

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003108.D
 Acq On : 25 Aug 2020 20:48
 Operator : CG/JU
 Sample : L3784-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-23

Quant Time: Aug 26 00:56:19 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

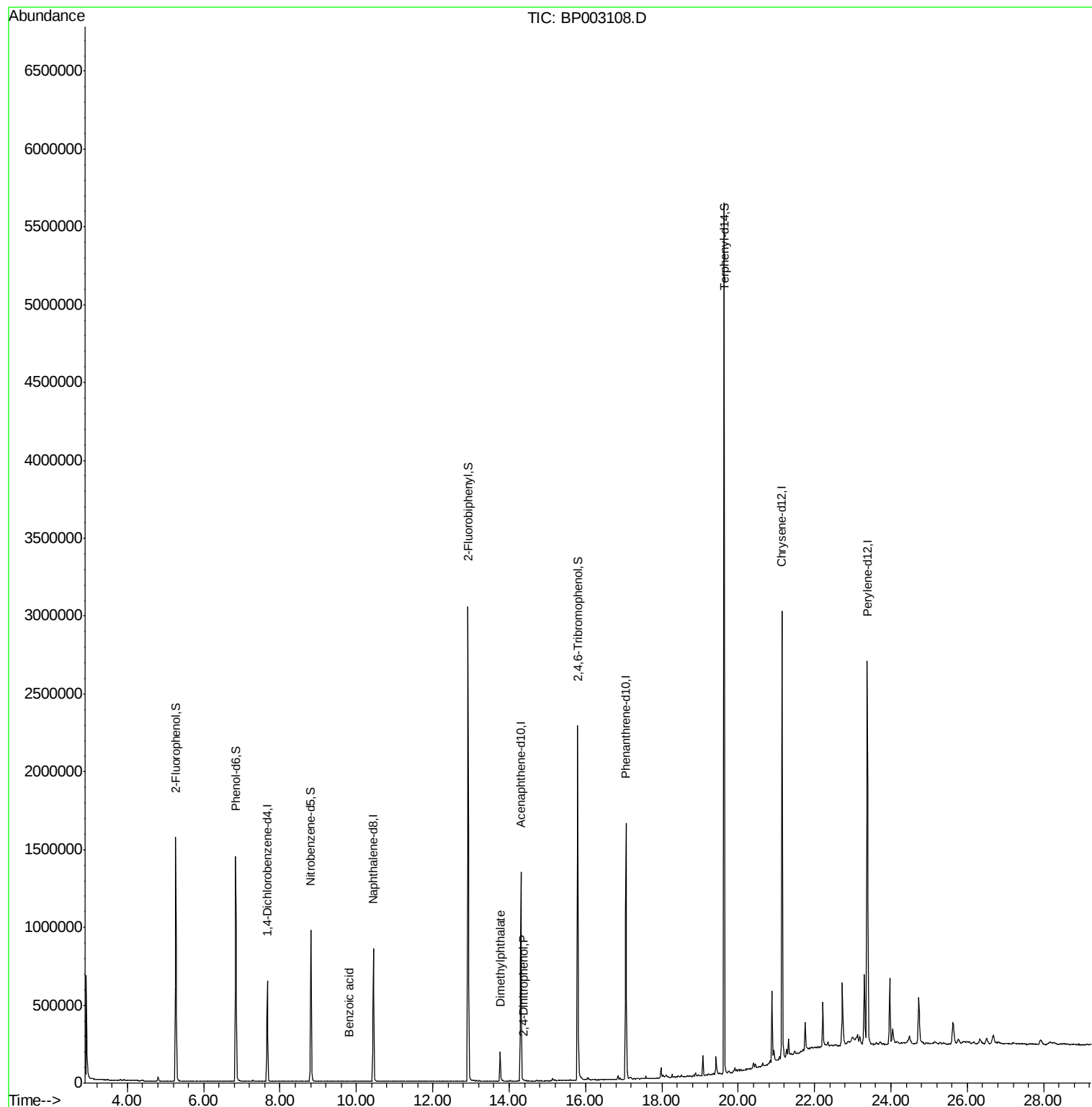
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	200881	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	809624	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	493068	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1070630	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1394437	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1753947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	849826	74.80	ng	0.00
7) Phenol-d6	6.84	99	1014662	71.24	ng	0.00
23) Nitrobenzene-d5	8.80	82	578929	51.55	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	540507	81.05	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1720313	51.09	ng	0.00
79) Terphenyl-d14	19.63	244	2571536	40.58	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	55	9.003	ng	# 1
50) Dimethylphthalate	13.76	163	155147	4.126	ng	99
54) 2,4-Dinitrophenol	14.39	184	5	7.756	ng	# 1

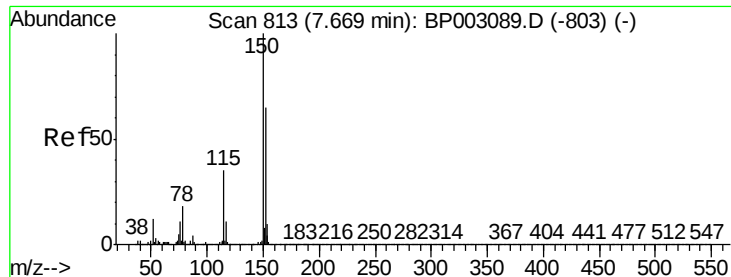
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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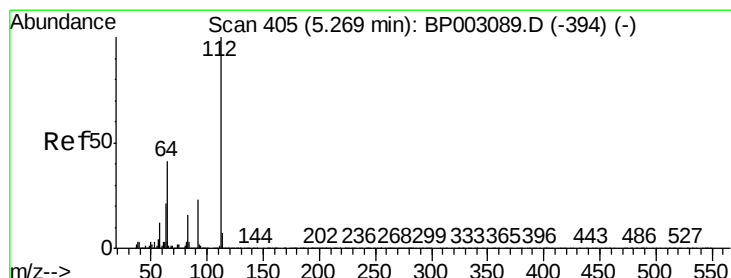
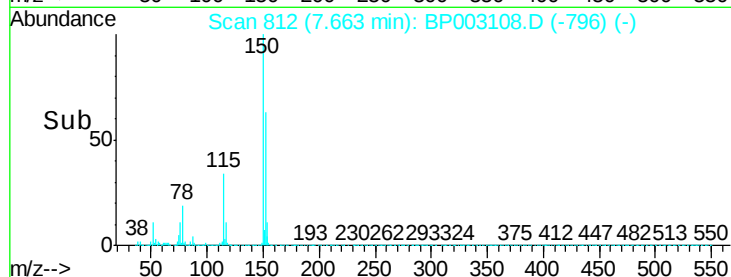
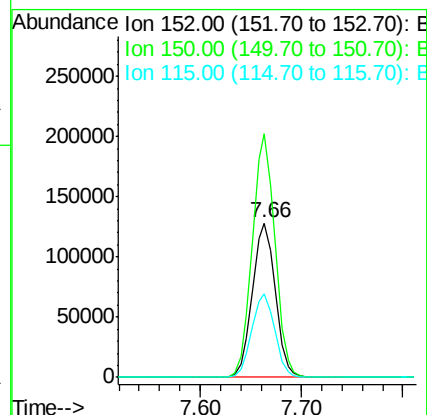
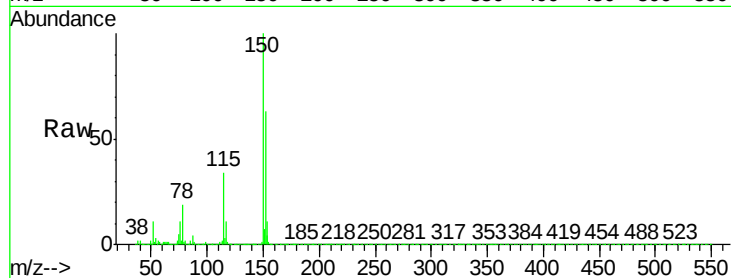


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Instrument :
BNA_P
ClientSampled :
RO-23

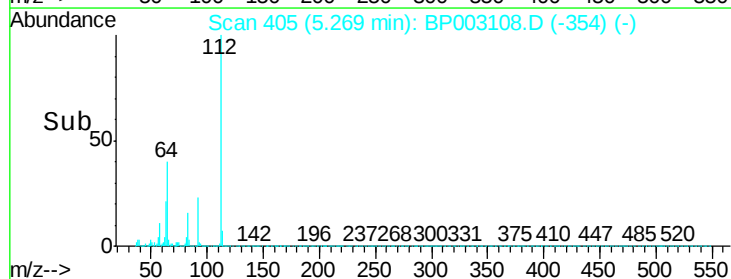
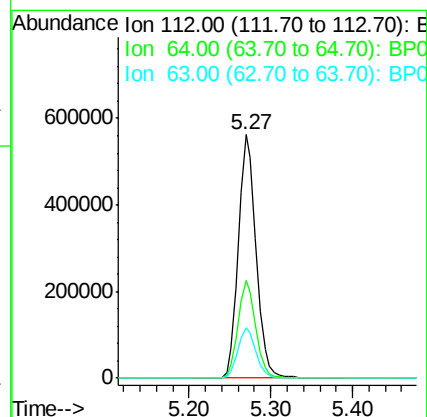
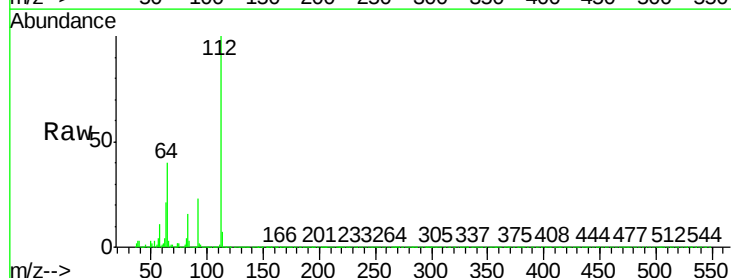
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.1	184.7
115	53.8	42.8	64.2

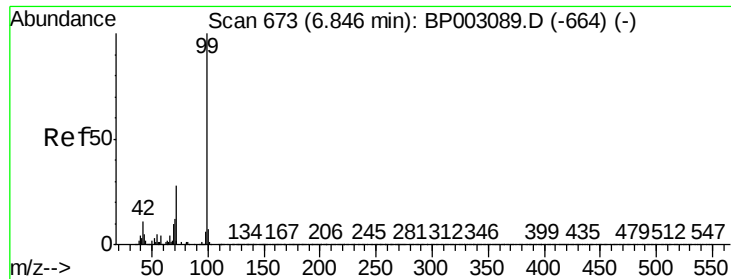


#5

2-Fluorophenol
Concen: 74.796 ng
RT: 5.27 min Scan# 405
Delta R.T. -0.00 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.0	33.0	49.6
63	20.9	16.9	25.3





#7

Phenol-d6

Concen: 71.240 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003108.D

Acq: 25 Aug 2020 20:48

Instrument :

BNA_P

ClientSampleId :

RO-23

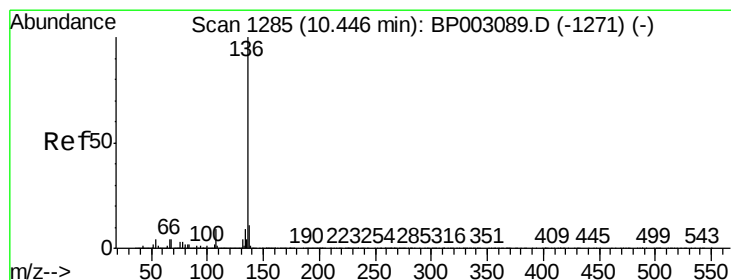
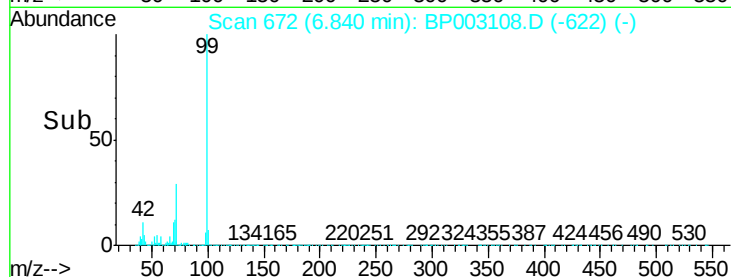
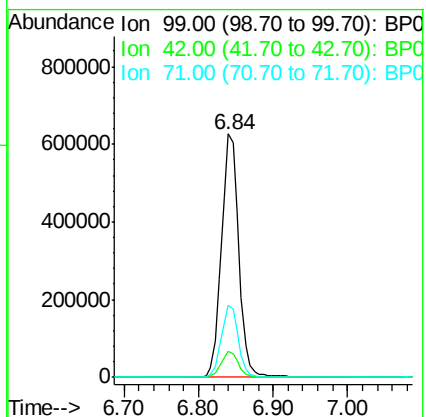
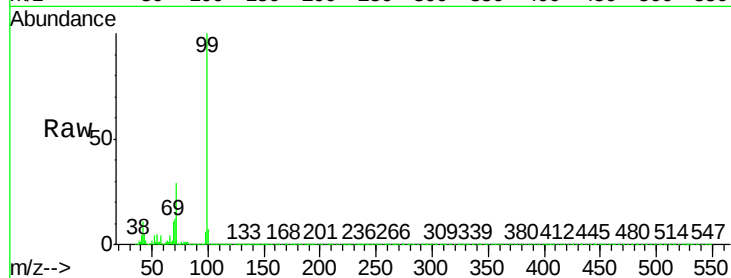
Tot Ion: 99 Resp: 1014662

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.4	22.8	34.2

99 100

42 10.6 8.5 12.7

71 29.4 22.8 34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003108.D

Acq: 25 Aug 2020 20:48

Tgt Ion: 136 Resp: 809624

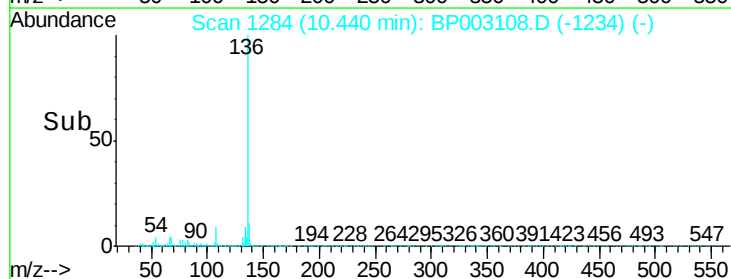
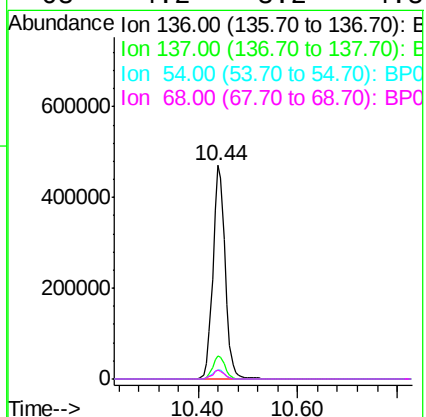
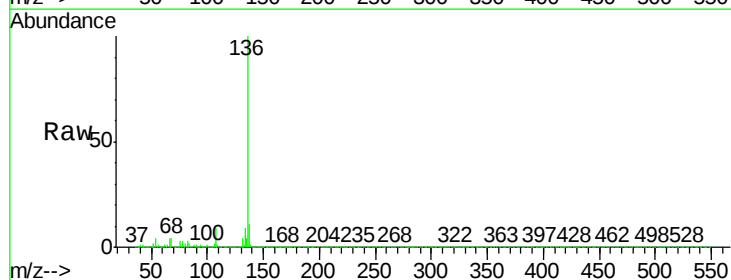
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.4	3.5	5.3
68	4.2	3.2	4.8

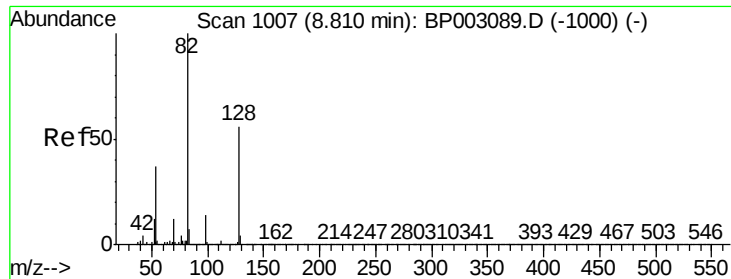
136 100

137 10.8 8.8 13.2

54 4.4 3.5 5.3

68 4.2 3.2 4.8

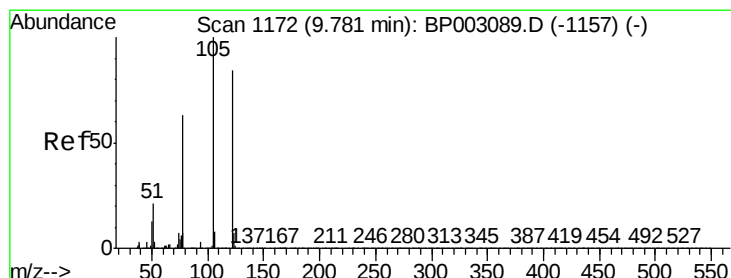
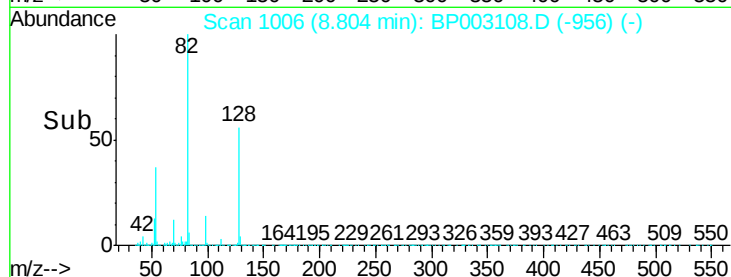
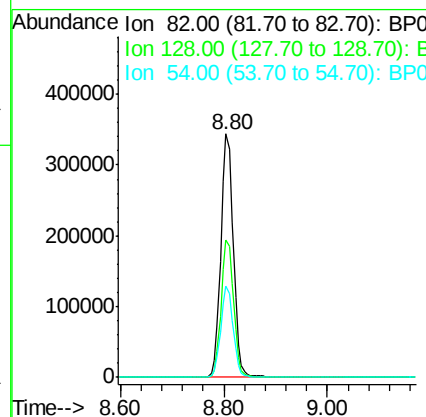
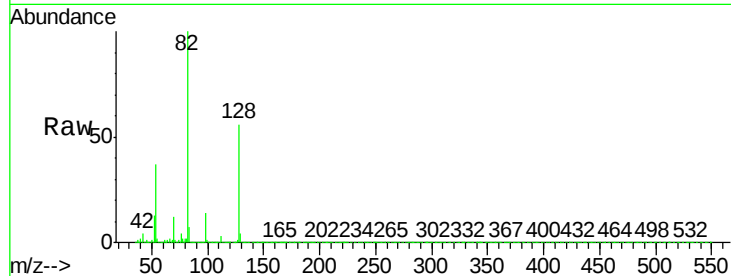




#23
 Nitrobenzene-d5
 Concen: 51.549 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003108.D
 Acq: 25 Aug 2020 20:48

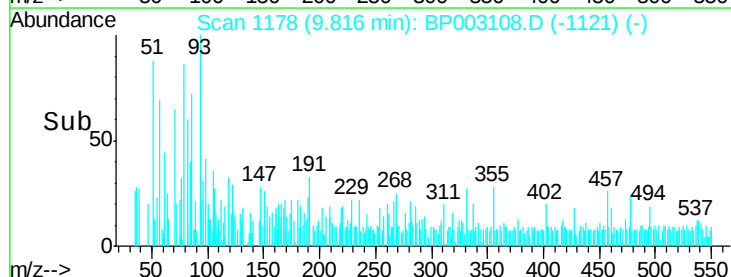
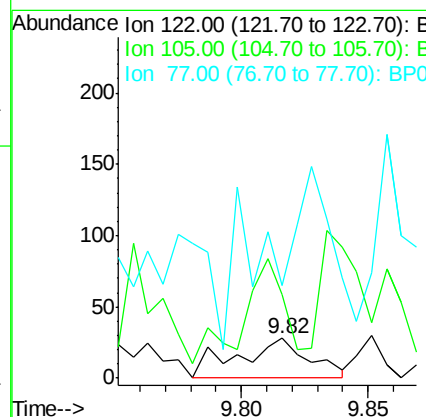
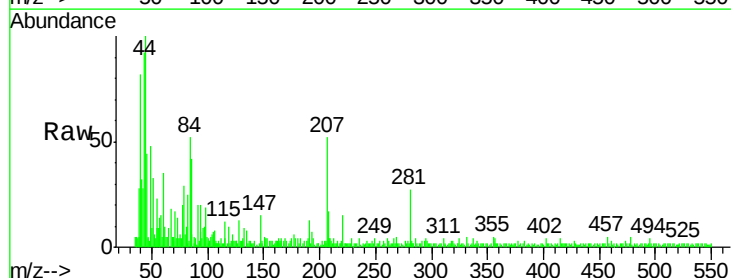
Instrument :
 BNA_P
 ClientSampleId :
 RO-23

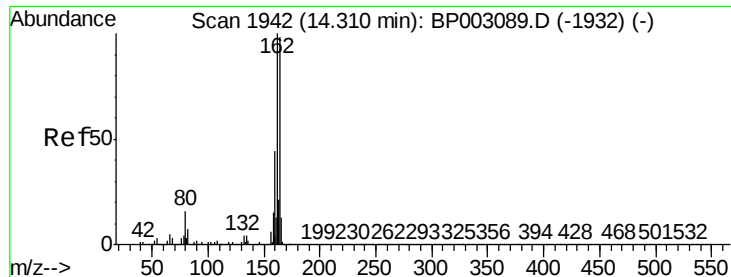
Tot Ion	82	Resp	578929
Ion Ratio	Lower	Upper	
82	100		
128	56.3	44.9	67.3
54	37.3	29.4	44.2



#32
 Benzoic acid
 Concen: 9.003 ng
 RT: 9.82 min Scan# 1178
 Delta R.T. 0.04 min
 Lab File: BP003108.D
 Acq: 25 Aug 2020 20:48

Tgt Ion	122	Resp	55
Ion Ratio	Lower	Upper	
122	100		
105	210.7	98.1	138.1#
77	232.1	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: BP003108.D

Acq: 25 Aug 2020 20:48

Instrument :

BNA_P

ClientSampled :

RO-23

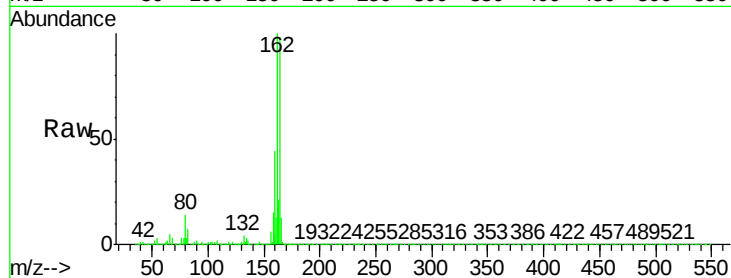
Tot Ion:164 Resp: 493068

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

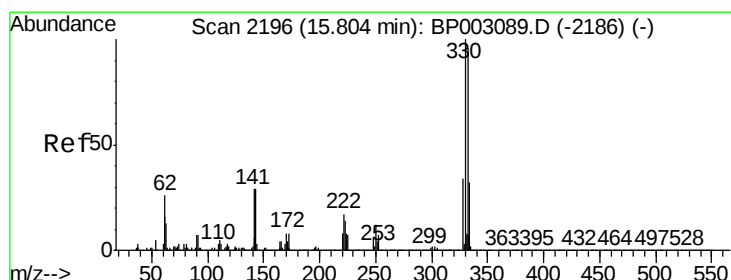
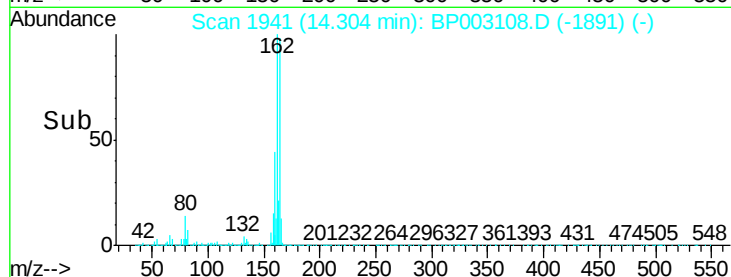
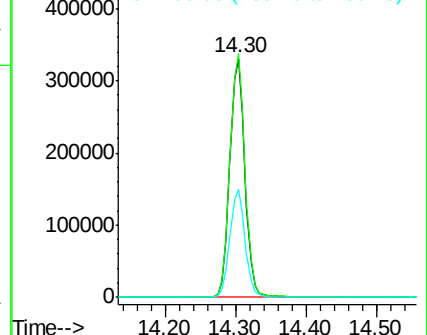
160 45.0 36.0 54.0



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: 81.052 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003108.D

Acq: 25 Aug 2020 20:48

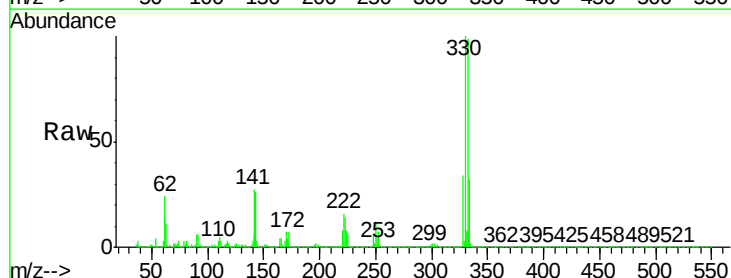
Tgt Ion:330 Resp: 540507

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

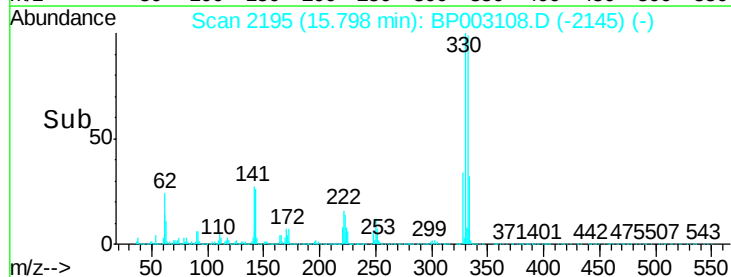
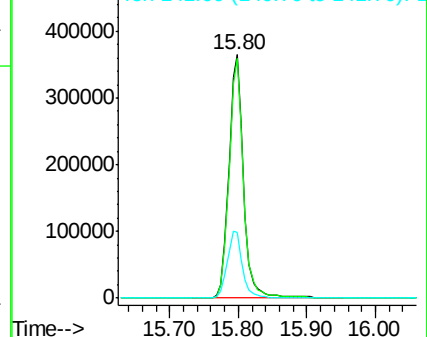
141 28.4 24.4 36.6

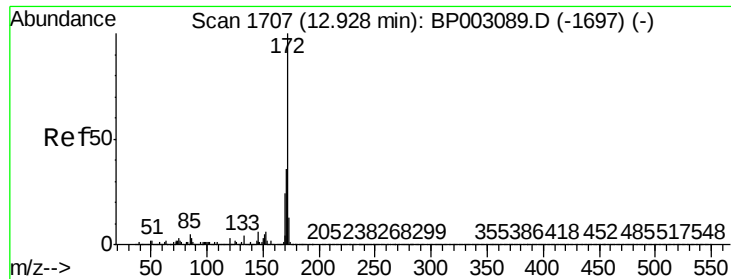


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

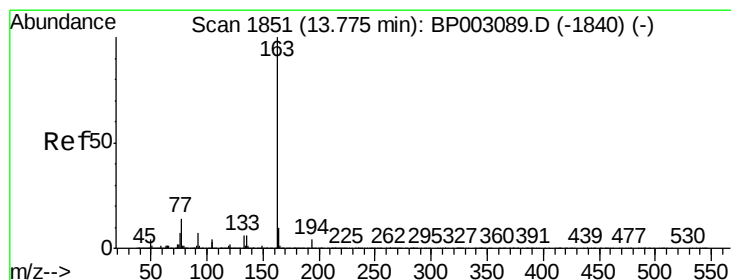
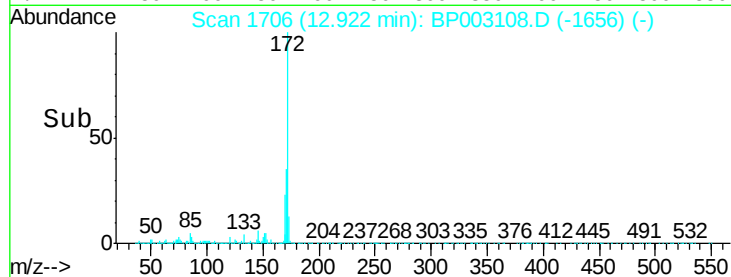
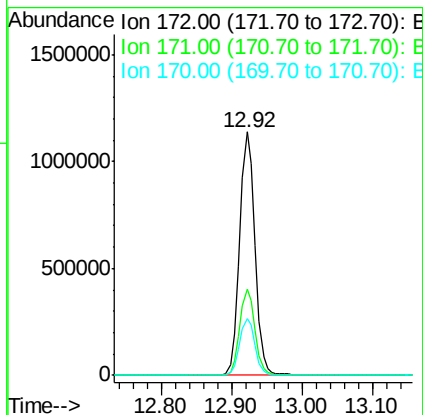
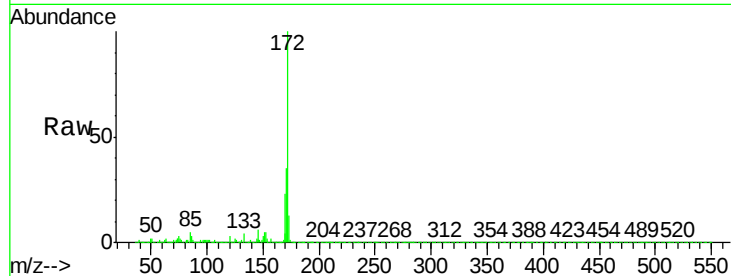




#45
2-Fluorobiphenyl
Concen: 51.095 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

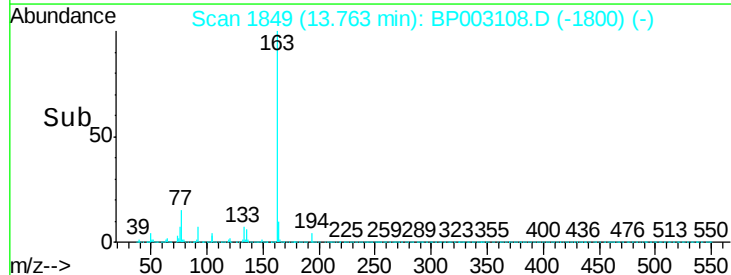
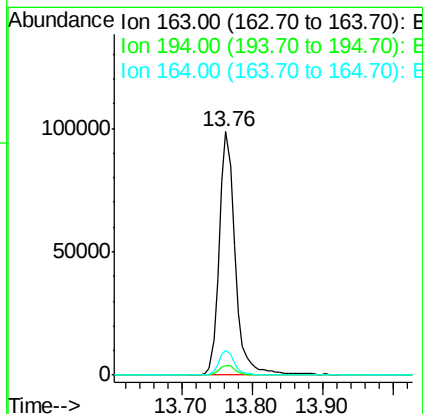
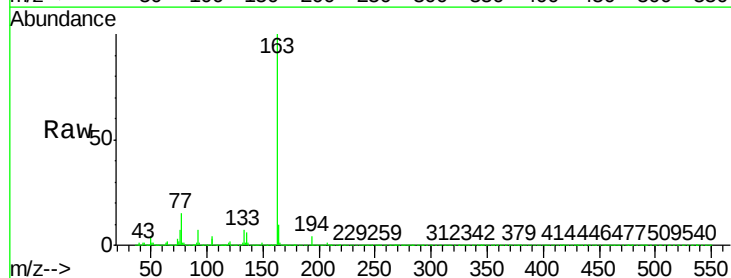
Instrument :
BNA_P
ClientSampleId :
RO-23

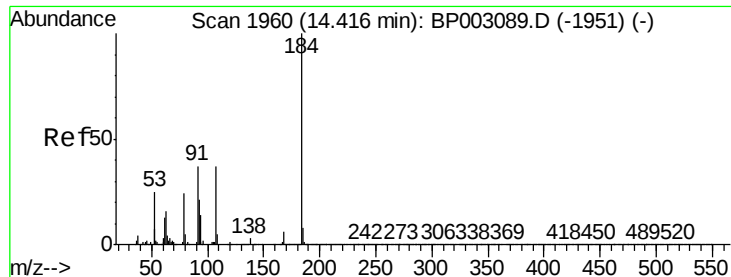
Tot Ion:172 Resp: 1720313
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.4 19.0 28.4



#50
Dimethylphthalate
Concen: 4.126 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Tgt Ion:163 Resp: 155147
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.1 12.1

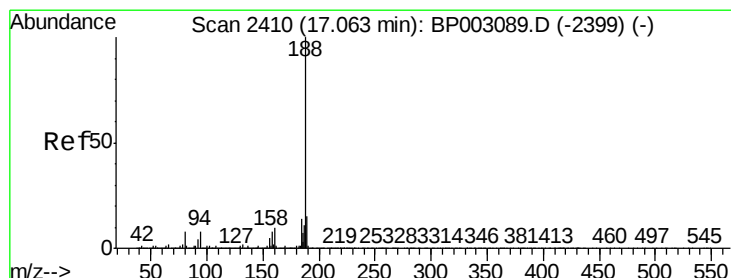
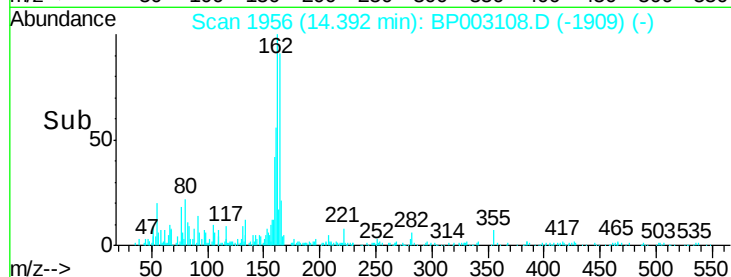
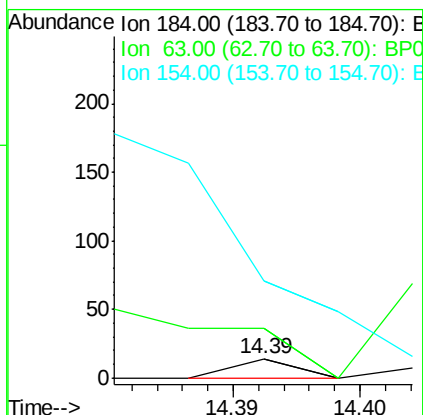
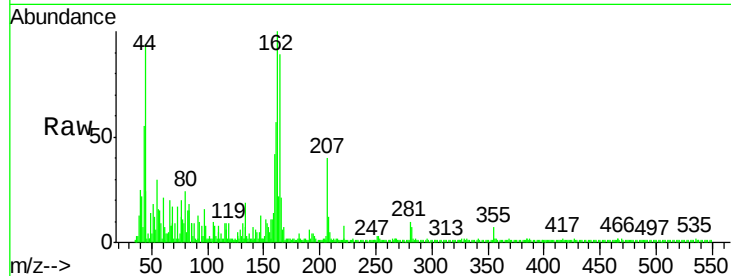




#54
2,4-Dinitrophenol
Concen: 7.756 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

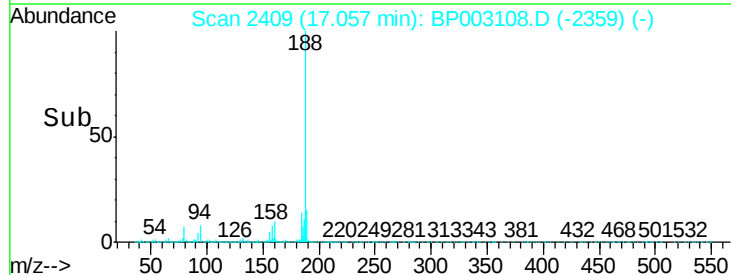
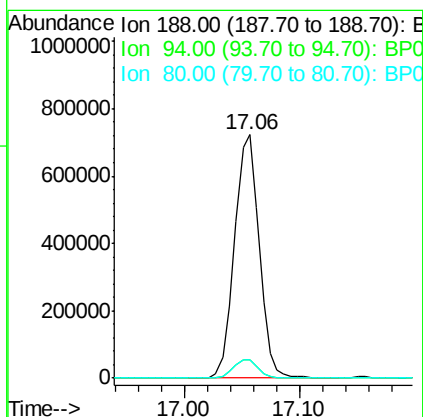
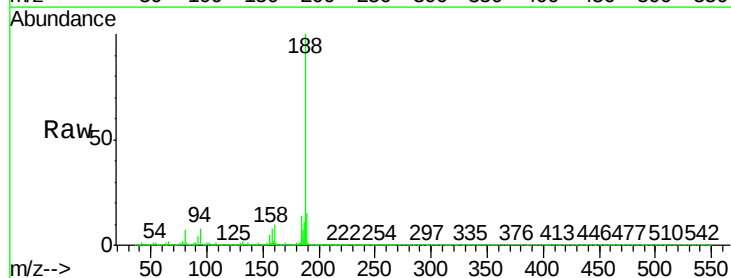
Instrument :
BNA_P
ClientSampled :
RO-23

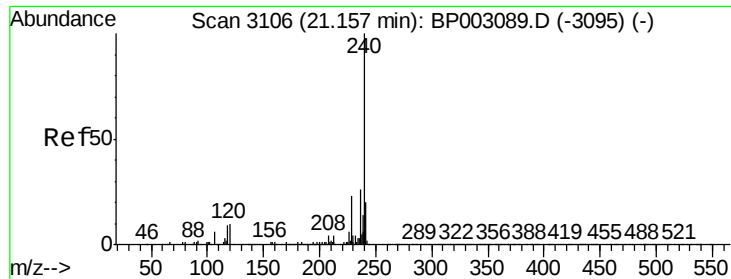
Tot Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 180.0 32.0 48.0#
154 355.0 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Tgt Ion:188 Resp: 1070630
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 7.5 6.4 9.6

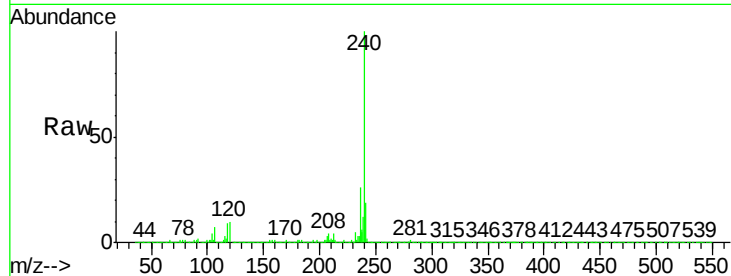




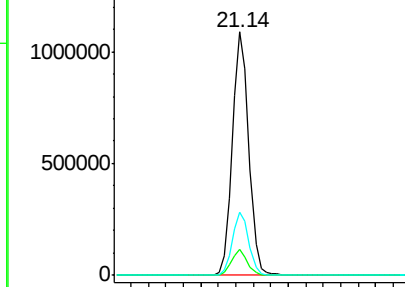
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Instrument :
BNA_P
ClientSampleId :
RO-23

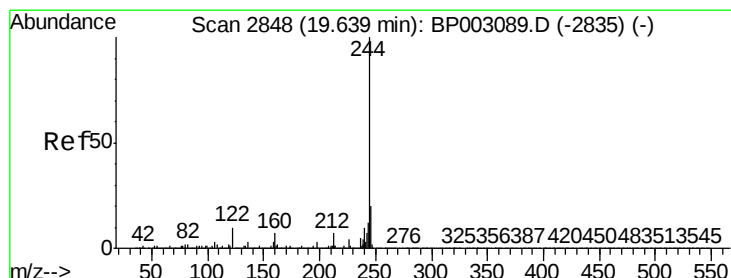
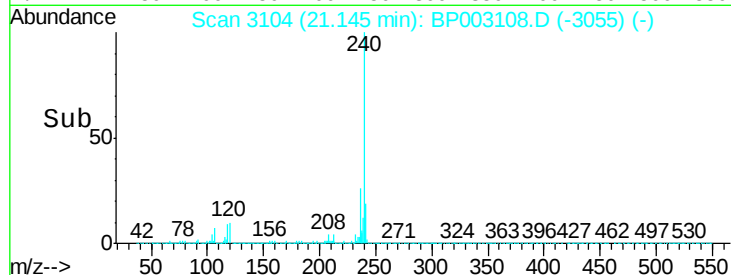
Tot Ion:240 Resp: 1394437
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.9 20.6 31.0



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

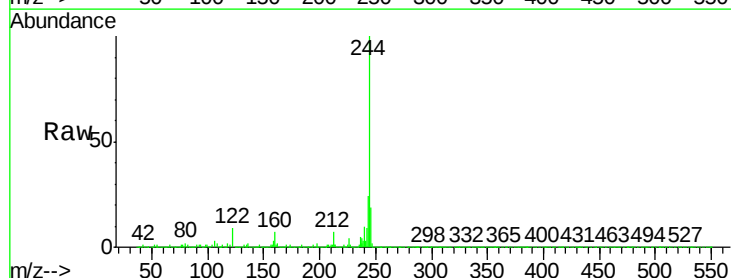


Time-->

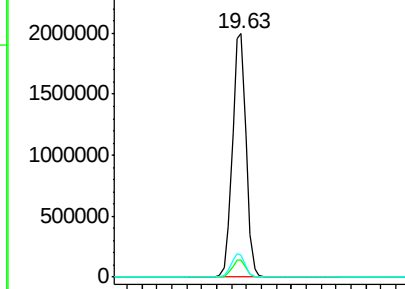


#79
Terphenyl-d14
Concen: 40.579 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

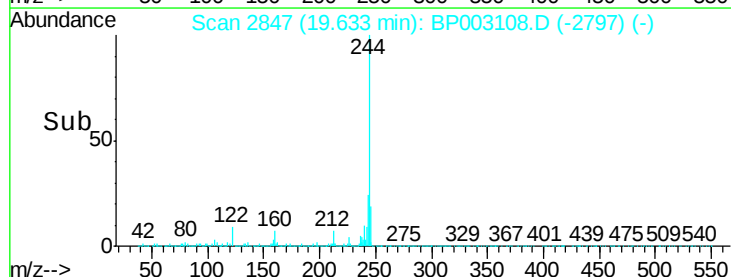
Tgt Ion:244 Resp: 2571536
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.3 7.7 11.5

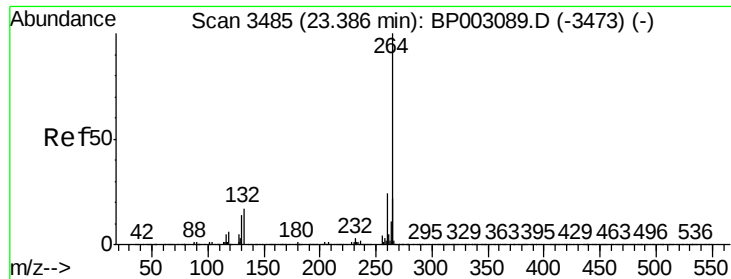


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003108.D
Acq: 25 Aug 2020 20:48

Instrument :
BNA_P
ClientSampleId :
RO-23

Tot Ion:264 Resp: 1753947

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.6	17.7	26.5

