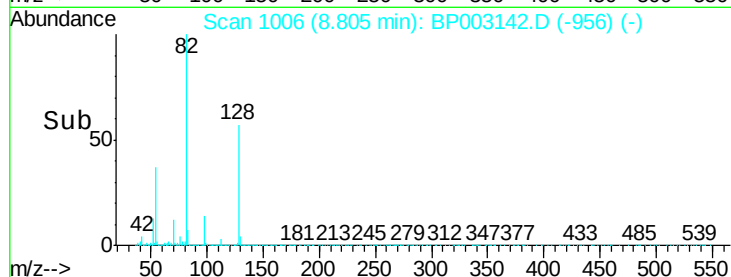
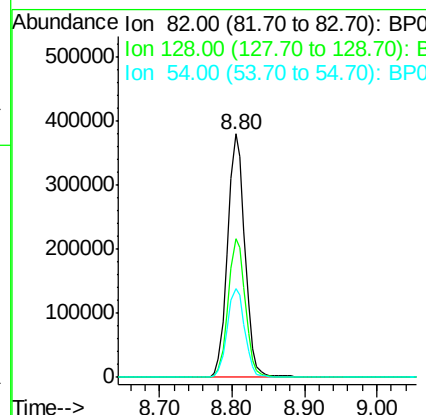
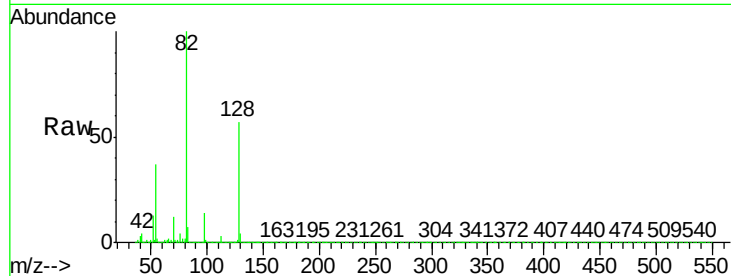




#23
 Nitrobenzene-d5
 Concen: 53.586 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003142.D
 Acq: 27 Aug 2020 20:56

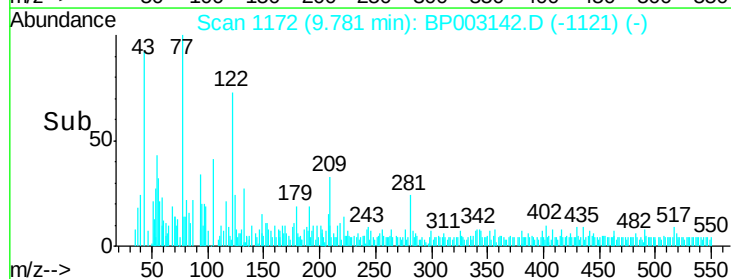
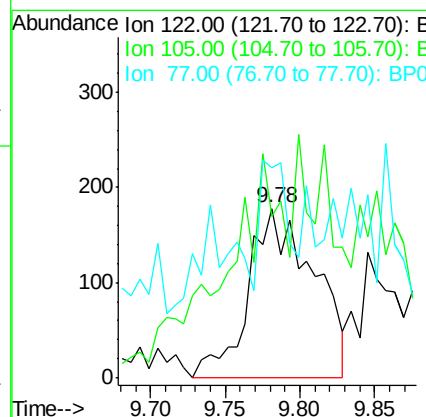
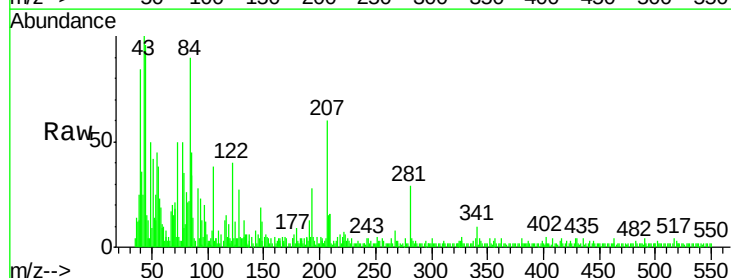
Instrument :
 BNA_P
 ClientSampleId :
 AC-2

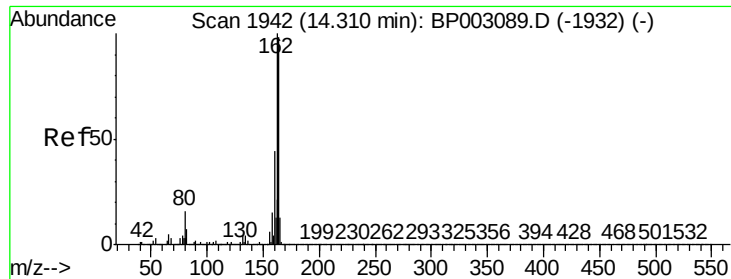
Tot Ion	82	Resp	633294
Ion Ratio	Lower	Upper	
82	100		
128	57.0	44.9	67.3
54	36.6	29.4	44.2



#32
 Benzoic acid
 Concen: 9.052 ng
 RT: 9.78 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BP003142.D
 Acq: 27 Aug 2020 20:56

Tgt Ion	122	Resp	542
Ion Ratio	Lower	Upper	
122	100		
105	94.9	98.1	138.1#
77	124.2	55.3	95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003142.D

Acq: 27 Aug 2020 20:56

Instrument :

BNA_P

ClientSampleId :

AC-2

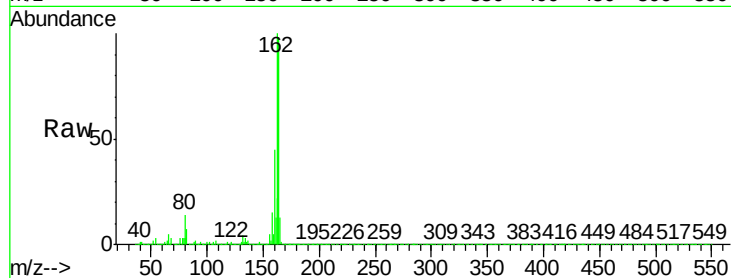
Tot Ion:164 Resp: 516245

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

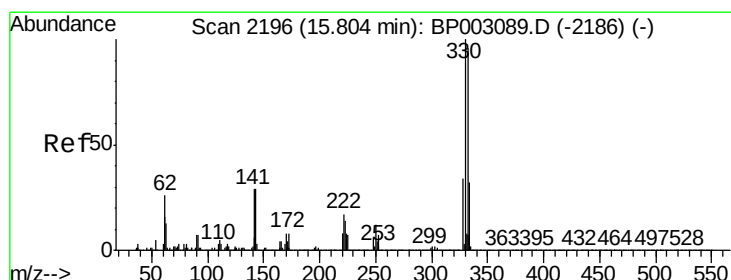
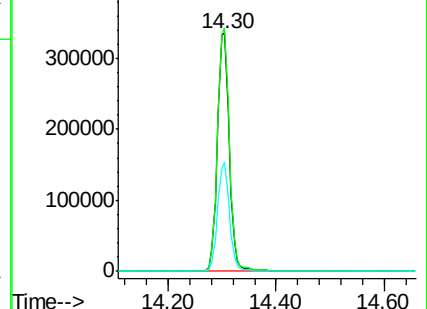
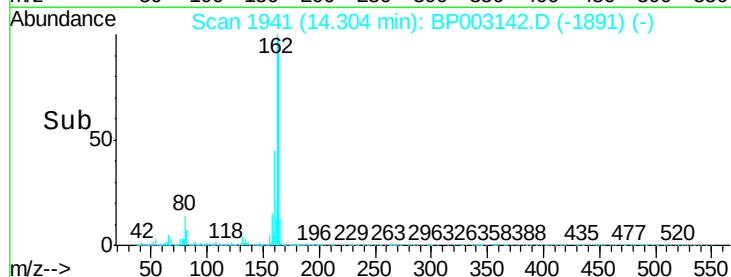
160 45.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 78.059 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003142.D

Acq: 27 Aug 2020 20:56

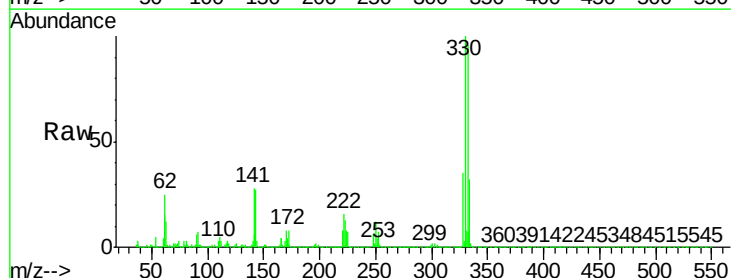
Tgt Ion:330 Resp: 545017

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

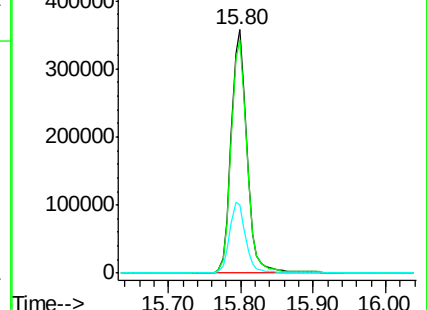
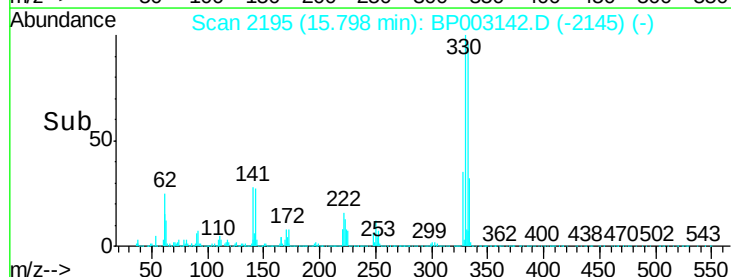
141 29.8 24.4 36.6

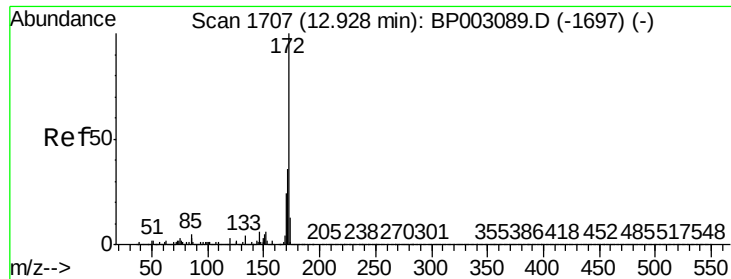


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

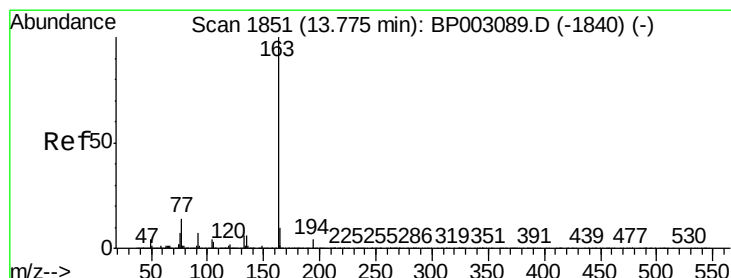
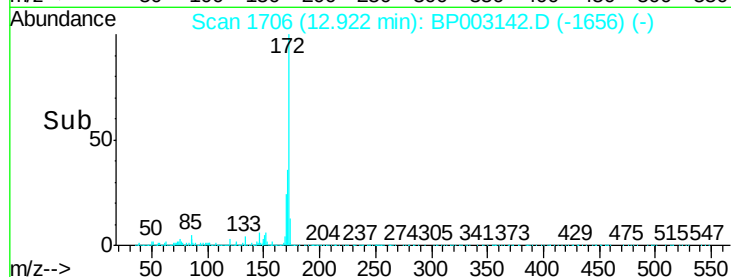
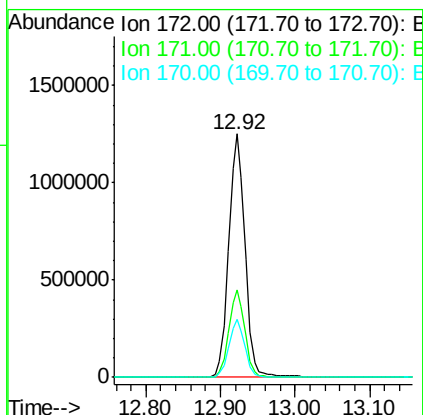
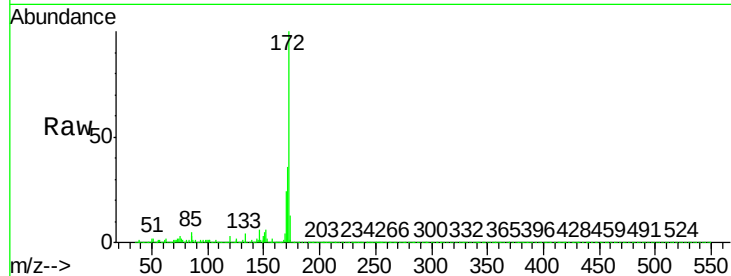




#45
2-Fluorobiphenyl
Concen: 54.459 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

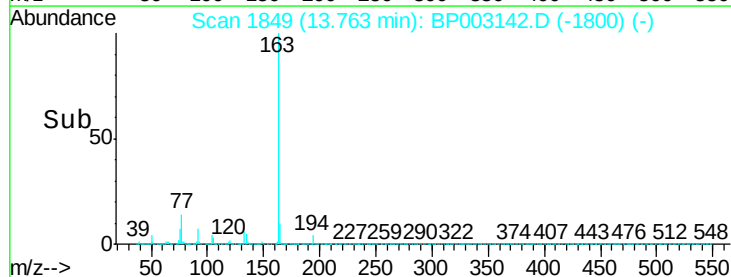
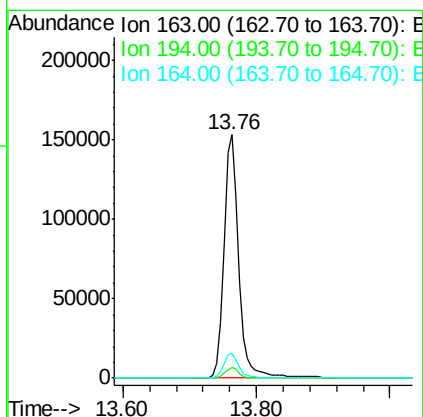
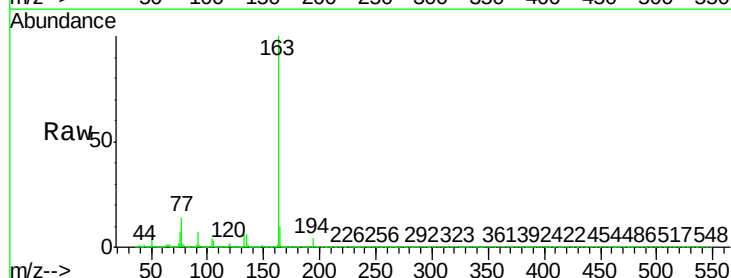
Instrument :
BNA_P
ClientSampleId :
AC-2

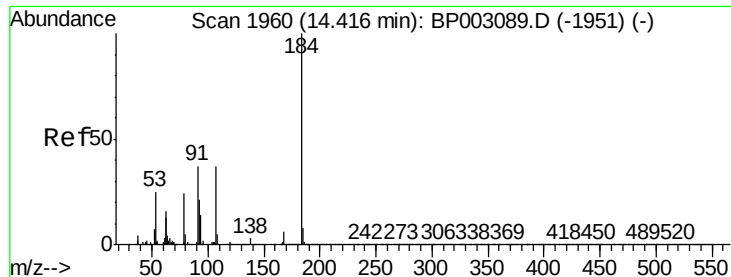
Tot Ion:172 Resp: 1919768
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.0 28.4



#50
Dimethylphthalate
Concen: 6.074 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Tgt Ion:163 Resp: 239120
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

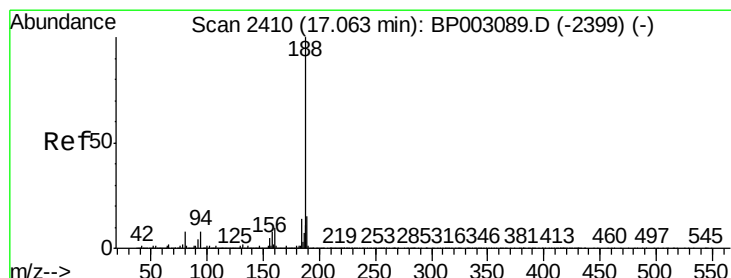
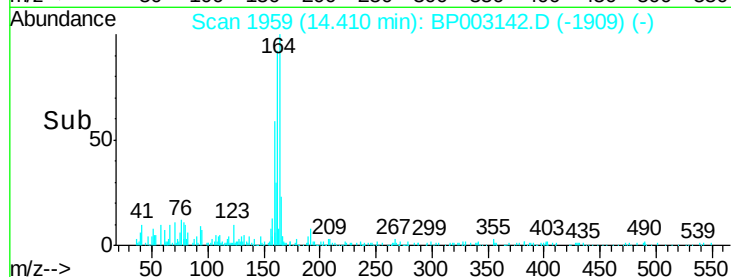
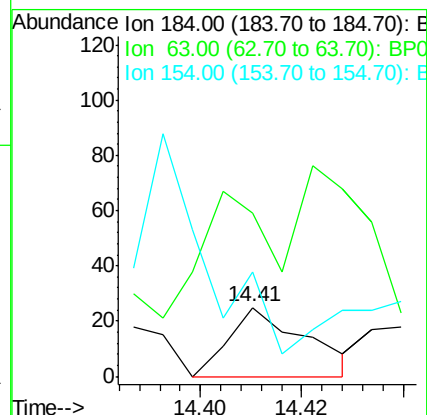
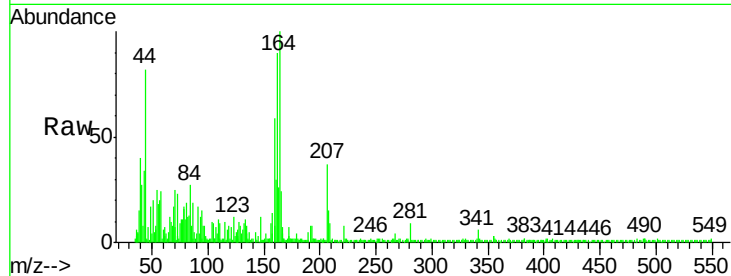




#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

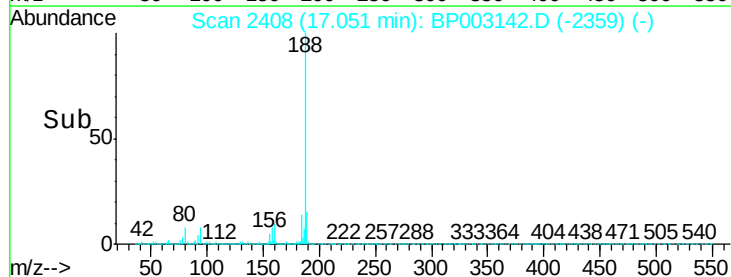
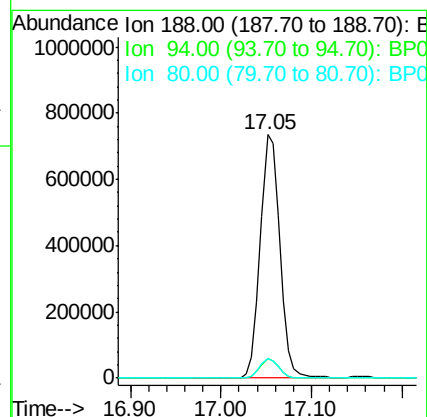
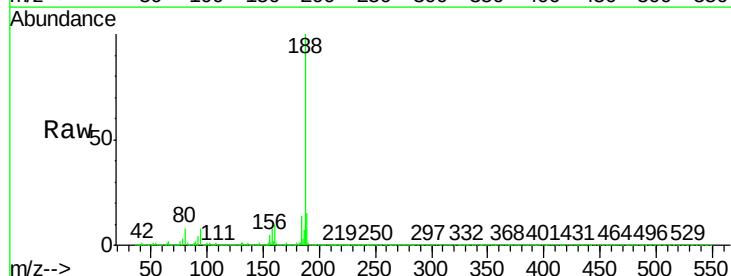
Instrument :
BNA_P
ClientSampled :
AC-2

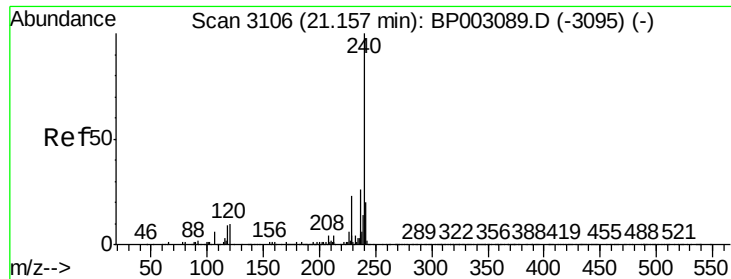
Tot Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 236.0 32.0 48.0#
154 152.0 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Tgt Ion:188 Resp: 1104759
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.0 6.4 9.6

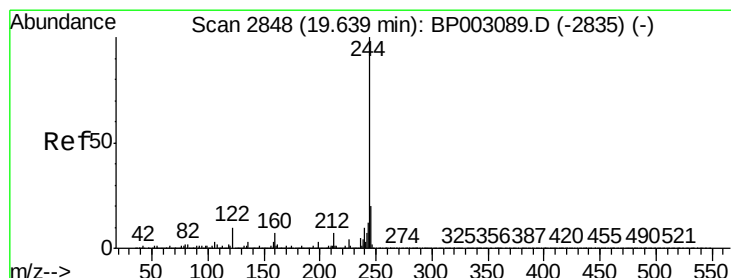
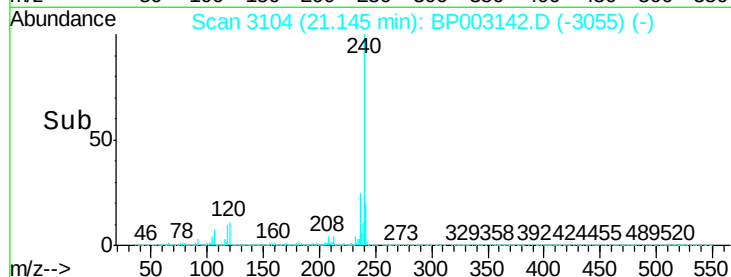
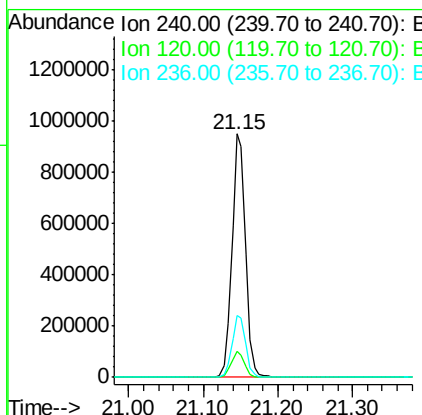
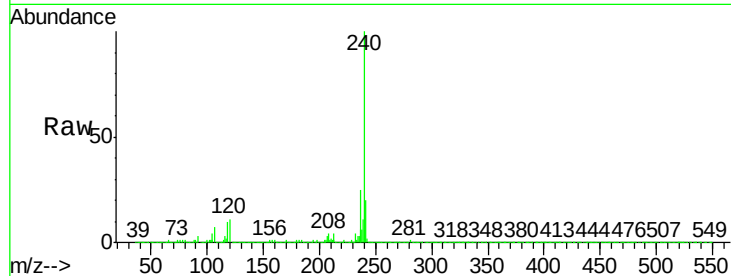




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

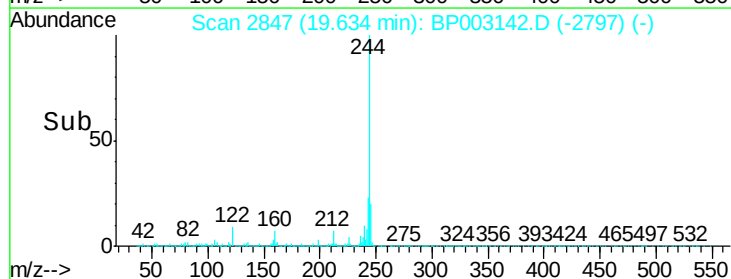
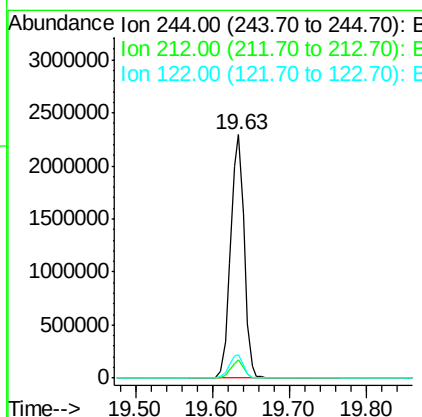
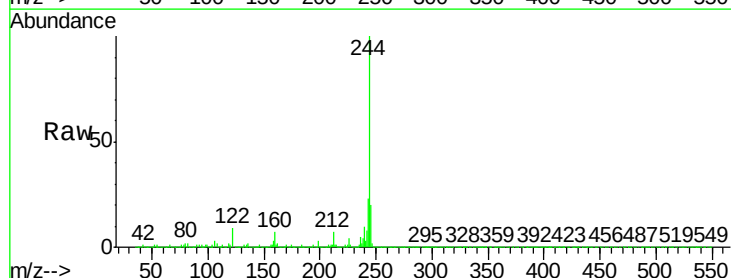
Instrument :
BNA_P
ClientSampleId :
AC-2

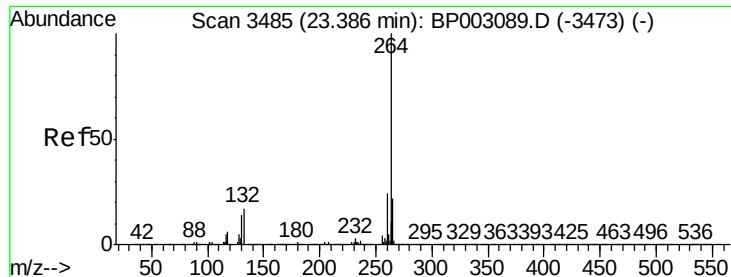
Tot Ion:240 Resp: 1204969
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 51.743 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Tgt Ion:244 Resp: 2833479
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.5 7.7 11.5



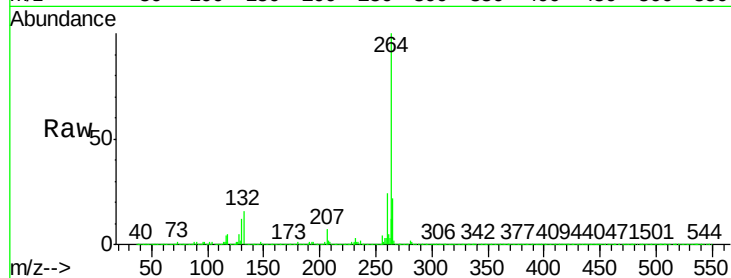


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. 0.00 min
Lab File: BP003142.D
Acq: 27 Aug 2020 20:56

Instrument :
BNA_P
ClientSampleId :
AC-2

Tot Ion:264 Resp: 1338986

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.5	17.7	26.5



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

