

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007140.D
 Acq On : 23 Sep 2021 23:53
 Operator : CG/JU
 Sample : M3886-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Sep 24 01:03:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

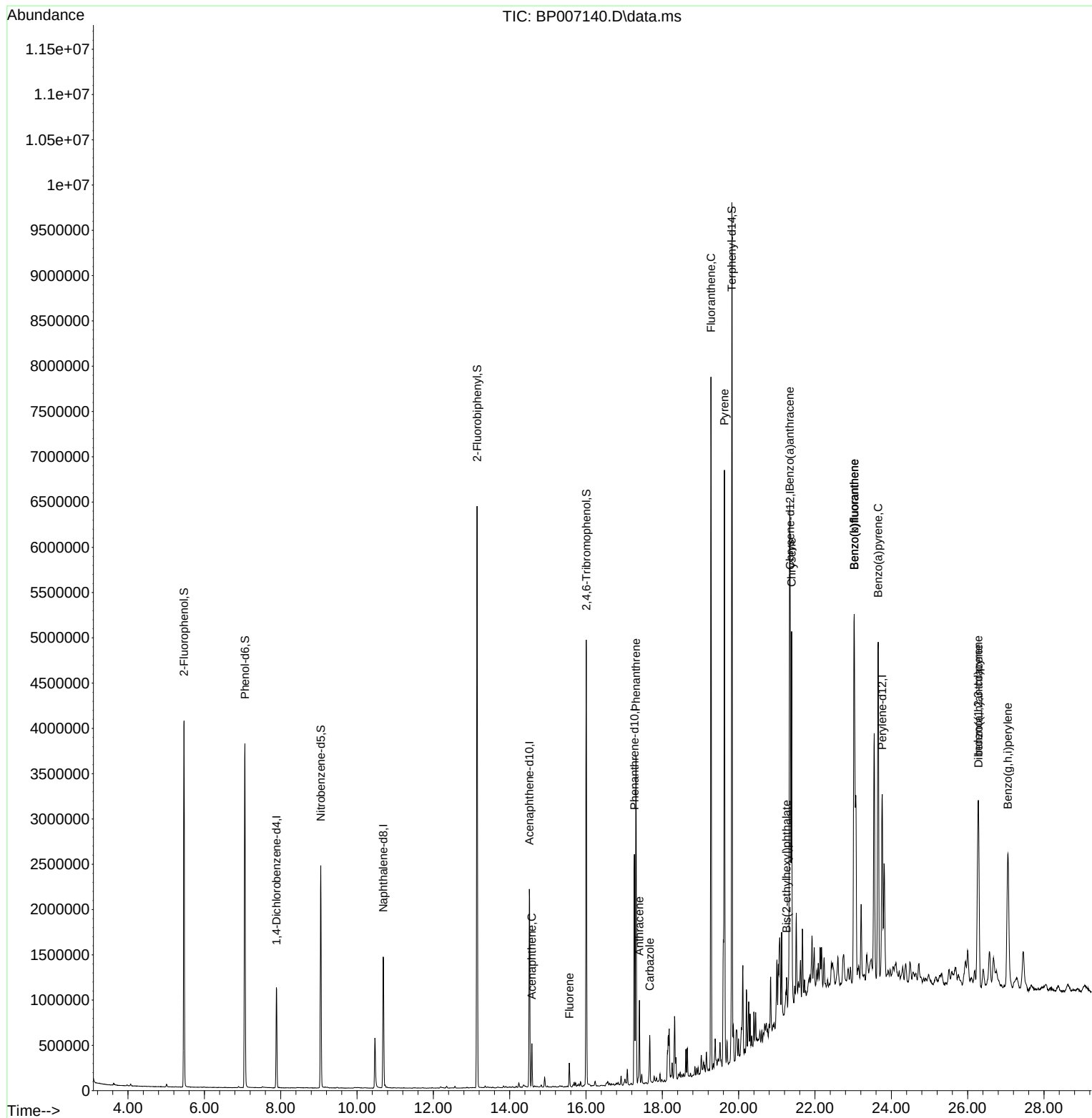
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	323046	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	1271160	20.000	ng	# 0.00
39) Acenaphthene-d10	14.516	164	784131	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1587634	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1503455	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1595885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1955123	101.310	ng	0.00
7) Phenol-d6	7.063	99	2416256	91.607	ng	0.00
23) Nitrobenzene-d5	9.052	82	1411212	64.653	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1050192	103.306	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3437620	62.806	ng	0.00
79) Terphenyl-d14	19.822	244	4561966	58.145	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.581	154	163334	3.874	ng	98
58) Fluorene	15.563	166	116240	2.139	ng	98
71) Phenanthrene	17.310	178	2231131	26.209	ng	100
72) Anthracene	17.398	178	562827	6.759	ng	99
73) Carbazole	17.669	167	330962	4.056	ng	99
75) Fluoranthene	19.275	202	4647284	47.384	ng	97
78) Pyrene	19.627	202	3977166	40.320	ng	98
81) Benzo(a)anthracene	21.333	228	2447319	25.078	ng	98
83) Chrysene	21.386	228	2352331	25.221	ng	97
84) Bis(2-ethylhexyl)phtha...	21.257	149	119420	2.103	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.280	276	2280945	19.888	ng	98
88) Benzo(b)fluoranthene	23.027	252	3818792	40.041	ng	# 96
89) Benzo(k)fluoranthene	23.027	252	3818792	39.547	ng	# 96
90) Benzo(a)pyrene	23.657	252	2959965	36.530	ng	# 97
91) Dibenzo(a,h)anthracene	26.286	278	557764	5.803	ng	# 87
92) Benzo(g,h,i)perylene	27.057	276	2055806	21.918	ng	# 95

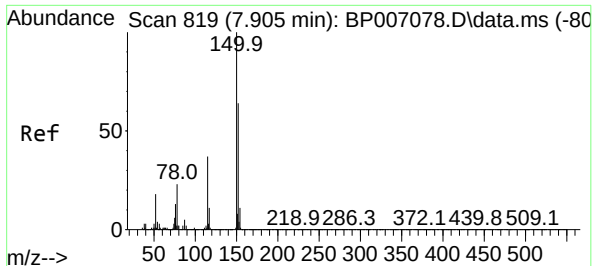
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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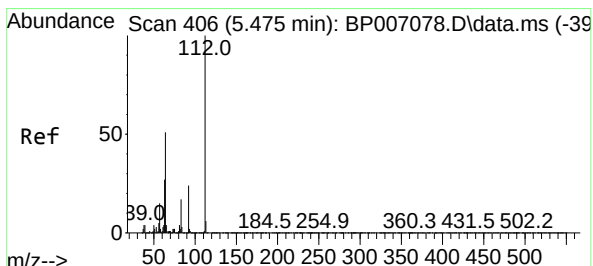
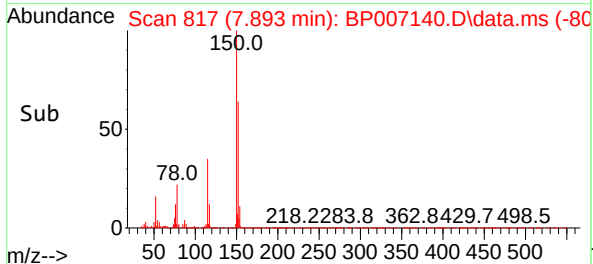
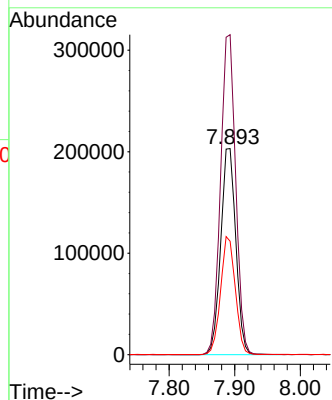
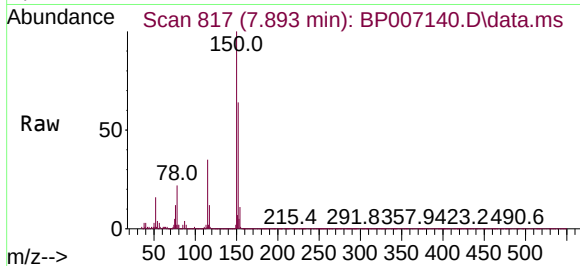




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

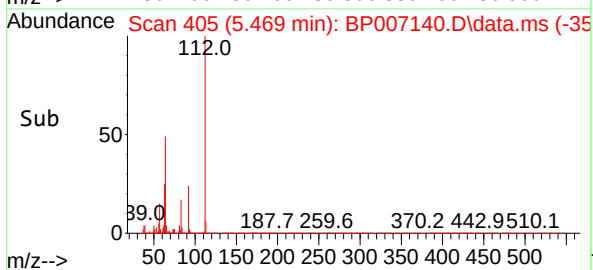
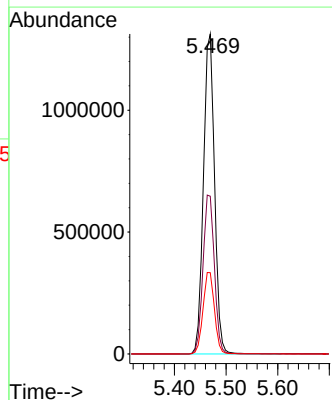
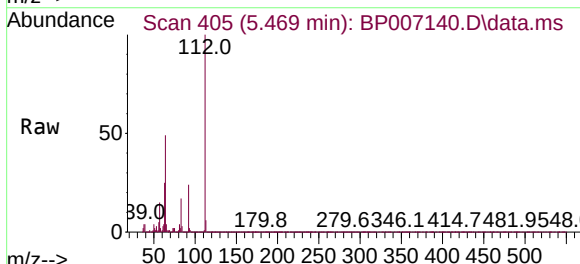
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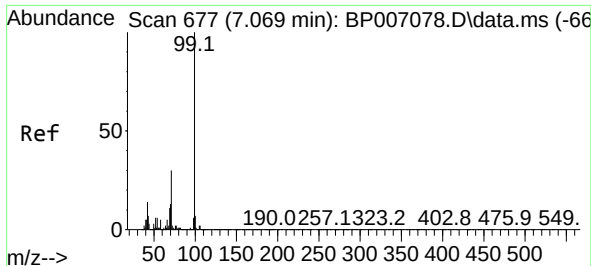
Tgt Ion:152 Resp: 323046
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 55.1 48.5 72.7



#5
2-Fluorophenol
Concen: 101.310 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:112 Resp: 1955123
Ion Ratio Lower Upper
112 100
64 49.3 41.4 62.2
63 25.4 23.8 35.8

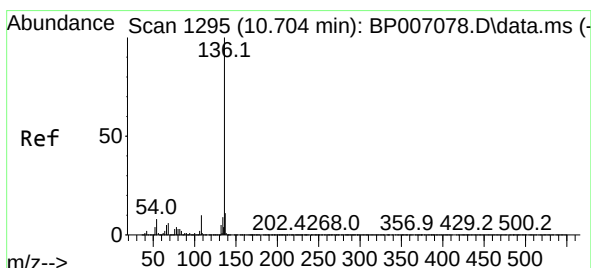
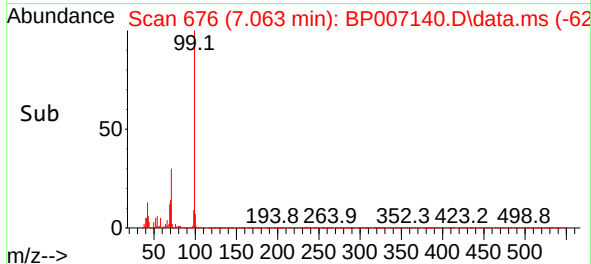
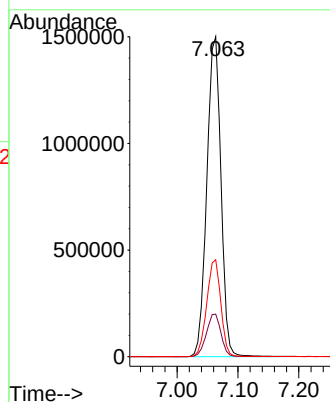
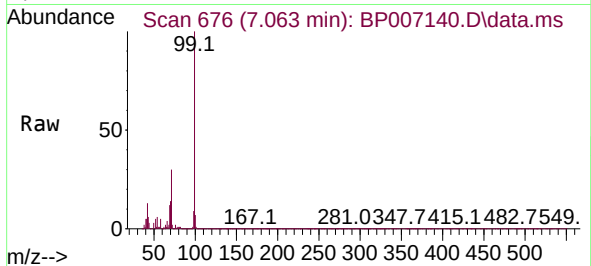




#7
Phenol-d6
Concen: 91.607 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

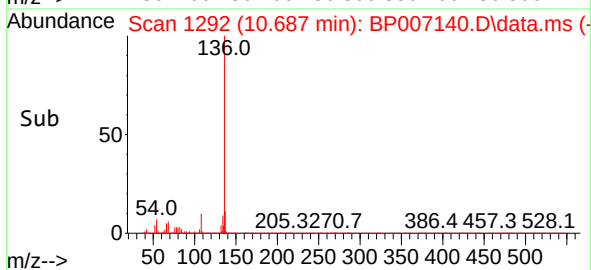
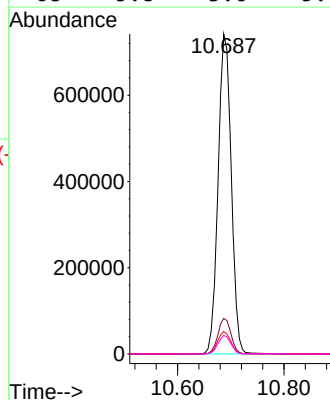
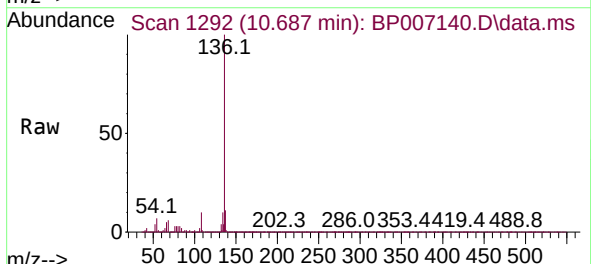
Instrument :
BNA_P
ClientSampleId :
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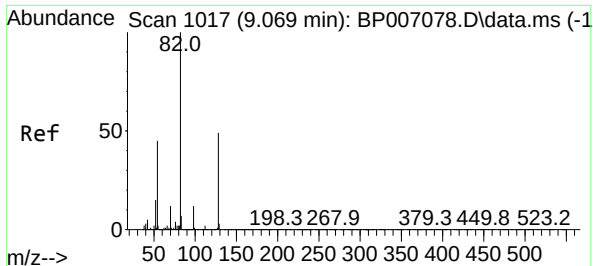
Tgt Ion: 99 Resp: 2416256
Ion Ratio Lower Upper
99 100
42 13.3 13.4 20.0#
71 30.3 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion: 136 Resp: 1271160
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 4.6 6.8#
68 5.8 3.6 5.4#

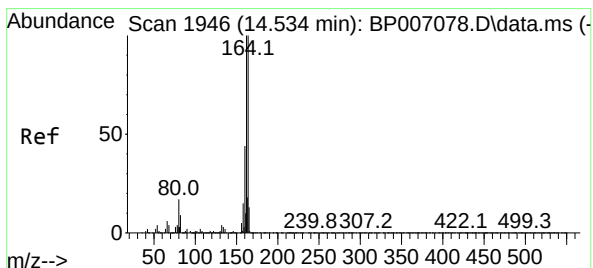
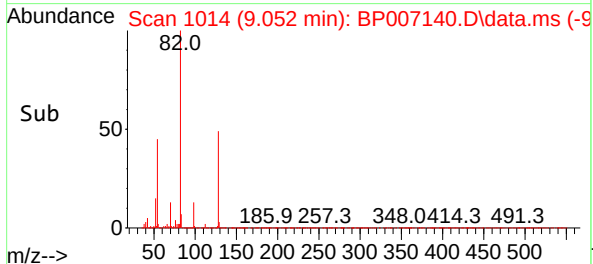
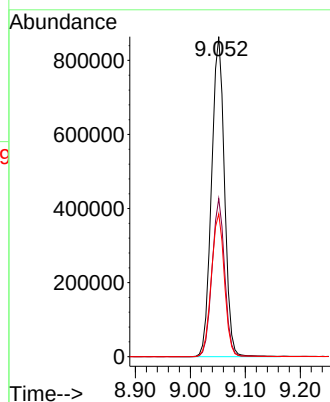
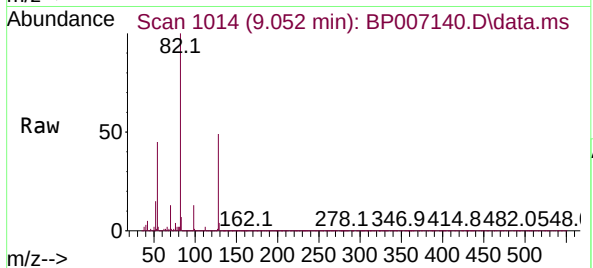




#23
Nitrobenzene-d5
Concen: 64.653 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

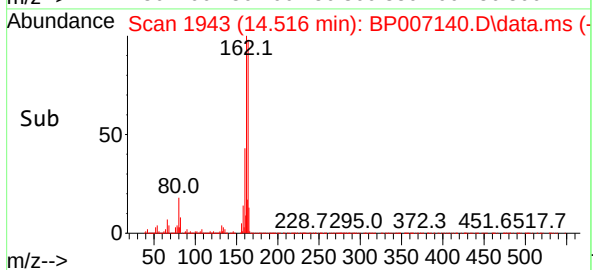
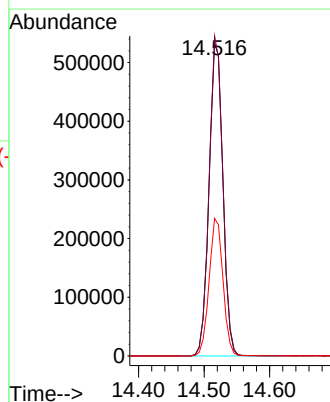
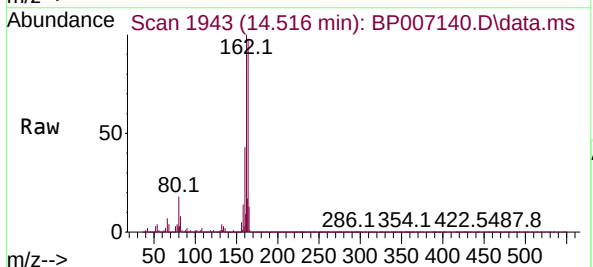
Instrument :
BNA_P
ClientSampleId :
COMP-1

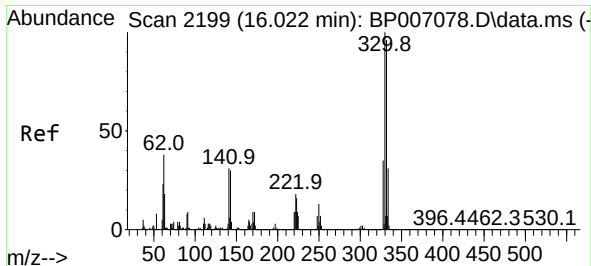
Tgt Ion: 82 Resp: 1411212
Ion Ratio Lower Upper
82 100
128 49.4 35.7 53.5
54 44.6 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:164 Resp: 784131
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 44.0 34.5 51.7

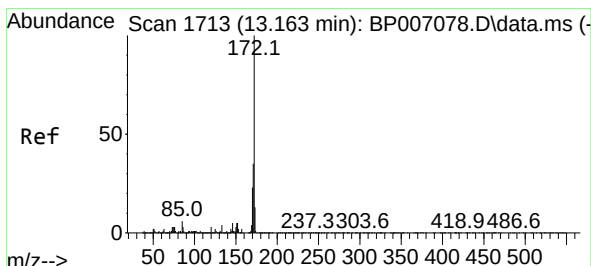
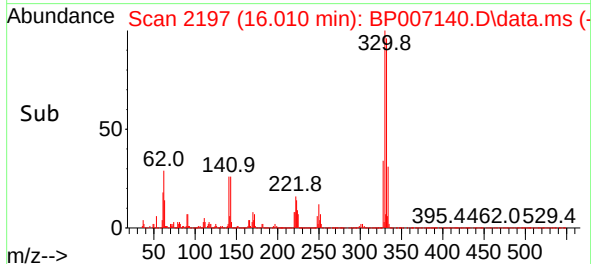
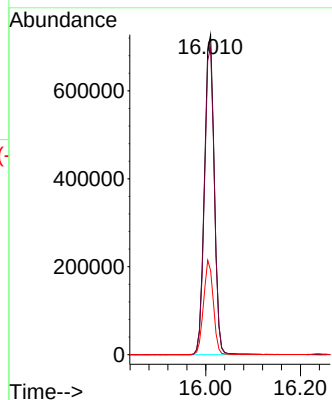
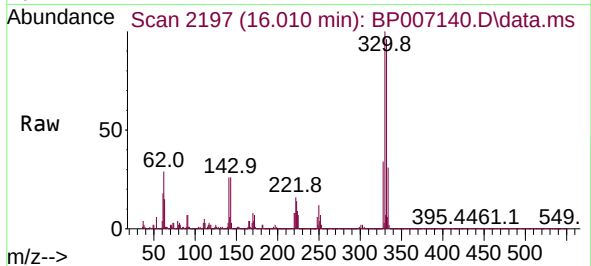




#42
2,4,6-Tribromophenol
Concen: 103.306 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

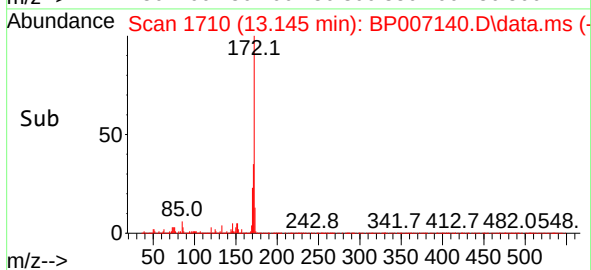
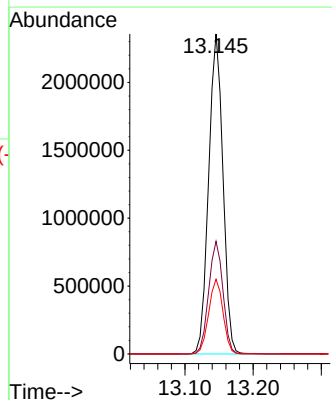
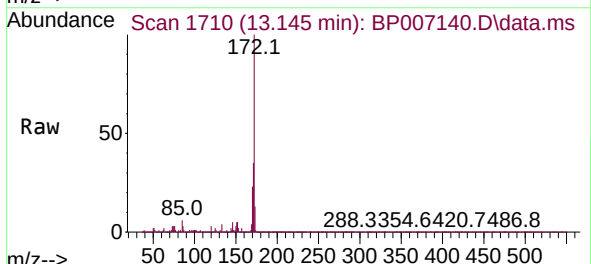
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ClientSampleId :
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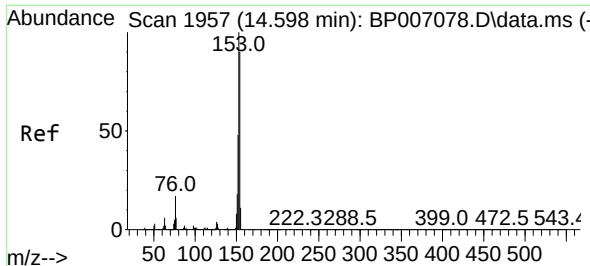
Tgt Ion:330 Resp: 1050192
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.806 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:172 Resp: 3437620
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.6 27.8

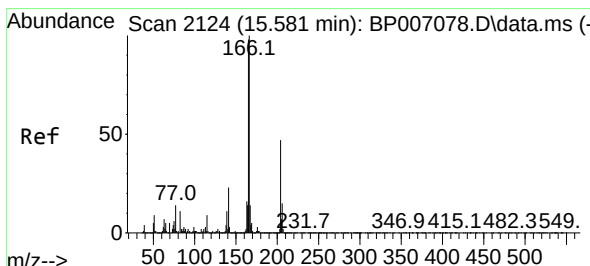
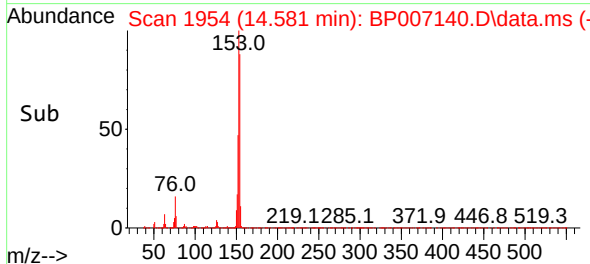
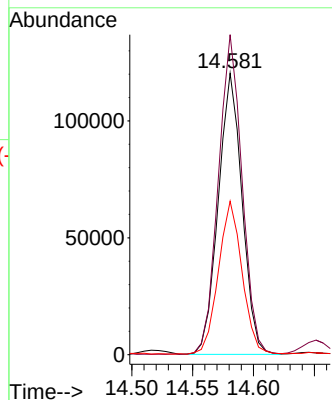
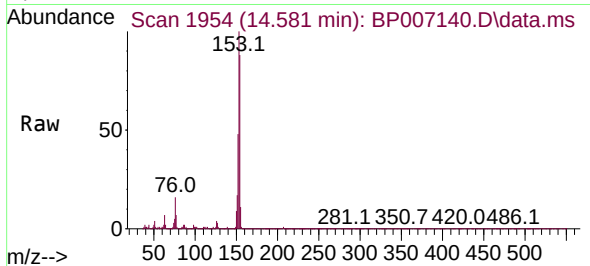




#52
Acenaphthene
Concen: 3.874 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

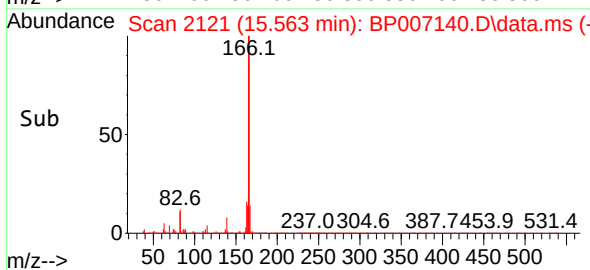
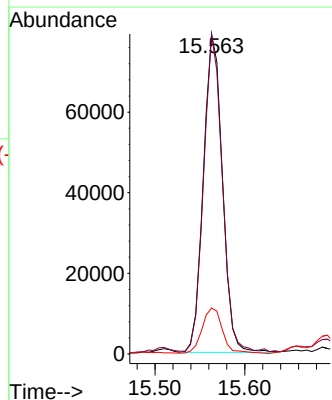
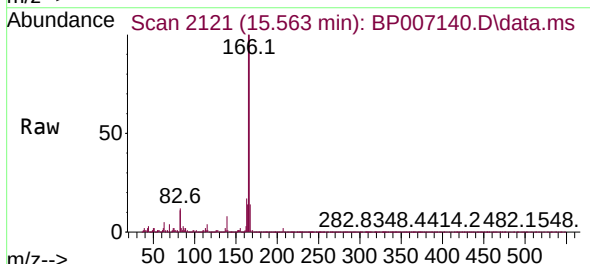
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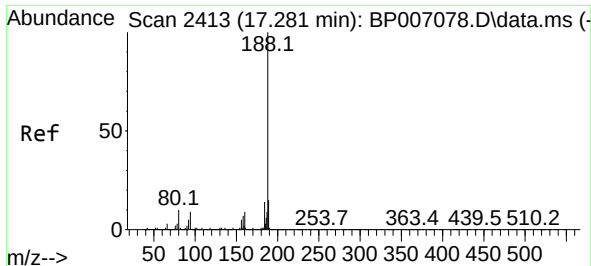
Tgt Ion:154 Resp: 163334
Ion Ratio Lower Upper
154 100
153 113.7 89.4 134.2
152 54.5 43.0 64.4



#58
Fluorene
Concen: 2.139 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:166 Resp: 116240
Ion Ratio Lower Upper
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165 99.9 78.0 117.0
167 14.3 10.5 15.7

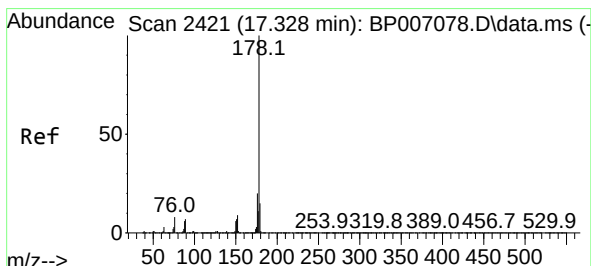
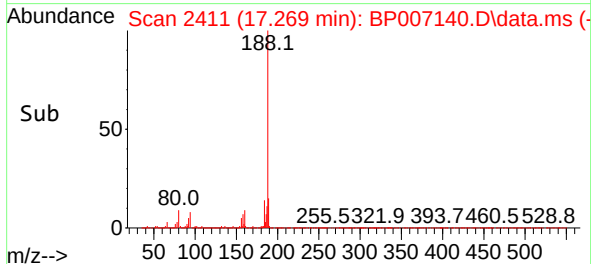
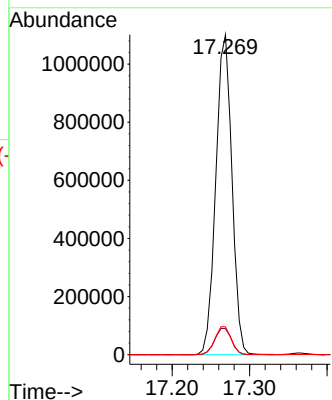
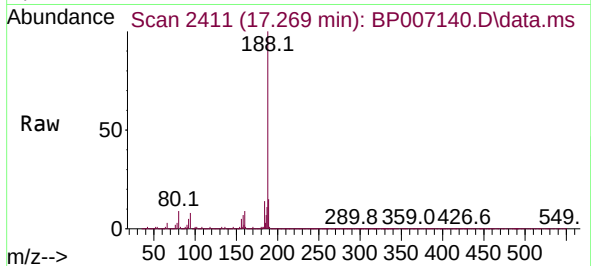




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

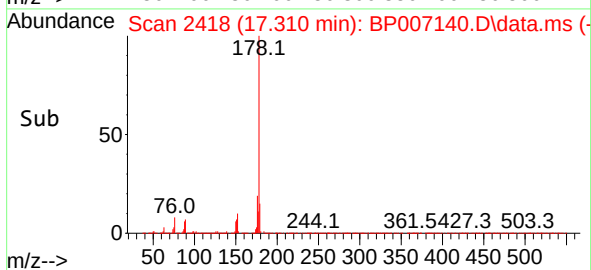
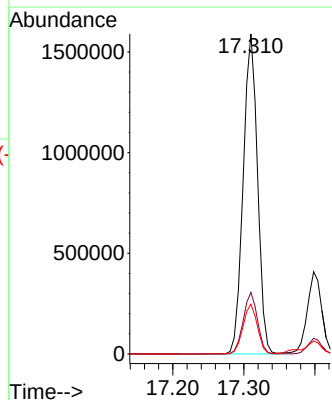
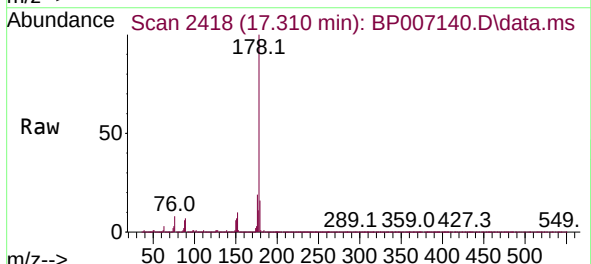
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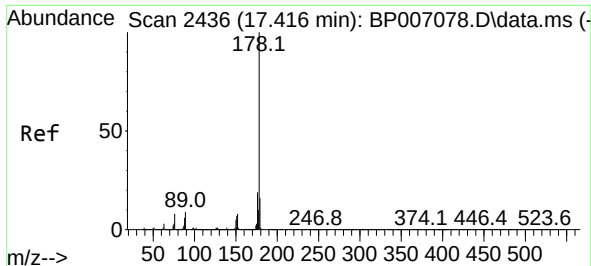
Tgt Ion:188 Resp: 1587634
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.7 6.3 9.5



#71
Phenanthrene
Concen: 26.209 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:178 Resp: 2231131
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.5 12.4 18.6

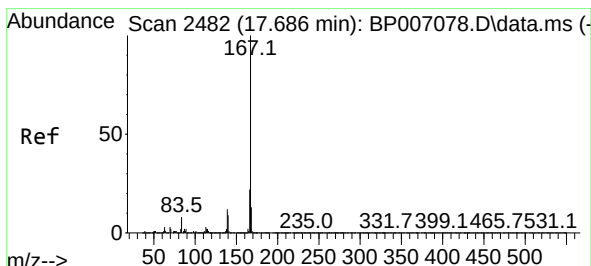
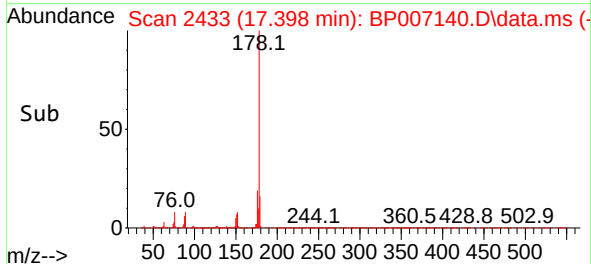
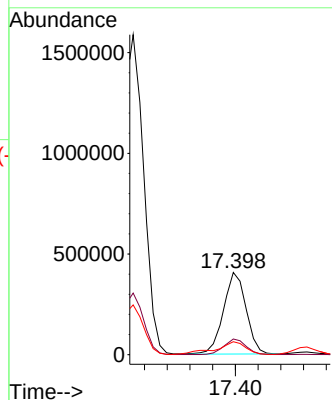
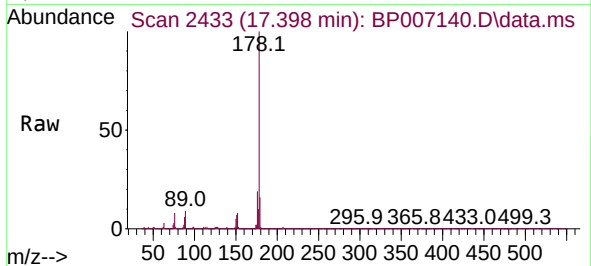




#72
 Anthracene
 Concen: 6.759 ng
 RT: 17.398 min Scan# 2433
 Delta R.T. -0.012 min
 Lab File: BP007140.D
 Acq: 23 Sep 2021 23:53

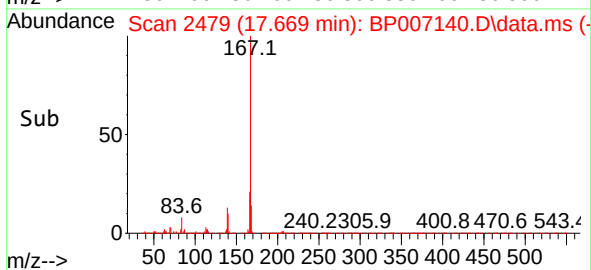
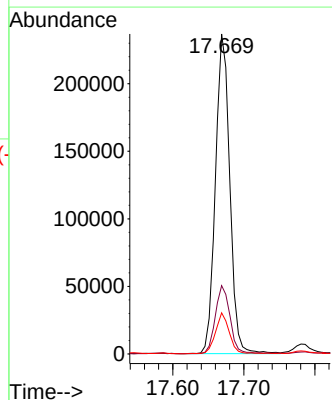
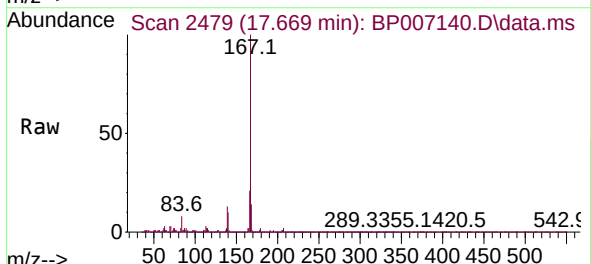
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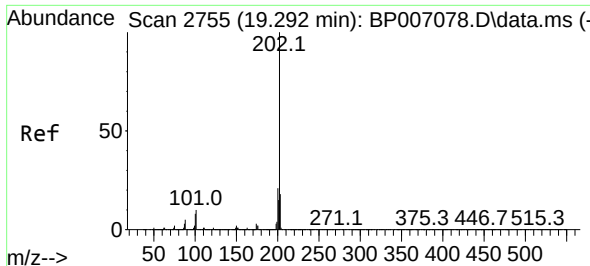
Tgt Ion:178 Resp: 562827
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 15.7 12.2 18.2



#73
 Carbazole
 Concen: 4.056 ng
 RT: 17.669 min Scan# 2479
 Delta R.T. -0.012 min
 Lab File: BP007140.D
 Acq: 23 Sep 2021 23:53

Tgt Ion:167 Resp: 330962
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.8 10.7 16.1

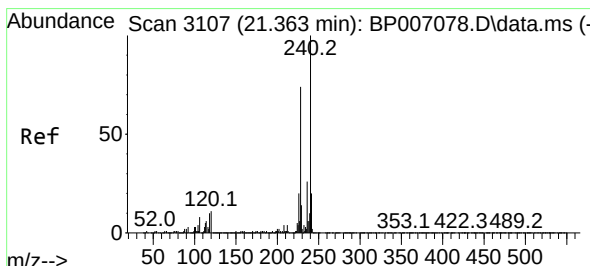
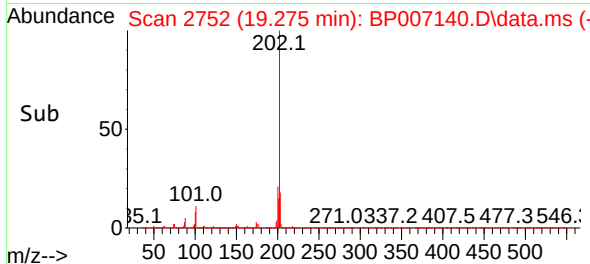
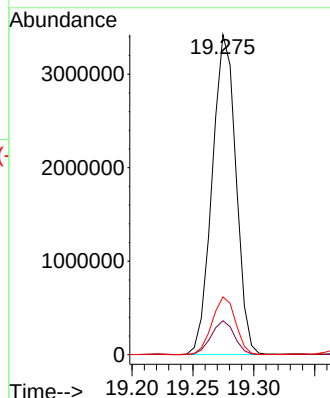
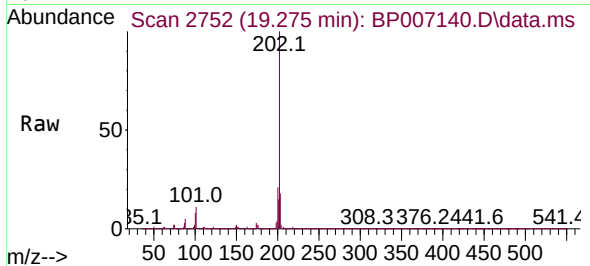




#75
Fluoranthene
Concen: 47.384 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

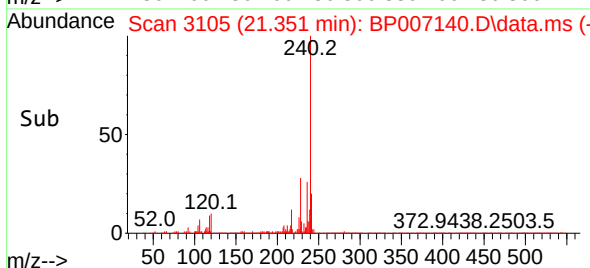
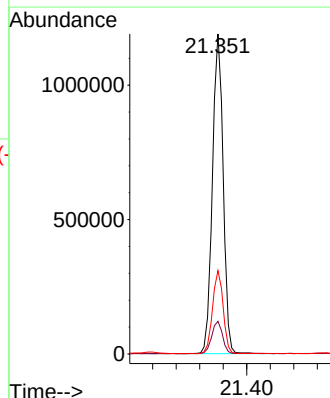
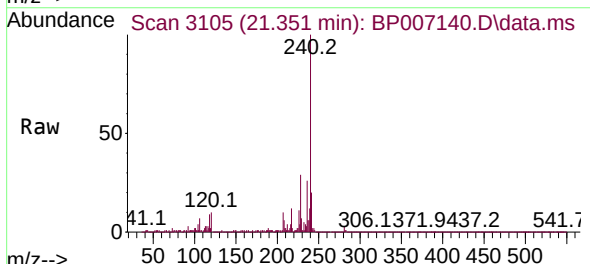
Instrument :
BNA_P
ClientSampleId :
COMP-1

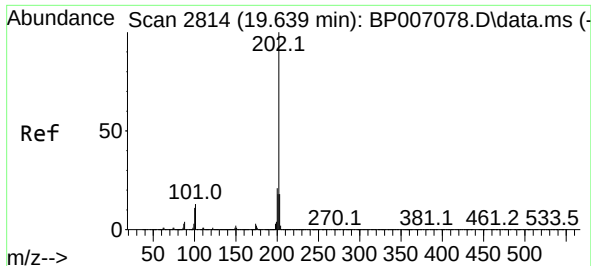
Tgt Ion:202 Resp: 4647284
Ion Ratio Lower Upper
202 100
101 10.6 0.0 27.6
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:240 Resp: 1503455
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.0 20.6 31.0

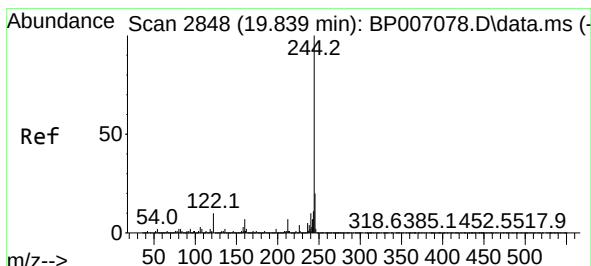
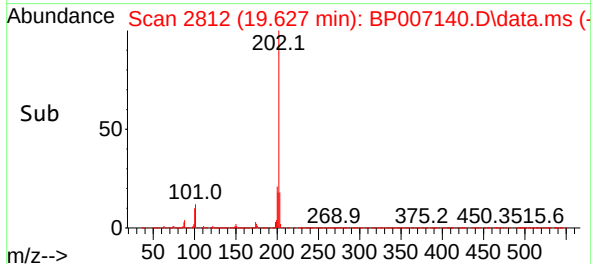
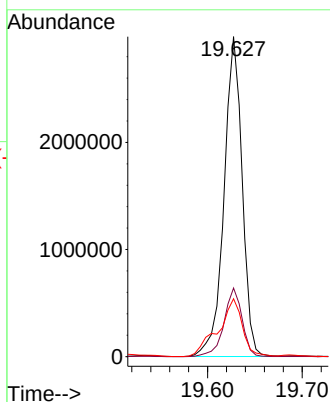
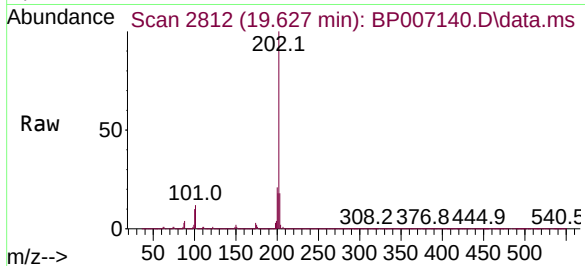




#78
 Pyrene
 Concen: 40.320 ng
 RT: 19.627 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BP007140.D
 Acq: 23 Sep 2021 23:53

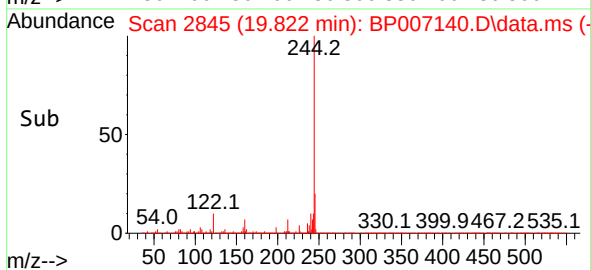
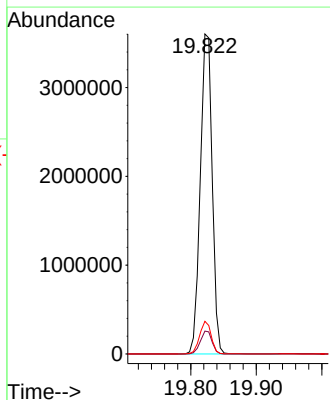
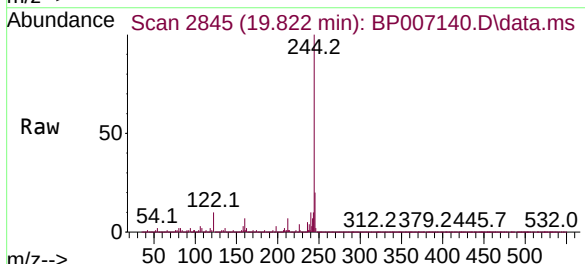
Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

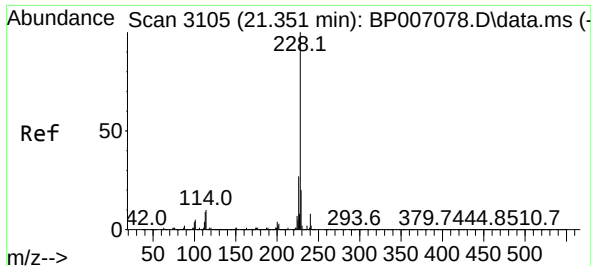
Tgt Ion:202 Resp: 3977166
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.3 24.5
 203 18.1 14.2 21.2



#79
 Terphenyl-d14
 Concen: 58.145 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.012 min
 Lab File: BP007140.D
 Acq: 23 Sep 2021 23:53

Tgt Ion:244 Resp: 4561966
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.2 7.1 10.7

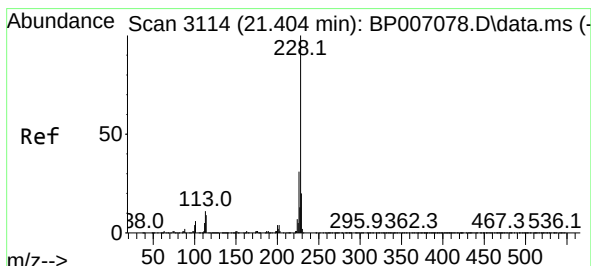
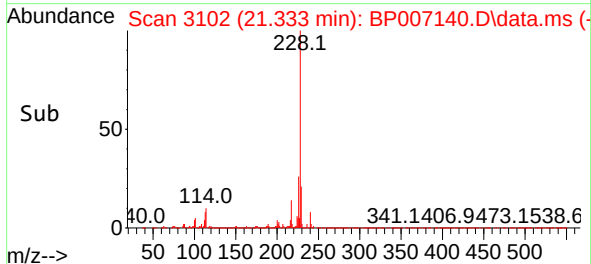
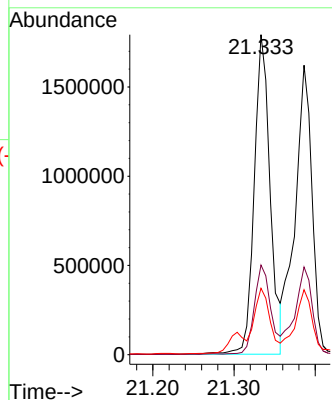
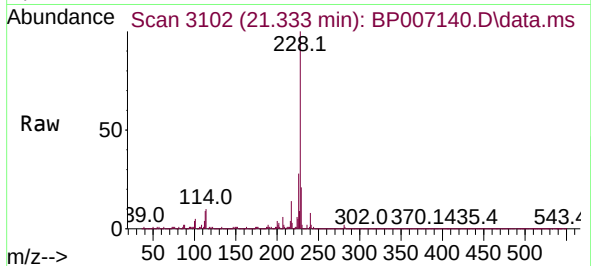




#81
Benzo(a)anthracene
Concen: 25.078 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

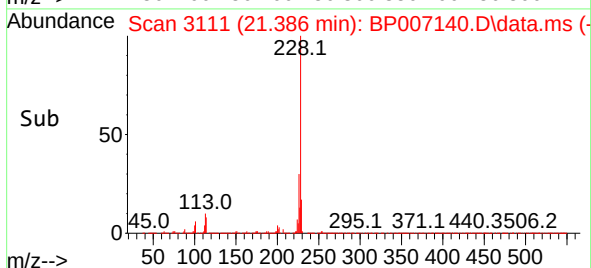
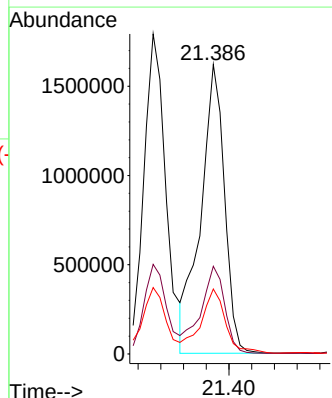
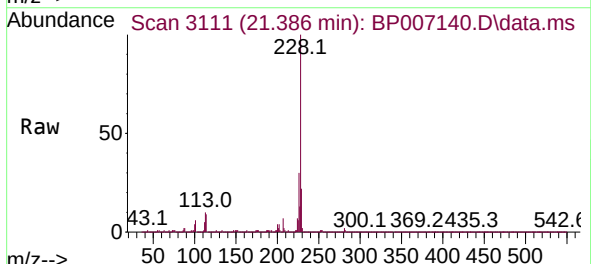
Instrument :
BNA_P
ClientSampleId :
COMP-1

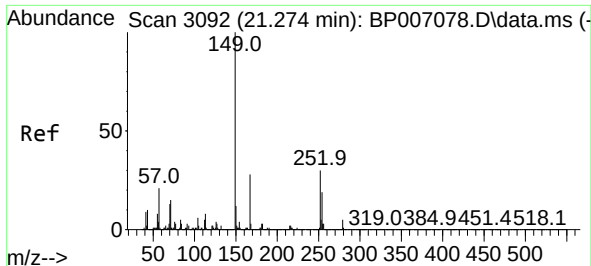
Tgt Ion:228 Resp: 2447319
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.8 15.8 23.6



#83
Chrysene
Concen: 25.221 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:228 Resp: 2352331
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 22.4 15.4 23.2

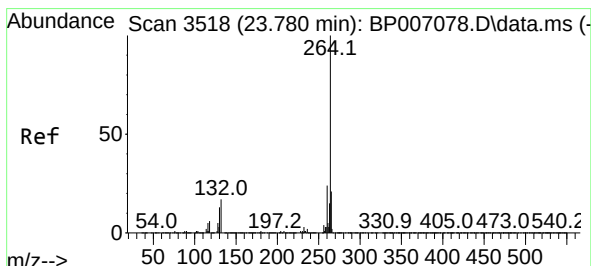
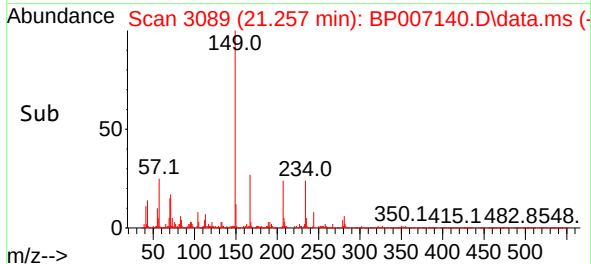
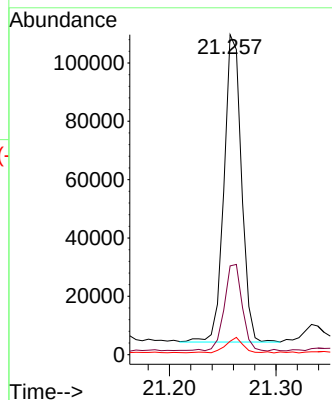
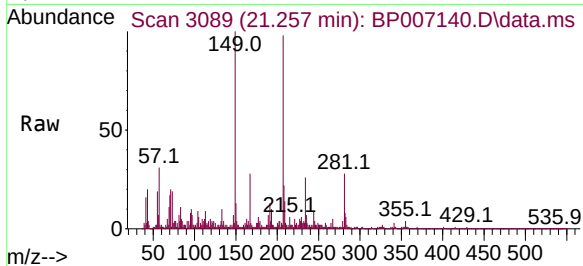




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.103 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

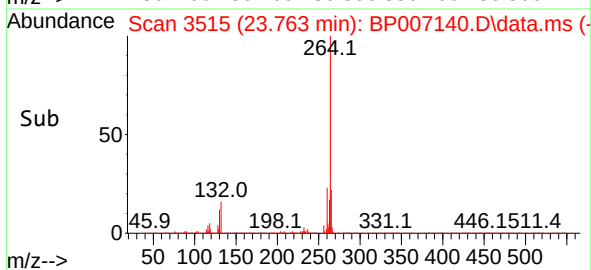
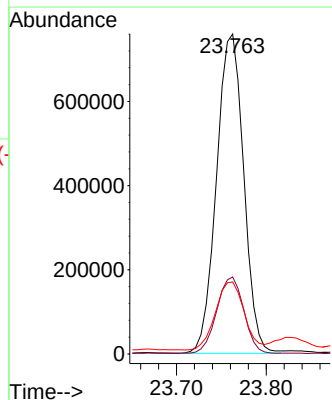
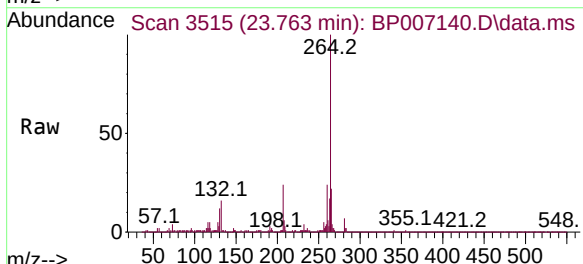
Instrument :
BNA_P
ClientSampleId :
COMP-1

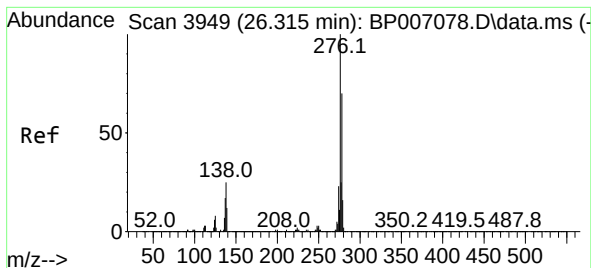
Tgt Ion:149 Resp: 119420
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 4.2 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:264 Resp: 1595885
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.6 26.4

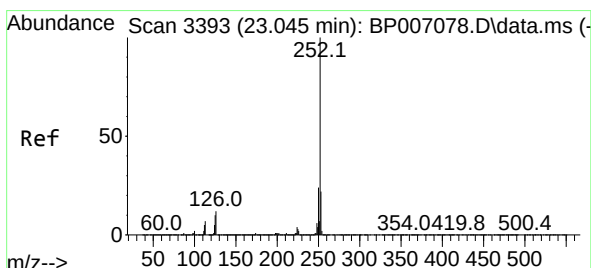
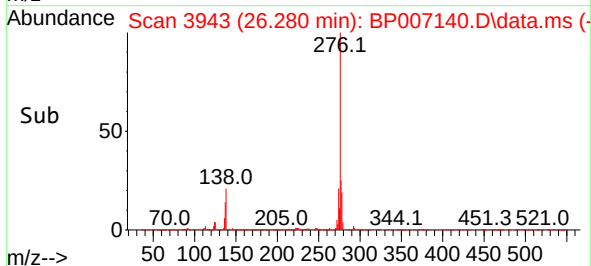
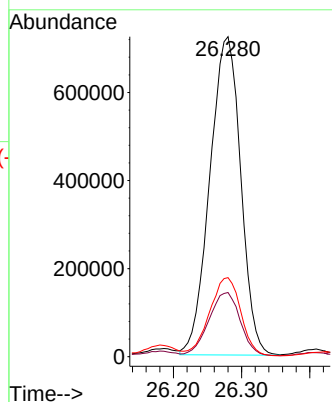
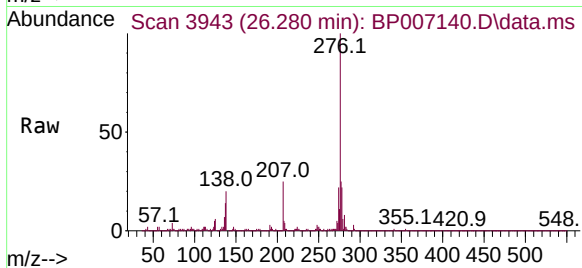




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.888 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.024 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

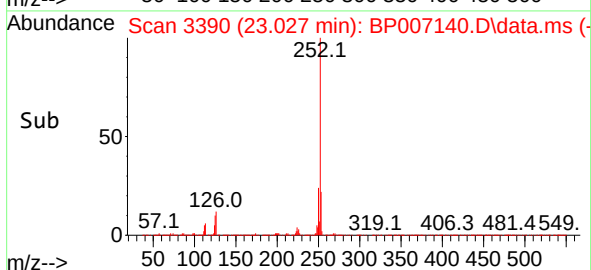
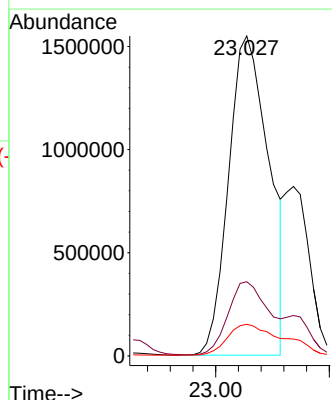
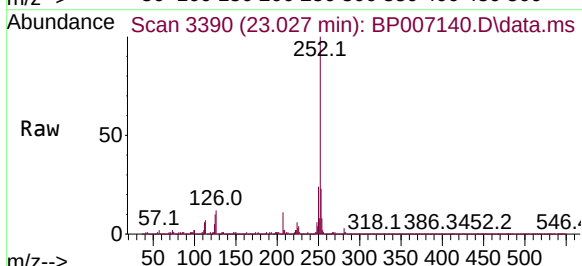
Instrument :
BNA_P
ClientSampleId :
COMP-1

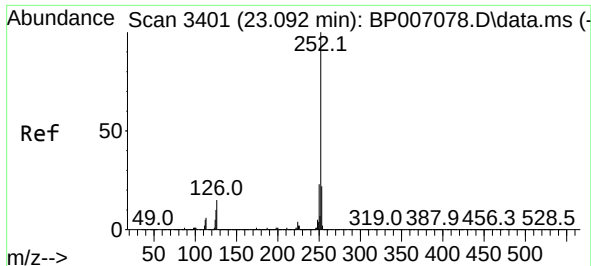
Tgt Ion:	276	Resp:	2280945
Ion Ratio	100	Lower	Upper
276	100		
138	20.2	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 40.041 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:	252	Resp:	3818792
Ion Ratio	100	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.9	6.2	9.4

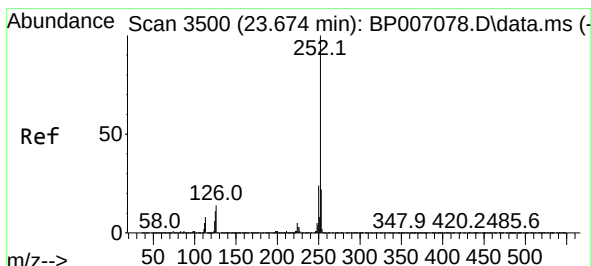
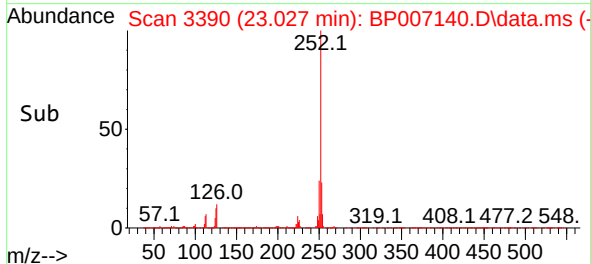
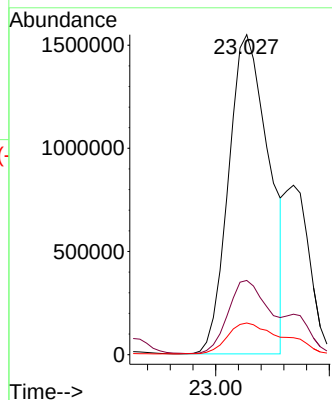
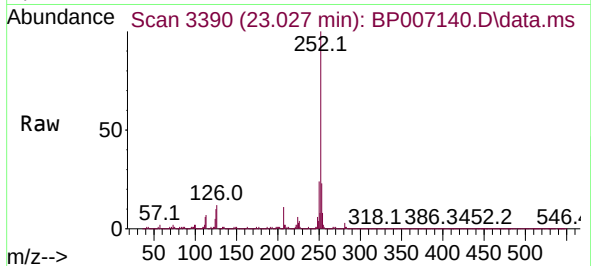




#89
Benzo(k)fluoranthene
Concen: 39.547 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.059 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

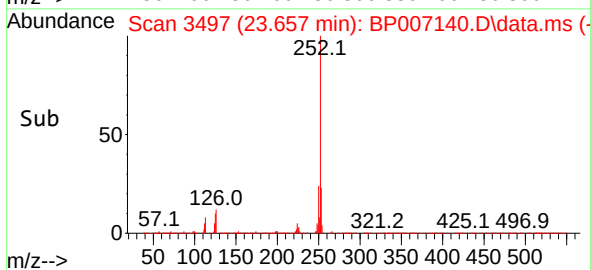
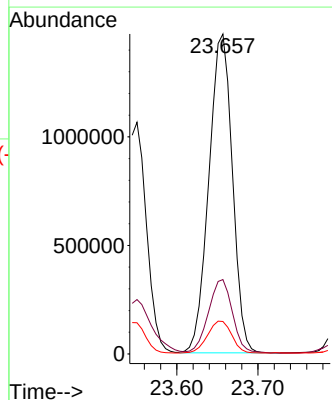
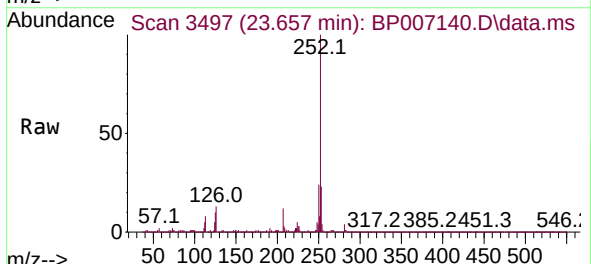
Instrument :
BNA_P
ClientSampleId :
COMP-1

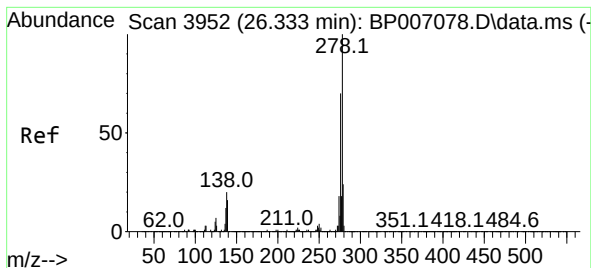
Tgt Ion:252 Resp: 3818792
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.9 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 36.530 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:252 Resp: 2959965
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.1 6.5 9.7#

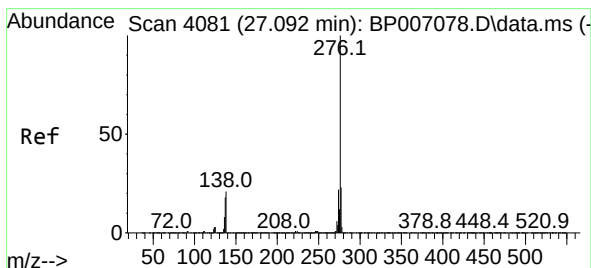
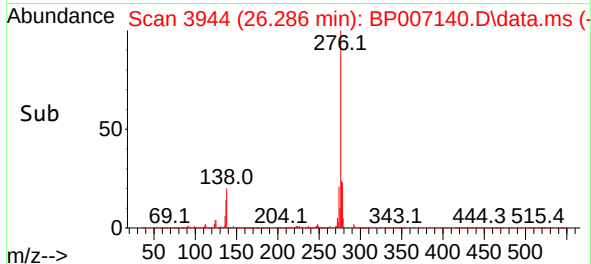
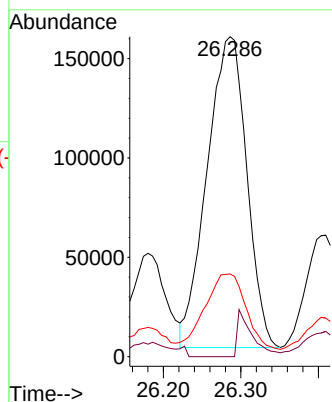
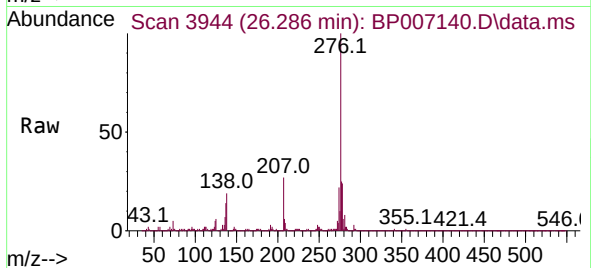




#91
Dibenzo(a,h)anthracene
Concen: 5.803 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.029 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:278 Resp: 557764
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 25.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.918 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.018 min
Lab File: BP007140.D
Acq: 23 Sep 2021 23:53

Tgt Ion:276 Resp: 2055806
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 19.8 12.6 18.8#

