

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
 Data File : BP006537.D
 Acq On : 06 Aug 2021 13:46
 Operator : CG/JU
 Sample : M3271-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Aug 06 14:26:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

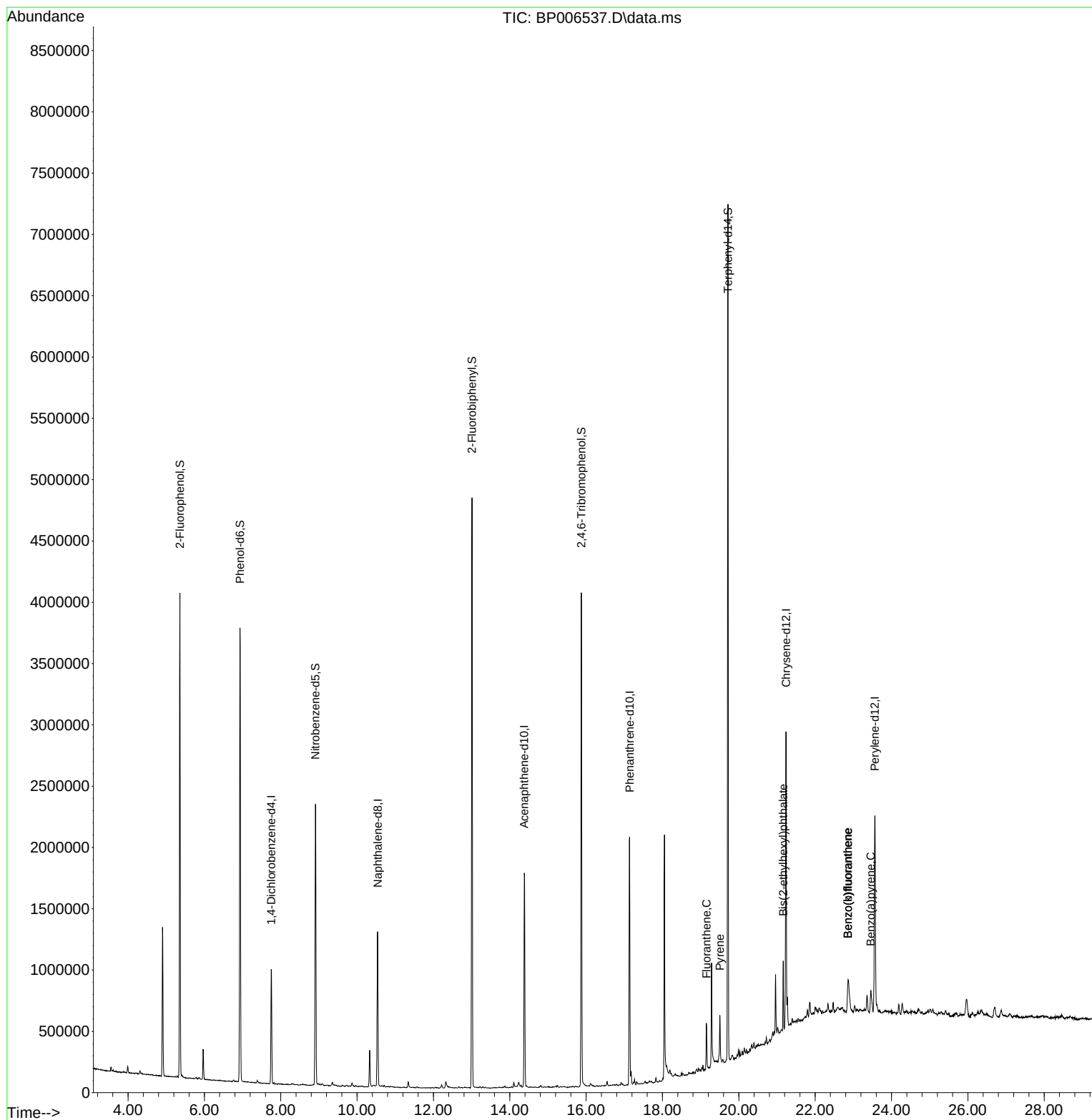
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	235882	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1011664	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	573205	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	1105317	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1010593	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	1051264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1551653	101.036	ng	0.00
7) Phenol-d6	6.934	99	2052321	94.076	ng	0.00
23) Nitrobenzene-d5	8.911	82	1373248	62.655	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	589807	98.455	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2233758	58.304	ng	0.00
79) Terphenyl-d14	19.716	244	2887869	57.260	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.151	202	193511	2.765	ng	94
78) Pyrene	19.504	202	200455	2.970	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	169890	3.809	ng	# 96
88) Benzo(b)fluoranthene	22.857	252	244237	3.575	ng	# 89
89) Benzo(k)fluoranthene	22.857	252	244237	3.723	ng	# 89
90) Benzo(a)pyrene	23.457	252	125960	2.055	ng	# 90

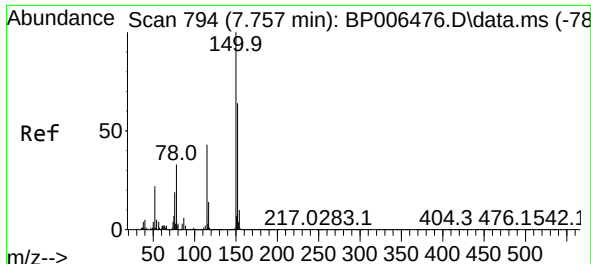
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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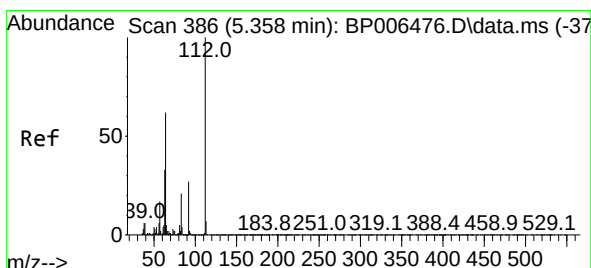
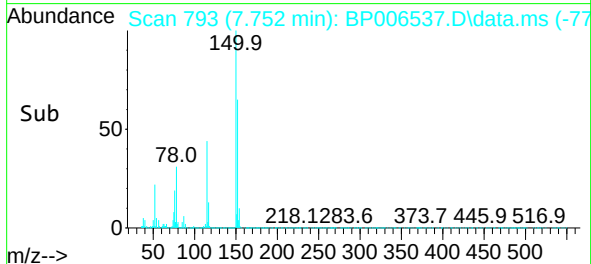
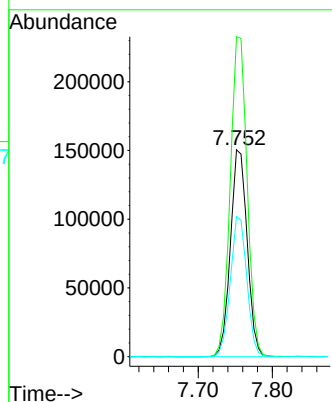
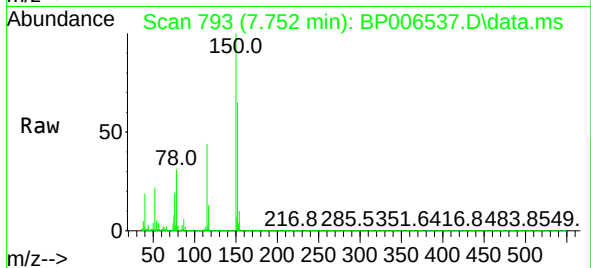




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 793
Delta R.T. -0.005 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

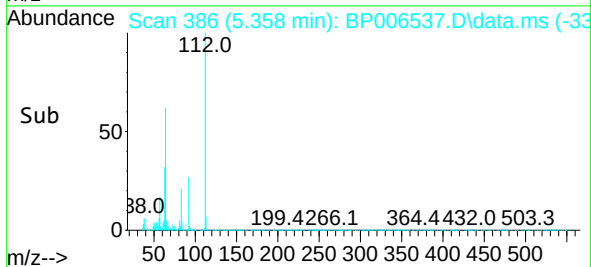
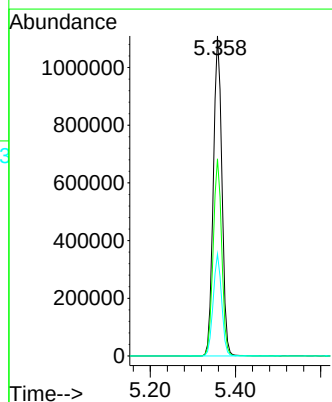
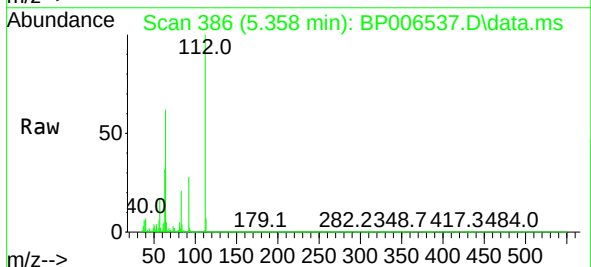
Instrument :
BNA_P
ClientSampled :
TP-3

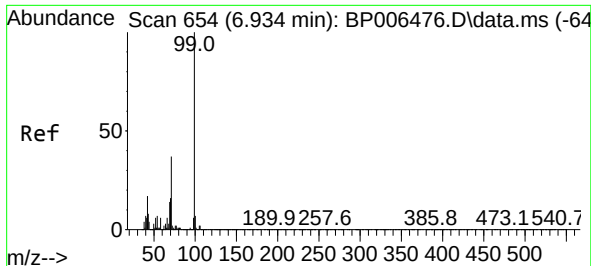
Tgt Ion:152 Resp: 235882
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 67.7 48.5 72.7



#5
2-Fluorophenol
Concen: 101.036 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:112 Resp: 1551653
Ion Ratio Lower Upper
112 100
64 61.6 41.4 62.2
63 31.8 23.8 35.8



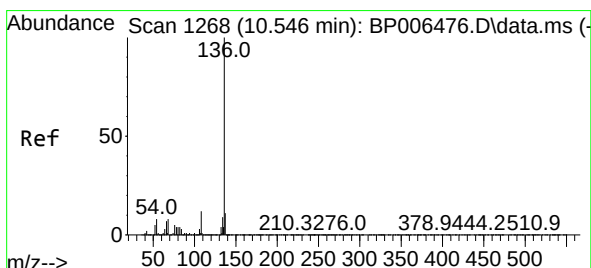
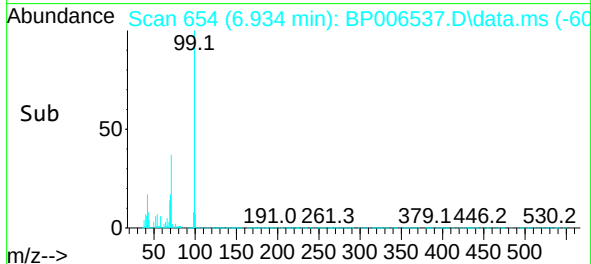
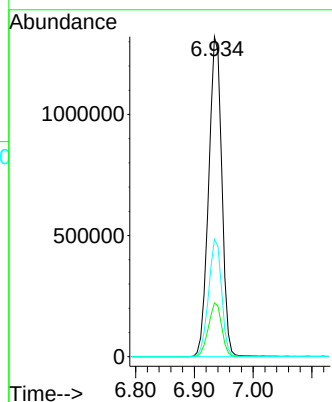
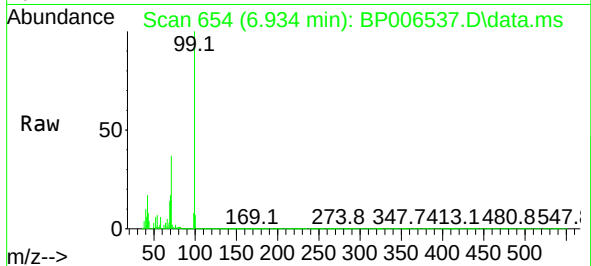


#7
Phenol-d6
Concen: 94.076 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Instrument :
BNA_P
ClientSampled :
TP-3

Tgt Ion: 99 Resp: 2052321

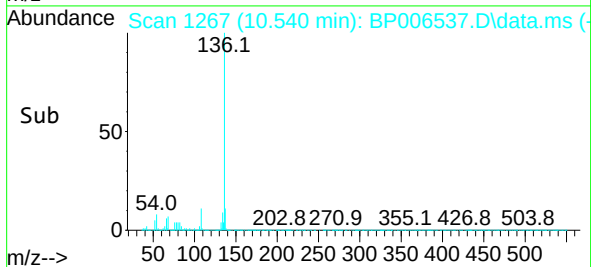
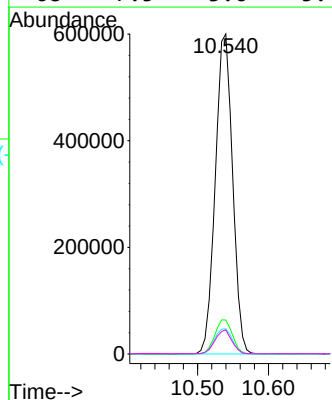
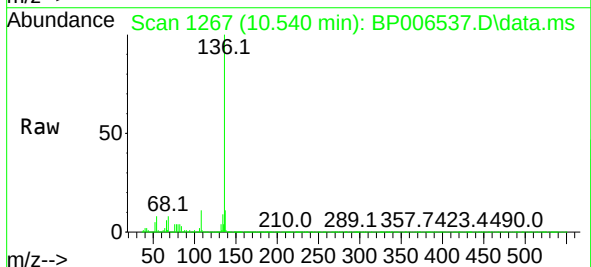
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.7	30.6	46.0

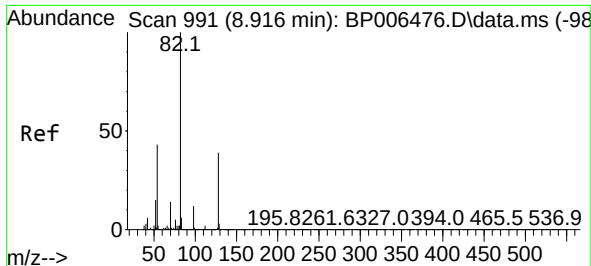


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion: 136 Resp: 1011664

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.8	4.6	6.8#
68	7.5	3.6	5.4#

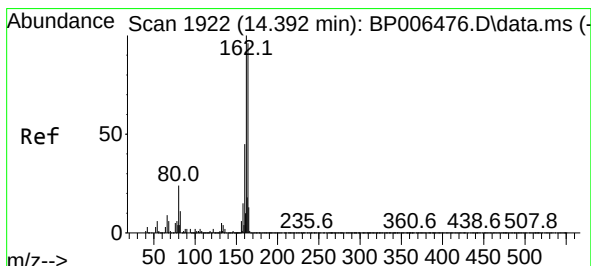
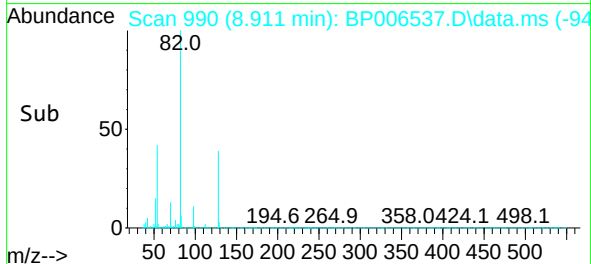
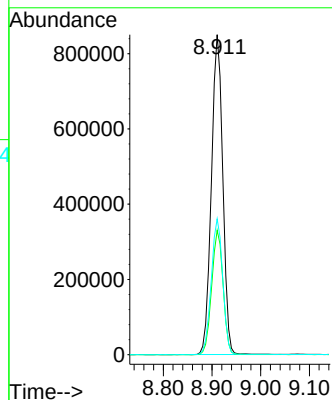
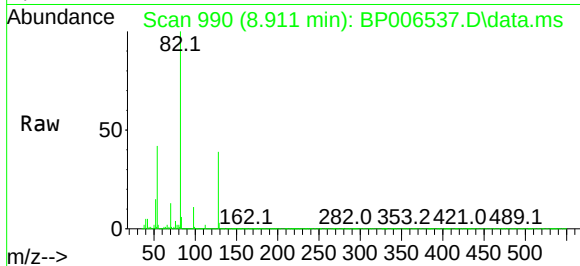




#23
Nitrobenzene-d5
Concen: 62.655 ng
RT: 8.911 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

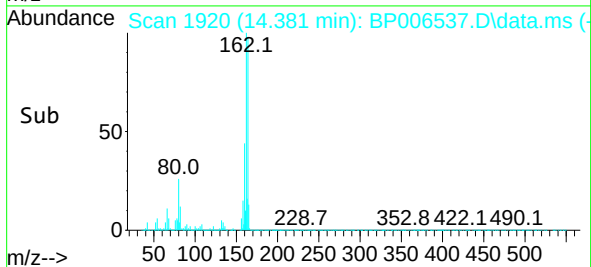
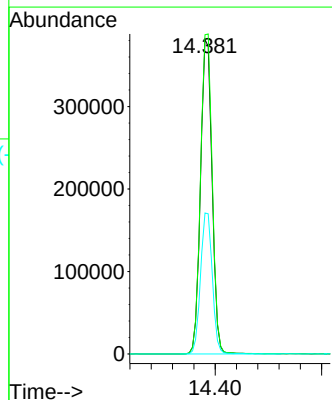
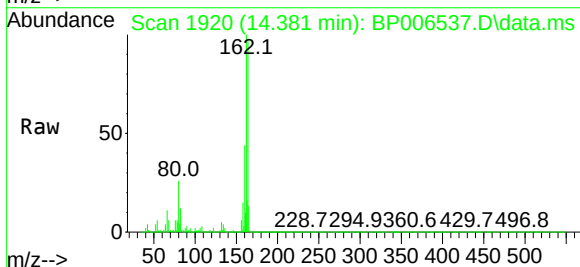
Instrument :
BNA_P
ClientSampled :
TP-3

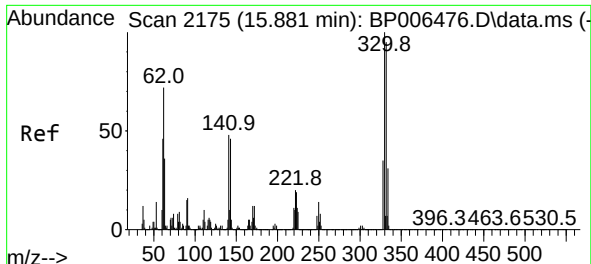
Tgt Ion: 82 Resp: 1373248
Ion Ratio Lower Upper
82 100
128 38.9 35.7 53.5
54 42.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:164 Resp: 573205
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 44.8 34.5 51.7

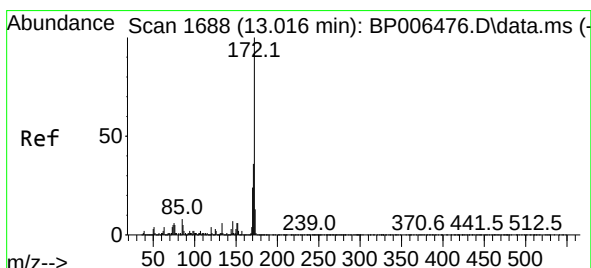
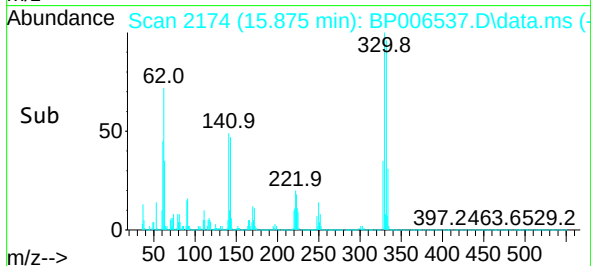
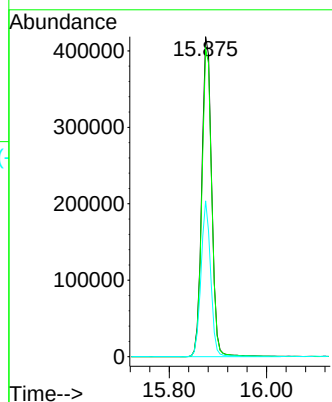
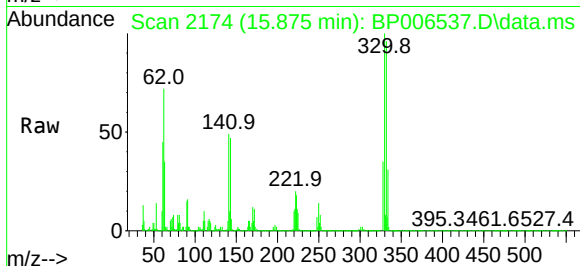




#42
2,4,6-Tribromophenol
Concen: 98.455 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

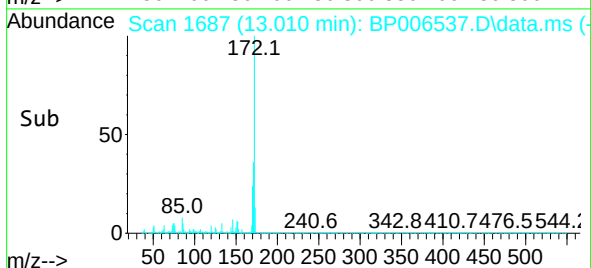
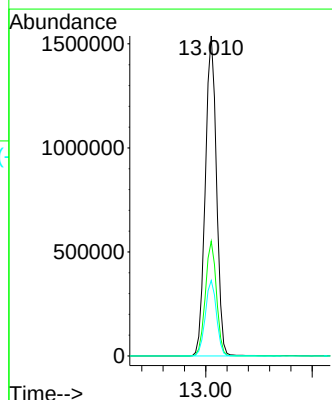
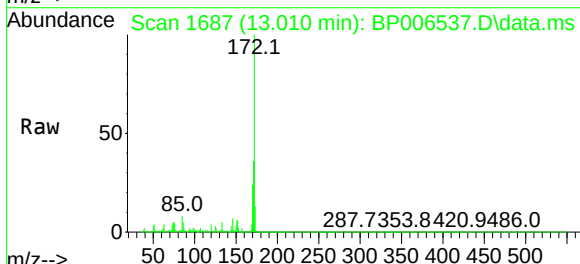
Instrument :
BNA_P
ClientSampled :
TP-3

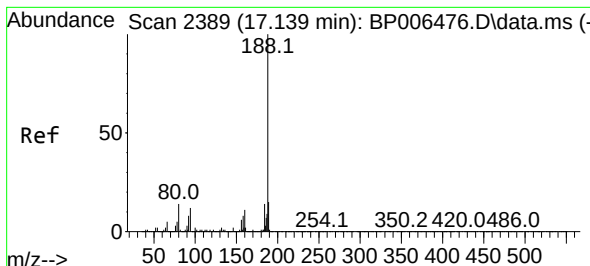
Tgt Ion:330 Resp: 589807
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 47.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 58.304 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:172 Resp: 2233758
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.6 18.6 27.8

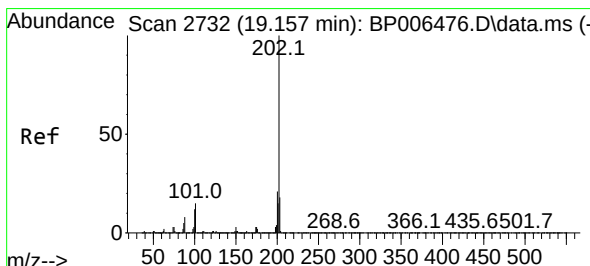
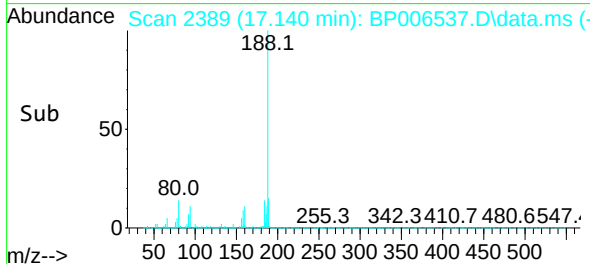
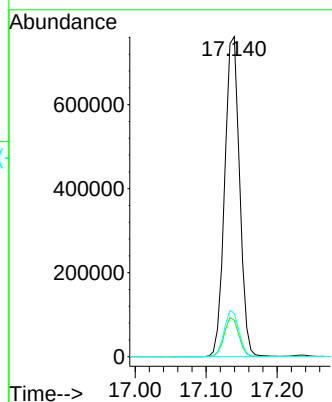
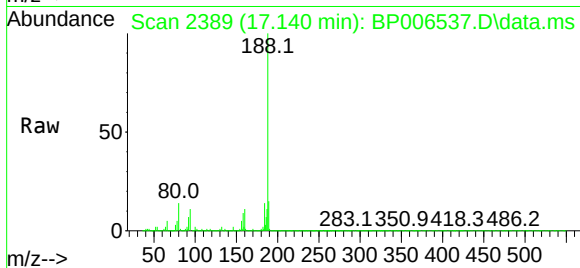




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

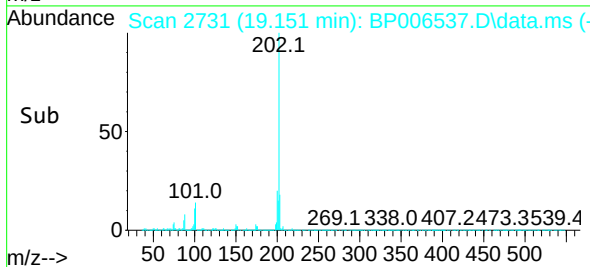
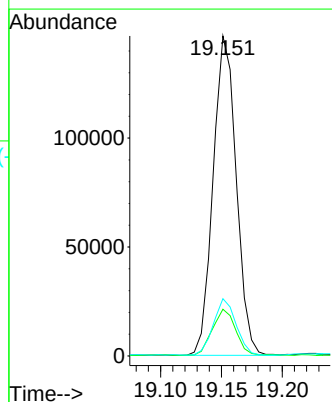
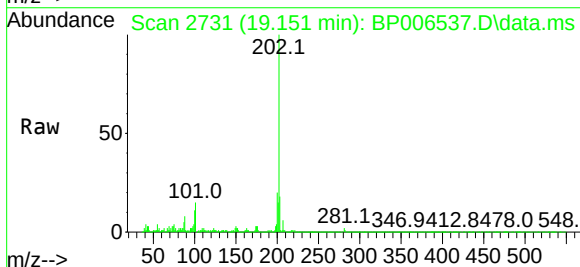
Instrument :
BNA_P
ClientSampled :
TP-3

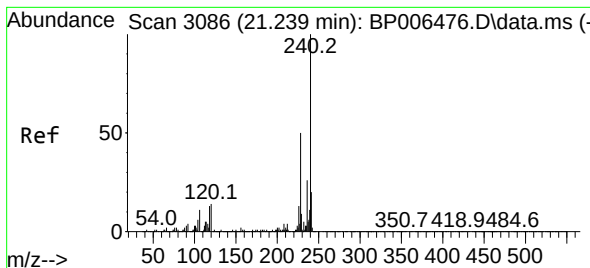
Tgt Ion:188 Resp: 1105317
Ion Ratio Lower Upper
188 100
94 11.4 5.6 8.4#
80 13.6 6.3 9.5#



#75
Fluoranthene
Concen: 2.765 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:202 Resp: 193511
Ion Ratio Lower Upper
202 100
101 14.6 0.0 27.6
203 17.9 0.0 37.8

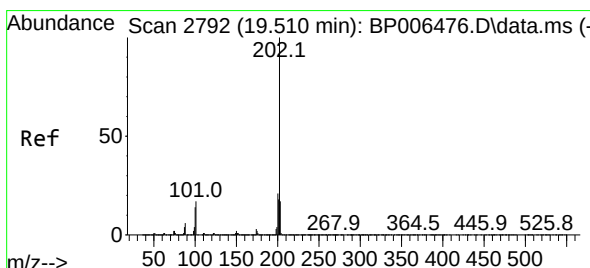
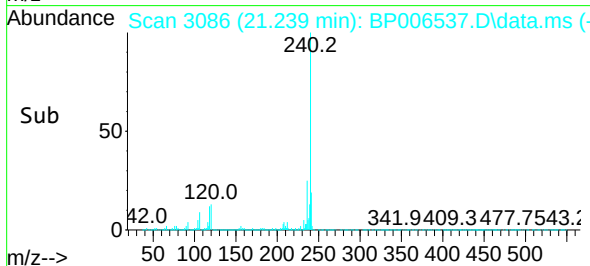
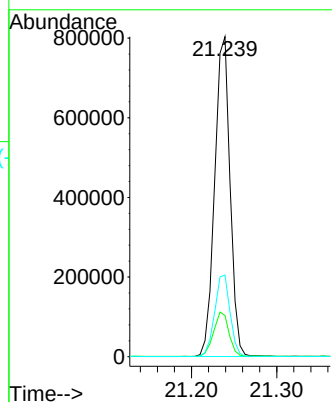
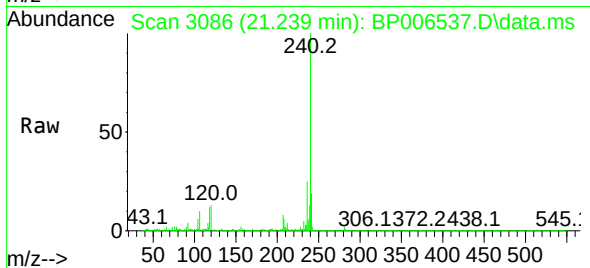




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

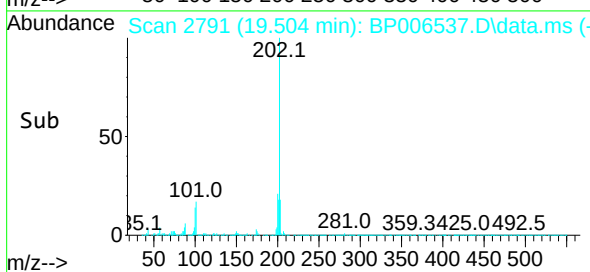
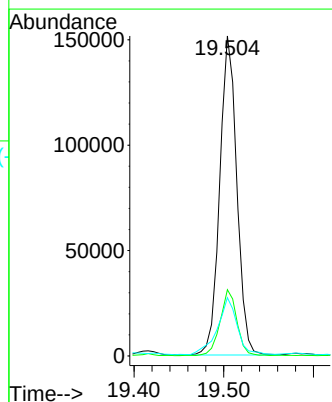
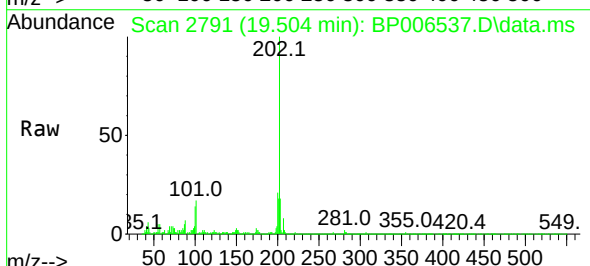
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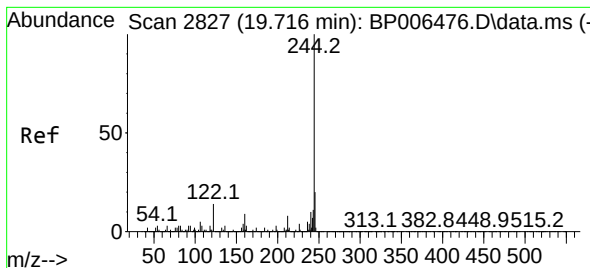
Tgt Ion:240 Resp: 1010593
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 25.5 20.6 31.0



#78
Pyrene
Concen: 2.970 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:202 Resp: 200455
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 18.2 14.2 21.2





#79

Terphenyl-d14

Concen: 57.260 ng

RT: 19.716 min Scan# 2827

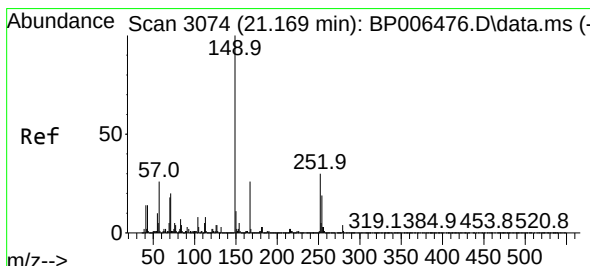
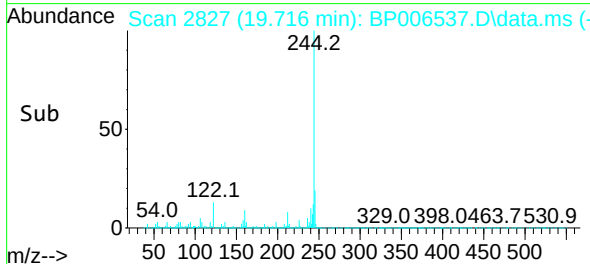
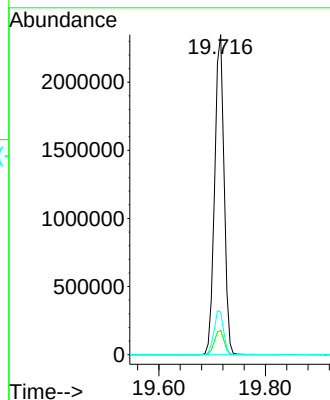
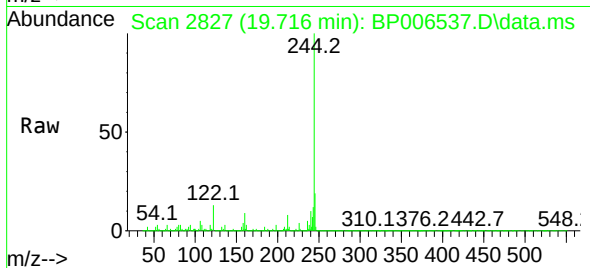
Delta R.T. 0.000 min

Lab File: BP006537.D

Acq: 06 Aug 2021 13:46

Tgt Ion:244 Resp: 2887869

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.3	7.1	10.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.809 ng

RT: 21.163 min Scan# 3073

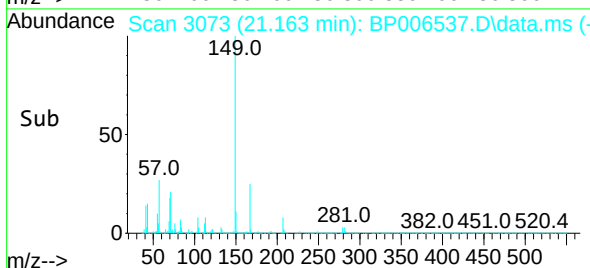
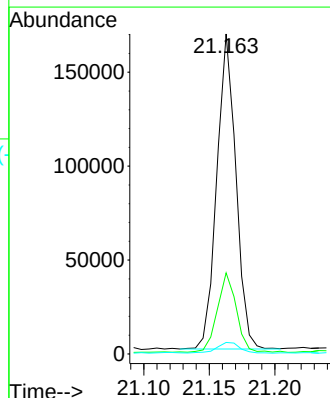
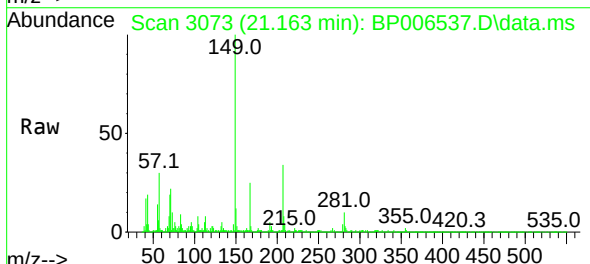
Delta R.T. -0.006 min

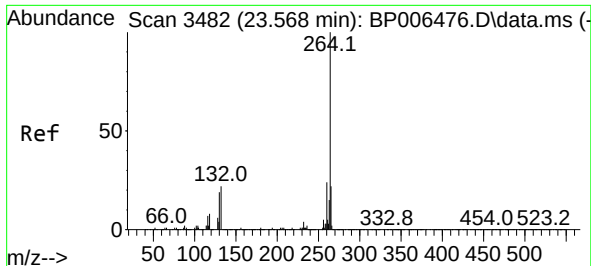
Lab File: BP006537.D

Acq: 06 Aug 2021 13:46

Tgt Ion:149 Resp: 169890

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.9	32.9
279	3.6	4.3	6.5#

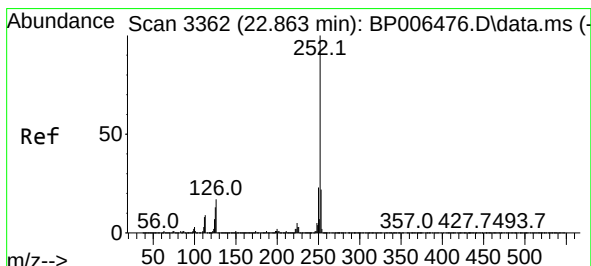
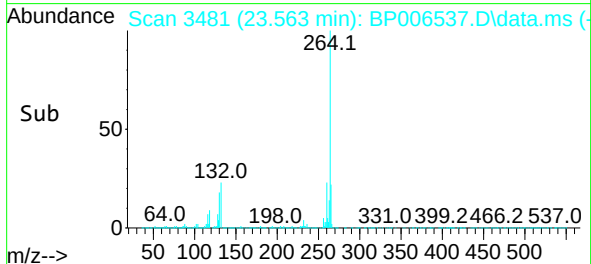
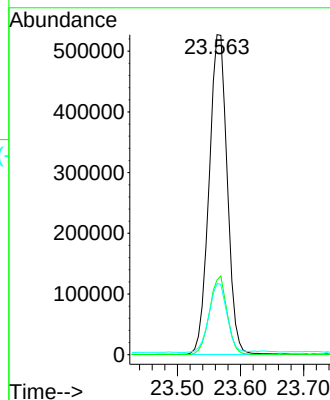
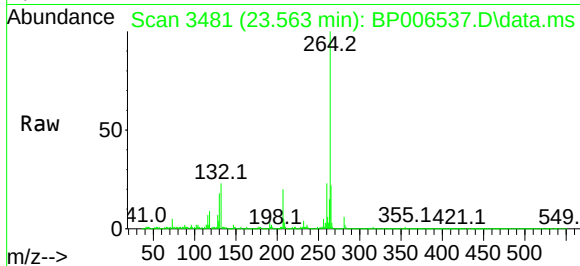




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.563 min Scan# 3481
 Delta R.T. -0.006 min
 Lab File: BP006537.D
 Acq: 06 Aug 2021 13:46

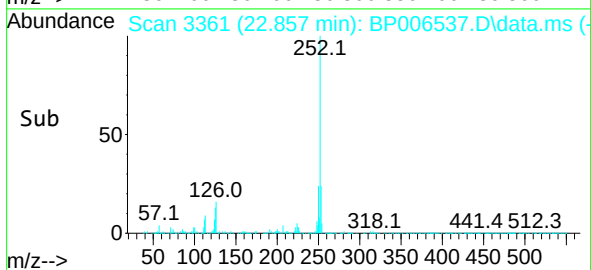
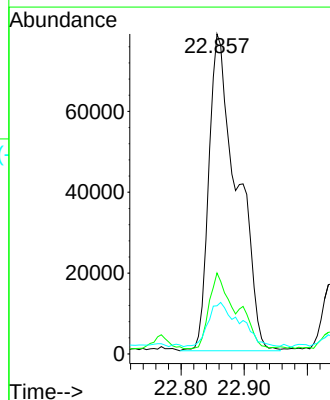
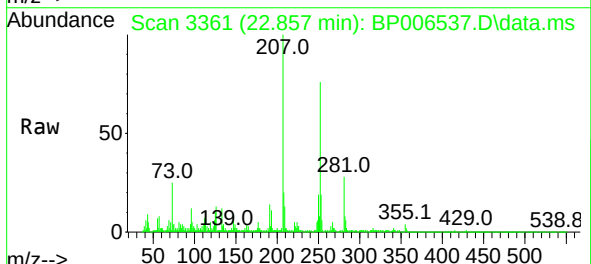
Instrument :
 BNA_P
 ClientSampled :
 TP-3

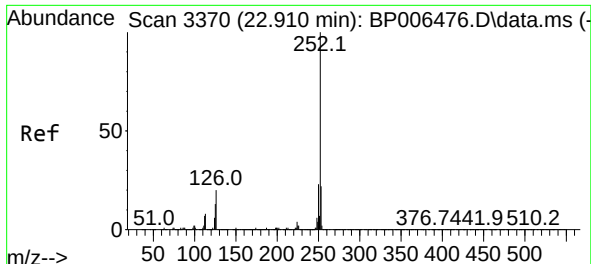
Tgt Ion:264 Resp: 1051264
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.2 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 3.575 ng
 RT: 22.857 min Scan# 3361
 Delta R.T. -0.006 min
 Lab File: BP006537.D
 Acq: 06 Aug 2021 13:46

Tgt Ion:252 Resp: 244237
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.5 26.3
 125 15.0 6.2 9.4#

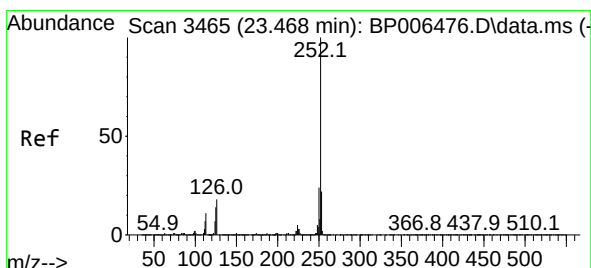
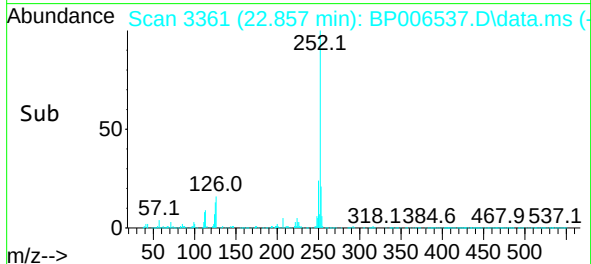
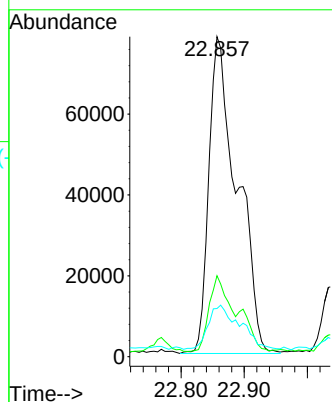
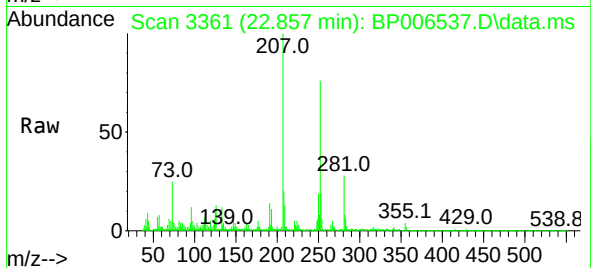




#89
Benzo(k)fluoranthene
Concen: 3.723 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Instrument :
BNA_P
ClientSampled :
TP-3

Tgt Ion:252 Resp: 244237
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 15.0 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.055 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BP006537.D
Acq: 06 Aug 2021 13:46

Tgt Ion:252 Resp: 125960
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 17.3 6.5 9.7#

