

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007135.D
 Acq On : 23 Sep 2021 21:02
 Operator : CG/JU
 Sample : M3886-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Sep 24 01:02:08 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)

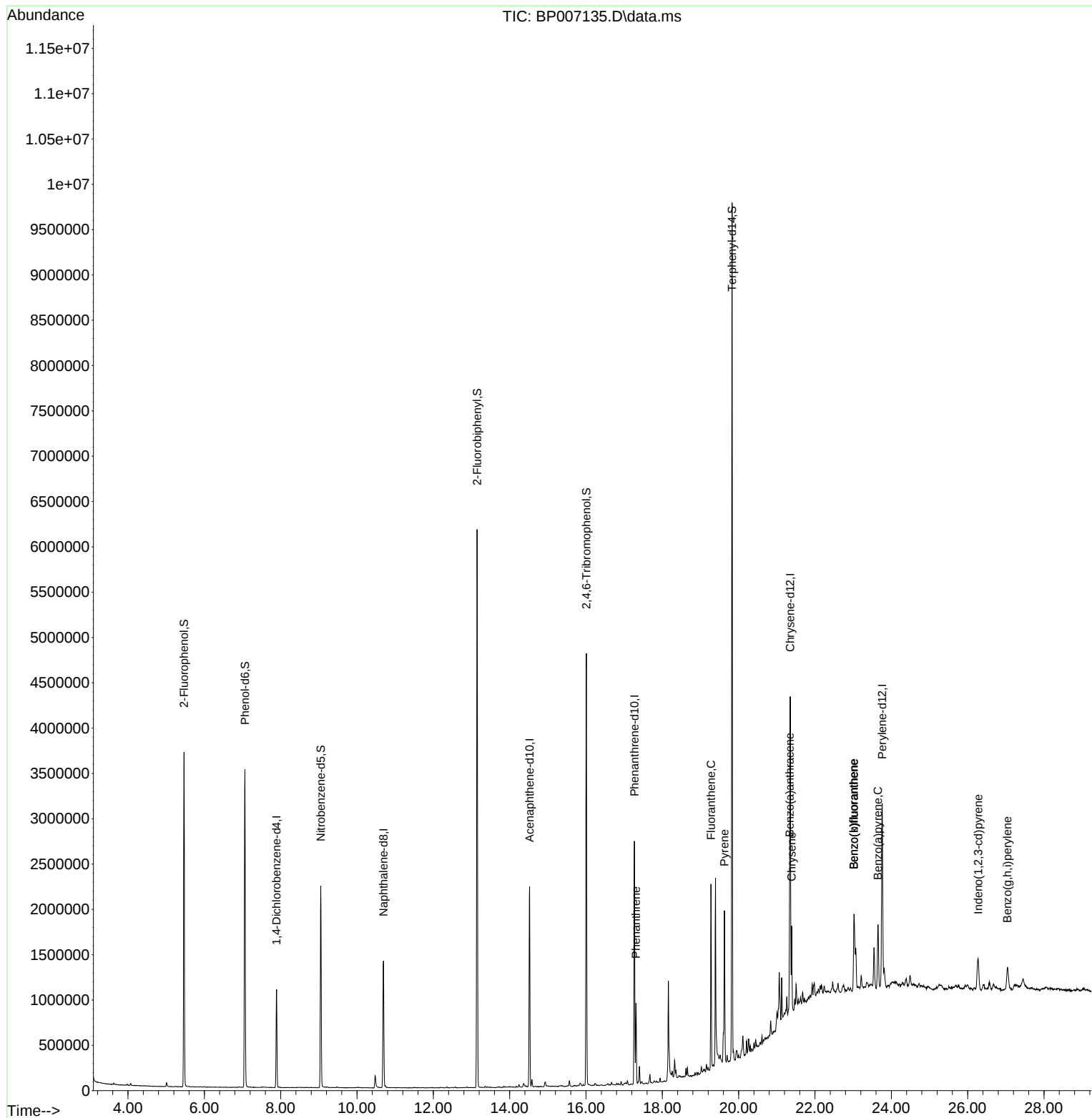
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	312837	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1233271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	771465	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1562772	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1481996	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1589738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1770606	94.742	ng	0.00
7) Phenol-d6	7.063	99	2208707	86.471	ng	0.00
23) Nitrobenzene-d5	9.052	82	1288281	60.834	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1026138	102.597	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3258882	60.518	ng	0.00
79) Terphenyl-d14	19.827	244	4446483	57.494	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.310	178	544885	6.503	ng	99
75) Fluoranthene	19.275	202	1152808	11.941	ng	97
78) Pyrene	19.627	202	995914	10.243	ng	99
81) Benzo(a)anthracene	21.333	228	593717	6.172	ng	98
83) Chrysene	21.386	228	544635	5.924	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	358621	3.139	ng	98
88) Benzo(b)fluoranthene	23.021	252	749992	7.894	ng	# 95
89) Benzo(k)fluoranthene	23.021	252	749992	7.797	ng	# 95
90) Benzo(a)pyrene	23.651	252	521548	6.462	ng	# 94
92) Benzo(g,h,i)perylene	27.045	276	332477	3.558	ng	# 93

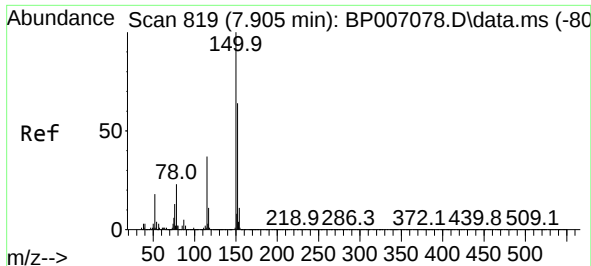
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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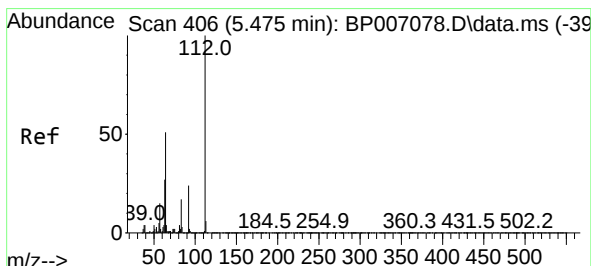
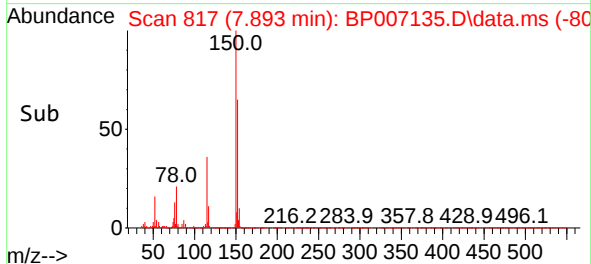
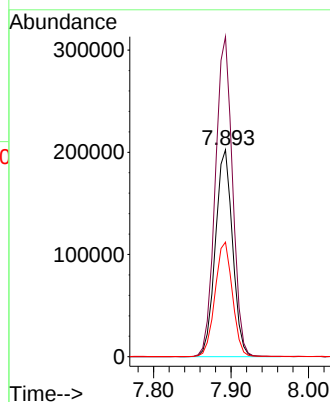
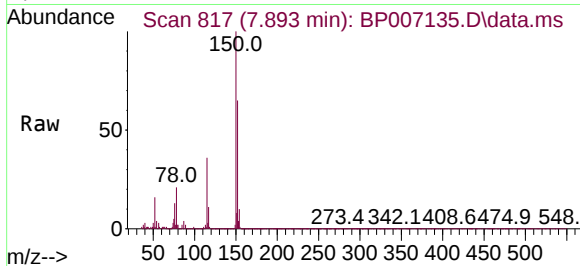




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

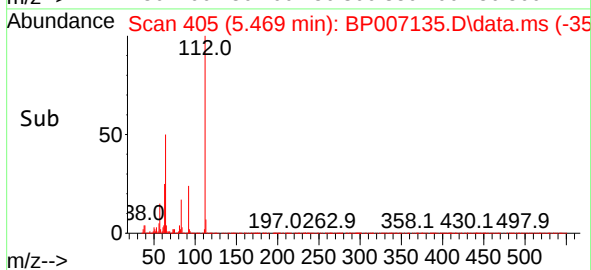
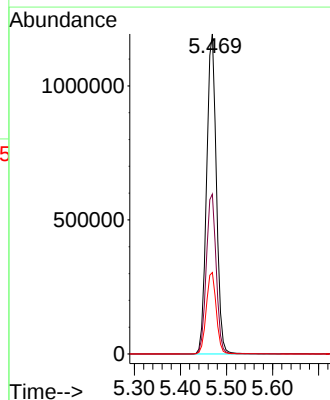
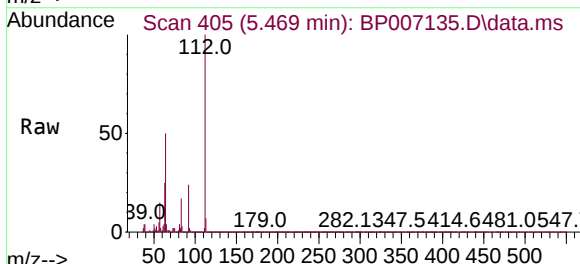
Instrument :
BNA_P
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Tgt Ion:152 Resp: 312837
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 55.4 48.5 72.7



#5
2-Fluorophenol
Concen: 94.742 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:112 Resp: 1770606
Ion Ratio Lower Upper
112 100
64 50.0 41.4 62.2
63 25.5 23.8 35.8

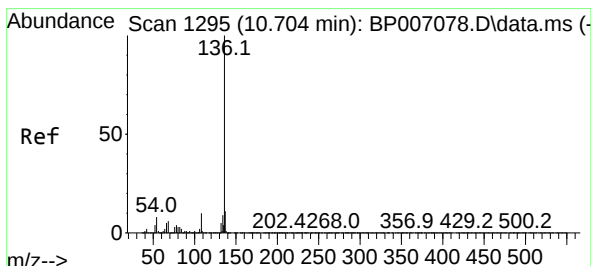
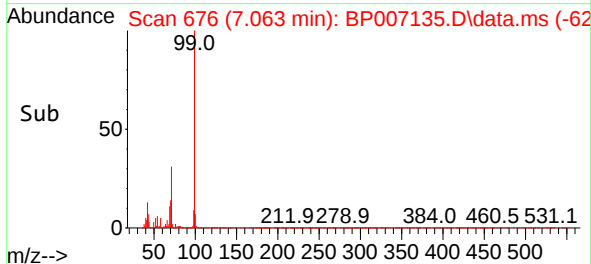
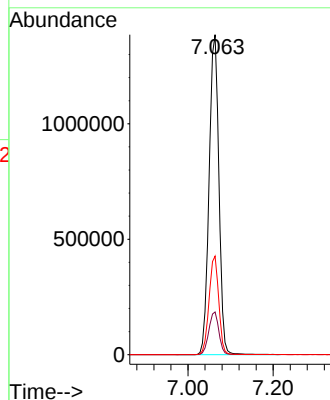
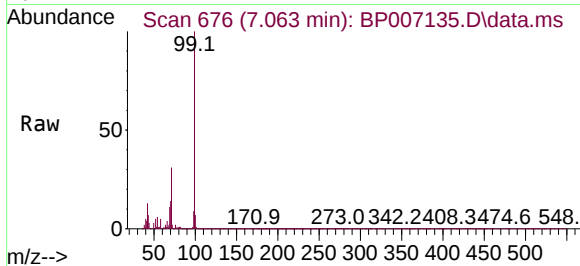




#7
Phenol-d6
Concen: 86.471 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

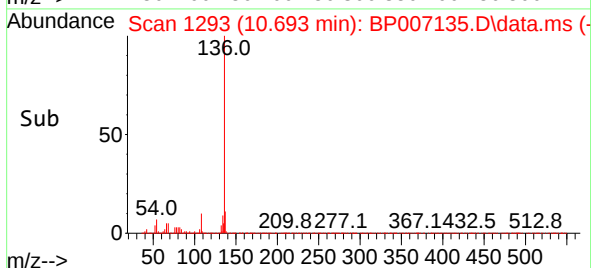
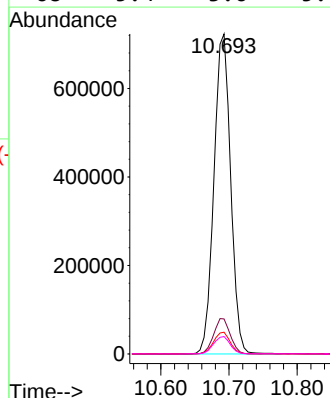
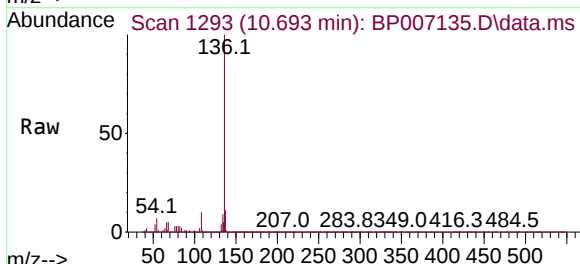
Instrument :
BNA_P
ClientSampleId :
COMP-2

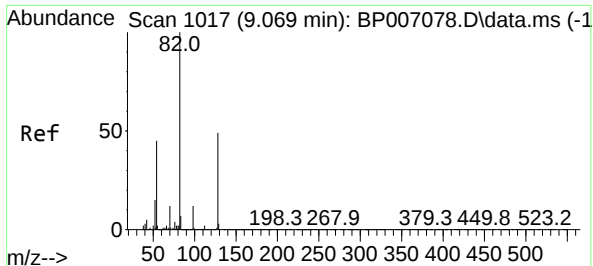
Tgt Ion: 99 Resp: 2208707
Ion Ratio Lower Upper
99 100
42 13.4 13.4 20.0
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:136 Resp: 1233271
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 4.6 6.8
68 5.4 3.6 5.4#

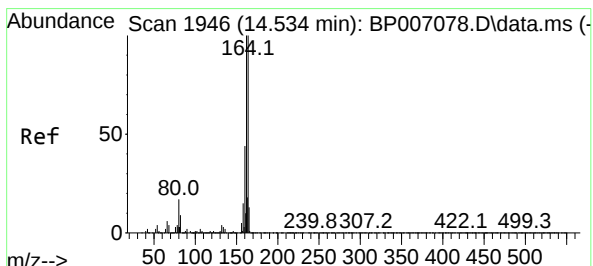
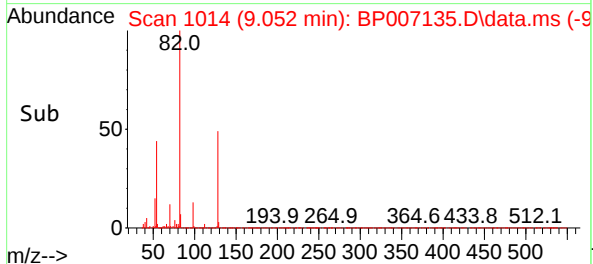
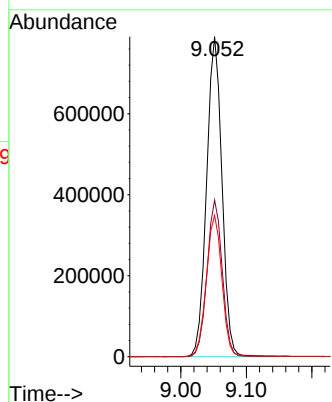
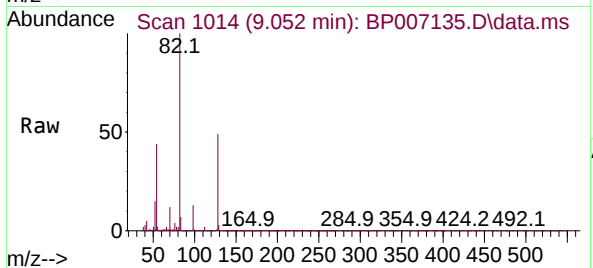




#23
Nitrobenzene-d5
Concen: 60.834 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

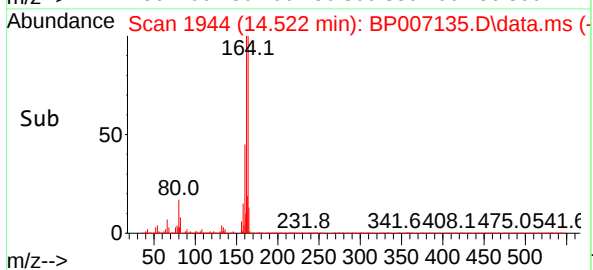
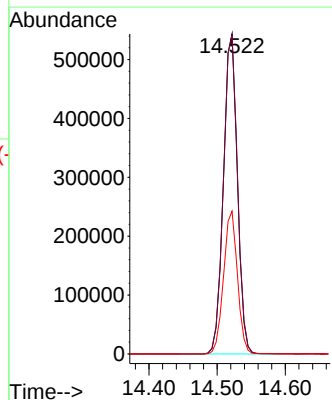
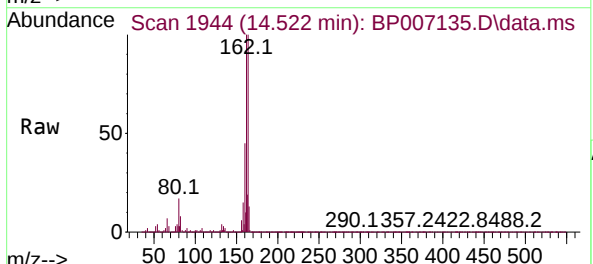
Instrument :
BNA_P
ClientSampleId :
COMP-2

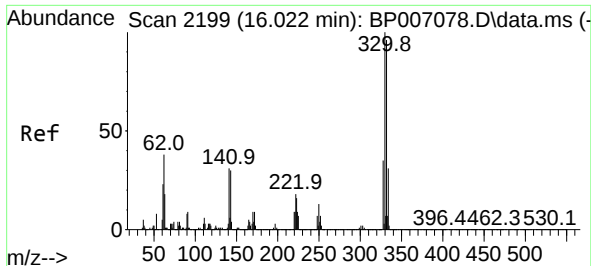
Tgt Ion: 82 Resp: 1288281
Ion Ratio Lower Upper
82 100
128 48.9 35.7 53.5
54 44.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:164 Resp: 771465
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 44.6 34.5 51.7

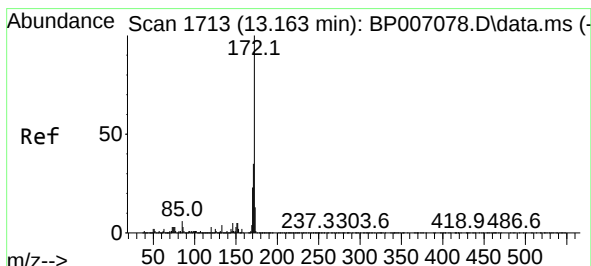
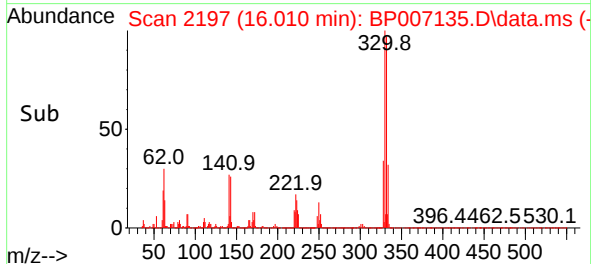
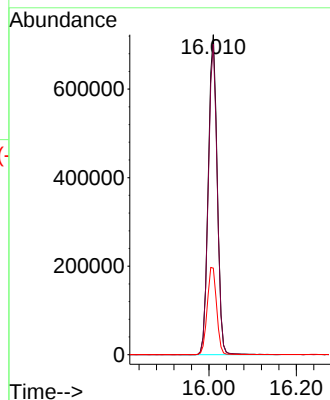
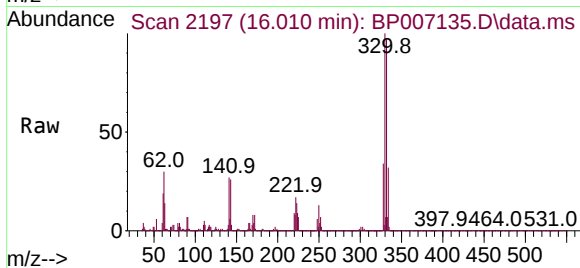




#42
2,4,6-Tribromophenol
Concen: 102.597 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

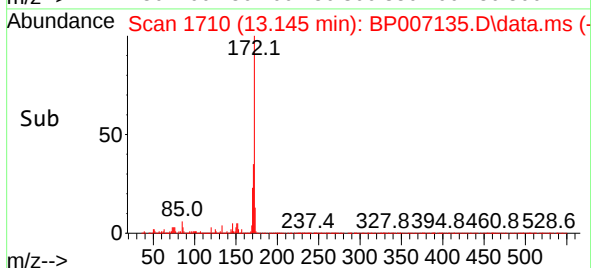
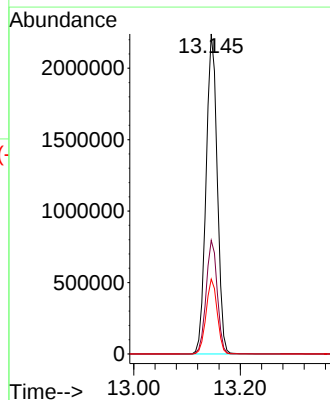
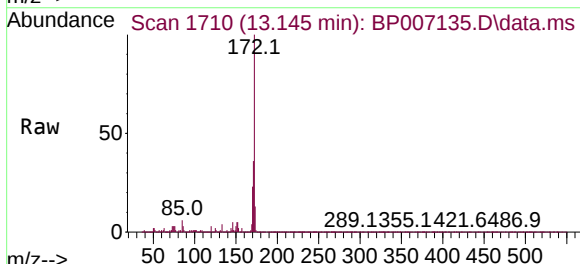
Instrument :
BNA_P
ClientSampleId :
COMP-2

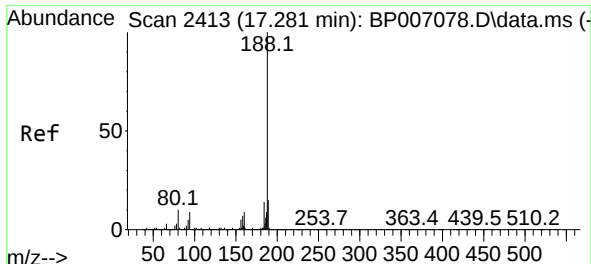
Tgt Ion:330 Resp: 1026138
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 28.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.518 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:172 Resp: 3258882
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 18.6 27.8

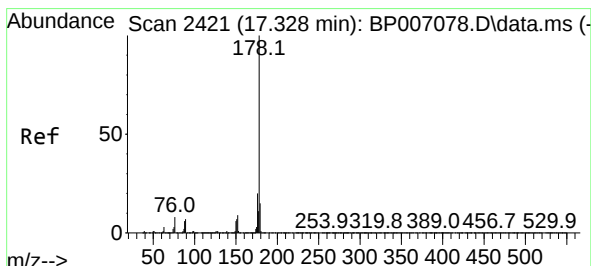
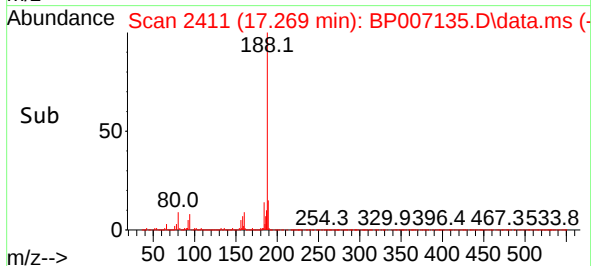
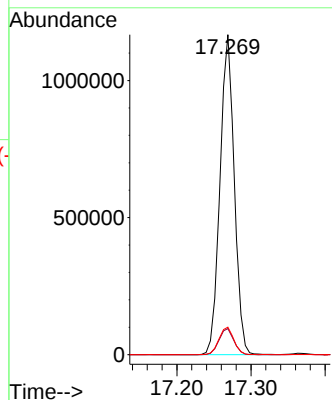
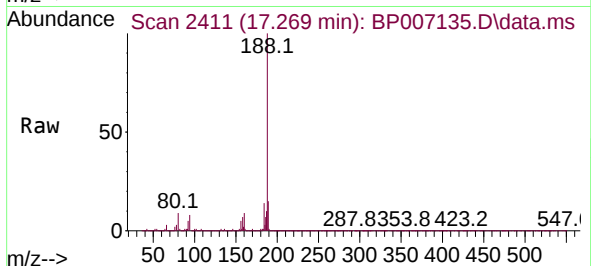




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

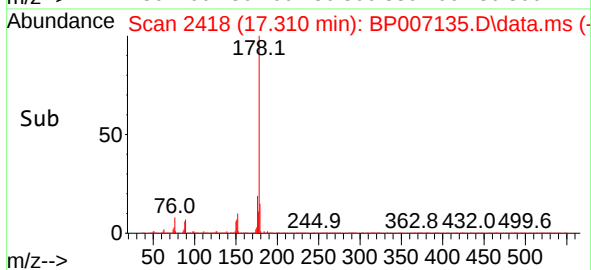
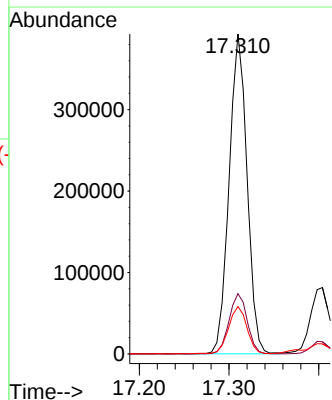
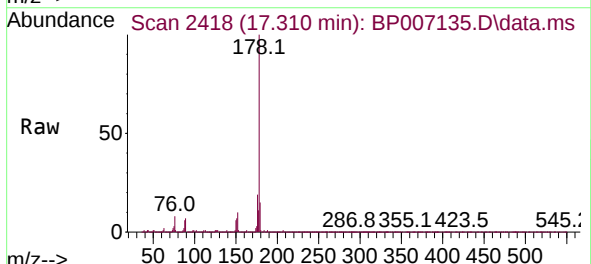
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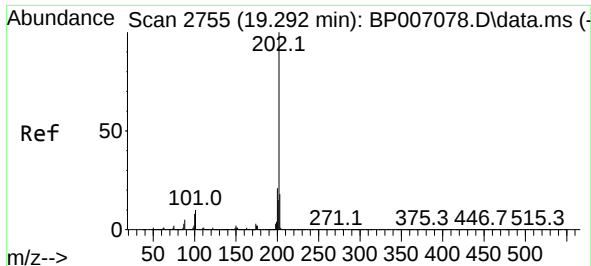
Tgt Ion:188 Resp: 1562772
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.6 6.3 9.5



#71
Phenanthrene
Concen: 6.503 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:178 Resp: 544885
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 14.8 12.4 18.6

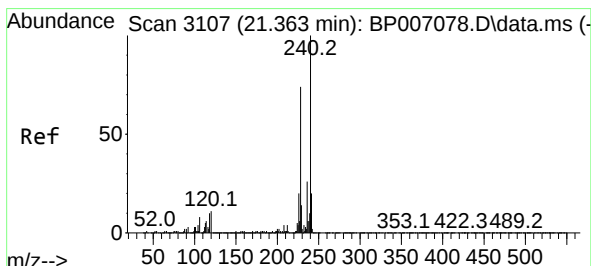
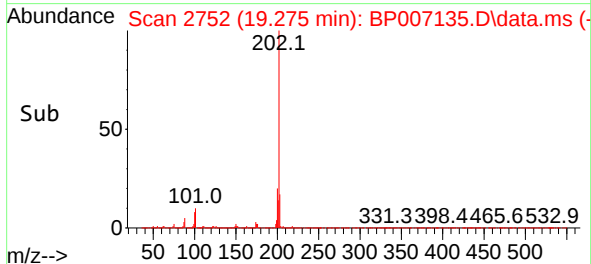
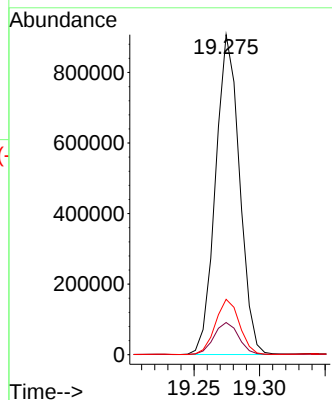
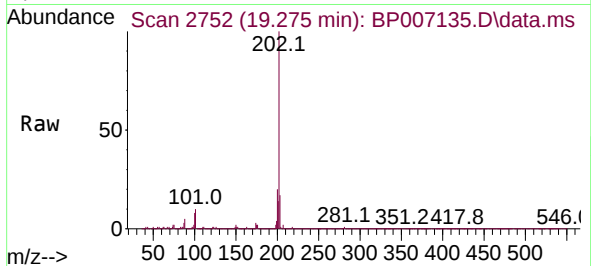




#75
Fluoranthene
Concen: 11.941 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

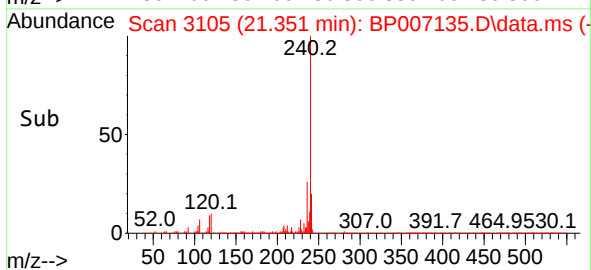
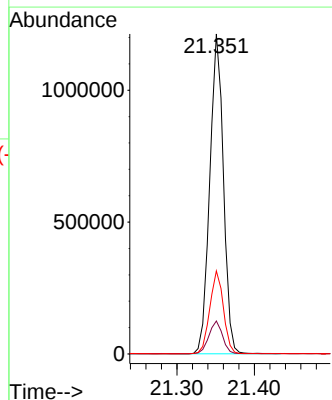
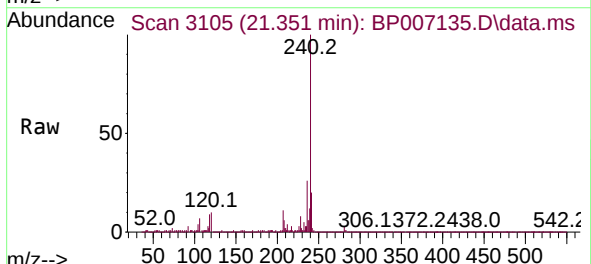
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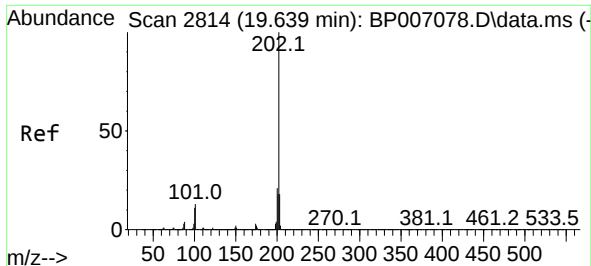
Tgt Ion:202 Resp: 1152808
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:240 Resp: 1481996
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 25.9 20.6 31.0

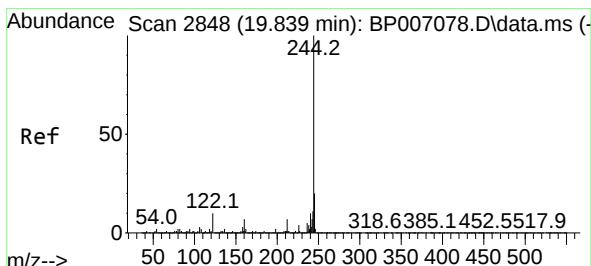
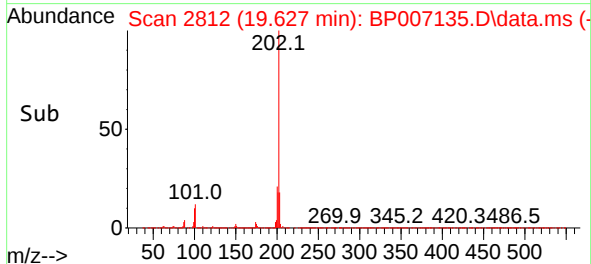
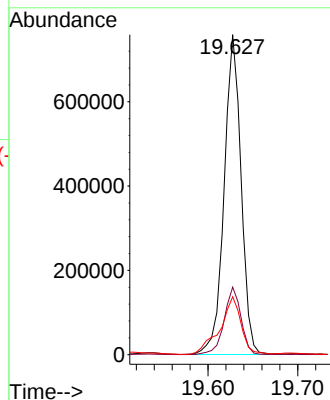
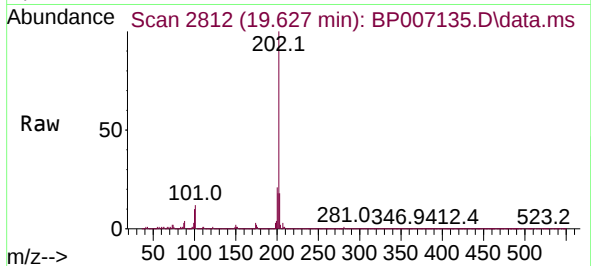




#78
Pyrene
Concen: 10.243 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

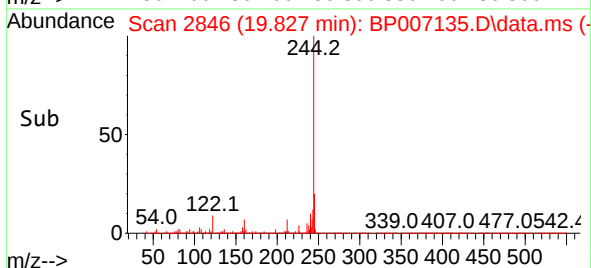
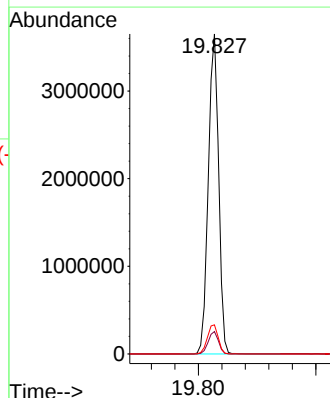
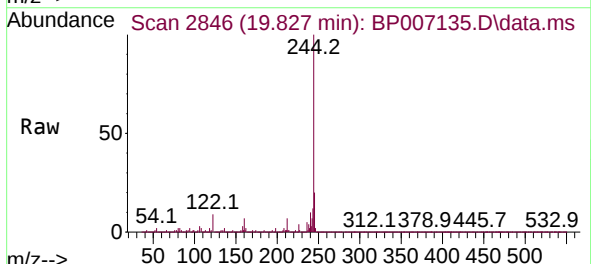
Instrument :
BNA_P
ClientSampleId :
COMP-2

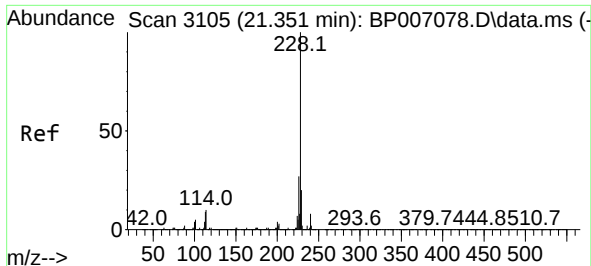
Tgt Ion:202 Resp: 995914
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 57.494 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:244 Resp: 4446483
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.1 7.1 10.7

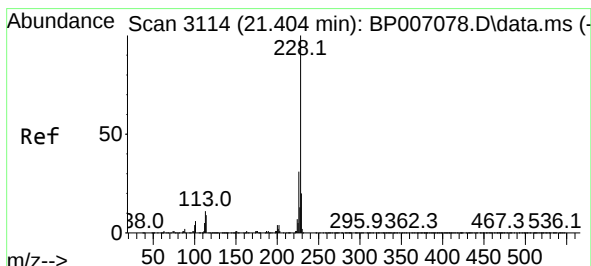
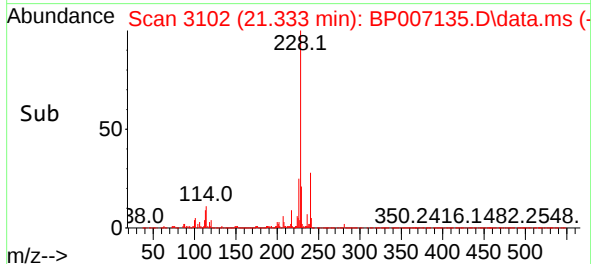
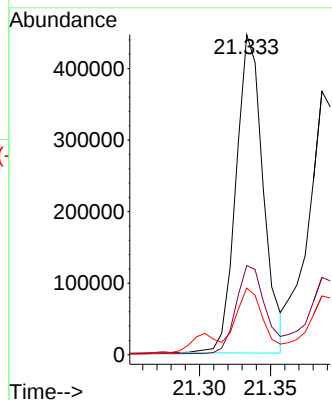
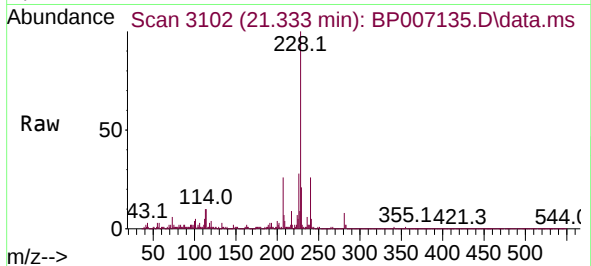




#81
Benzo(a)anthracene
Concen: 6.172 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

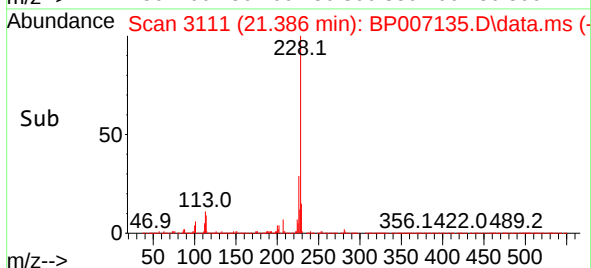
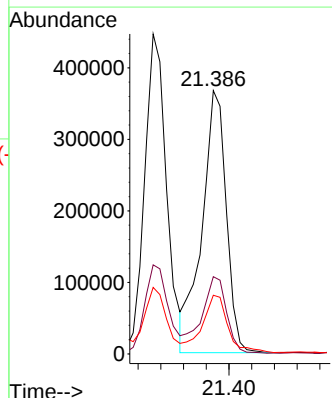
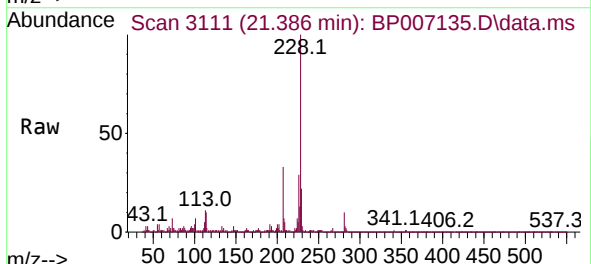
Instrument :
BNA_P
ClientSampled :
COMP-2

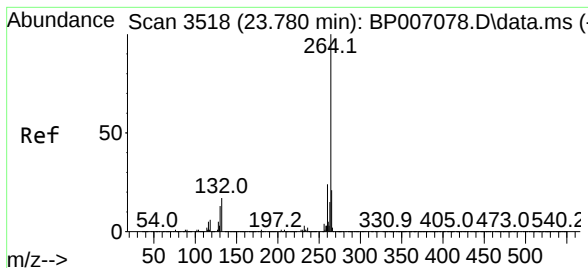
Tgt Ion:228 Resp: 593717
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.8 15.8 23.6



#83
Chrysene
Concen: 5.924 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:228 Resp: 544635
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 22.3 15.4 23.2

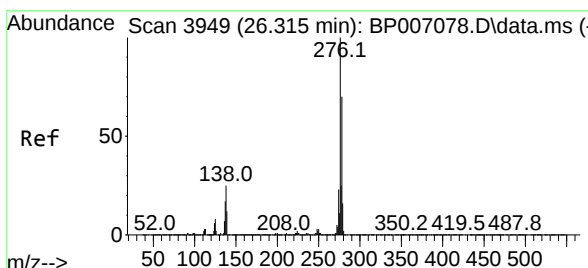
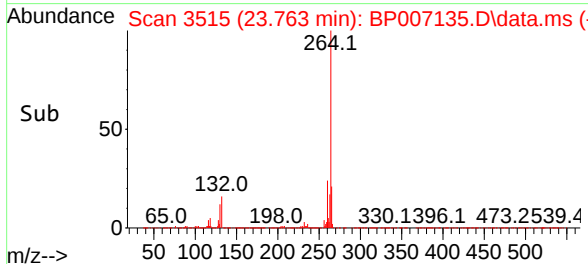
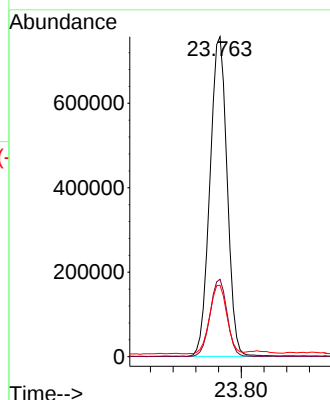
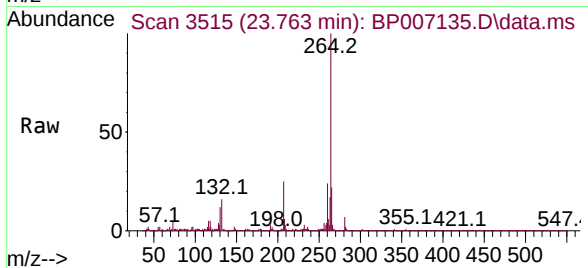




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

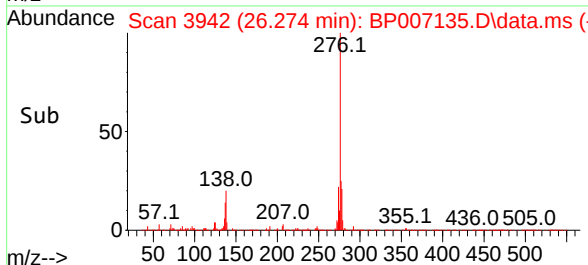
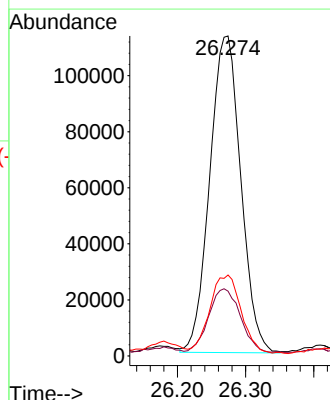
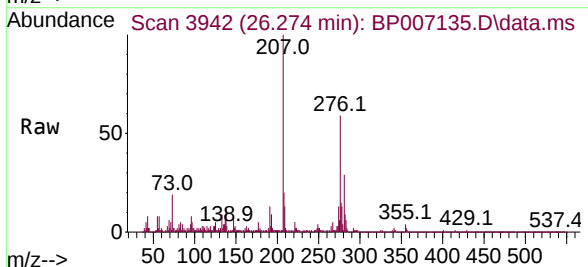
Instrument :
BNA_P
ClientSampleId :
COMP-2

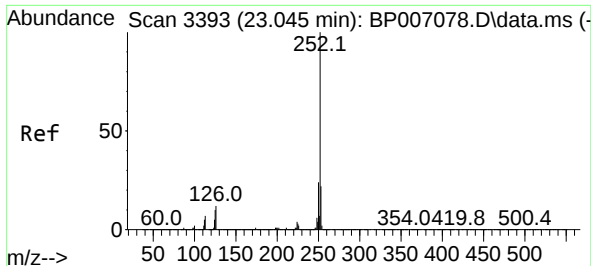
Tgt Ion:264 Resp: 1589738
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.3 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.139 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.030 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:276 Resp: 358621
Ion Ratio Lower Upper
276 100
138 20.3 15.3 22.9
277 24.8 20.4 30.6

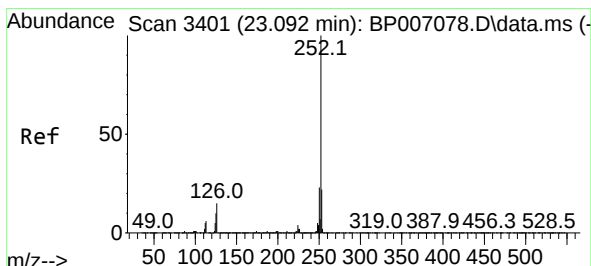
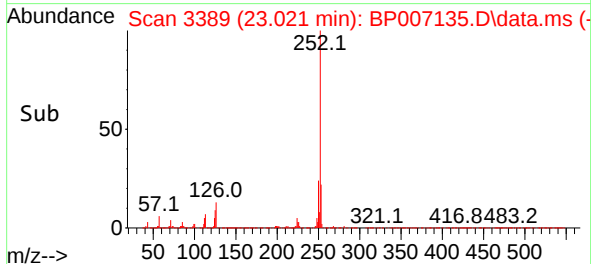
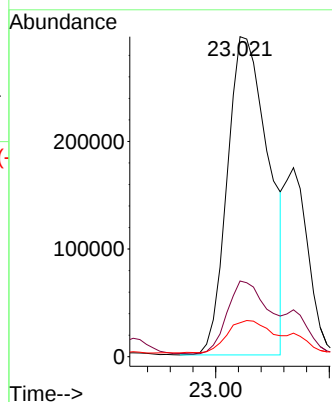
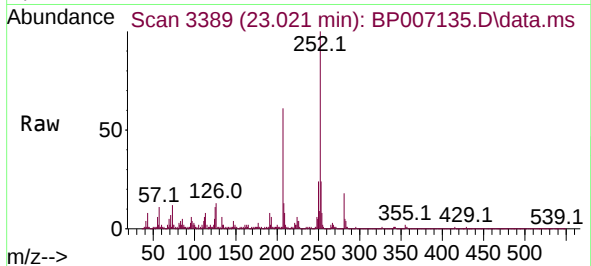




#88
Benzo(b)fluoranthene
Concen: 7.894 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

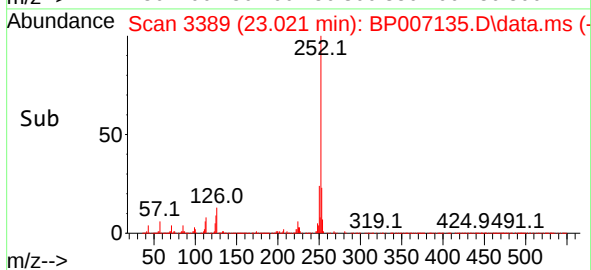
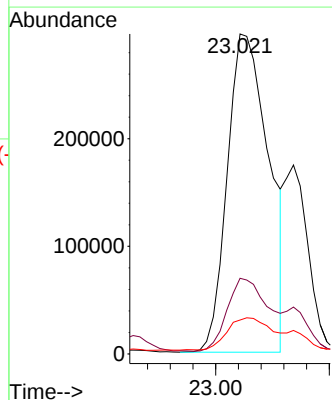
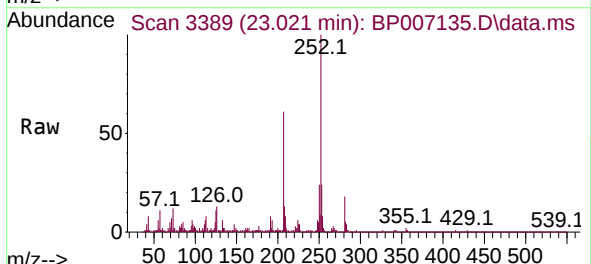
Instrument :
BNA_P
ClientSampleId :
COMP-2

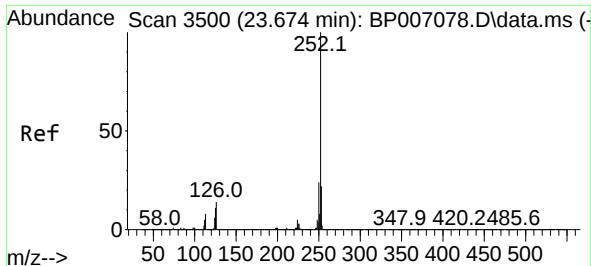
Tgt Ion:252 Resp: 749992
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 10.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 7.797 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.065 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:252 Resp: 749992
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.6 6.0 9.0#

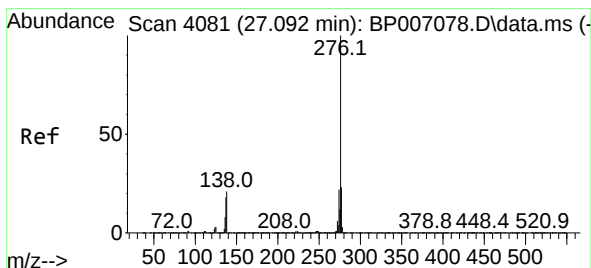
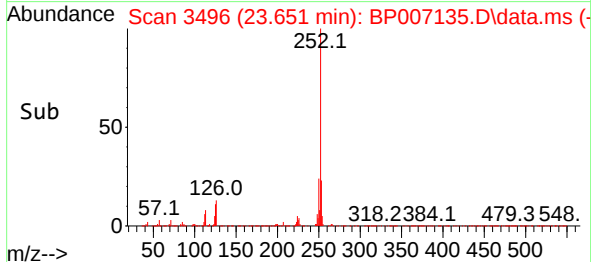
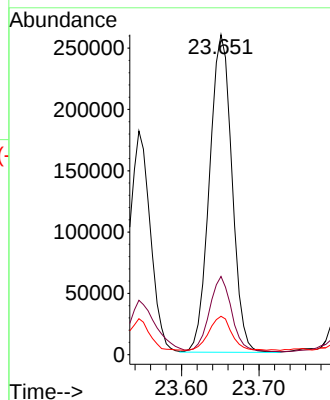
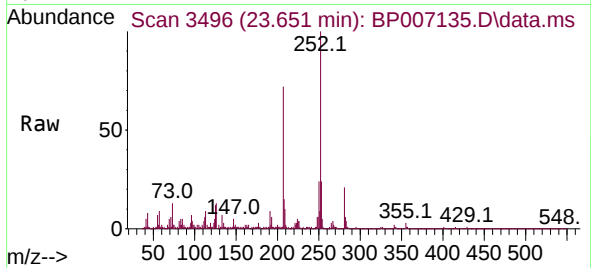




#90
Benzo(a)pyrene
Concen: 6.462 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Instrument :
BNA_P
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 521548
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 12.0 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.558 ng
RT: 27.045 min Scan# 4073
Delta R.T. -0.030 min
Lab File: BP007135.D
Acq: 23 Sep 2021 21:02

Tgt Ion:276 Resp: 332477
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 21.3 12.6 18.8#

