

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003124.D
 Acq On : 26 Aug 2020 20:52
 Operator : CG/JU
 Sample : L3794-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336

Quant Time: Aug 27 00:28:42 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

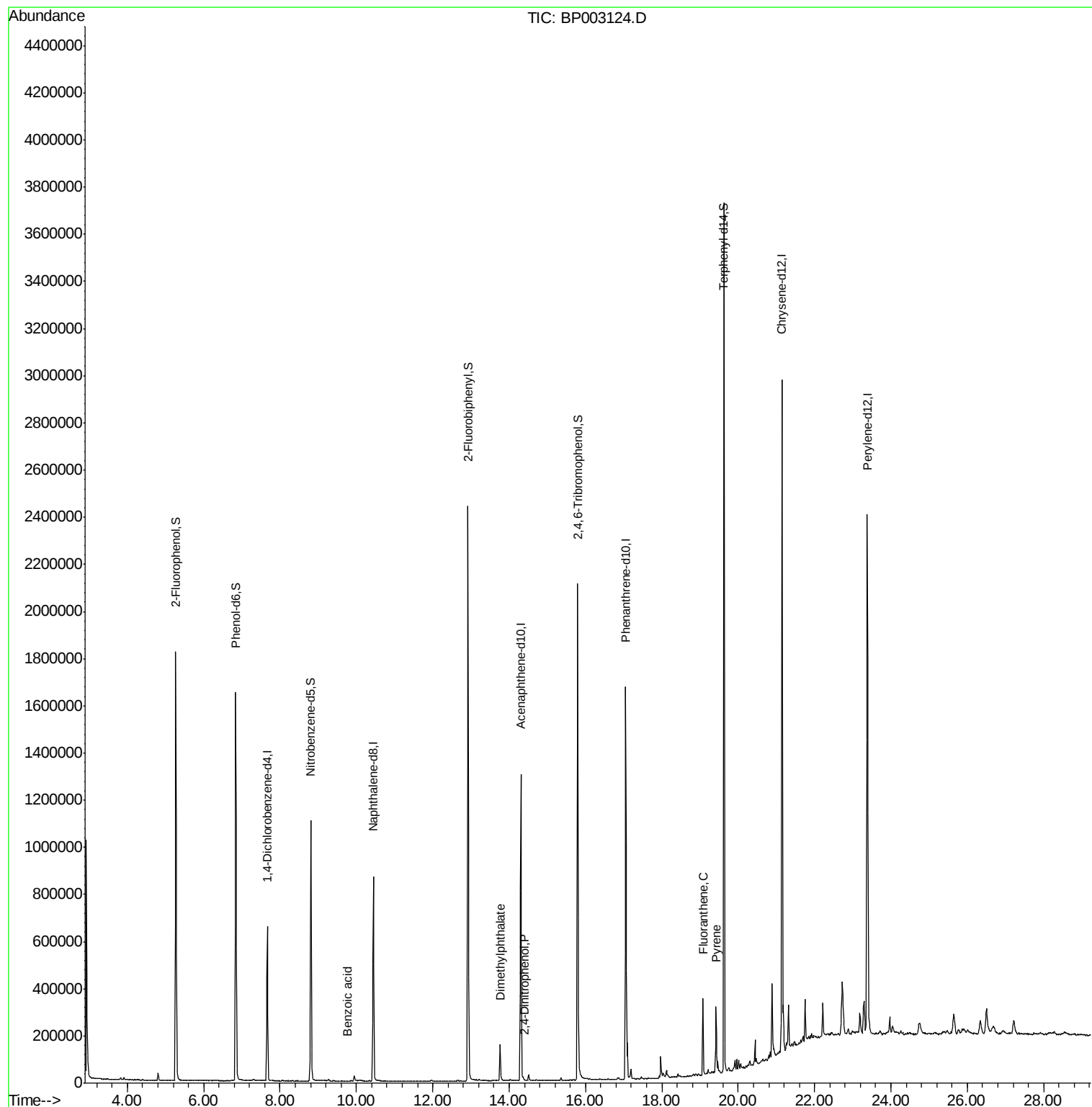
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	206661	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	806597	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	483608	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1063463	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1311233	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1599699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	989103	84.62	ng	0.00
7) Phenol-d6	6.84	99	1159177	79.11	ng	0.00
23) Nitrobenzene-d5	8.80	82	650158	58.11	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	498634	76.24	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1394795	42.24	ng	0.00
79) Terphenyl-d14	19.63	244	1636473	27.46	ng	-0.01
Target Compounds						
32) Benzoic acid	9.76	122	53	9.003	ng	# 43
50) Dimethylphthalate	13.76	163	126989	3.443	ng	100
54) 2,4-Dinitrophenol	14.42	184	18	7.759	ng	# 1
75) Fluoranthene	19.07	202	199749	2.999	ng	99
78) Pyrene	19.42	202	176549	2.075	ng	99

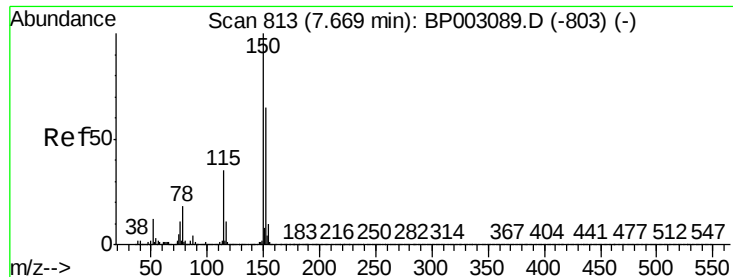
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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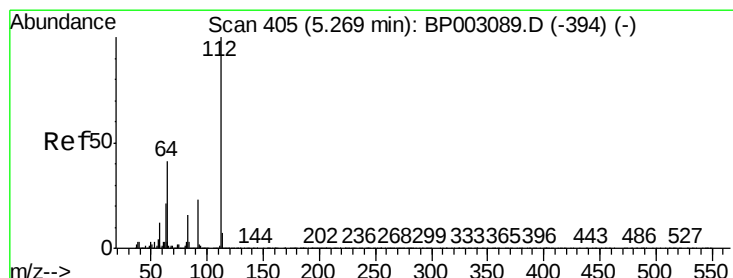
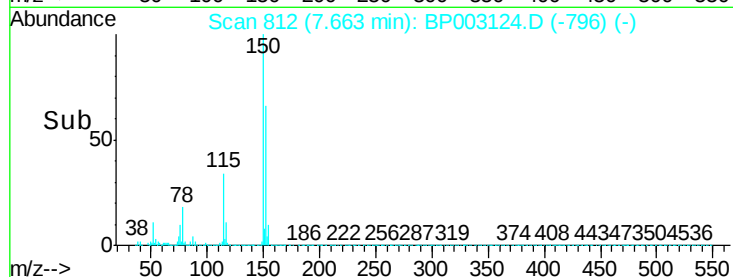
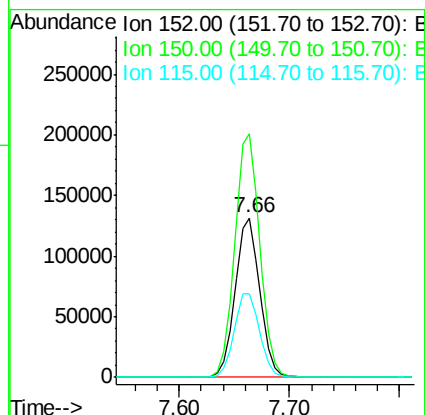
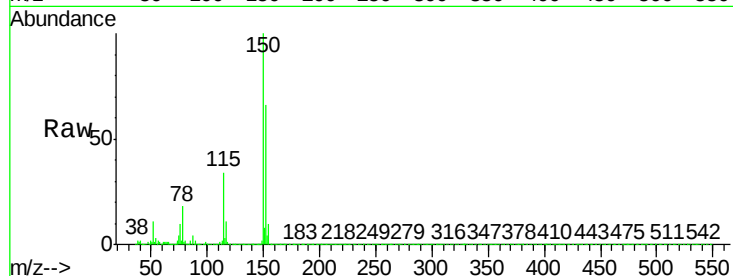


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

Instrument :
BNA_P
ClientSampleId :
336

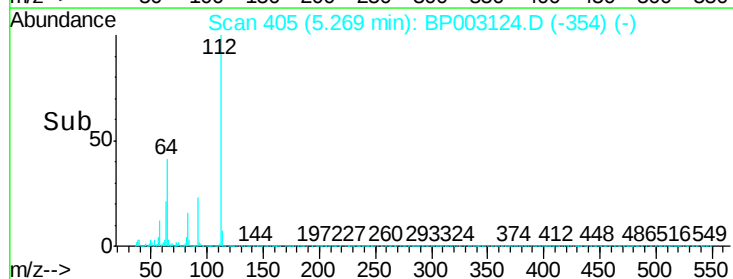
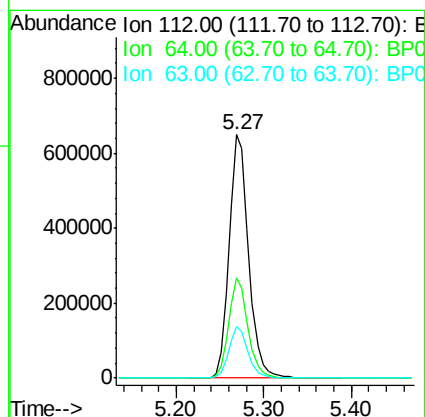
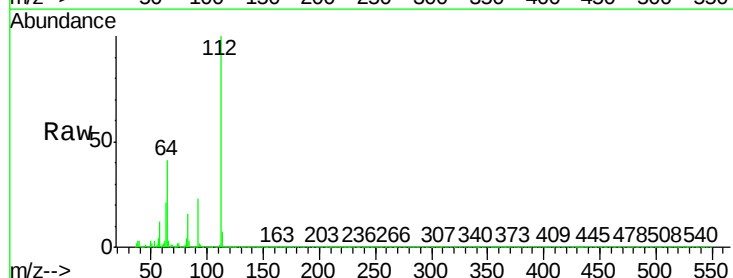
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.1	184.7
115	52.3	42.8	64.2

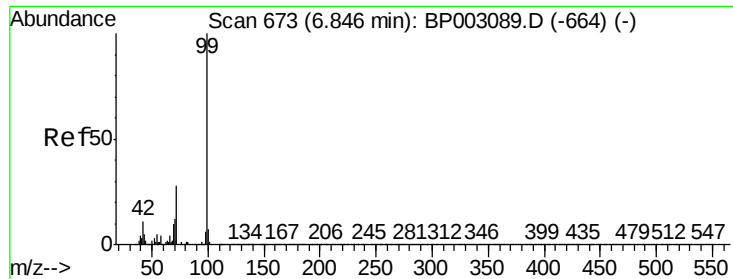


#5

2-Fluorophenol
Concen: 84.620 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.0	49.6
63	21.1	16.9	25.3





#7

Phenol-d6

Concen: 79.110 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

Instrument :

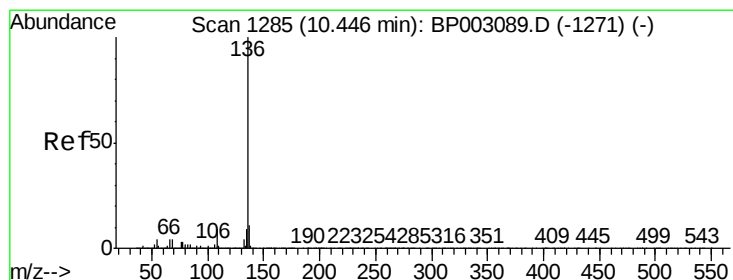
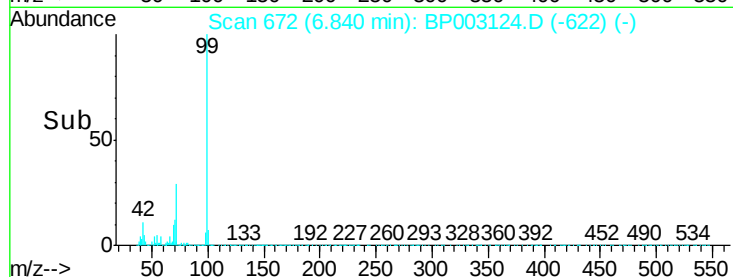
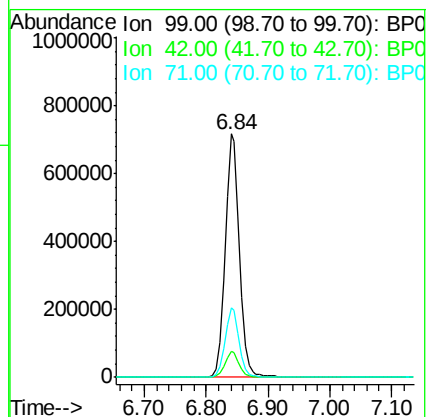
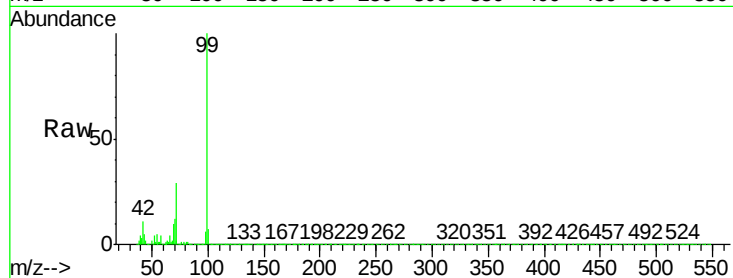
BNA_P

ClientSampleId :

336

Tot Ion: 99 Resp: 1159177

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	28.6	22.8	34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

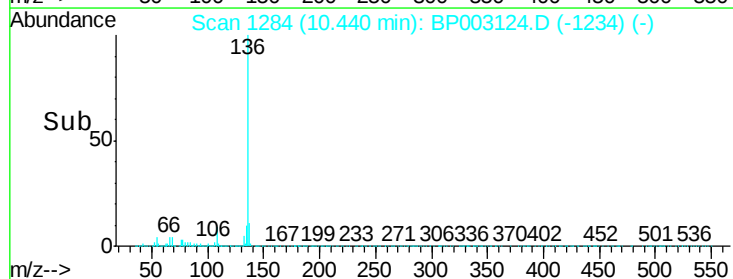
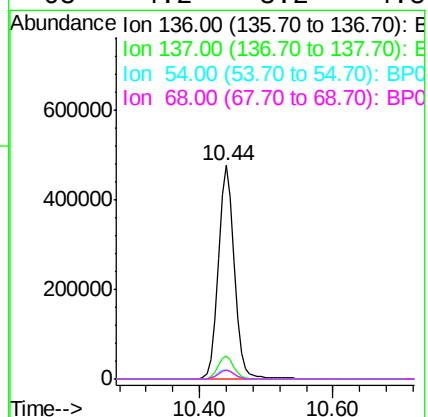
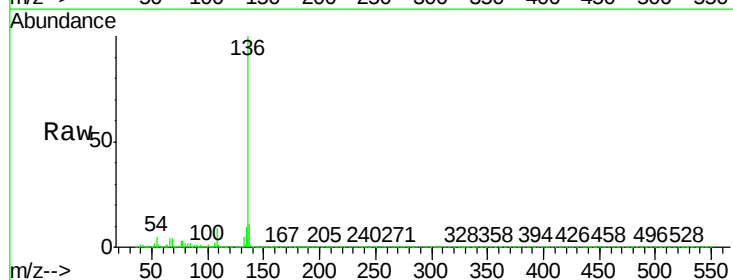
Delta R.T. -0.01 min

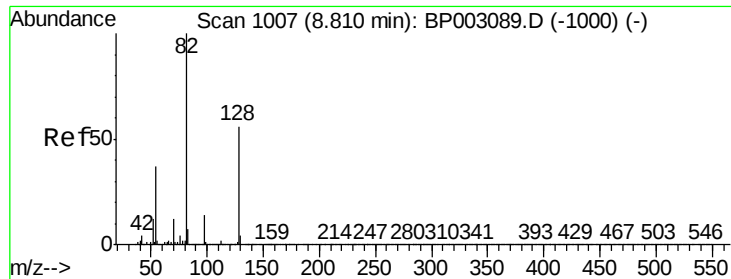
Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

Tgt Ion: 136 Resp: 806597

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.5	3.5	5.3
68	4.2	3.2	4.8

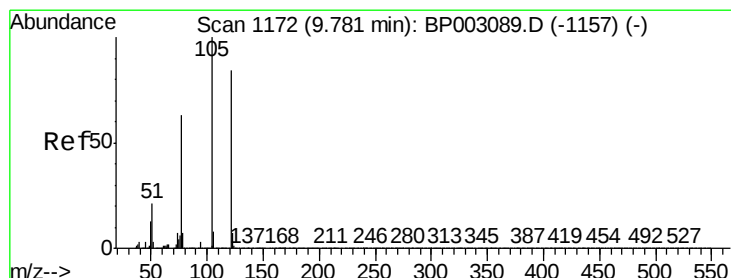
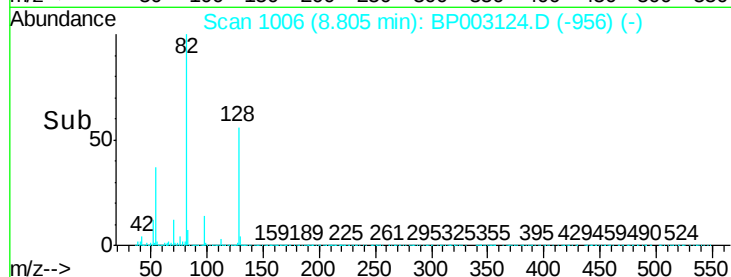
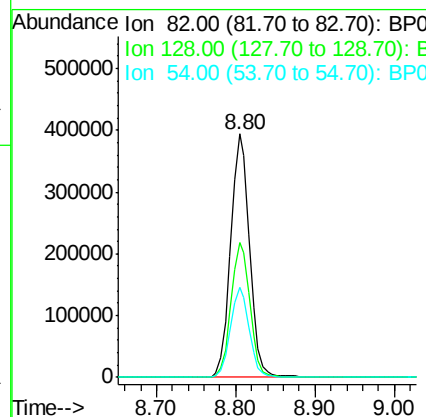
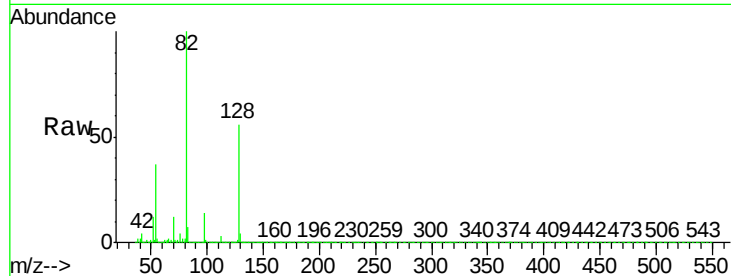




#23
Nitrobenzene-d5
Concen: 58.109 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

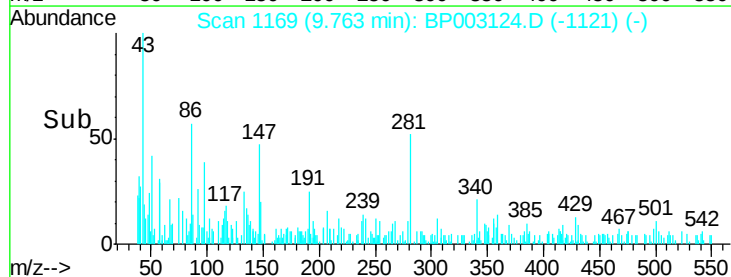
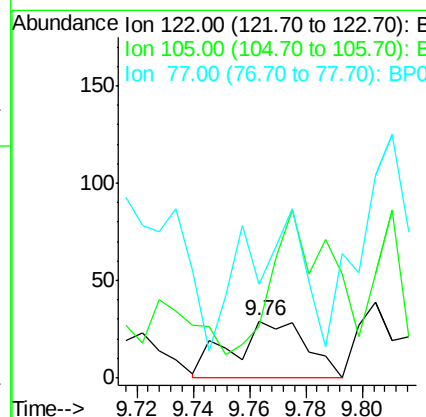
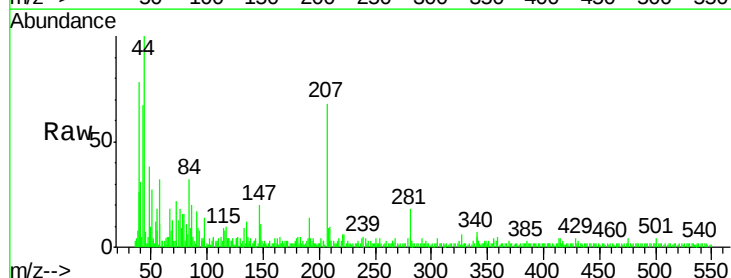
Instrument :
BNA_P
ClientSampleId :
336

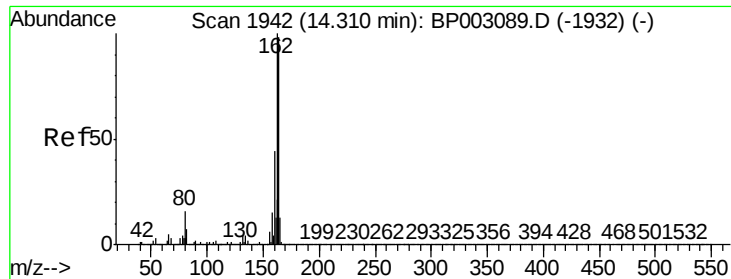
Tot Ion	Ratio	Lower	Upper
82	100		
128	55.6	44.9	67.3
54	36.7	29.4	44.2



#32
Benzoic acid
Concen: 9.003 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	89.7	98.1	138.1#
77	165.5	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: BP003124.D

Acq: 26 Aug 2020 20:52

Instrument :

BNA_P

ClientSampleId :

336

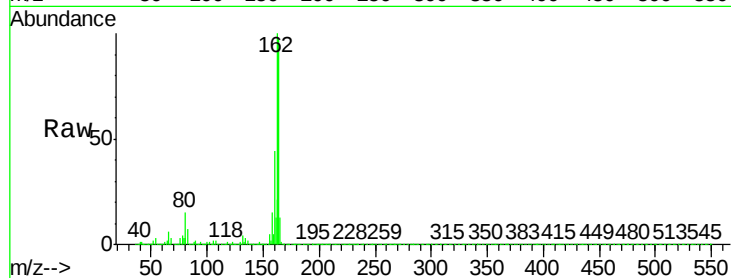
Tot Ion:164 Resp: 483608

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

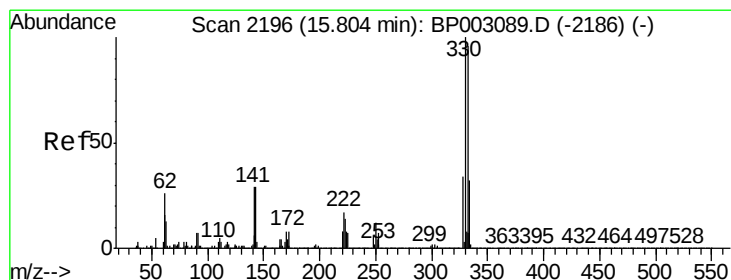
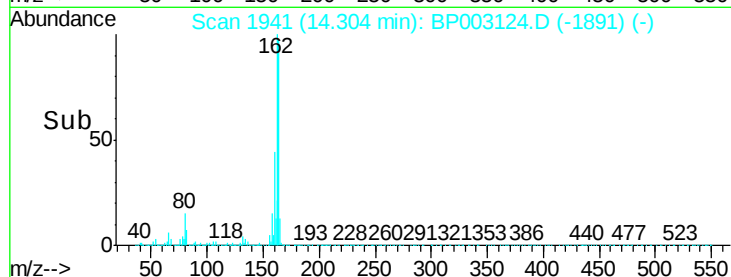
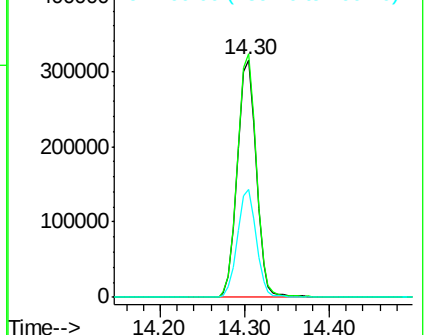
160 45.4 36.0 54.0



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: 76.236 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

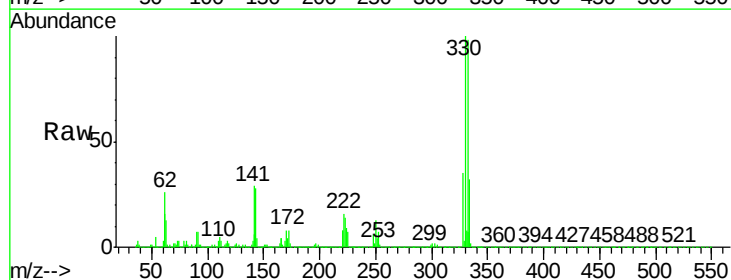
Tgt Ion:330 Resp: 498634

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

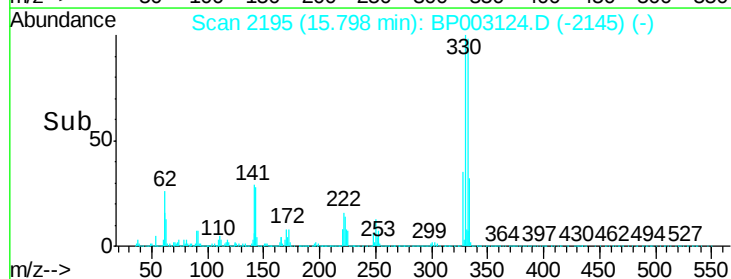
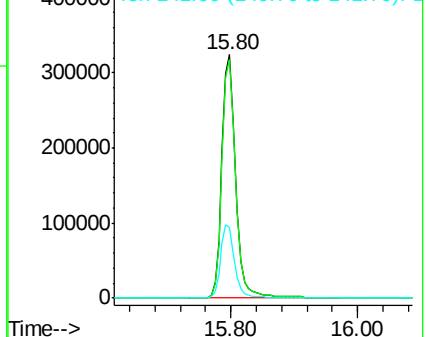
141 30.7 24.4 36.6

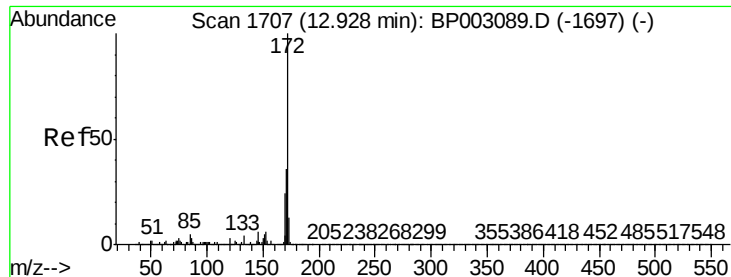


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

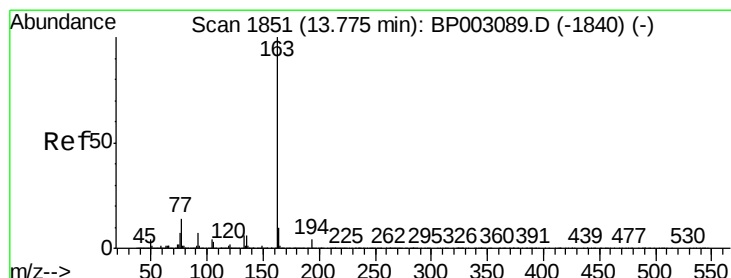
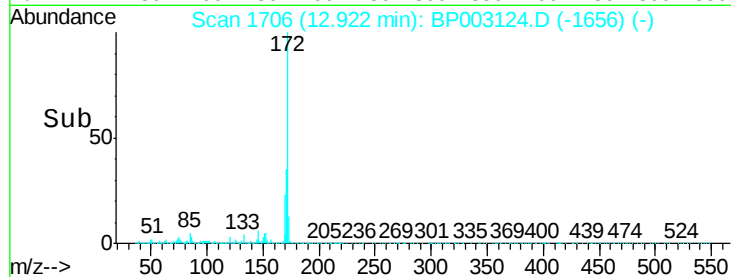
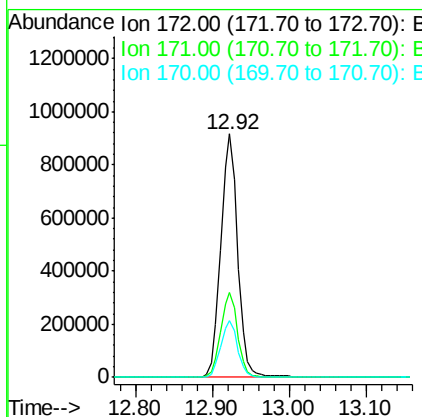
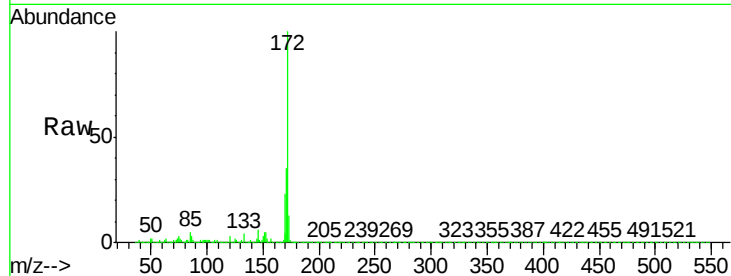




#45
2-Fluorobiphenyl
Concen: 42.237 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

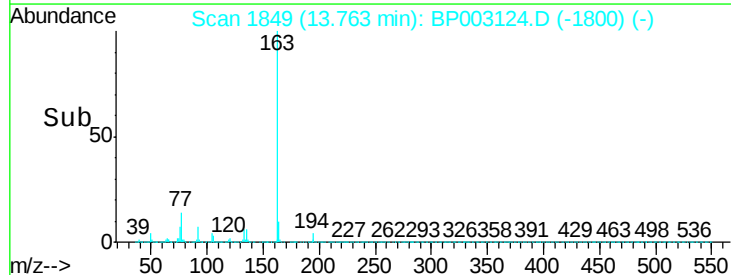
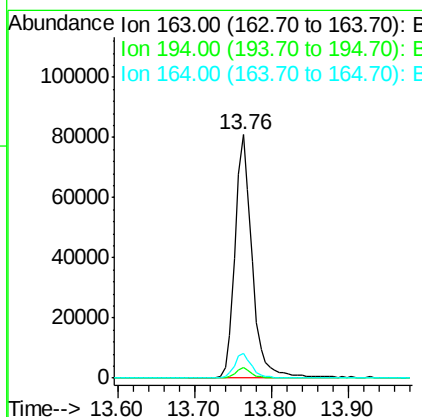
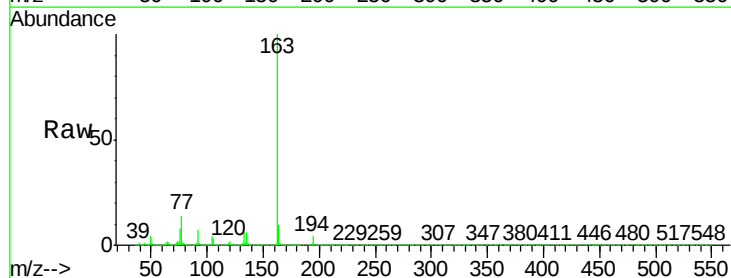
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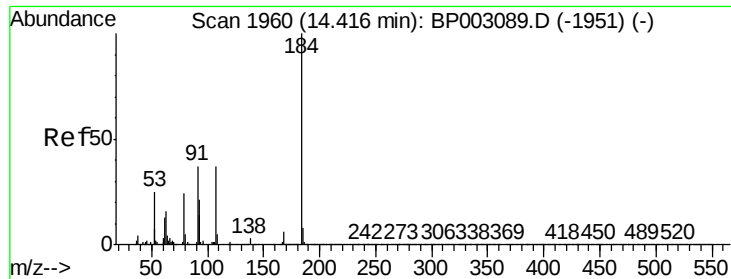
Tot Ion:172 Resp: 1394795
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.2 19.0 28.4



#50
Dimethylphthalate
Concen: 3.443 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

Tgt Ion:163 Resp: 126989
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

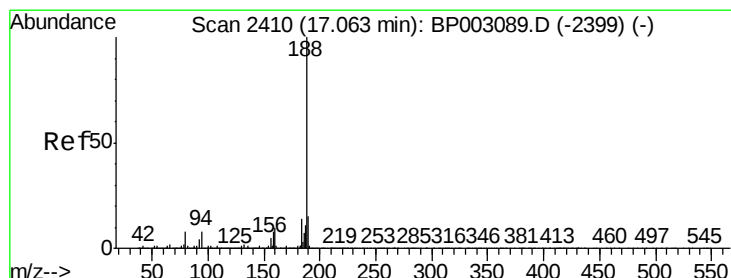
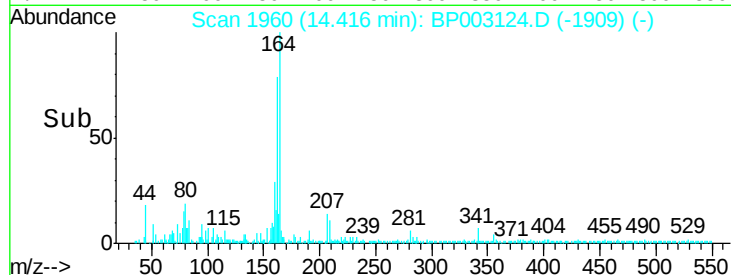
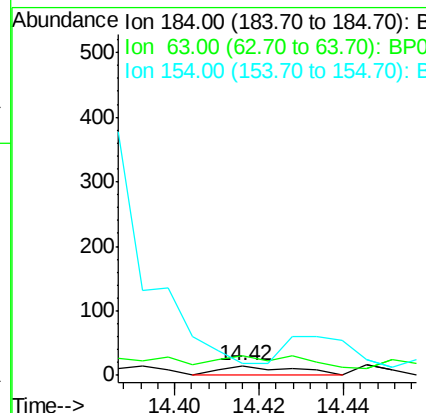
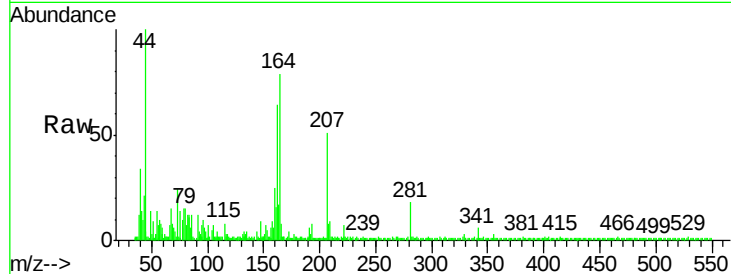




#54
 2,4-Dinitrophenol
 Concen: 7.759 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003124.D
 Acq: 26 Aug 2020 20:52

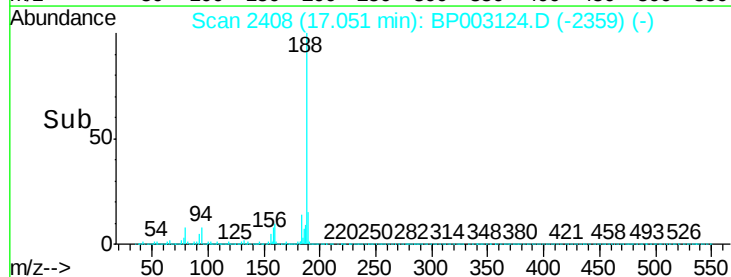
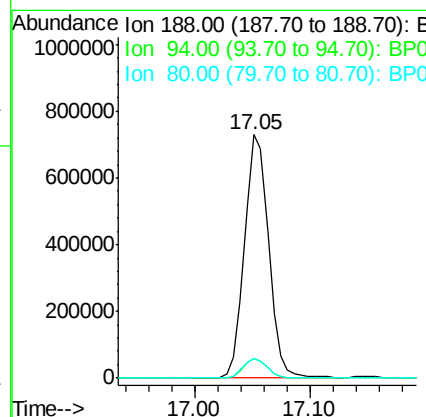
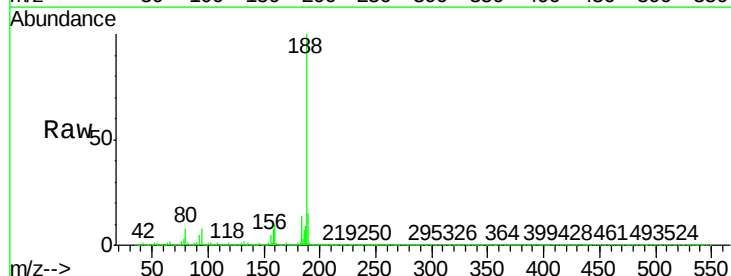
Instrument :
 BNA_P
 ClientSampled :
 336

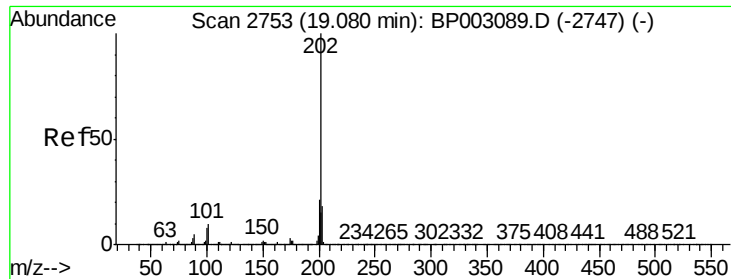
Tot Ion:184 Resp: 18
 Ion Ratio Lower Upper
 184 100
 63 200.0 32.0 48.0#
 154 120.0 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BP003124.D
 Acq: 26 Aug 2020 20:52

Tgt Ion:188 Resp: 1063463
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.2 9.4
 80 8.1 6.4 9.6





#75

Fluoranthene

Concen: 2.999 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

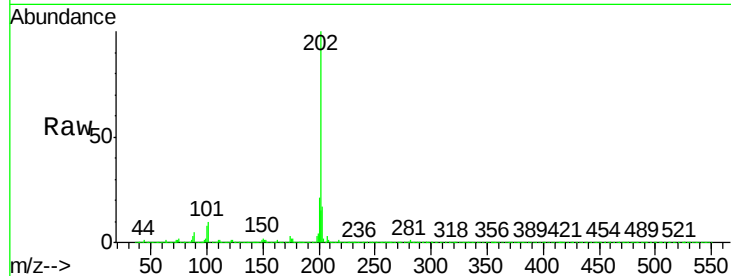
Instrument :

BNA_P

ClientSampleId :

336

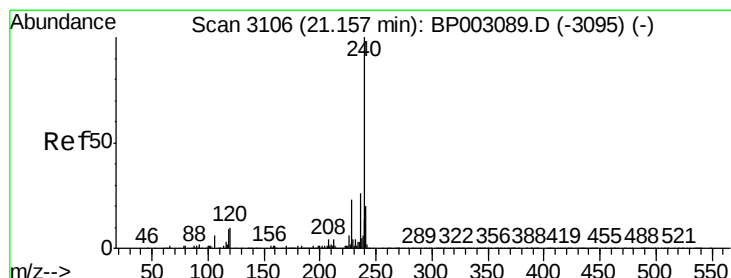
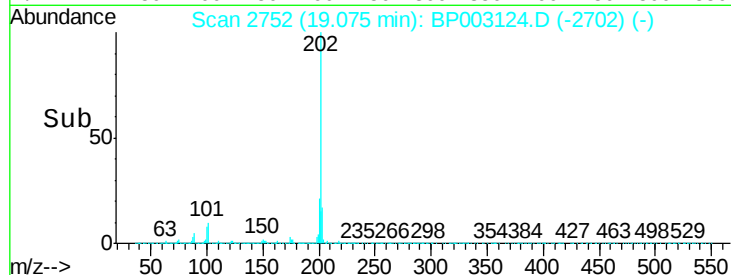
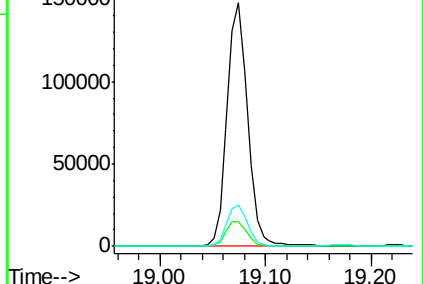
Tot Ion:	202	Resp:	199749
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.0
203	16.9	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

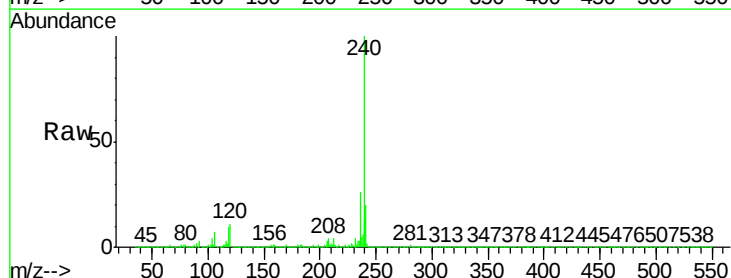
RT: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

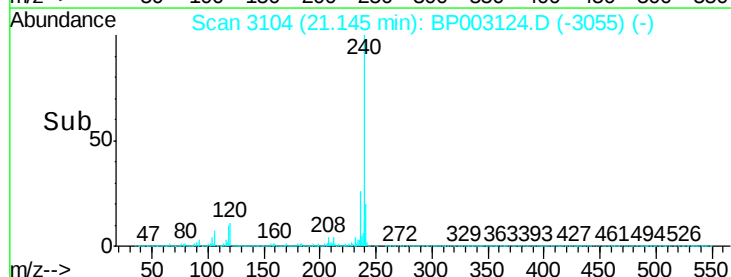
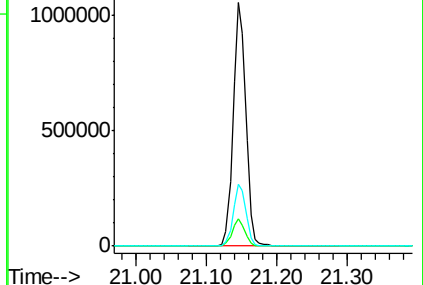
Tgt Ion:	240	Resp:	1311233
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	25.5	20.6	31.0

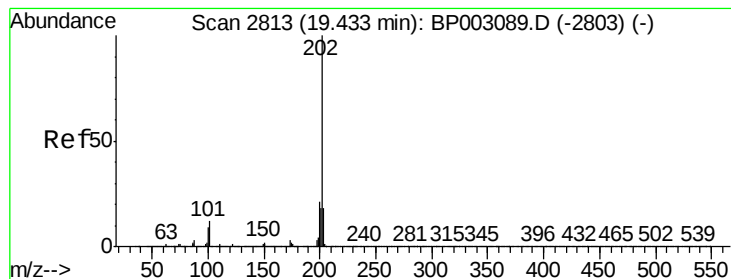


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.075 ng

RT: 19.42 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

Instrument :

BNA_P

ClientSampleId :

336

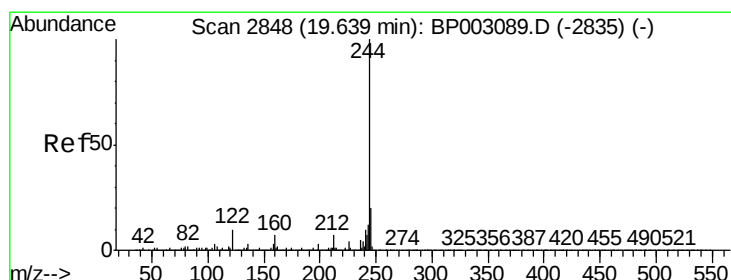
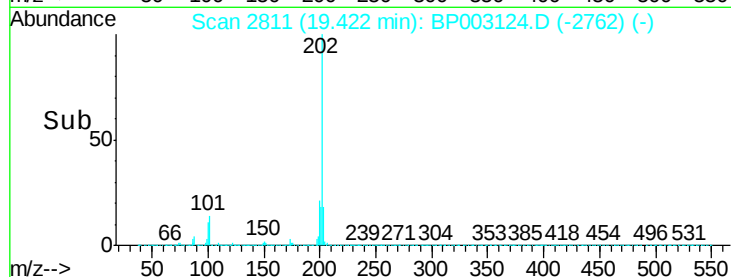
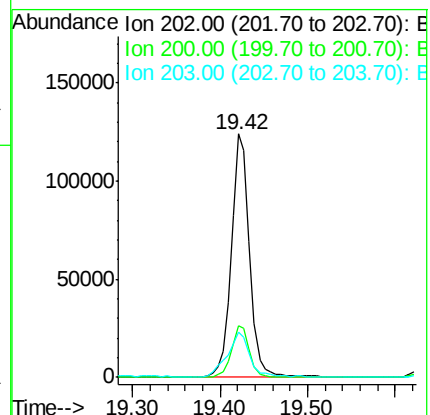
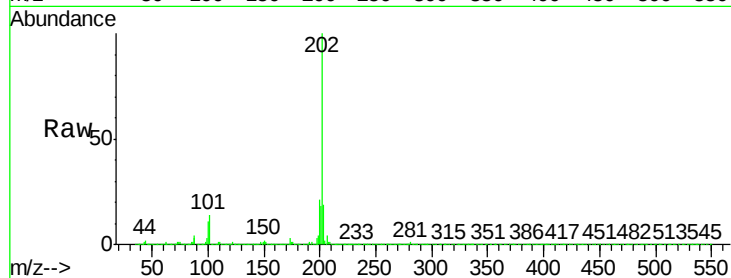
Tot Ion:202 Resp: 176549

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 18.6 14.0 21.0



#79

Terphenyl-d14

Concen: 27.462 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003124.D

Acq: 26 Aug 2020 20:52

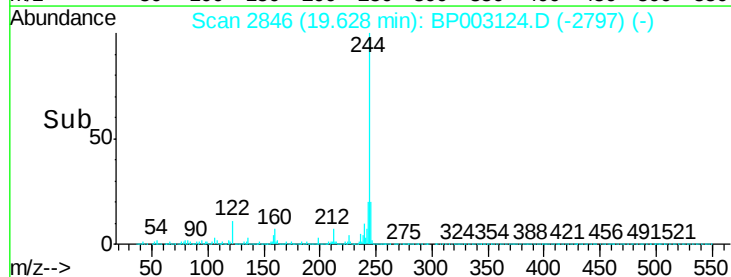
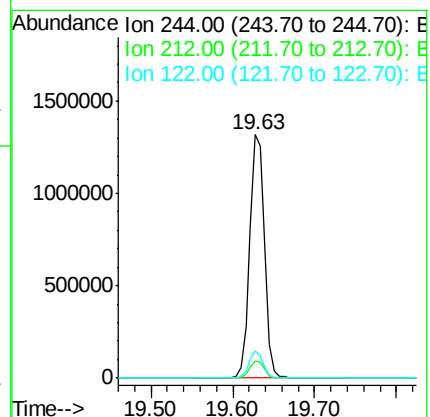
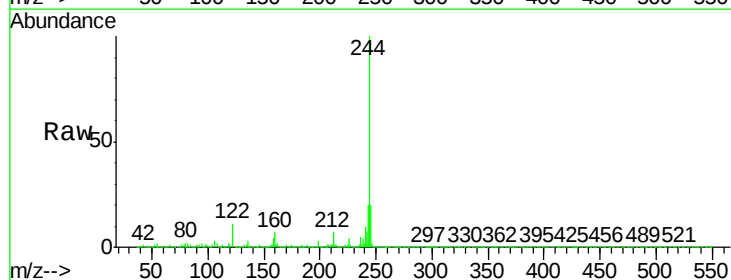
Tgt Ion:244 Resp: 1636473

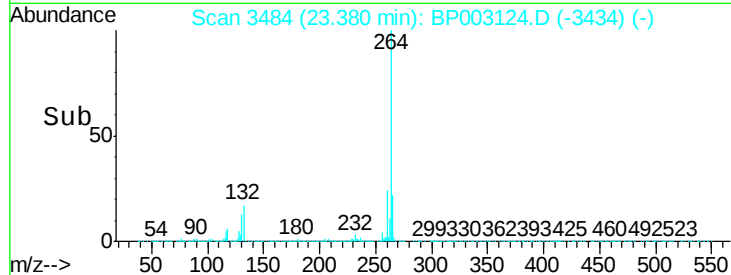
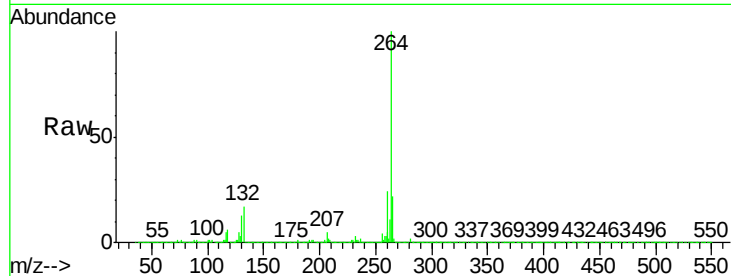
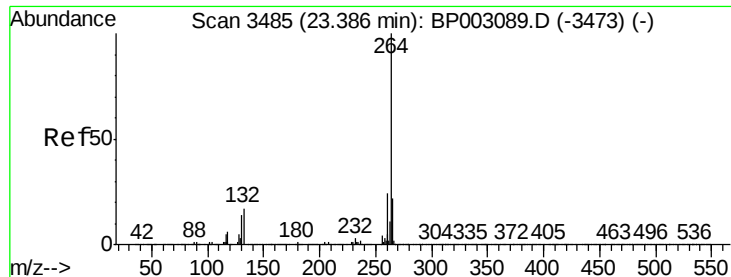
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.0 7.7 11.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003124.D
Acq: 26 Aug 2020 20:52

Instrument :
BNA_P
ClientSampleId :
336

Tot Ion:	264	Resp:	1599699
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.9	17.7	26.5

