

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007127.D
 Acq On : 23 Sep 2021 15:42
 Operator : CG/JU
 Sample : M3871-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS03-BL-(0.0)

Quant Time: Sep 23 16:08:25 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)

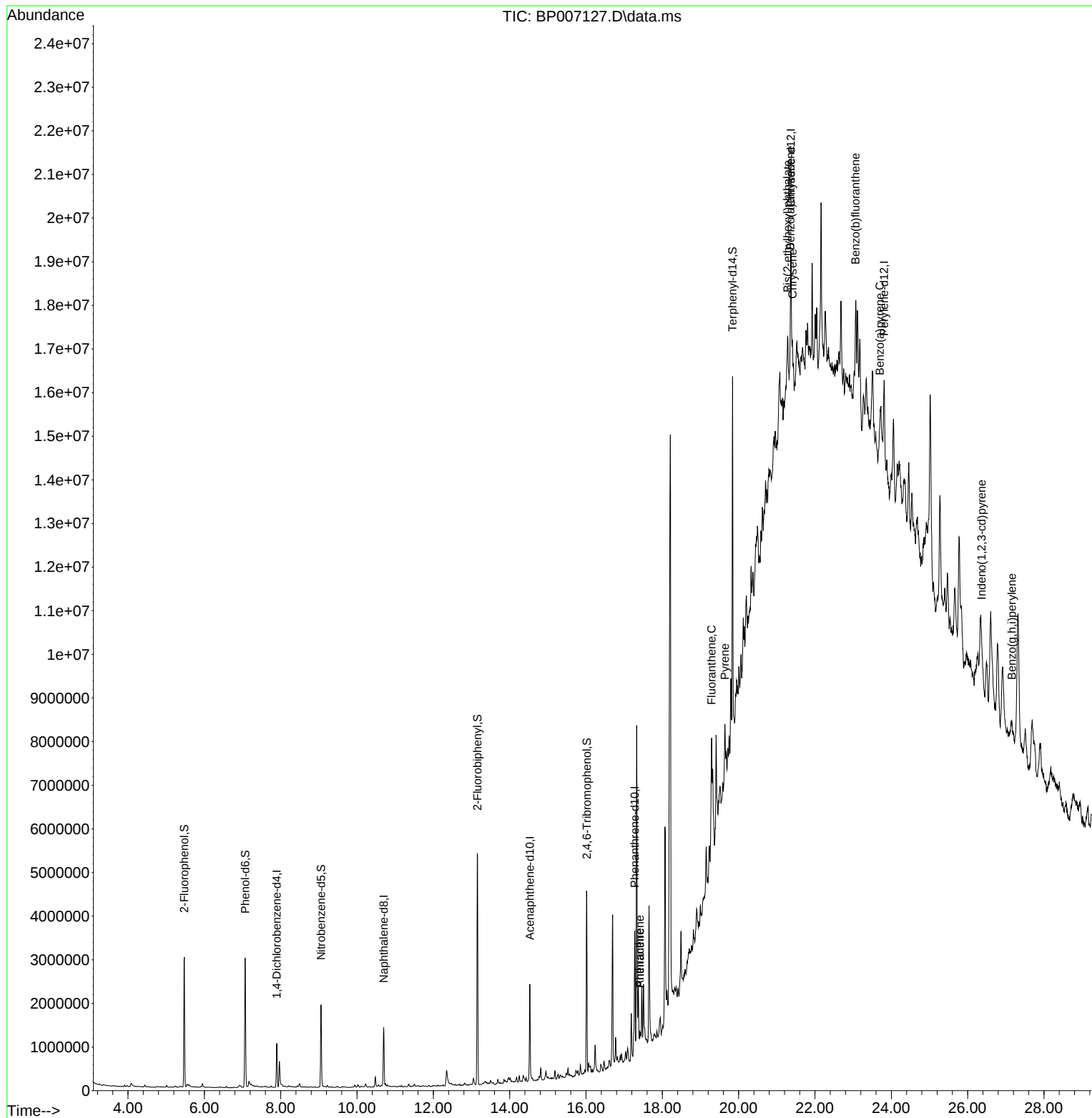
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	294116	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1162694	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	734798	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1500520	20.000	ng	# 0.00
76) Chrysene-d12	21.369	240	1435808	20.000	ng	# 0.01
86) Perylene-d12	23.810	264	1612784	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1430327	81.406	ng	0.01
7) Phenol-d6	7.069	99	1843385	76.762	ng	0.00
23) Nitrobenzene-d5	9.057	82	1110923	55.643	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	884656	92.865	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	2954859	57.610	ng	0.00
79) Terphenyl-d14	19.839	244	4202348	56.085	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.410	178	164556	2.045	ng	96
72) Anthracene	17.410	178	164556	2.091	ng	# 96
75) Fluoranthene	19.286	202	923089	9.958	ng	95
78) Pyrene	19.639	202	896743	9.519	ng	97
81) Benzo(a)anthracene	21.357	228	563086	6.042	ng	# 90
83) Chrysene	21.410	228	599406	6.729	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.280	149	213210	3.931	ng	# 77
87) Indeno(1,2,3-cd)pyrene	26.368	276	445821	3.846	ng	97
88) Benzo(b)fluoranthene	23.063	252	1177444	12.216	ng	# 29
90) Benzo(a)pyrene	23.698	252	550357	6.721	ng	# 38
92) Benzo(g,h,i)perylene	27.156	276	467951	4.937	ng	# 76

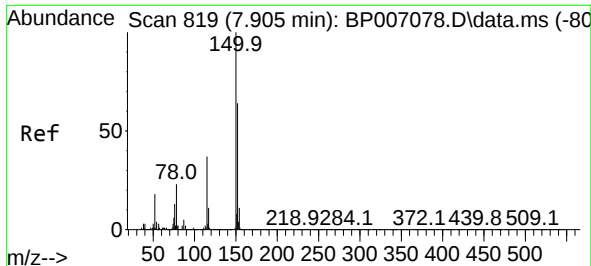
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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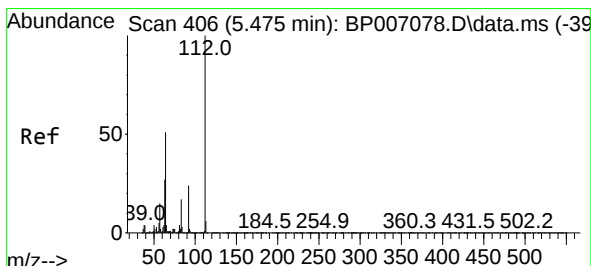
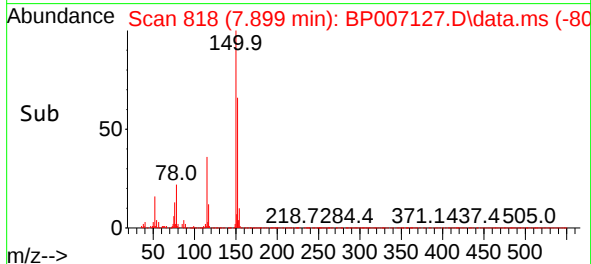
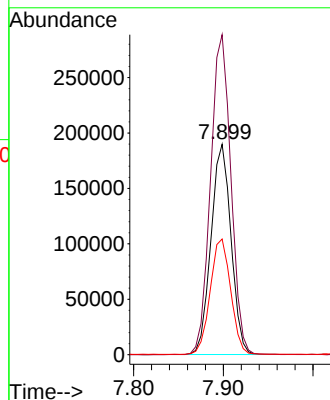
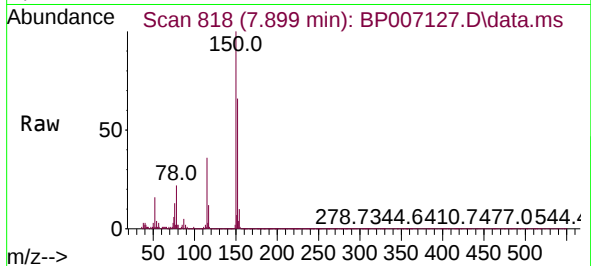




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

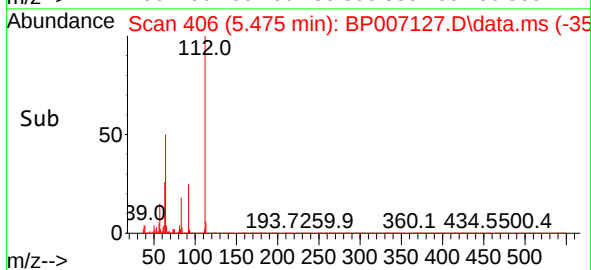
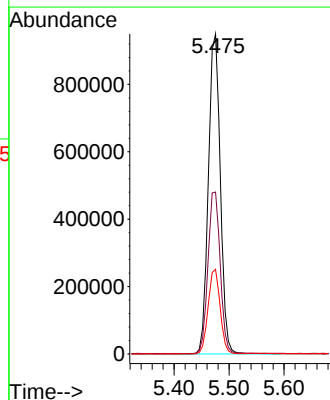
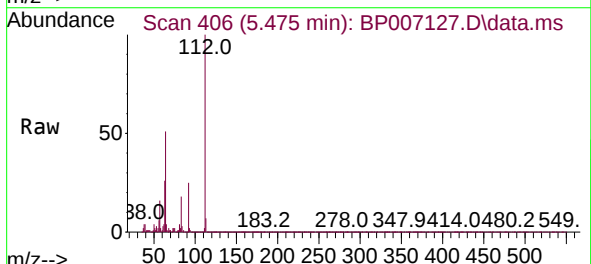
Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)

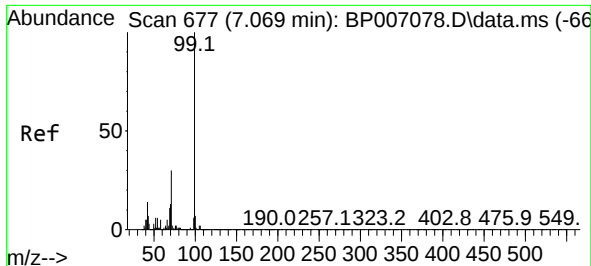
Tgt Ion:152 Resp: 294116
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 54.9 48.5 72.7



#5
2-Fluorophenol
Concen: 81.406 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.012 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:112 Resp: 1430327
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 26.5 23.8 35.8

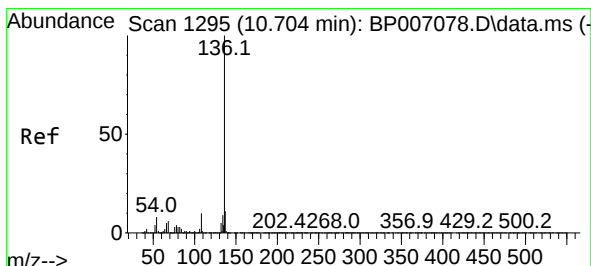
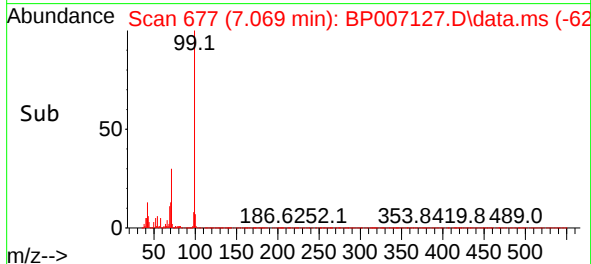
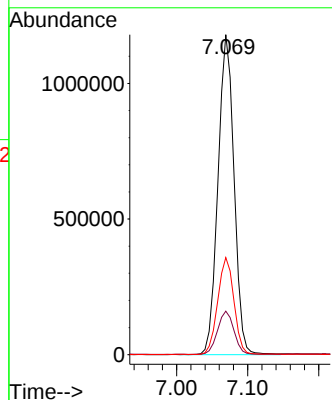
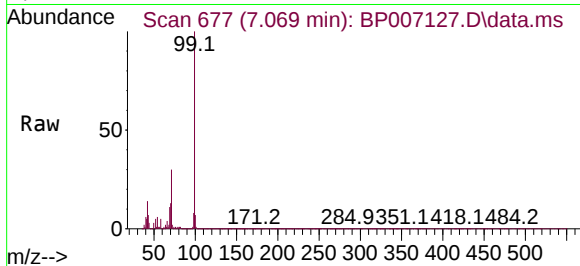




#7
Phenol-d6
Concen: 76.762 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

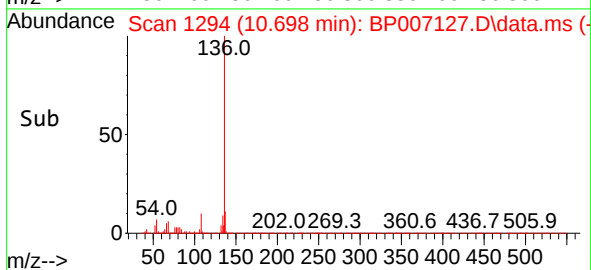
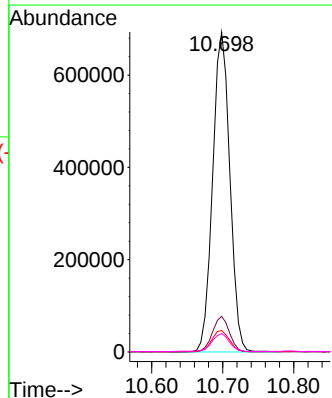
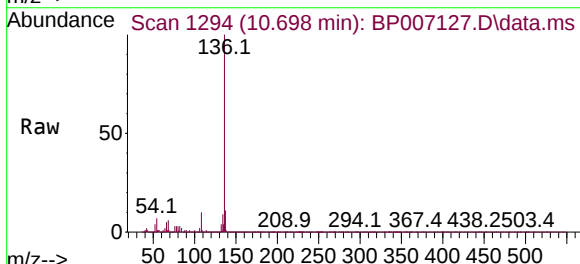
Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)

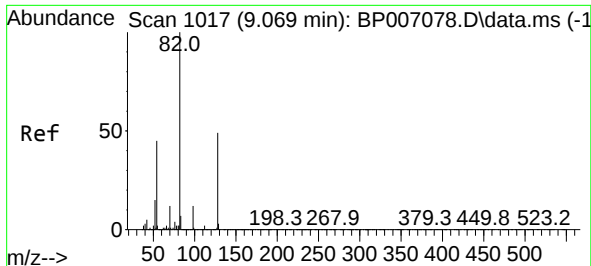
Tgt Ion: 99 Resp: 1843385
Ion Ratio Lower Upper
99 100
42 13.6 13.4 20.0
71 30.3 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:136 Resp: 1162694
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 4.6 6.8
68 5.8 3.6 5.4#

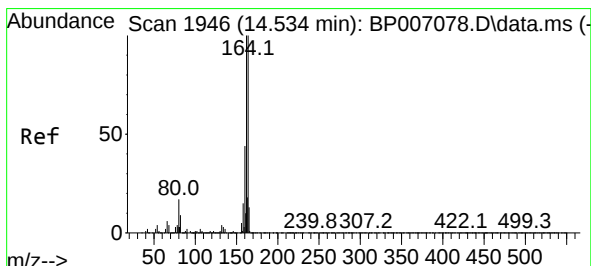
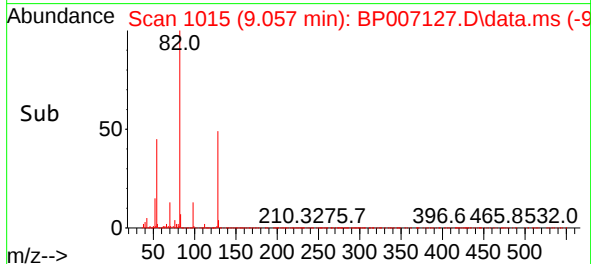
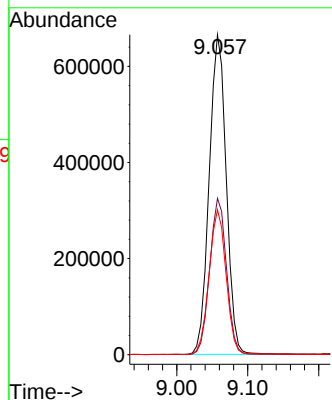
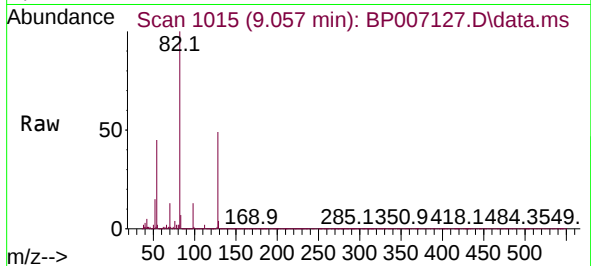




#23
Nitrobenzene-d5
Concen: 55.643 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

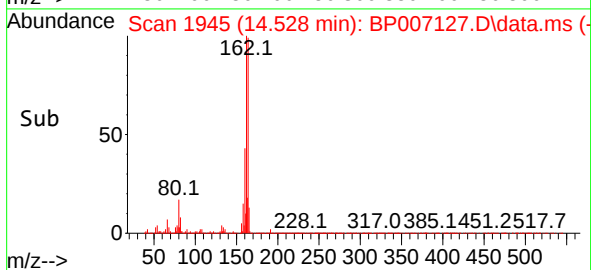
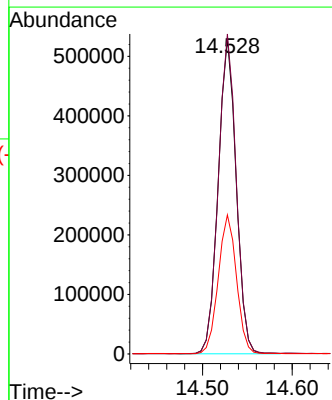
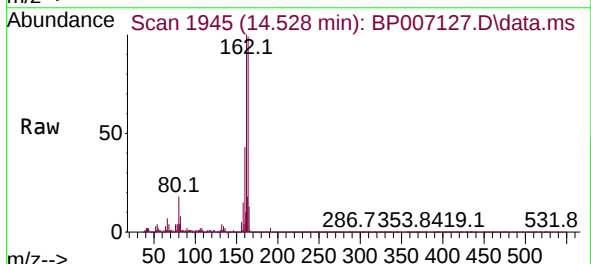
Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)

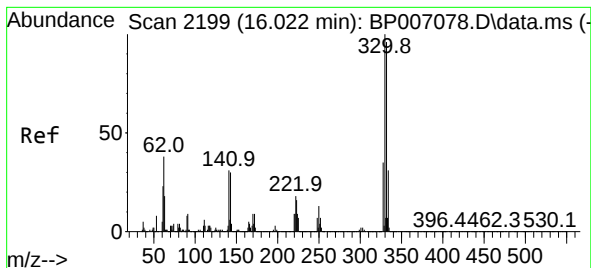
Tgt Ion: 82 Resp: 1110923
Ion Ratio Lower Upper
82 100
128 48.8 35.7 53.5
54 45.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:164 Resp: 734798
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 44.1 34.5 51.7

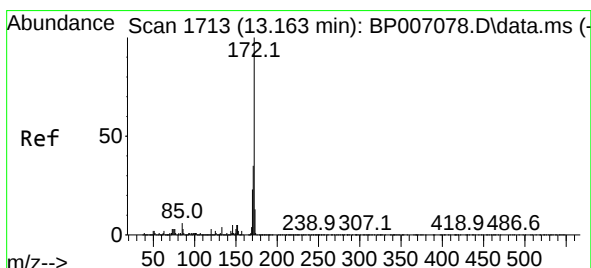
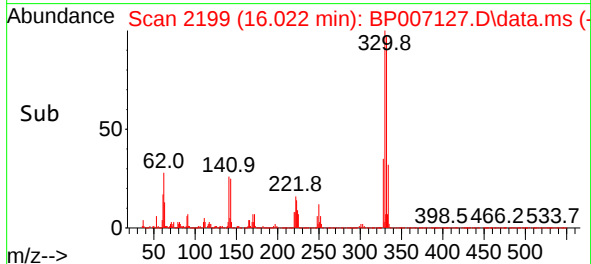
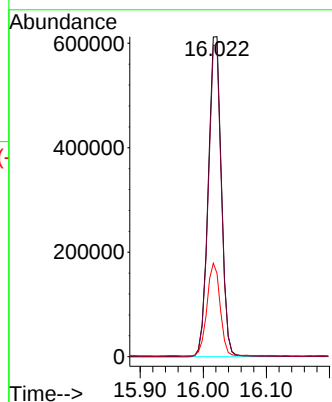
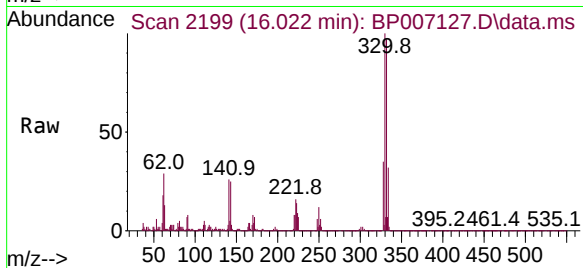




#42
2,4,6-Tribromophenol
Concen: 92.865 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

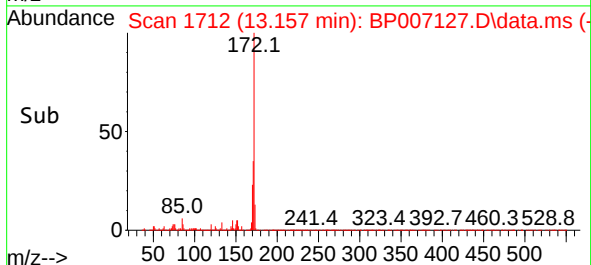
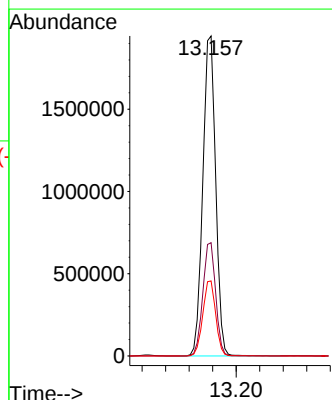
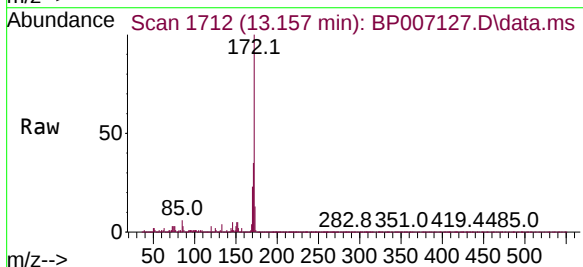
Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)

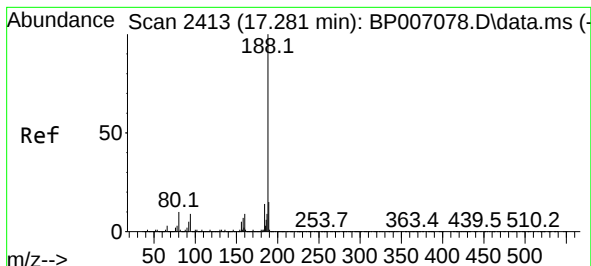
Tgt Ion:330 Resp: 884656
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 28.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.610 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:172 Resp: 2954859
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.5 18.6 27.8

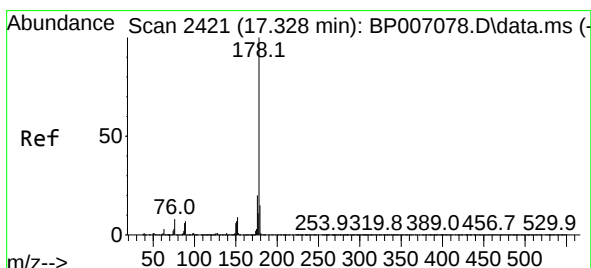
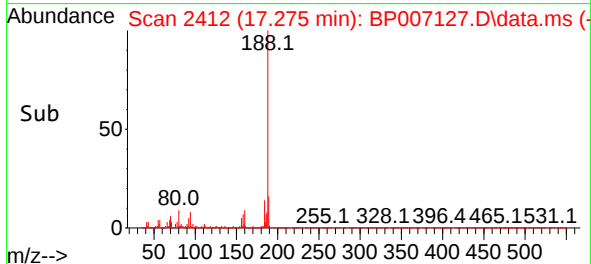
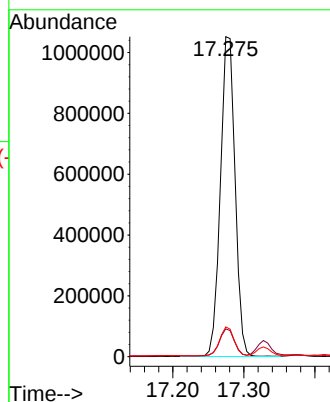
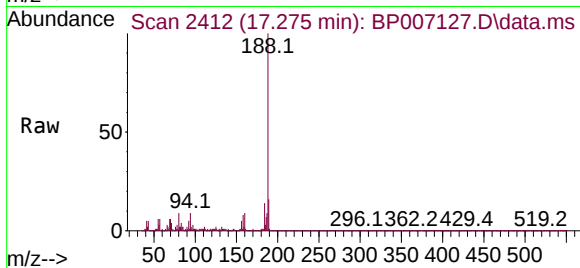




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

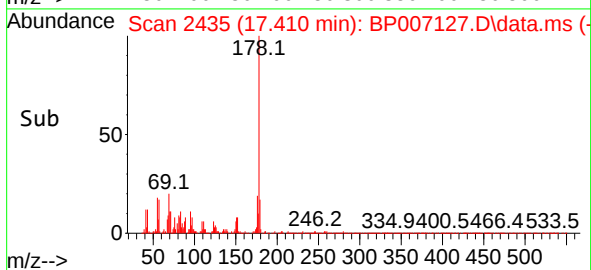
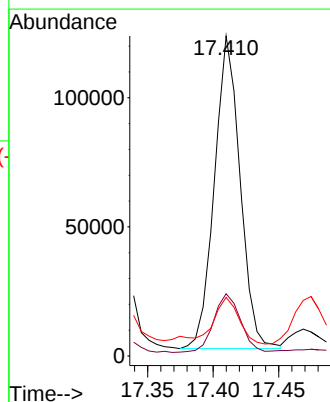
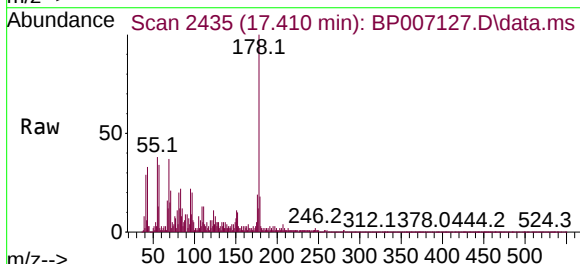
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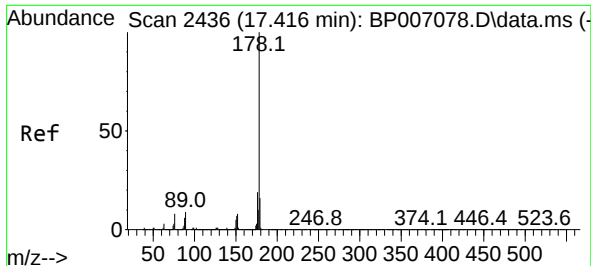
Tgt Ion:188 Resp: 1500520
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.3 6.3 9.5



#71
Phenanthrene
Concen: 2.045 ng
RT: 17.410 min Scan# 2435
Delta R.T. 0.094 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:178 Resp: 164556
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 18.3 12.4 18.6

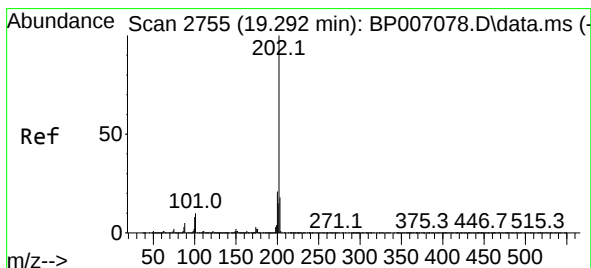
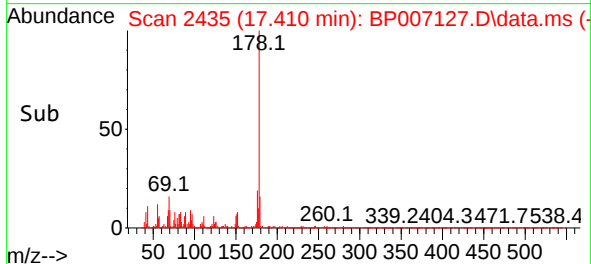
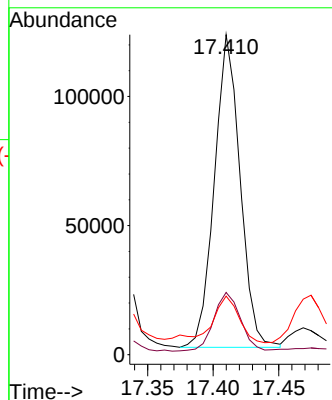
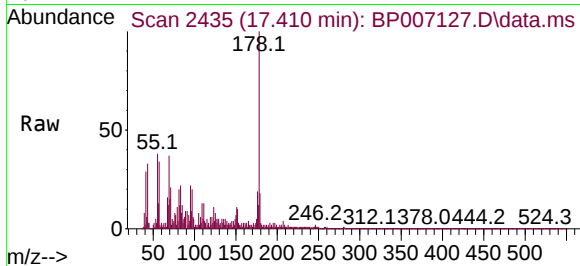




#72
 Anthracene
 Concen: 2.091 ng
 RT: 17.410 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BP007127.D
 Acq: 23 Sep 2021 15:42

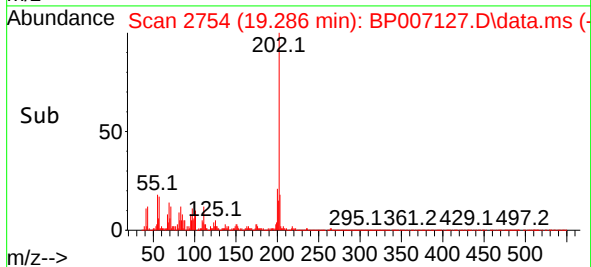
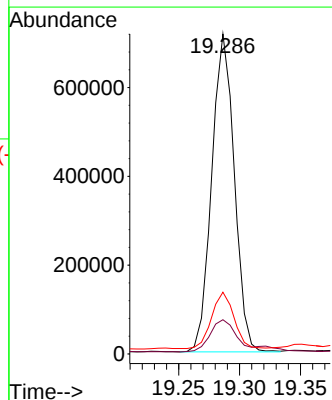
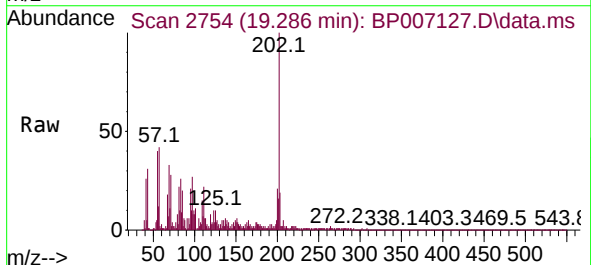
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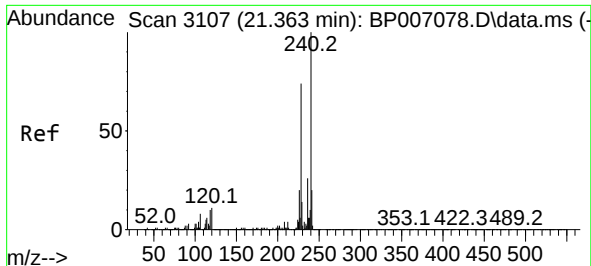
Tgt Ion:178 Resp: 164556
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.9 22.3
 179 18.3 12.2 18.2#



#75
 Fluoranthene
 Concen: 9.958 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BP007127.D
 Acq: 23 Sep 2021 15:42

Tgt Ion:202 Resp: 923089
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 27.6
 203 19.3 0.0 37.8

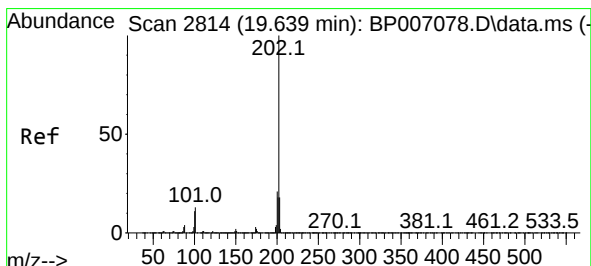
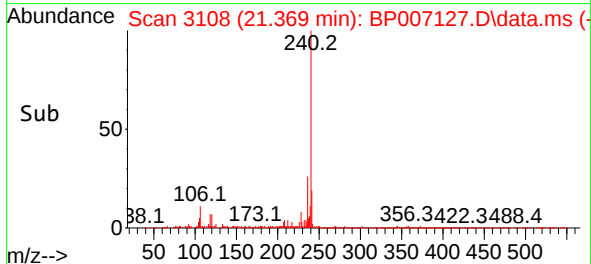
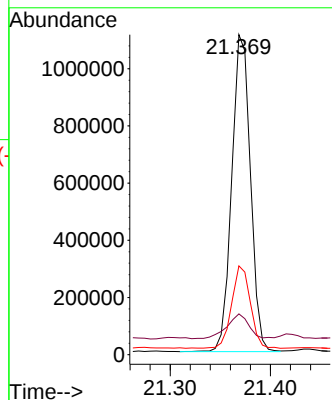
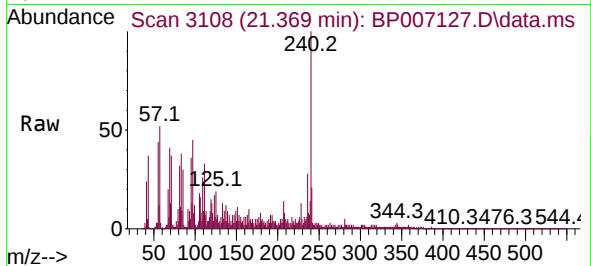




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.012 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

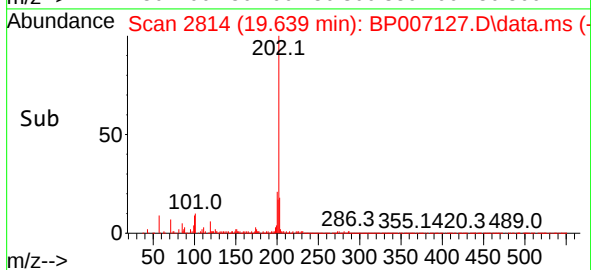
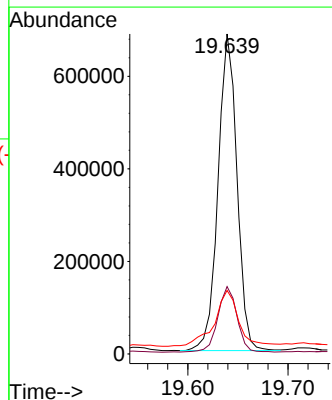
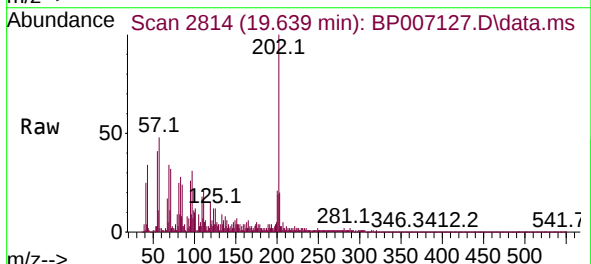
Instrument :
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SS03-BL-(0.0)

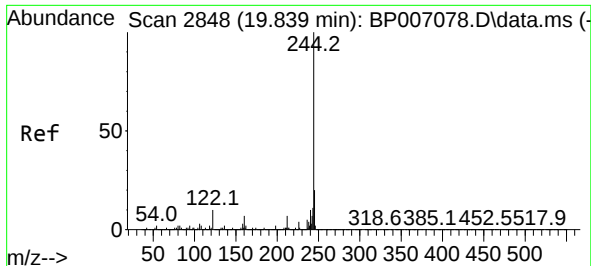
Tgt Ion:240 Resp: 1435808
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 27.8 20.6 31.0



#78
Pyrene
Concen: 9.519 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:202 Resp: 896743
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 19.9 14.2 21.2

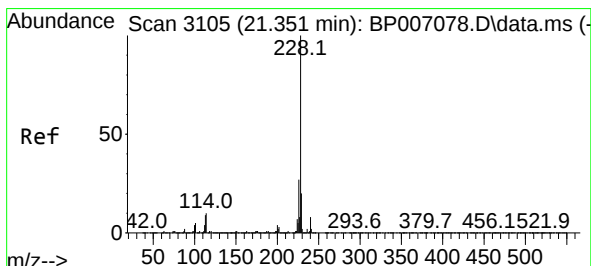
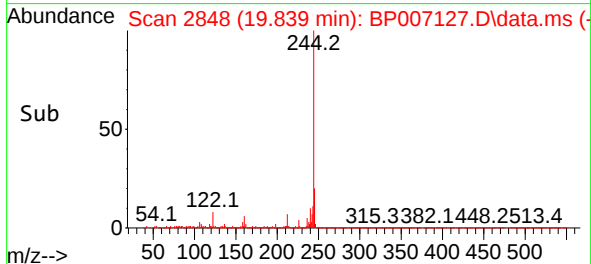
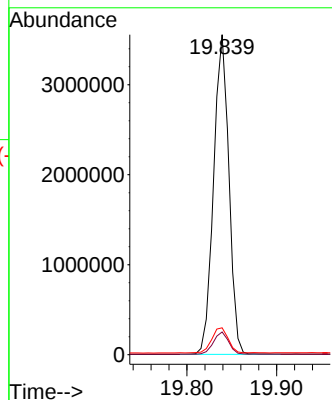
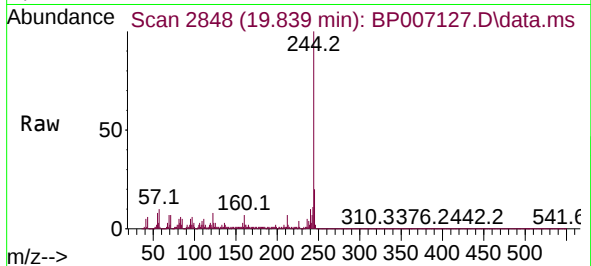




#79
Terphenyl-d14
Concen: 56.085 ng
RT: 19.839 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

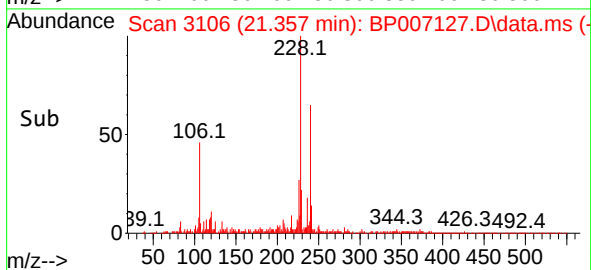
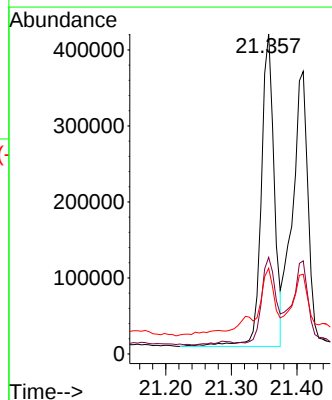
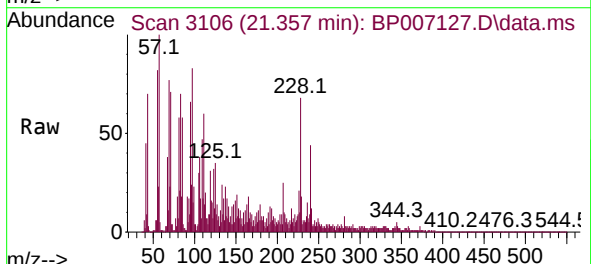
Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)

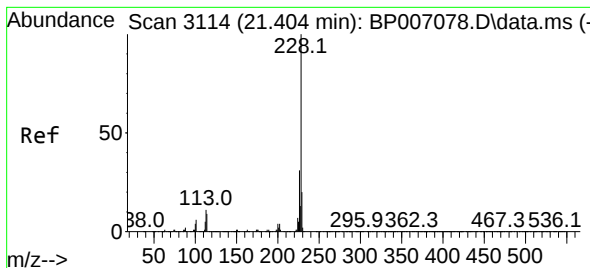
Tgt Ion:244 Resp: 4202348
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.4 7.1 10.7



#81
Benzo(a)anthracene
Concen: 6.042 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Tgt Ion:228 Resp: 563086
Ion Ratio Lower Upper
228 100
226 30.2 21.6 32.4
229 26.8 15.8 23.6#





#83

Chrysene

Concen: 6.729 ng

RT: 21.410 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP007127.D

Acq: 23 Sep 2021 15:42

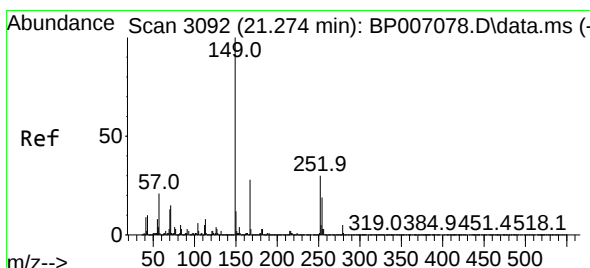
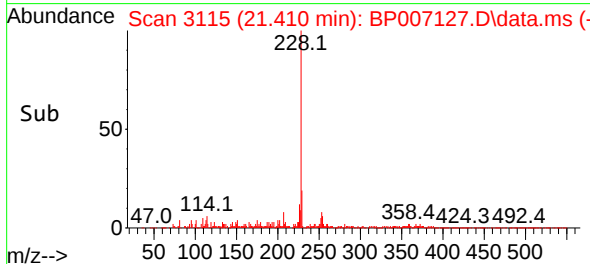
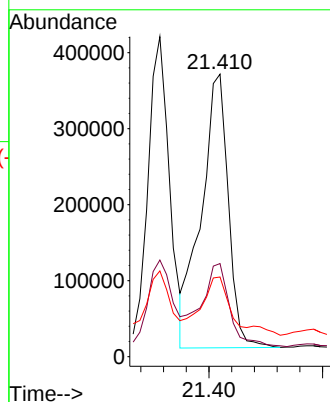
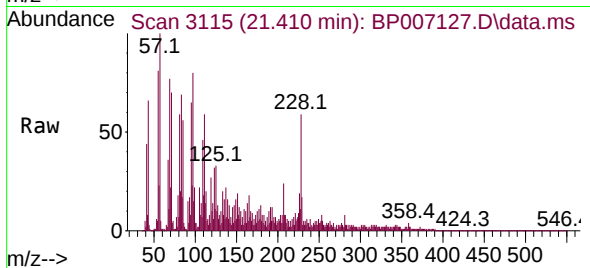
Instrument :

BNA_P

ClientSampleId :

SS03-BL-(0.0)

Tgt Ion:	228	Resp:	599406
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.8	35.6
229	28.2	15.4	23.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.931 ng

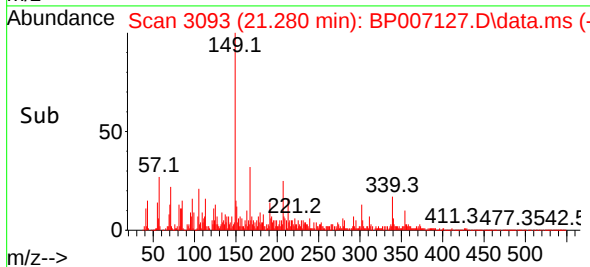
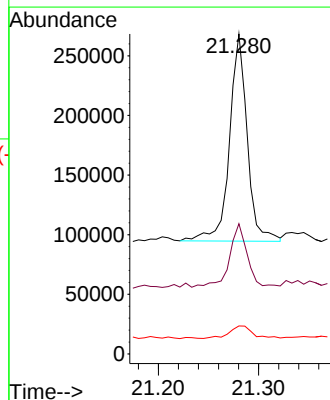
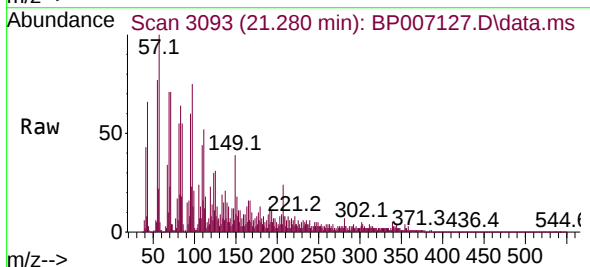
RT: 21.280 min Scan# 3093

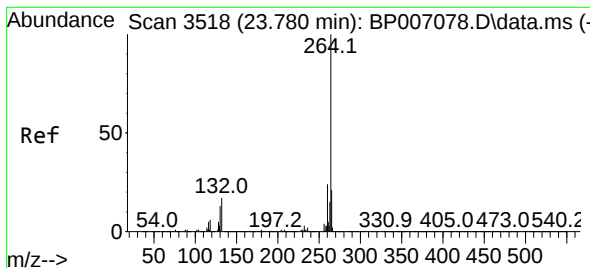
Delta R.T. 0.012 min

Lab File: BP007127.D

Acq: 23 Sep 2021 15:42

Tgt Ion:	149	Resp:	213210
Ion Ratio	Lower	Upper	
149	100		
167	40.7	21.9	32.9#
279	8.8	4.3	6.5#

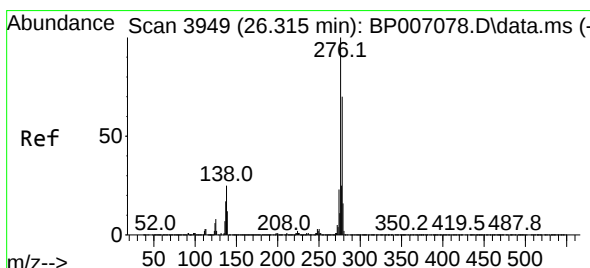
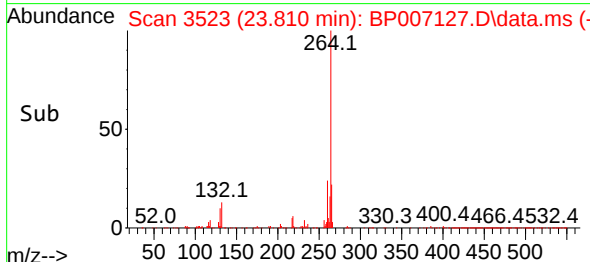
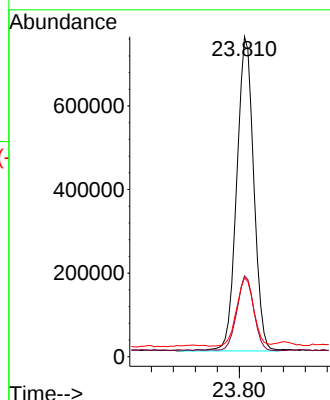
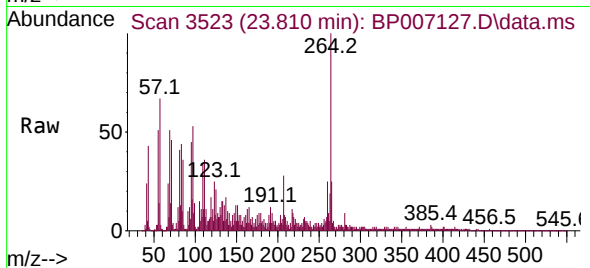




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. 0.041 min
 Lab File: BP007127.D
 Acq: 23 Sep 2021 15:42

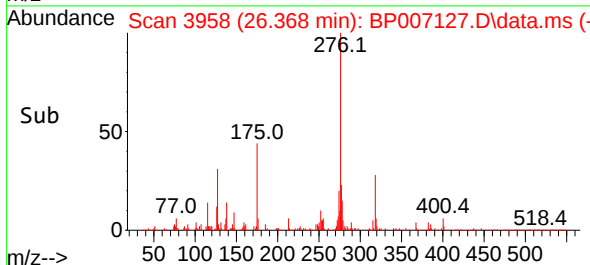
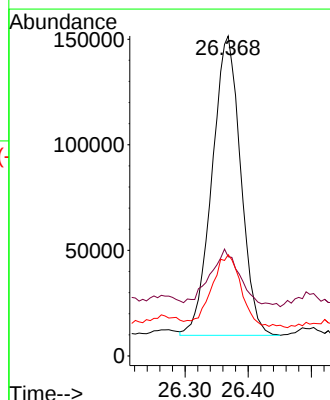
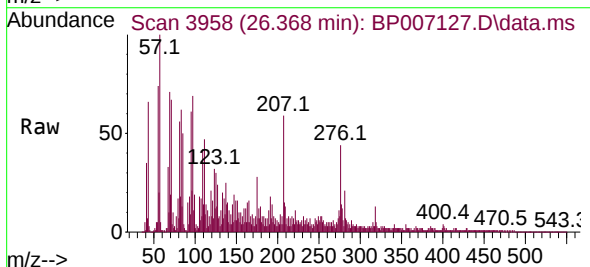
Instrument :
 BNA_P
 ClientSampleId :
 SS03-BL-(0.0)

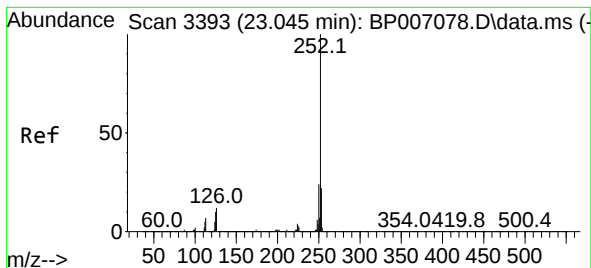
Tgt Ion:264 Resp: 1612784
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 28.0
 265 24.7 17.6 26.4



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.846 ng
 RT: 26.368 min Scan# 3958
 Delta R.T. 0.065 min
 Lab File: BP007127.D
 Acq: 23 Sep 2021 15:42

Tgt Ion:276 Resp: 445821
 Ion Ratio Lower Upper
 276 100
 138 20.8 15.3 22.9
 277 24.1 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 12.216 ng

RT: 23.063 min Scan# 3396

Delta R.T. 0.029 min

Lab File: BP007127.D

Acq: 23 Sep 2021 15:42

Instrument :

BNA_P

ClientSampleId :

SS03-BL-(0.0)

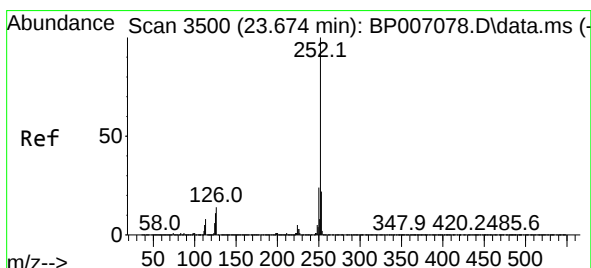
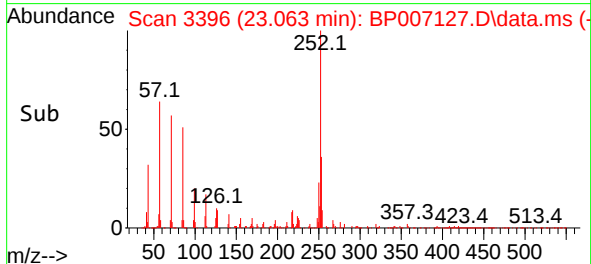
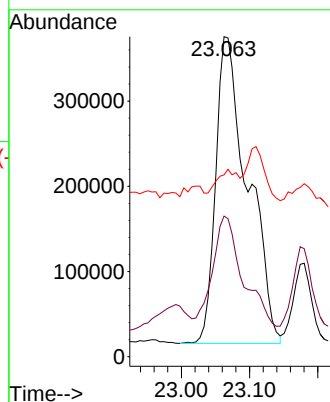
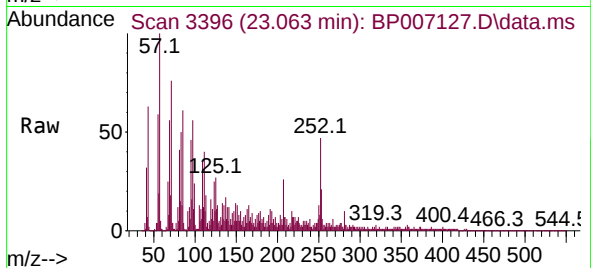
Tgt Ion:252 Resp: 1177444

Ion Ratio Lower Upper

252 100

253 44.0 17.5 26.3#

125 56.8 6.2 9.4#



#90

Benzo(a)pyrene

Concen: 6.721 ng

RT: 23.698 min Scan# 3504

Delta R.T. 0.029 min

Lab File: BP007127.D

Acq: 23 Sep 2021 15:42

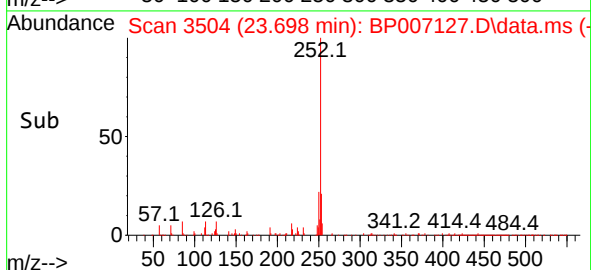
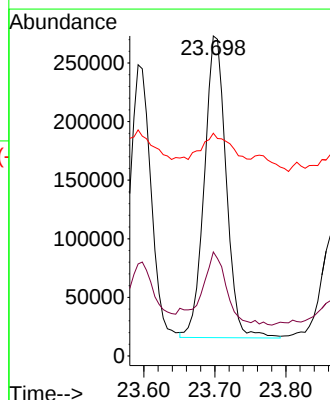
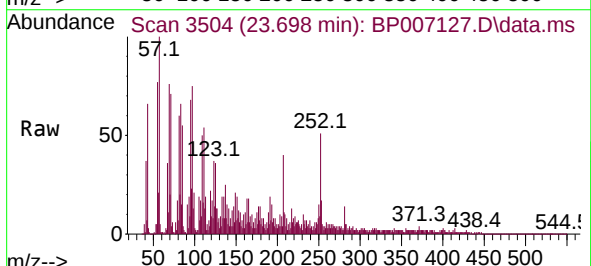
Tgt Ion:252 Resp: 550357

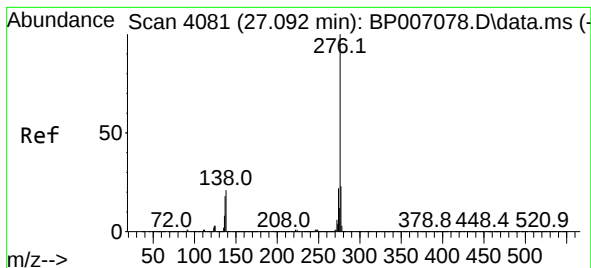
Ion Ratio Lower Upper

252 100

253 32.5 17.9 26.9#

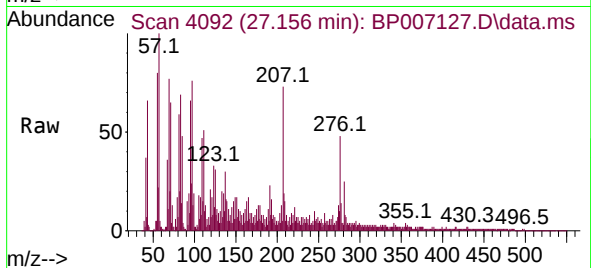
125 69.6 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 4.937 ng
RT: 27.156 min Scan# 4092
Delta R.T. 0.082 min
Lab File: BP007127.D
Acq: 23 Sep 2021 15:42

Instrument :
BNA_P
ClientSampleId :
SS03-BL-(0.0)



Tgt Ion: 276 Resp: 467951
Ion Ratio Lower Upper
276 100
277 29.5 18.9 28.3#
138 33.5 12.6 18.8#

