

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
 Data File : BP006534.D
 Acq On : 06 Aug 2021 12:04
 Operator : CG/JU
 Sample : M3271-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Aug 06 13:05:19 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)

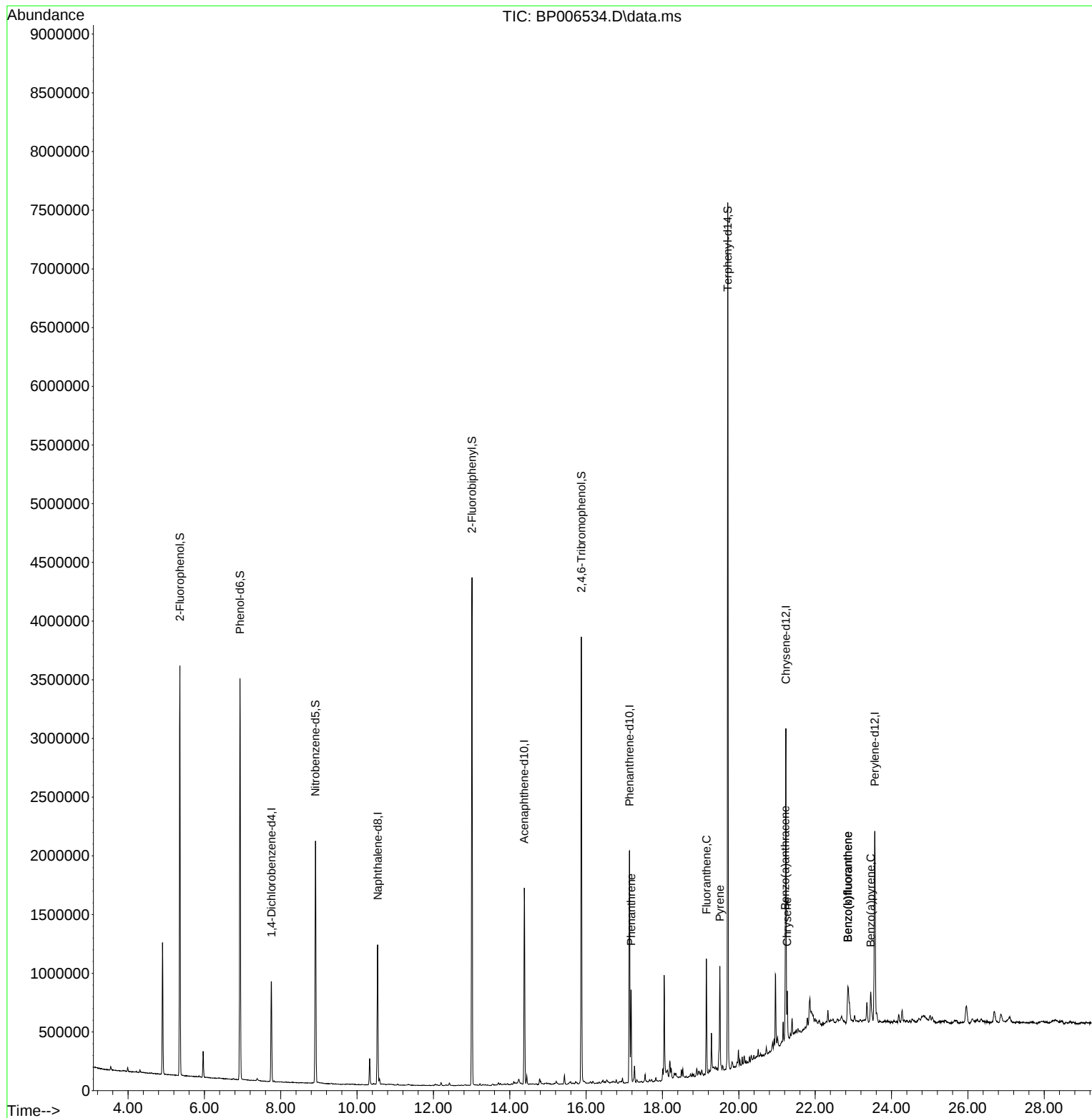
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	216761	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	928035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	533789	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1075433	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	1032168	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	1067927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1382494	97.962	ng	0.00
7) Phenol-d6	6.934	99	1814049	90.489	ng	0.00
23) Nitrobenzene-d5	8.911	82	1218460	60.602	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	546964	98.045	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1983810	55.603	ng	0.00
79) Terphenyl-d14	19.710	244	2880071	55.912	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.181	178	434130	7.157	ng	99
75) Fluoranthene	19.151	202	496564	7.293	ng	93
78) Pyrene	19.504	202	456734	6.625	ng	99
81) Benzo(a)anthracene	21.216	228	211983	3.143	ng	99
83) Chrysene	21.269	228	197730	3.024	ng	98
88) Benzo(b)fluoranthene	22.857	252	240440	3.464	ng	# 91
89) Benzo(k)fluoranthene	22.857	252	240440	3.608	ng	# 92
90) Benzo(a)pyrene	23.457	252	173905	2.793	ng	# 93

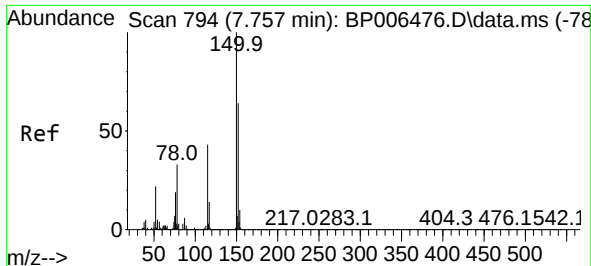
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
ClientSampleId :
TP-4

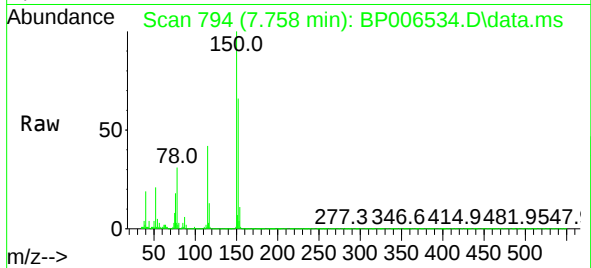
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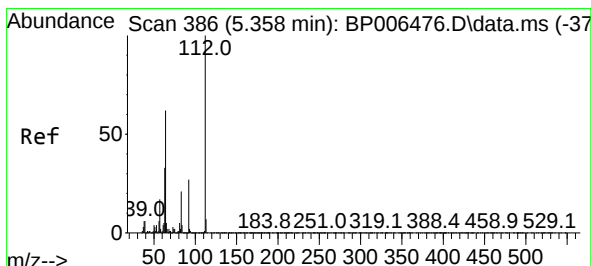
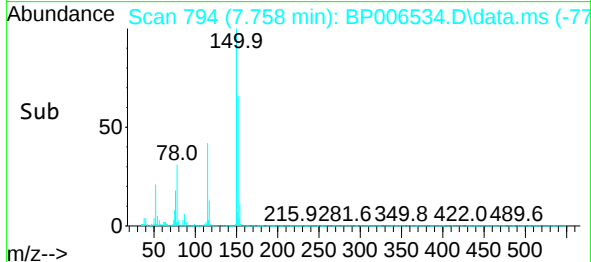
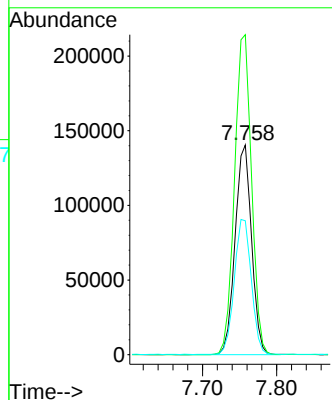


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Instrument :
BNA_P
ClientSampled :
TP-4

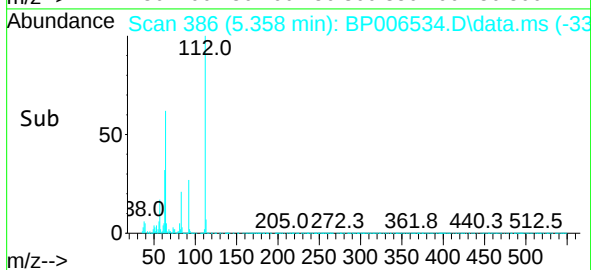
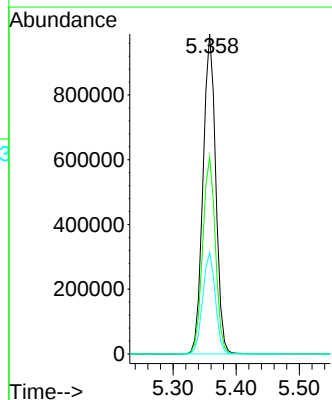
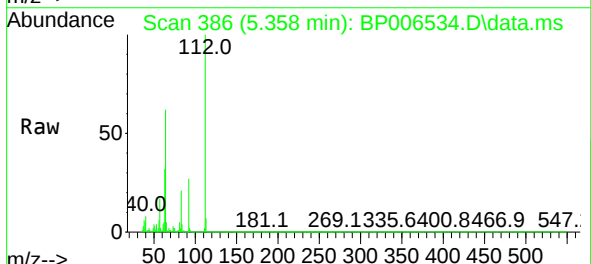


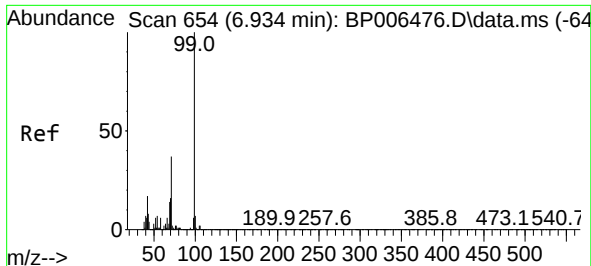
Tgt Ion:152 Resp: 216761
Ion Ratio Lower Upper
152 100
150 152.5 125.6 188.4
115 63.8 48.5 72.7



#5
2-Fluorophenol
Concen: 97.962 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:112 Resp: 1382494
Ion Ratio Lower Upper
112 100
64 61.6 41.4 62.2
63 31.6 23.8 35.8

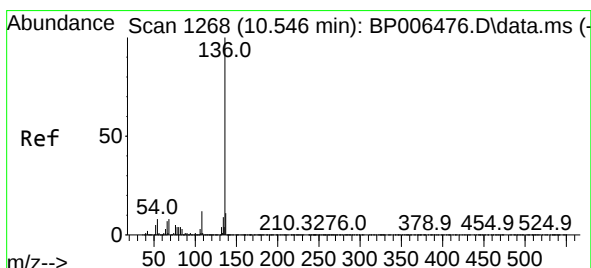
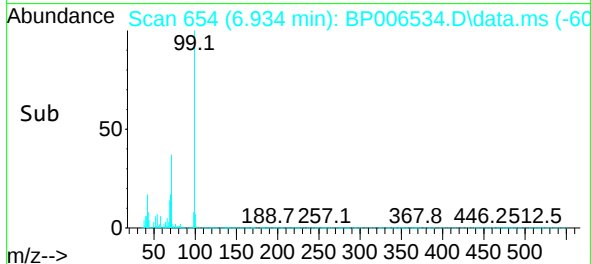
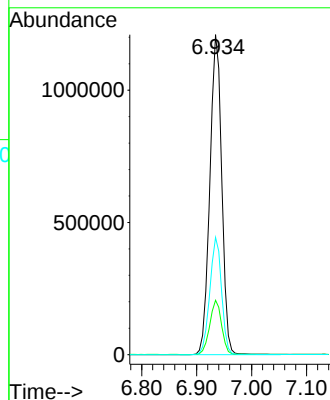
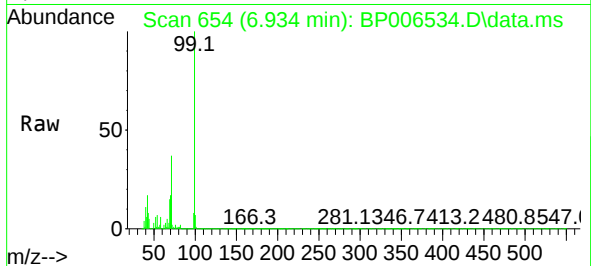




#7
Phenol-d6
Concen: 90.489 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

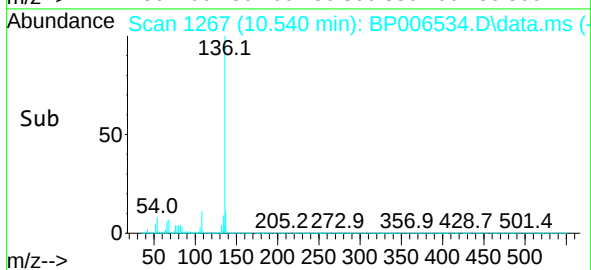
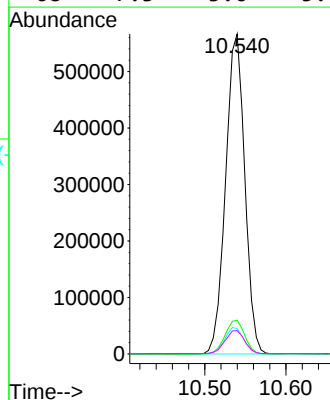
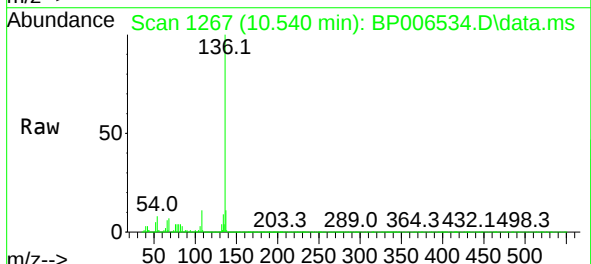
Instrument :
BNA_P
ClientSampleId :
TP-4

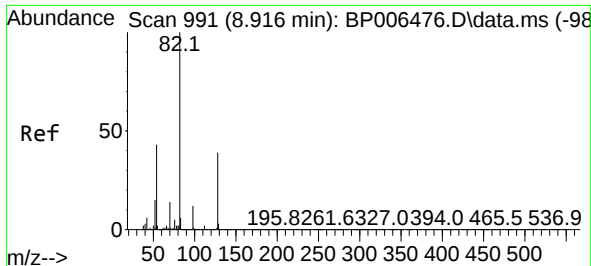
Tgt Ion: 99 Resp: 1814049
Ion Ratio Lower Upper
99 100
42 17.0 13.4 20.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion: 136 Resp: 928035
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.0 4.6 6.8#
68 7.3 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 60.602 ng

RT: 8.911 min Scan# 990

Delta R.T. -0.006 min

Lab File: BP006534.D

Acq: 06 Aug 2021 12:04

Instrument :

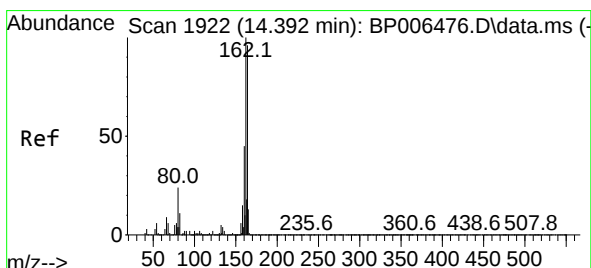
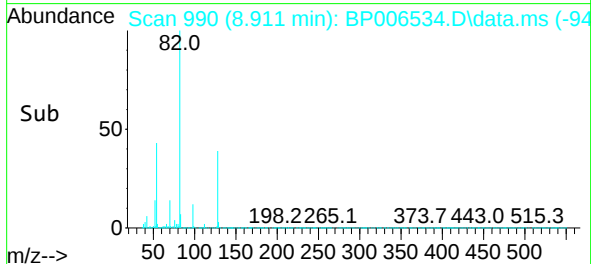
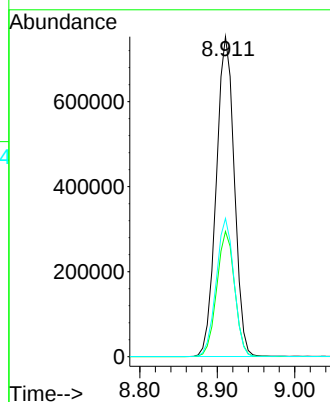
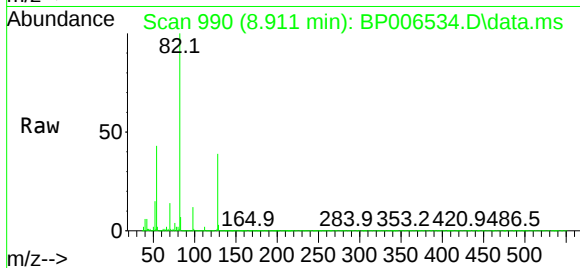
BNA_P

ClientSampleId :

TP-4

Tgt Ion: 82 Resp: 1218460

Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.7	53.5
54	43.2	35.0	52.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1920

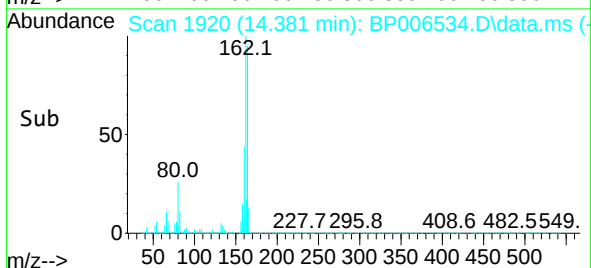
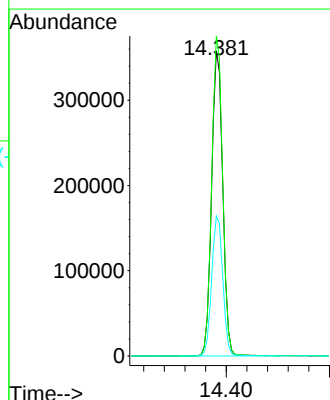
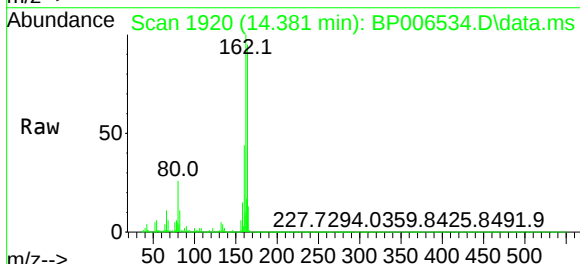
Delta R.T. -0.012 min

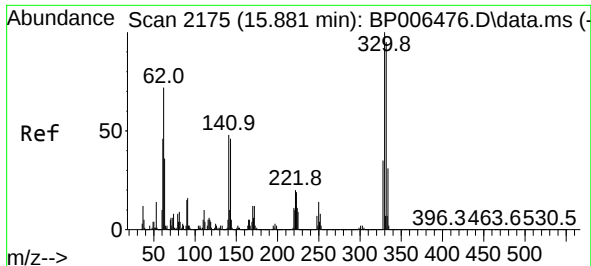
Lab File: BP006534.D

Acq: 06 Aug 2021 12:04

Tgt Ion:164 Resp: 533789

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	45.9	34.5	51.7

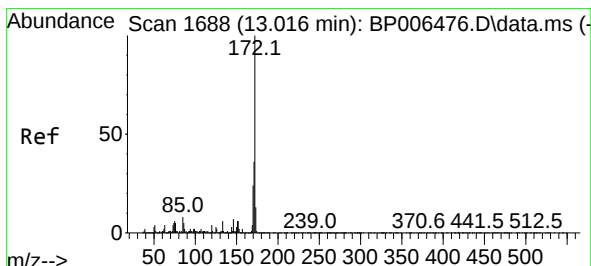
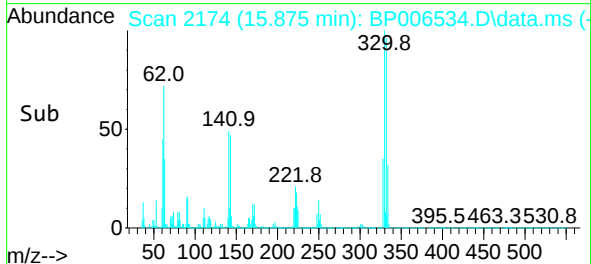
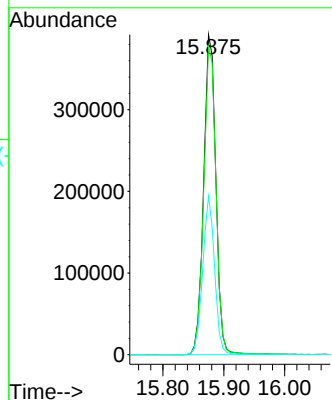
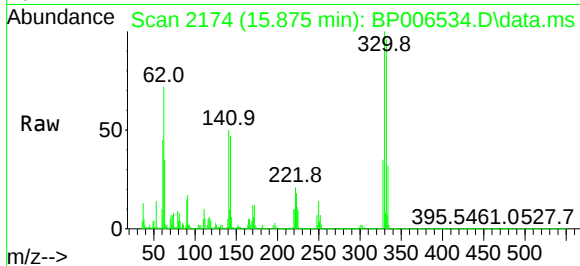




#42
2,4,6-Tribromophenol
Concen: 98.045 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

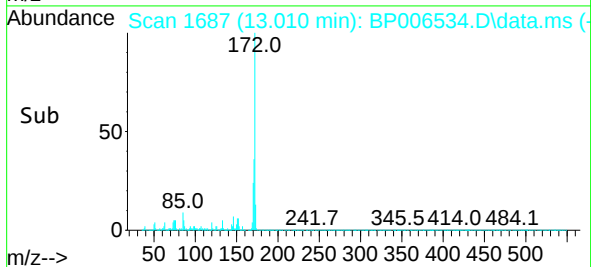
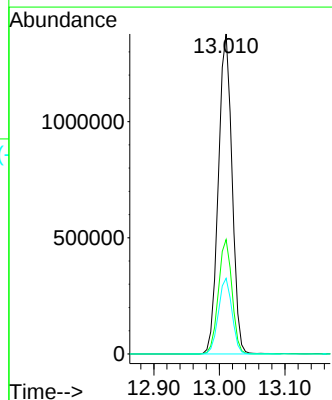
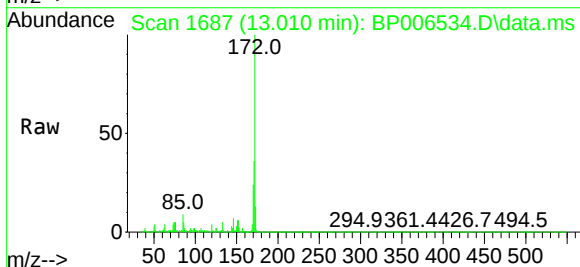
Instrument :
BNA_P
ClientSampled :
TP-4

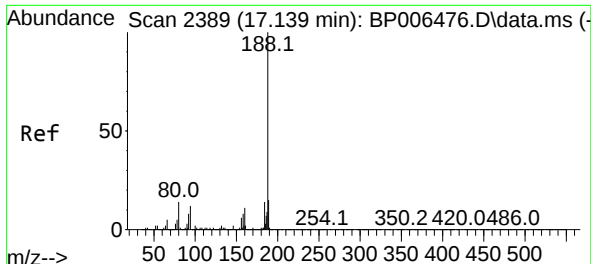
Tgt Ion:330 Resp: 546964
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 48.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 55.603 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:172 Resp: 1983810
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8

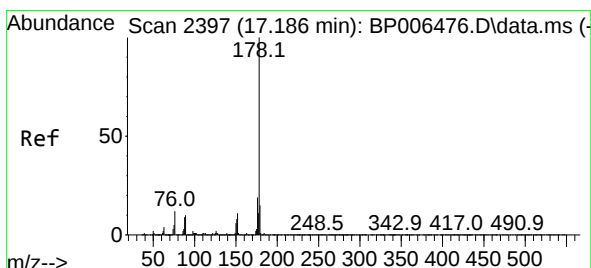
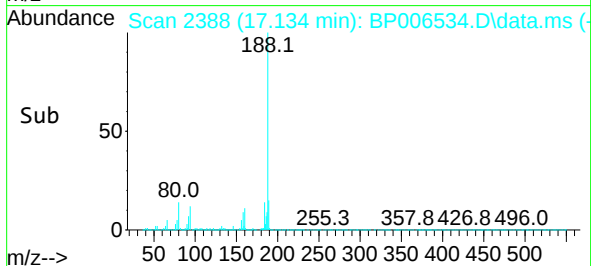
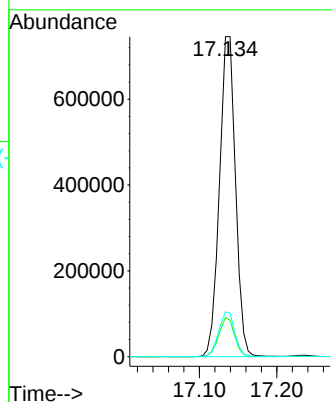
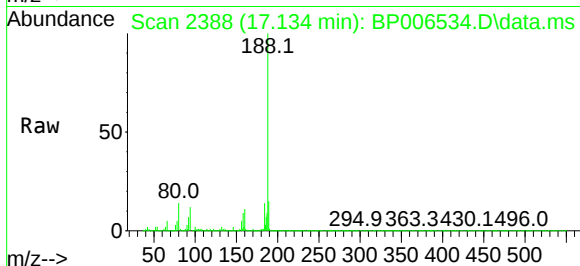




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

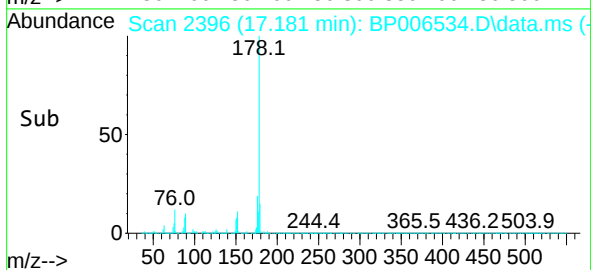
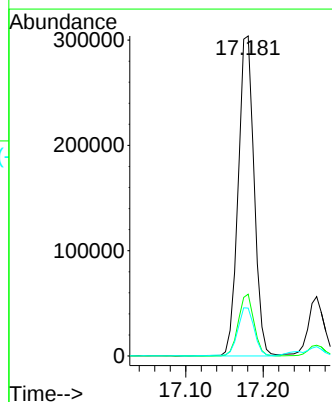
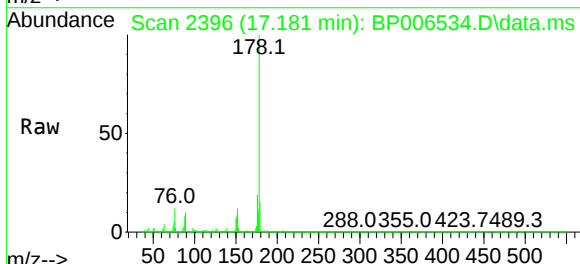
Instrument :
BNA_P
ClientSampled :
TP-4

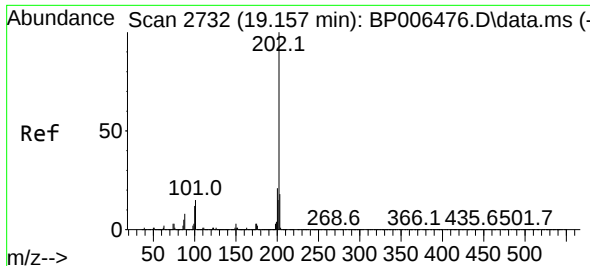
Tgt Ion:188 Resp: 1075433
Ion Ratio Lower Upper
188 100
94 12.3 5.6 8.4#
80 14.0 6.3 9.5#



#71
Phenanthrene
Concen: 7.157 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:178 Resp: 434130
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.0 12.4 18.6

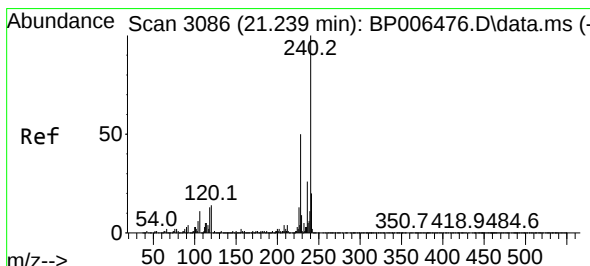
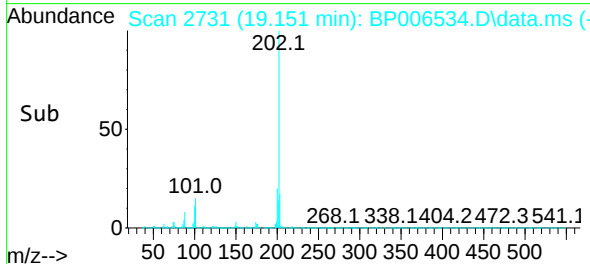
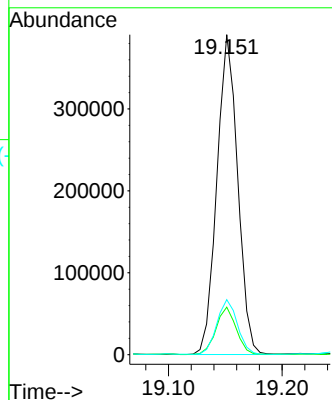
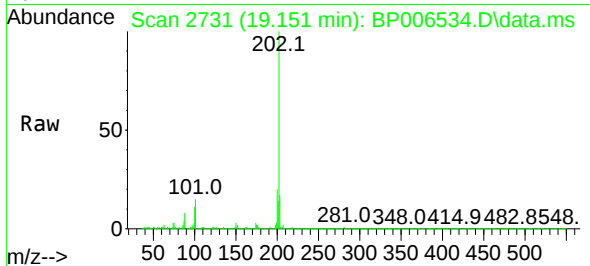




#75
Fluoranthene
Concen: 7.293 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

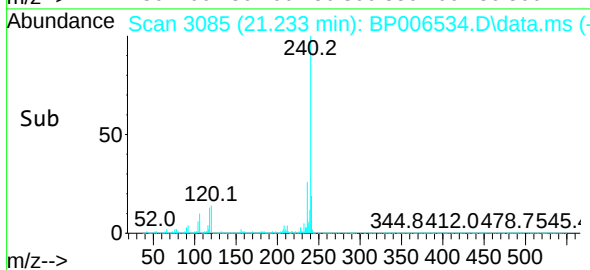
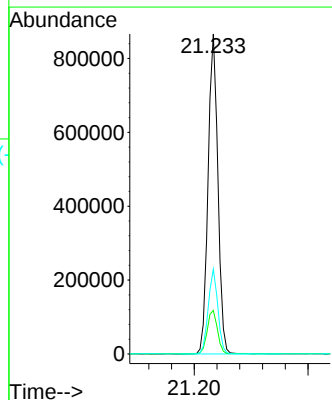
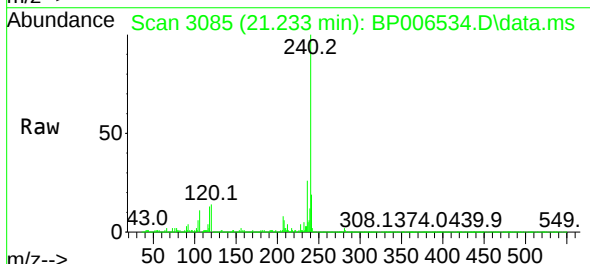
Instrument :
BNA_P
ClientSampled :
TP-4

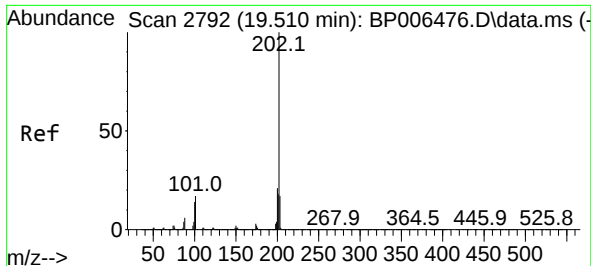
Tgt Ion:	202	Resp:	496564
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	27.6
203	17.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:	240	Resp:	1032168
Ion Ratio	Lower	Upper	
240	100		
120	13.6	6.5	9.7#
236	26.5	20.6	31.0

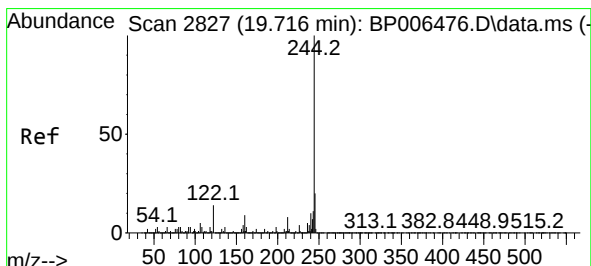
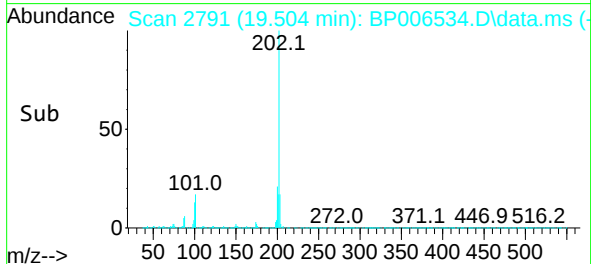
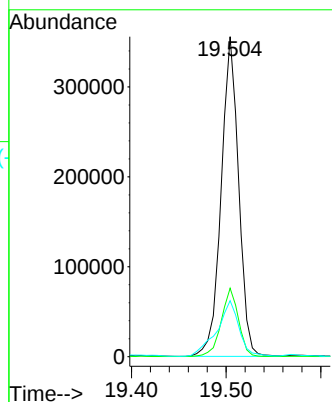
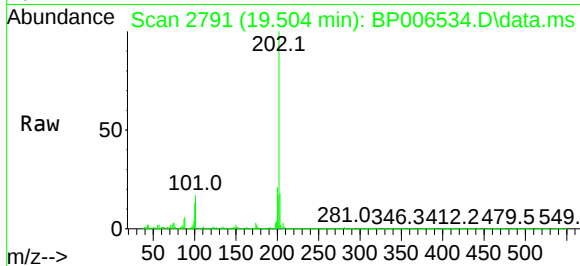




#78
Pyrene
Concen: 6.625 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

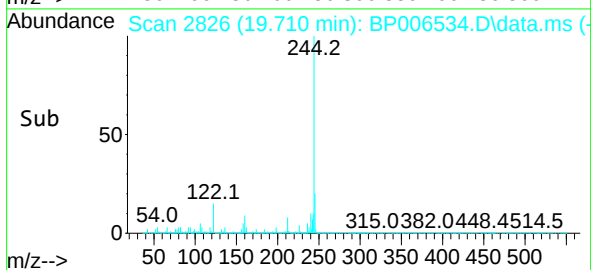
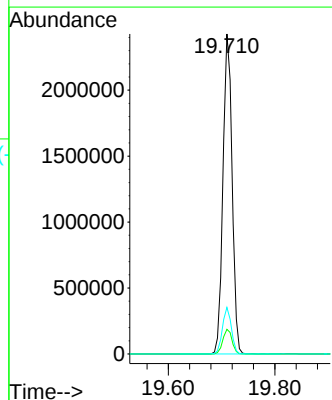
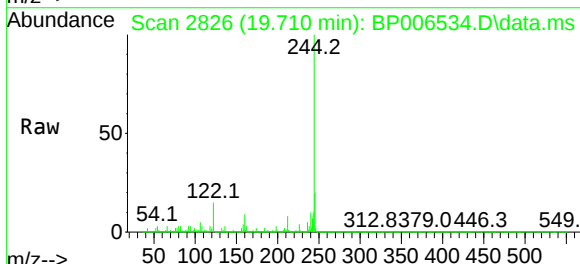
Instrument :
BNA_P
ClientSampled :
TP-4

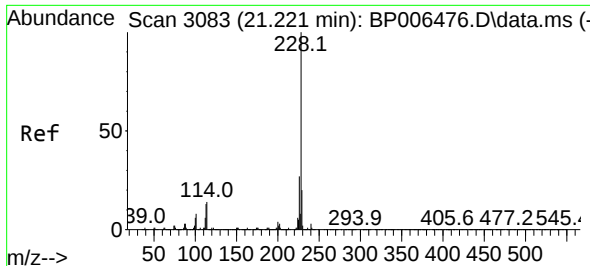
Tgt Ion:202 Resp: 456734
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.5 14.2 21.2



#79
Terphenyl-d14
Concen: 55.912 ng
RT: 19.710 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:244 Resp: 2880071
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 14.6 7.1 10.7#

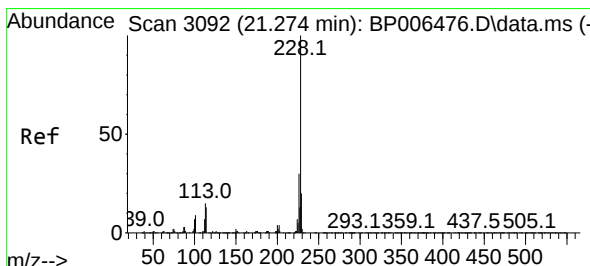
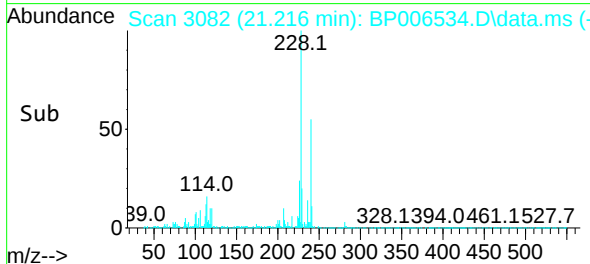
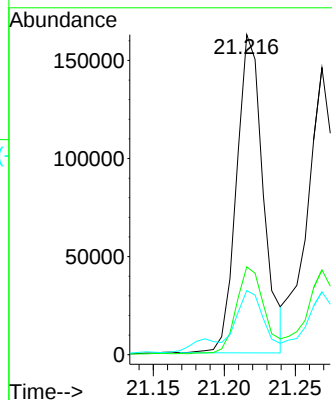
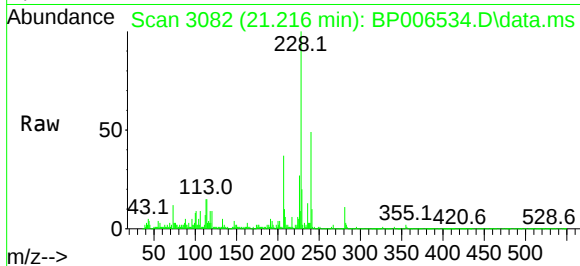




#81
Benzo(a)anthracene
Concen: 3.143 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

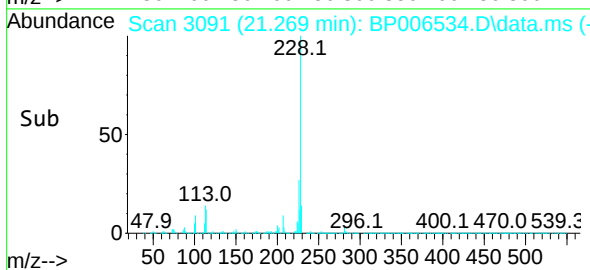
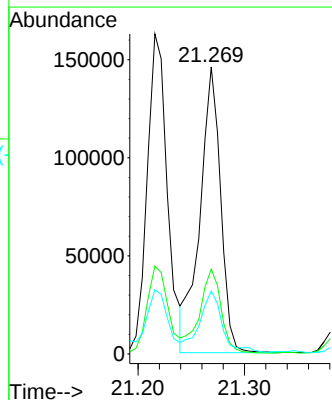
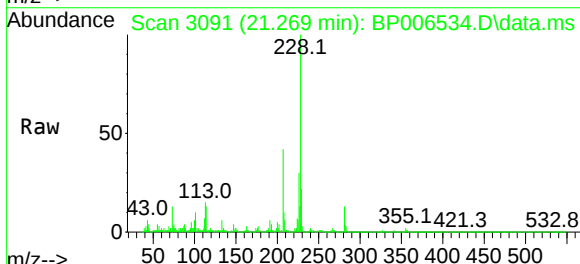
Instrument :
BNA_P
ClientSampled :
TP-4

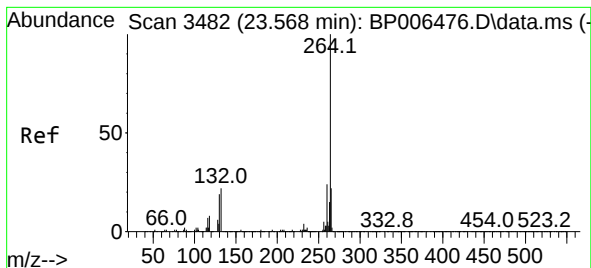
Tgt Ion:228 Resp: 211983
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.0 15.8 23.6



#83
Chrysene
Concen: 3.024 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:228 Resp: 197730
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 21.9 15.4 23.2

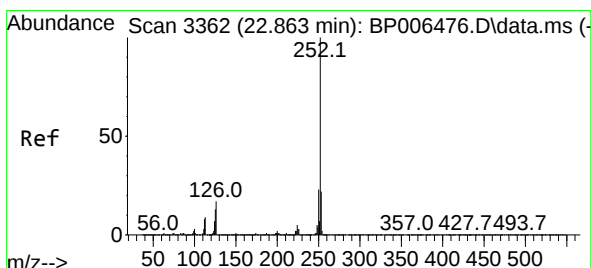
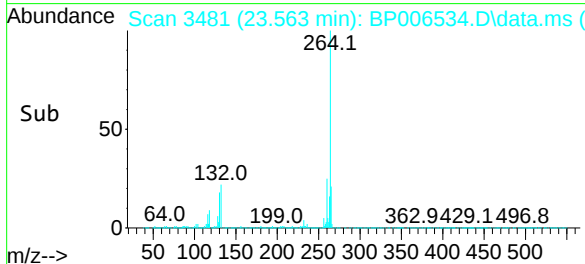
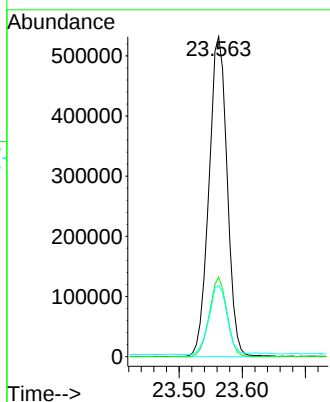
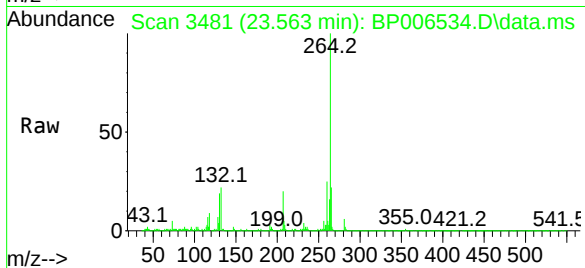




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.563 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

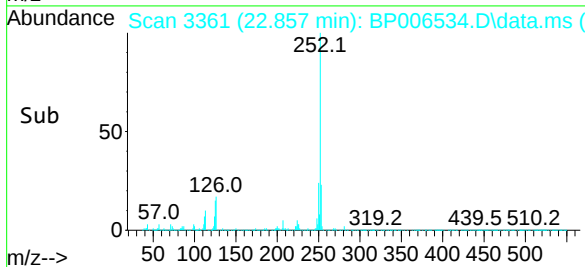
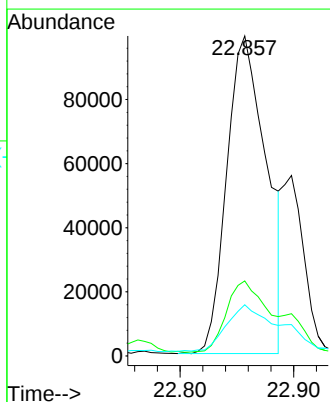
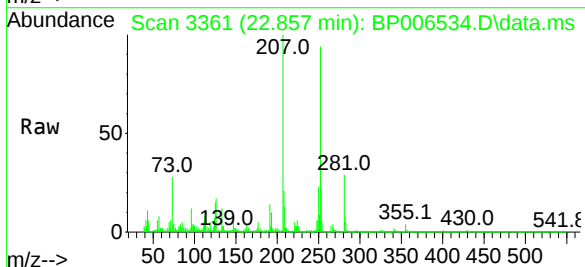
Instrument :
BNA_P
ClientSampled :
TP-4

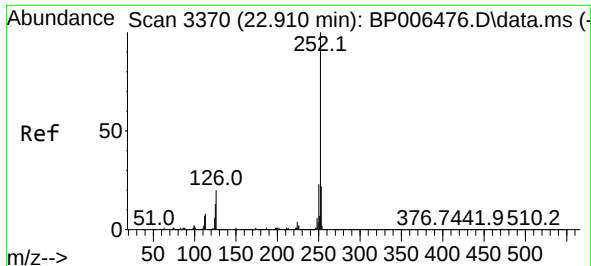
Tgt Ion:264 Resp: 1067927
Ion Ratio Lower Upper
264 100
260 24.9 18.6 28.0
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.464 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:252 Resp: 240440
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 16.0 6.2 9.4#

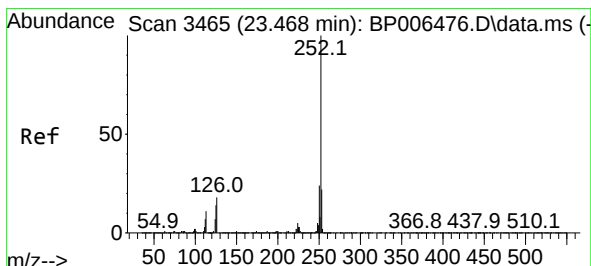
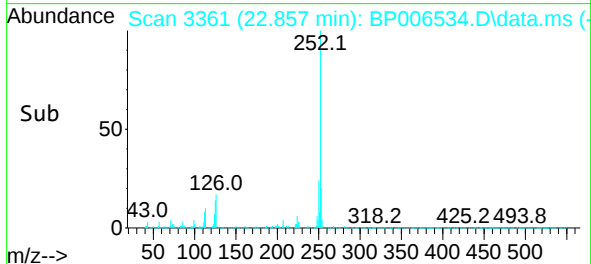
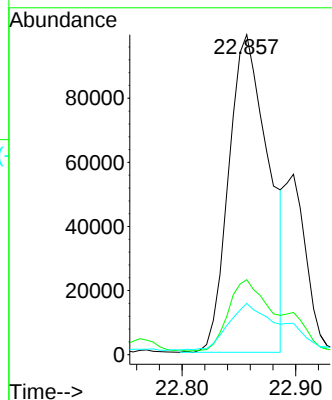
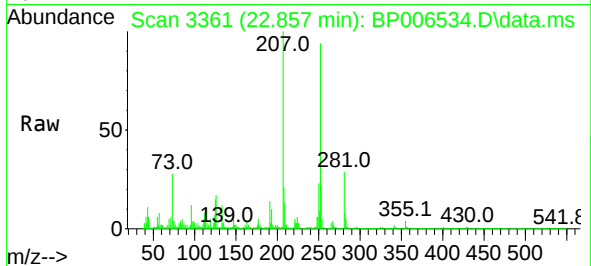




#89
Benzo(k)fluoranthene
Concen: 3.608 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Instrument :
BNA_P
ClientSampled :
TP-4

Tgt Ion:252 Resp: 240440
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 16.0 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.793 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BP006534.D
Acq: 06 Aug 2021 12:04

Tgt Ion:252 Resp: 173905
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 15.9 6.5 9.7#

