

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007341.D
 Acq On : 06 Oct 2021 00:03
 Operator : CG/JU
 Sample : M4035-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 213

Quant Time: Oct 06 05:27:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

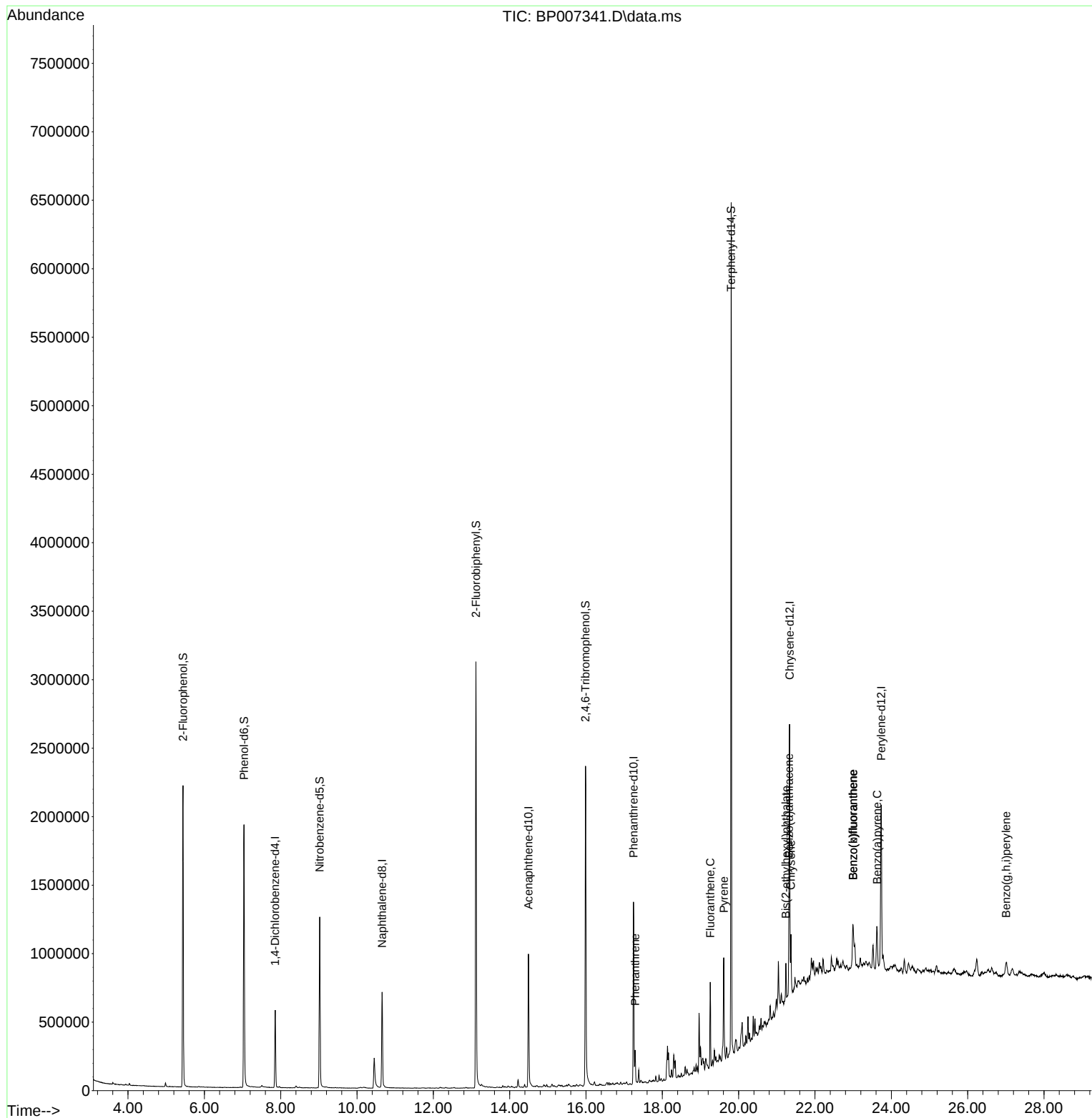
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	155671	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	608801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	376893	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	824294	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	856343	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	899856	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1029735	110.728	ng	-0.01
7) Phenol-d6	7.040	99	1245634	98.002	ng	-0.01
23) Nitrobenzene-d5	9.022	82	750740	71.814	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	534179	109.323	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1740289	66.151	ng	-0.01
79) Terphenyl-d14	19.804	244	2757379	61.703	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	145760	3.298	ng	100
75) Fluoranthene	19.257	202	336564	6.609	ng	98
78) Pyrene	19.610	202	437306	7.783	ng	99
81) Benzo(a)anthracene	21.316	228	234918	4.226	ng	97
83) Chrysene	21.369	228	241084	4.538	ng	96
84) Bis(2-ethylhexyl)phtha...	21.239	149	94680	2.927	ng	99
88) Benzo(b)fluoranthene	22.998	252	257007	4.779	ng	# 91
89) Benzo(k)fluoranthene	22.998	252	257007	4.720	ng	# 91
90) Benzo(a)pyrene	23.627	252	201323	4.406	ng	# 94
92) Benzo(g,h,i)perylene	27.009	276	132832	2.512	ng	# 91

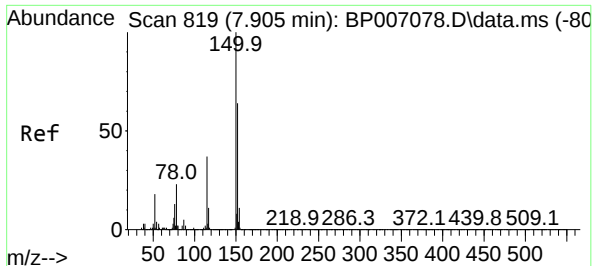
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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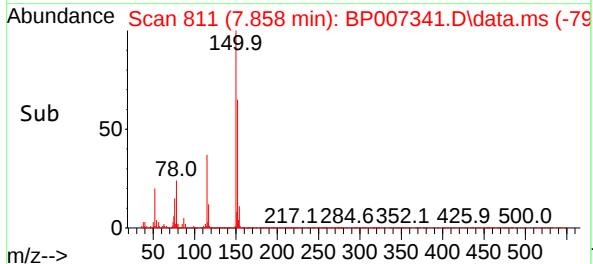
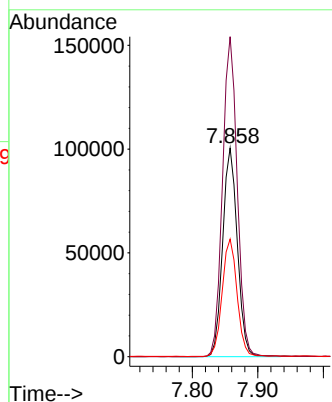
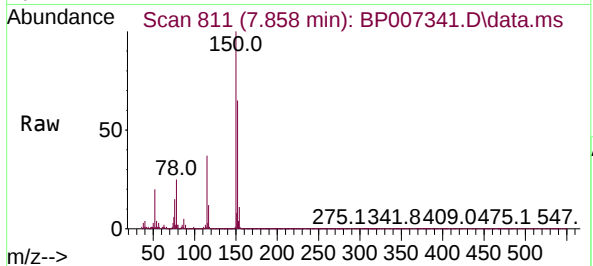




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

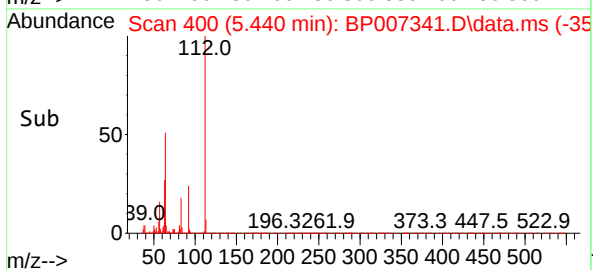
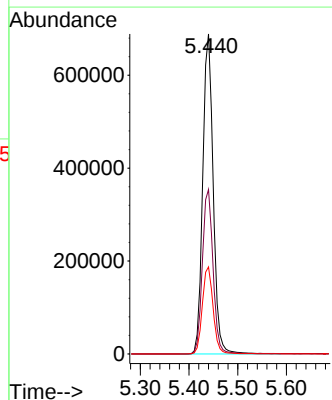
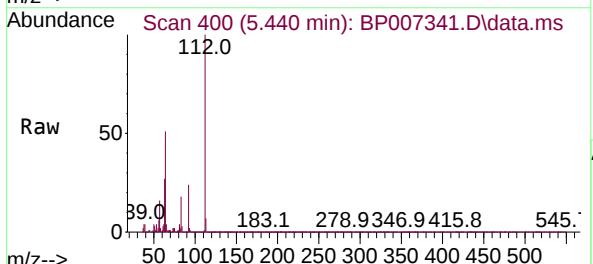
Instrument :
BNA_P
ClientSampleId :
213

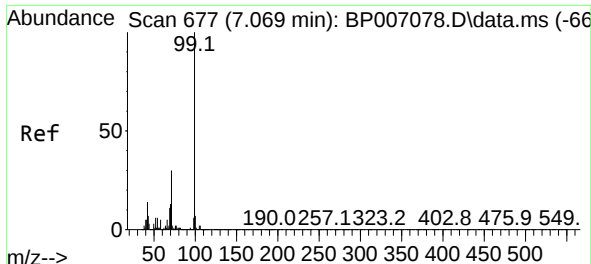
Tgt Ion:152 Resp: 155671
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 56.4 48.5 72.7



#5
2-Fluorophenol
Concen: 110.728 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:112 Resp: 1029735
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 27.2 23.8 35.8

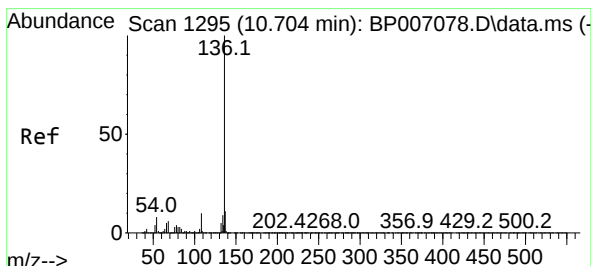
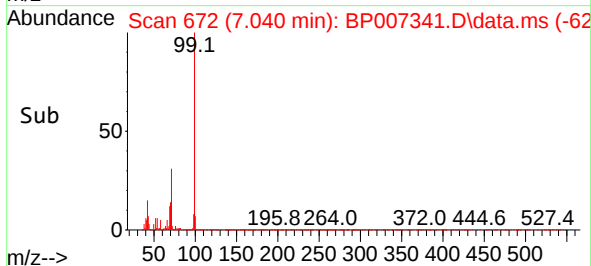
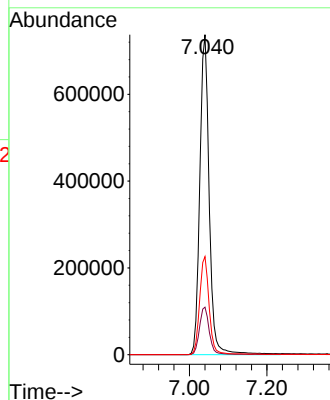
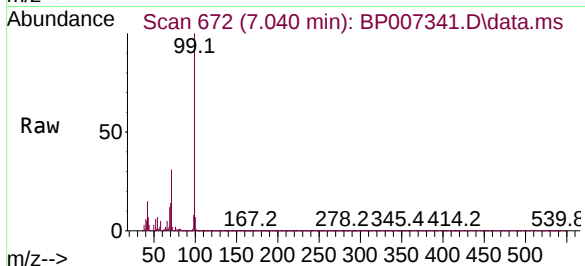




#7
Phenol-d6
Concen: 98.002 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

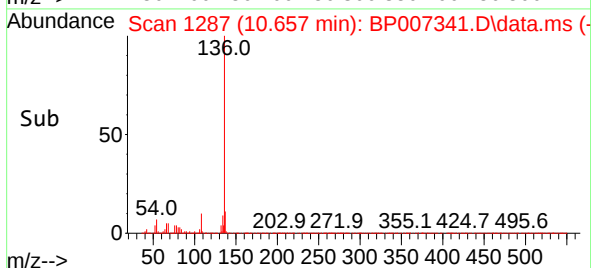
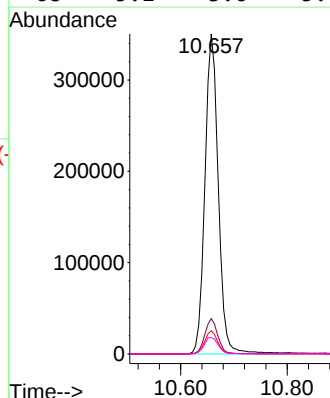
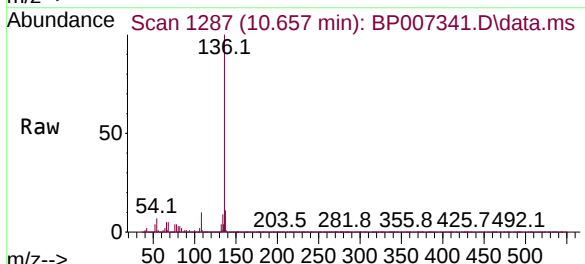
Instrument :
BNA_P
ClientSampleId :
213

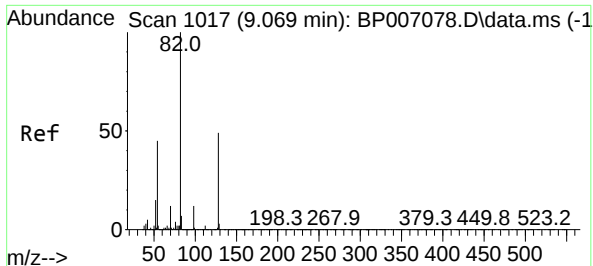
Tgt Ion: 99 Resp: 1245634
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 30.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion: 136 Resp: 608801
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 4.6 6.8#
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 71.814 ng

RT: 9.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BP007341.D

Acq: 06 Oct 2021 00:03

Tgt Ion: 82 Resp: 750740

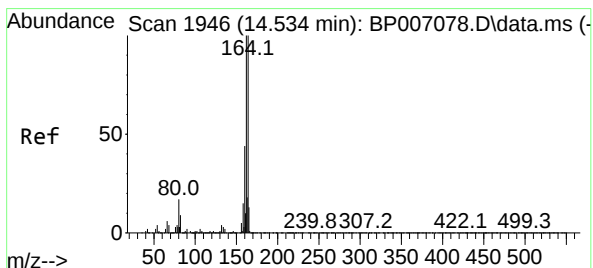
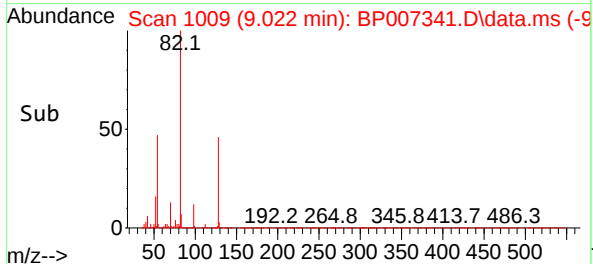
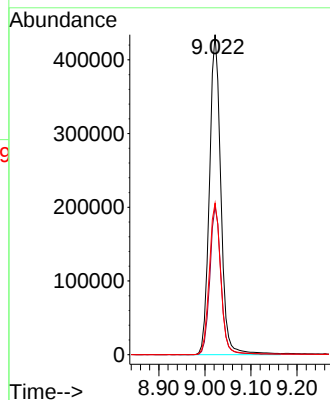
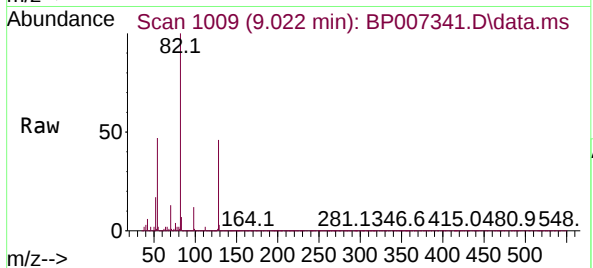
Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.7	53.5
54	47.4	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

213



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

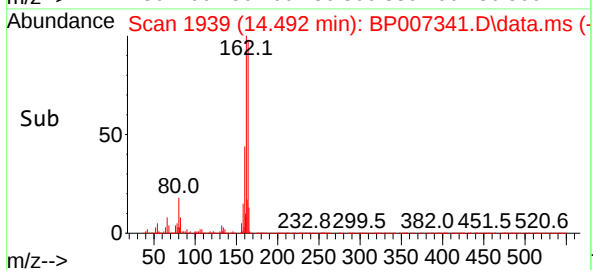
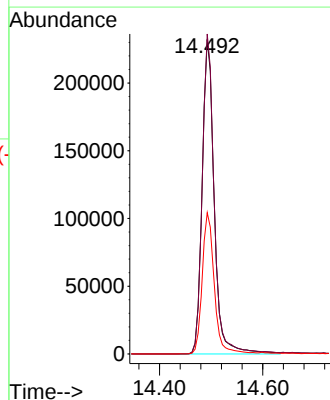
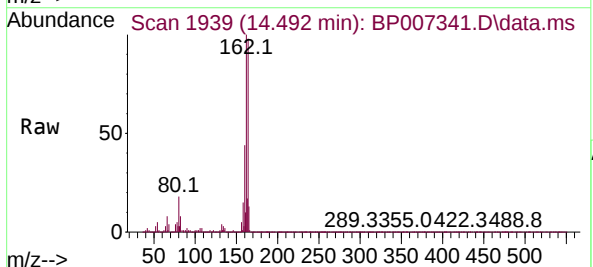
Delta R.T. -0.006 min

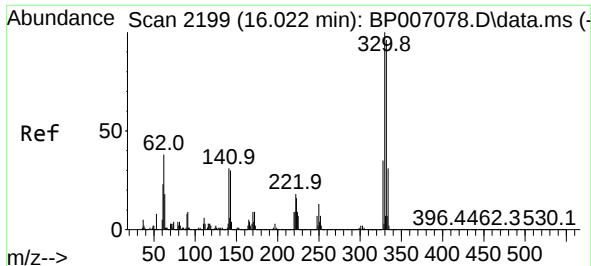
Lab File: BP007341.D

Acq: 06 Oct 2021 00:03

Tgt Ion: 164 Resp: 376893

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.9	34.5	51.7

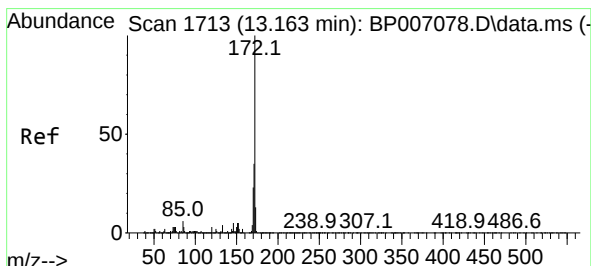
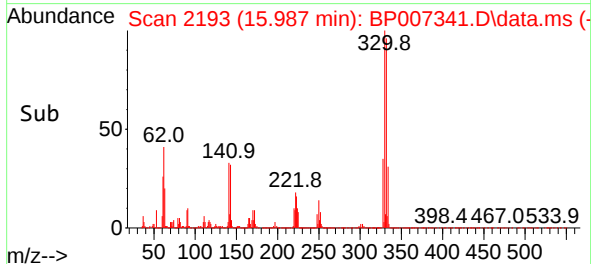
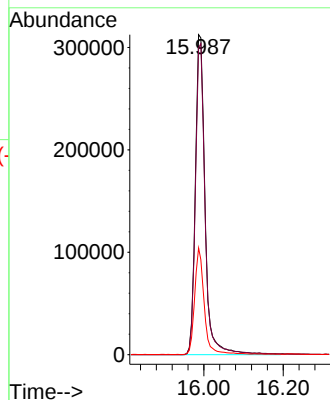
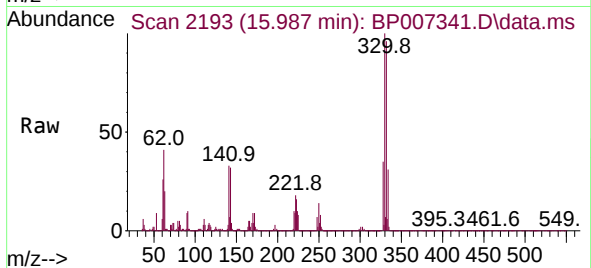




#42
2,4,6-Tribromophenol
Concen: 109.323 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

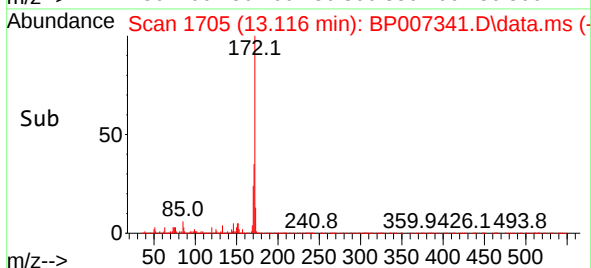
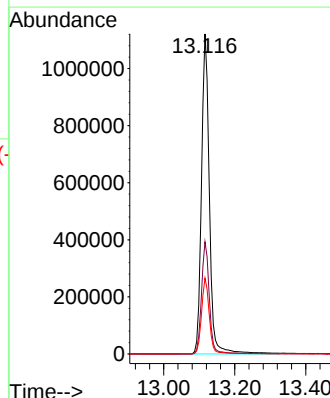
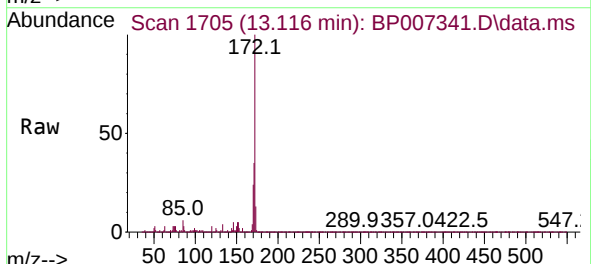
Instrument :
BNA_P
ClientSampled :
213

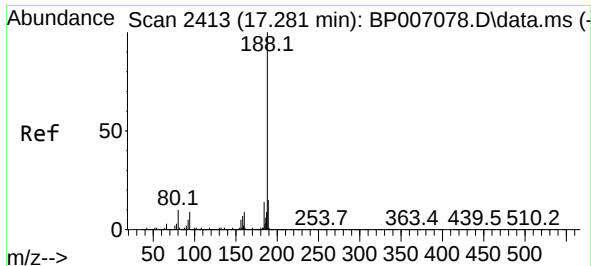
Tgt Ion:330 Resp: 534179
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 66.151 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:172 Resp: 1740289
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 18.6 27.8

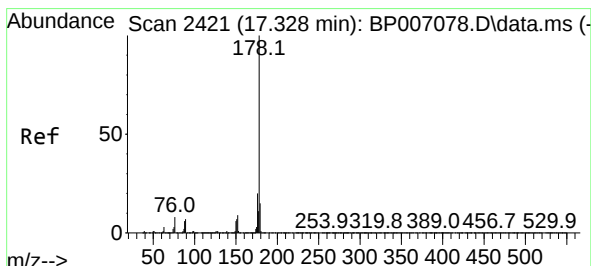
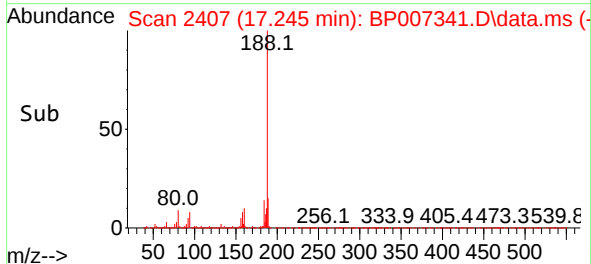
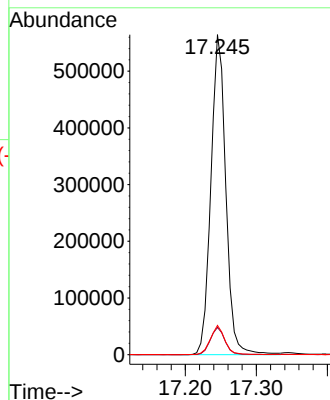
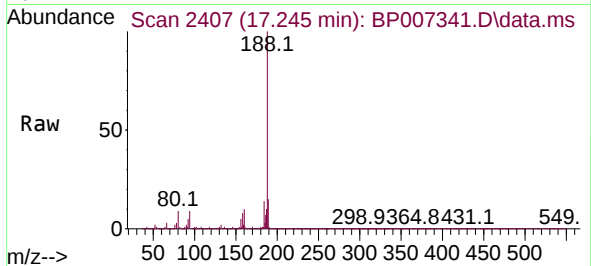




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

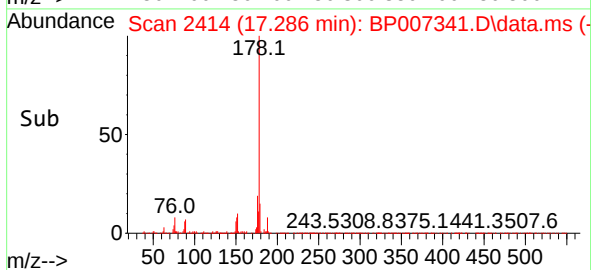
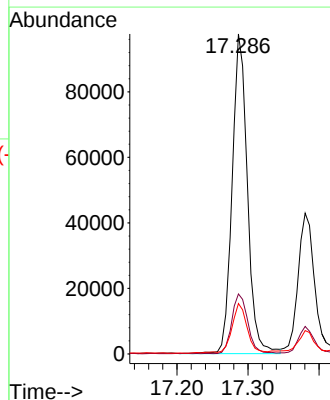
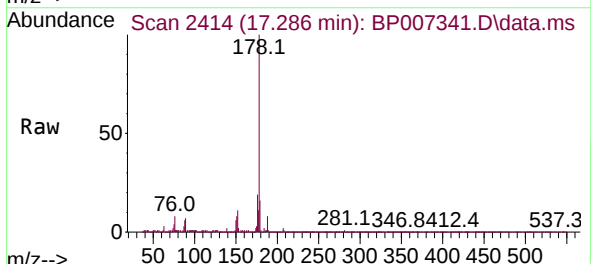
Instrument :
BNA_P
ClientSampleId :
213

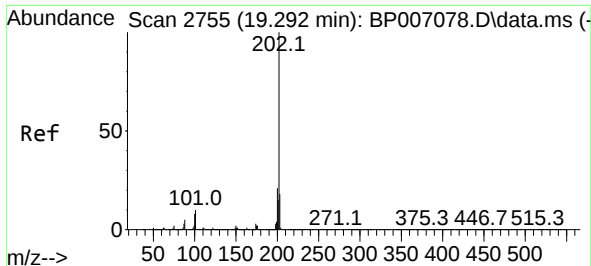
Tgt Ion:188 Resp: 824294
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.1 6.3 9.5



#71
Phenanthrene
Concen: 3.298 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:178 Resp: 145760
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.4 18.6

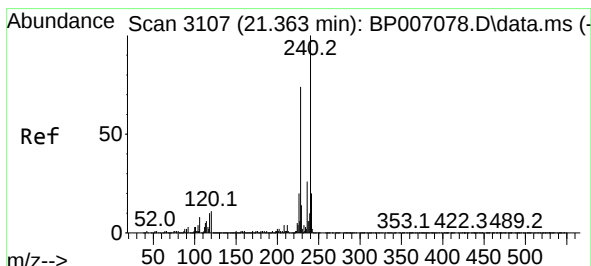
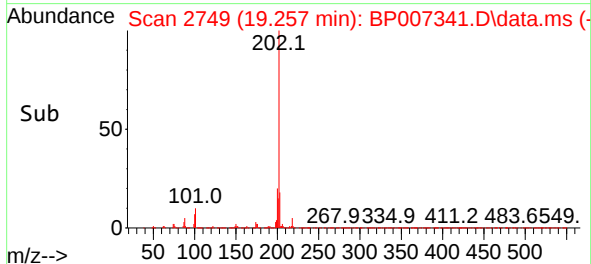
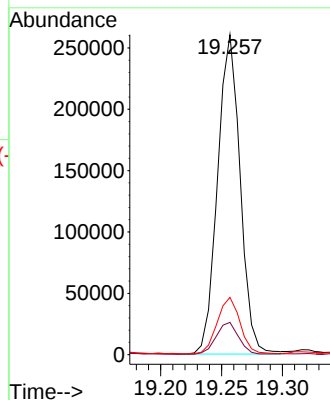
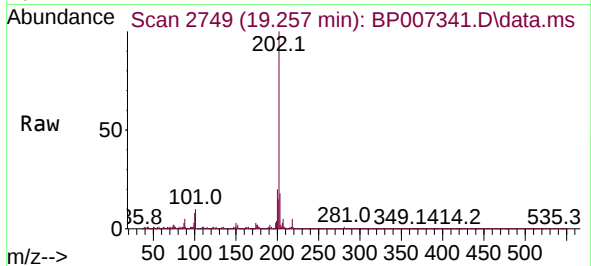




#75
Fluoranthene
Concen: 6.609 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

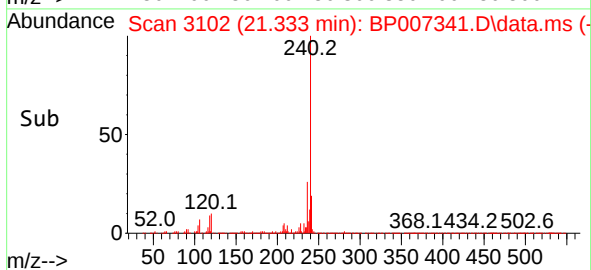
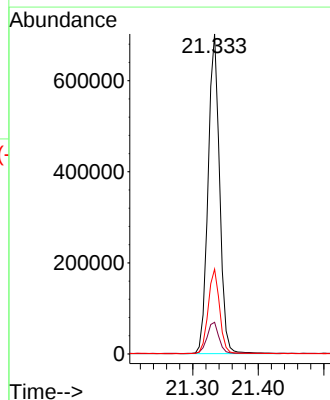
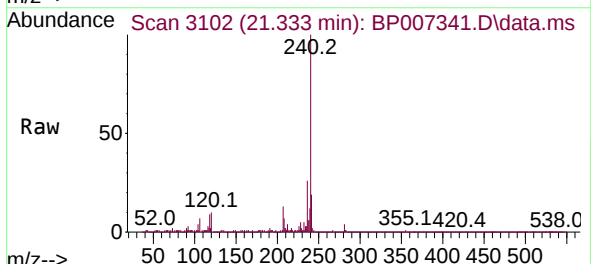
Instrument :
BNA_P
ClientSampleId :
213

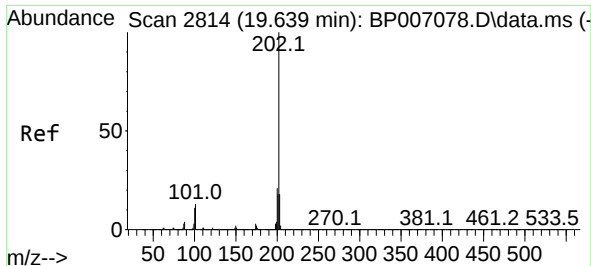
Tgt Ion:202 Resp: 336564
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:240 Resp: 856343
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.5 20.6 31.0

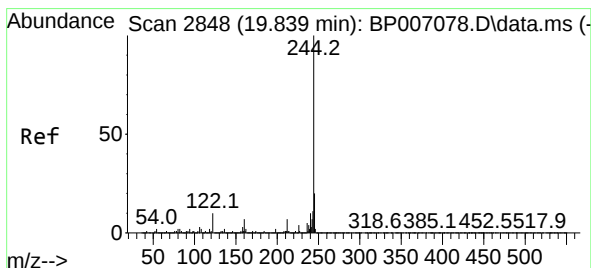
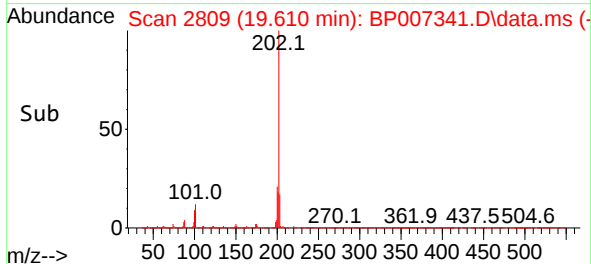
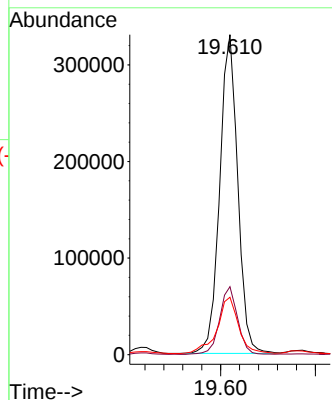
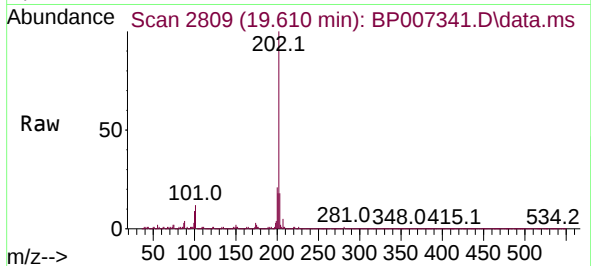




#78
Pyrene
Concen: 7.783 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

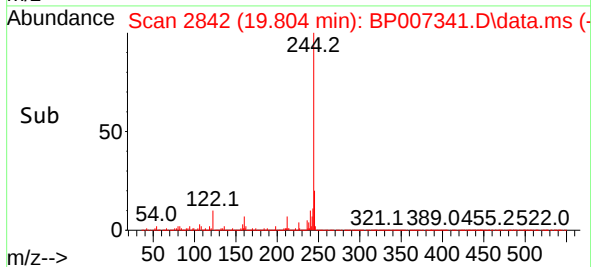
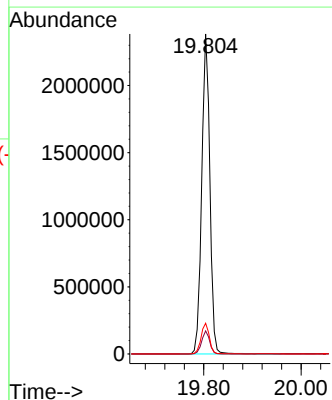
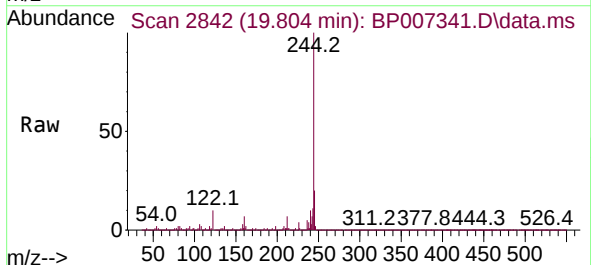
Instrument :
BNA_P
ClientSampleId :
213

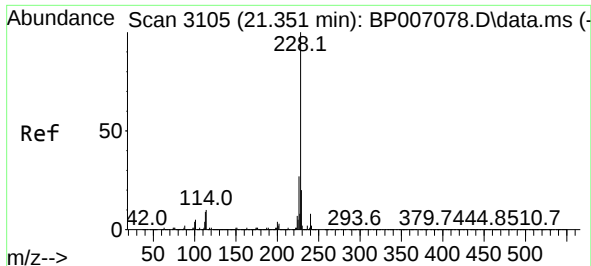
Tgt Ion:202 Resp: 437306
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 61.703 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:244 Resp: 2757379
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.6 7.1 10.7

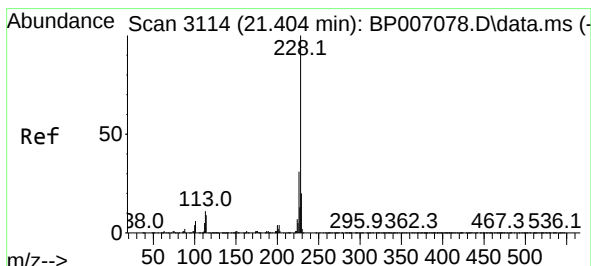
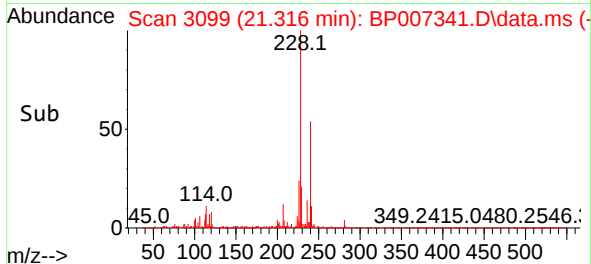
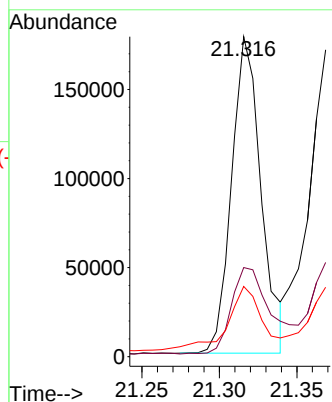
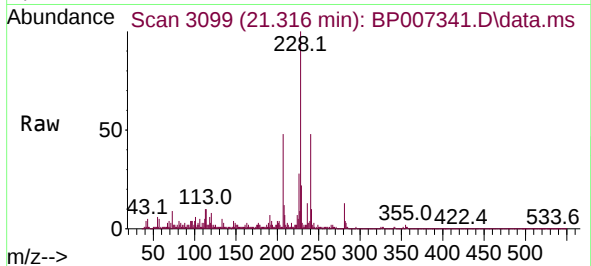




#81
Benzo(a)anthracene
Concen: 4.226 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

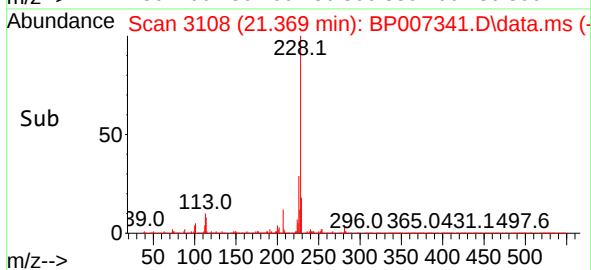
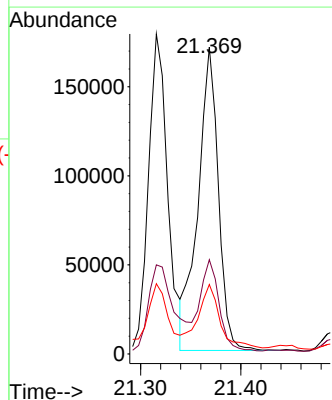
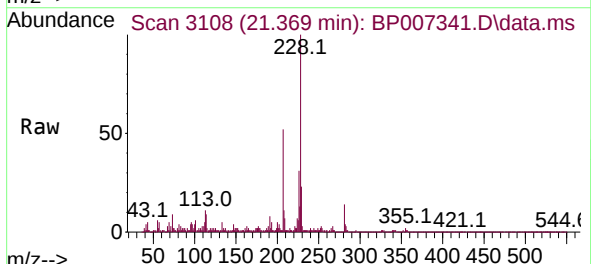
Instrument :
BNA_P
ClientSampleId :
213

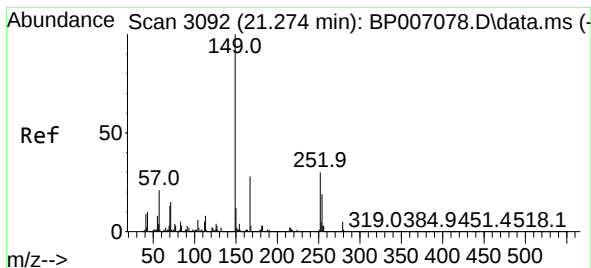
Tgt Ion:228 Resp: 234918
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 22.0 15.8 23.6



#83
Chrysene
Concen: 4.538 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:228 Resp: 241084
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.6 15.4 23.2

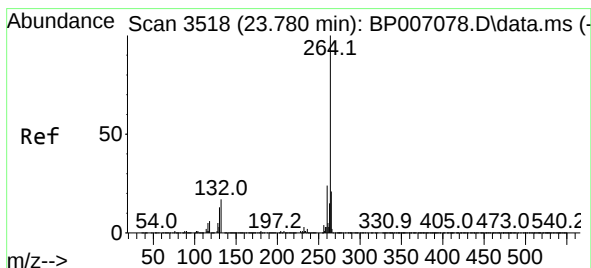
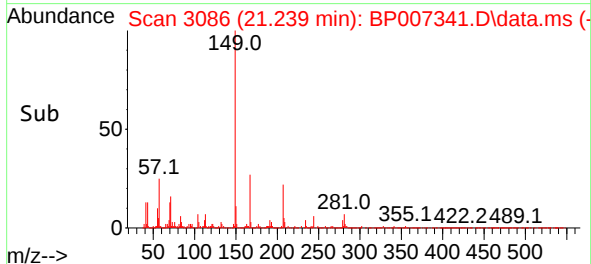
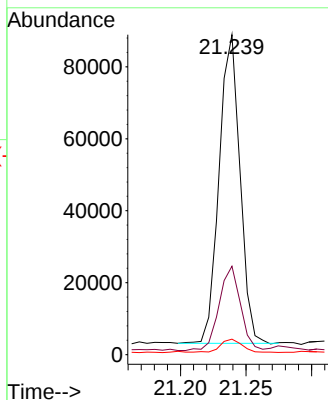
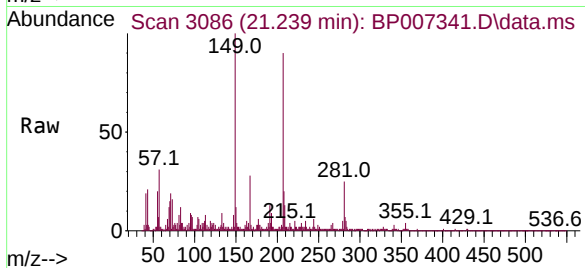




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.927 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

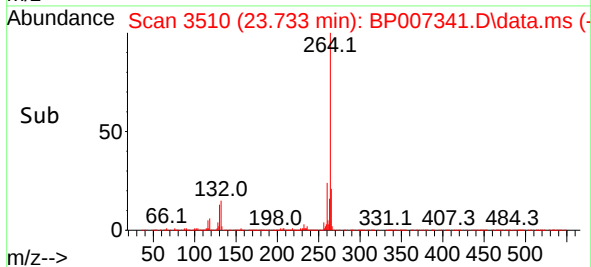
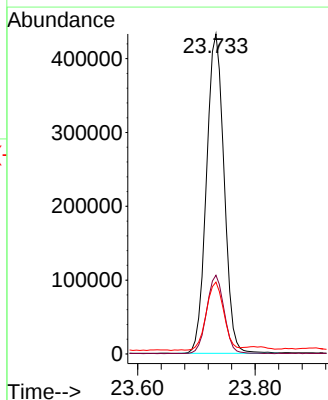
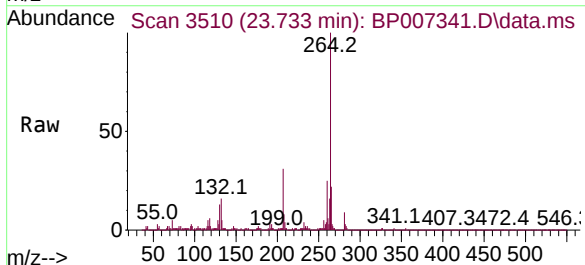
Instrument :
BNA_P
ClientSampled :
213

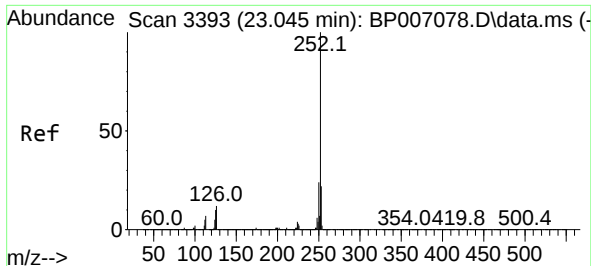
Tgt Ion:149 Resp: 94680
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 4.9 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:264 Resp: 899856
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 22.4 17.6 26.4

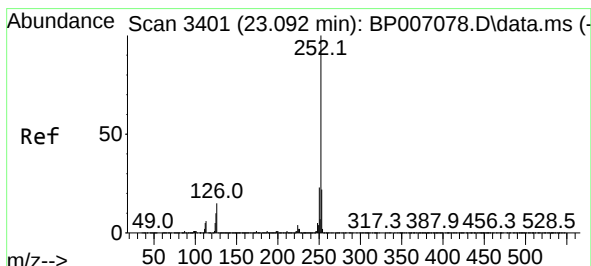
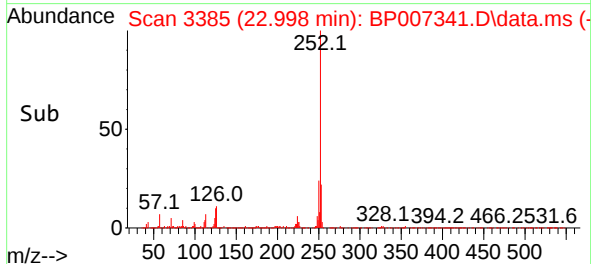
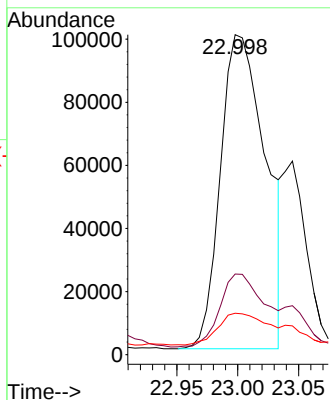
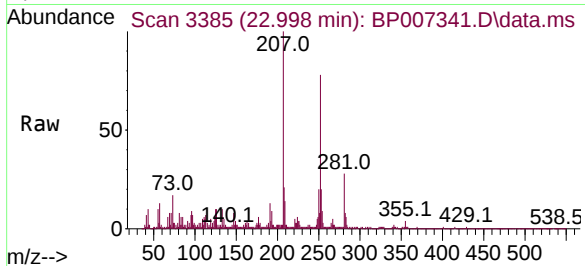




#88
Benzo(b)fluoranthene
Concen: 4.779 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

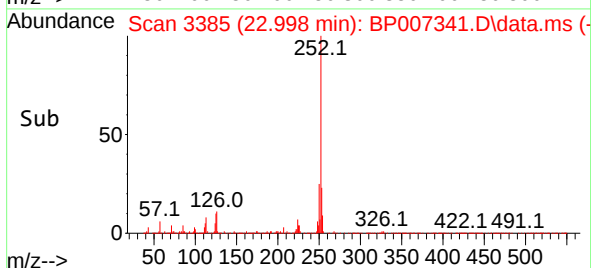
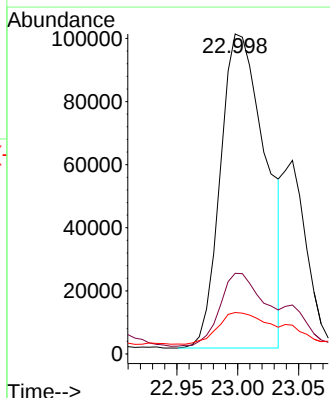
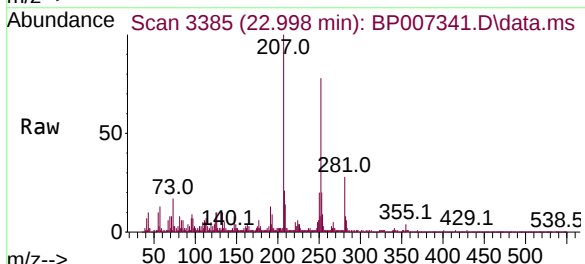
Instrument :
BNA_P
ClientSampled :
213

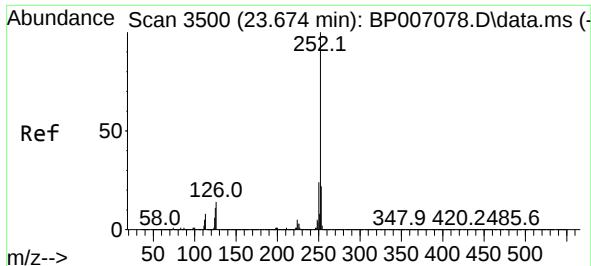
Tgt Ion:252 Resp: 257007
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 13.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.720 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.059 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:252 Resp: 257007
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 13.0 6.0 9.0#

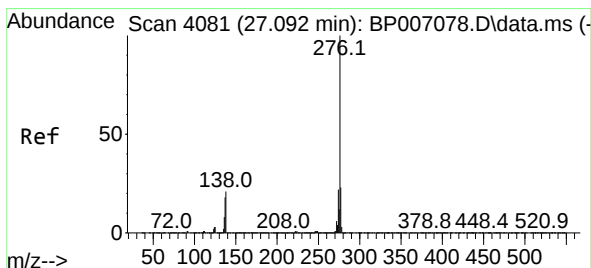
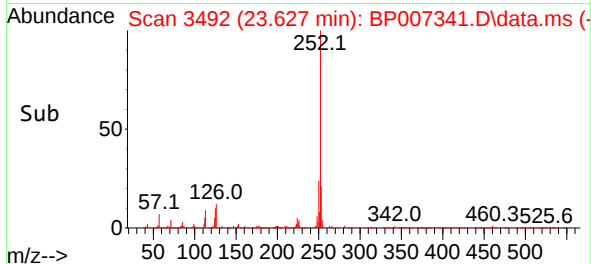
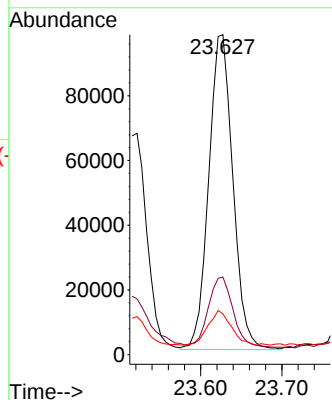
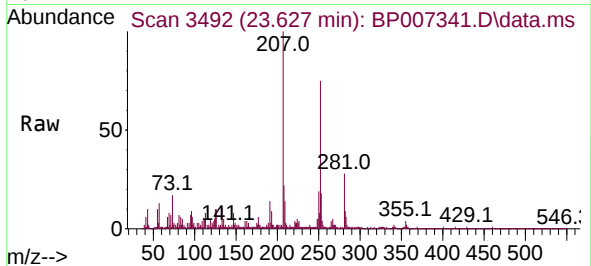




#90
Benzo(a)pyrene
Concen: 4.406 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Instrument :
BNA_P
ClientSampleId :
213

Tgt Ion:252 Resp: 201323
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 12.8 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.512 ng
RT: 27.009 min Scan# 4067
Delta R.T. -0.035 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:276 Resp: 132832
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 23.6 12.6 18.8#

