

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007261.D
 Acq On : 29 Sep 2021 23:51
 Operator : CG/JU
 Sample : M3987-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS03-NA

Quant Time: Sep 30 02:45:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

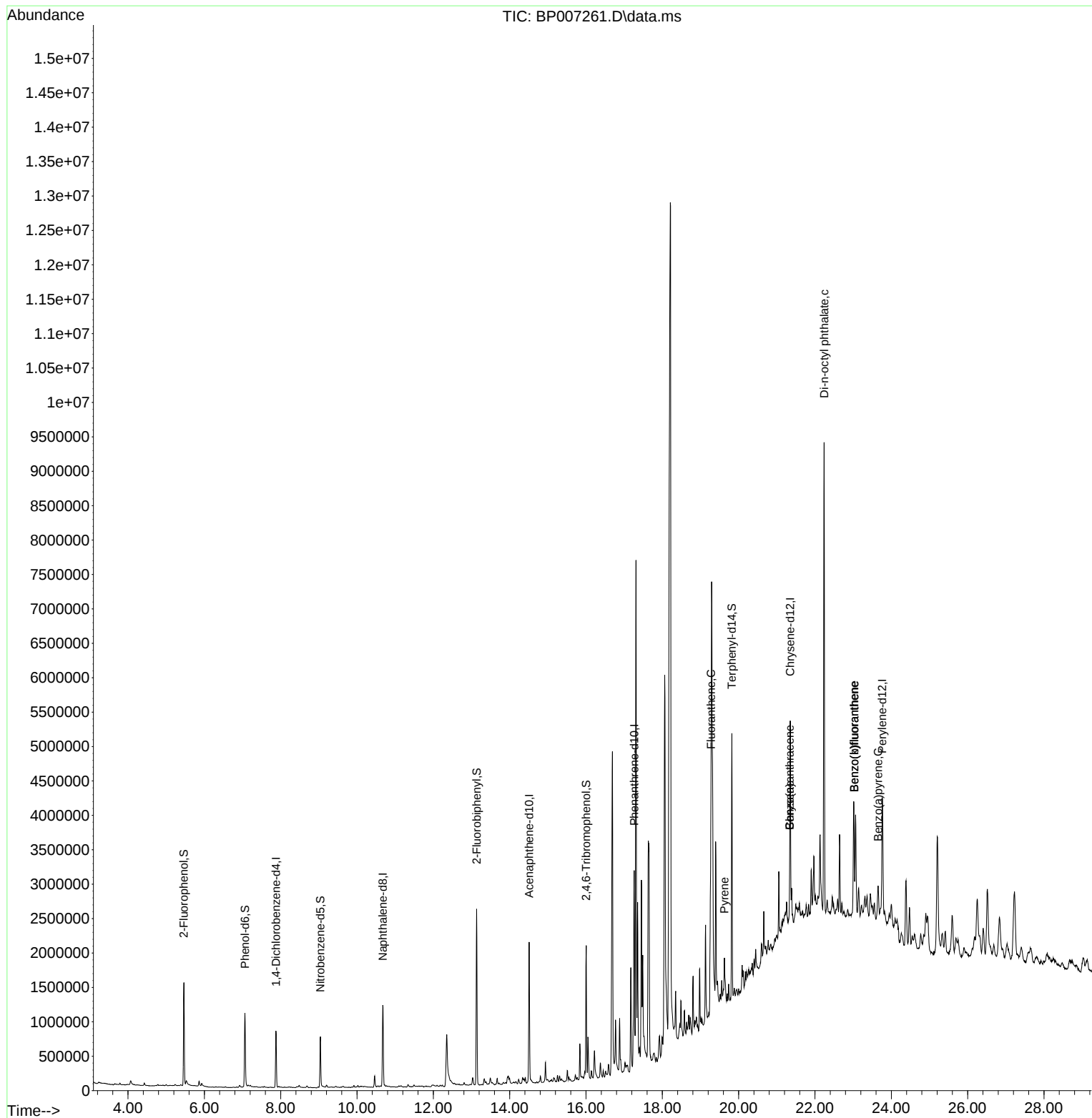
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	239966	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1066497	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	721101	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1427476	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1340052	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1434125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	714063	49.811	ng	0.01
7) Phenol-d6	7.063	99	714816	36.483	ng	0.01
23) Nitrobenzene-d5	9.040	82	434675	23.735	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	375071	40.120	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1366013	27.139	ng	0.00
79) Terphenyl-d14	19.822	244	1848909	26.439	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.275	202	390288	4.426	ng	94
78) Pyrene	19.628	202	386735	4.399	ng	99
81) Benzo(a)anthracene	21.333	228	231316	2.659	ng	96
83) Chrysene	21.333	228	231316	2.783	ng	96
85) Di-n-octyl phthalate	22.239	149	1117055	12.962	ng	# 59
88) Benzo(b)fluoranthene	23.027	252	386739	4.512	ng	# 81
89) Benzo(k)fluoranthene	23.027	252	386739	4.457	ng	# 81
90) Benzo(a)pyrene	23.657	252	217078	2.981	ng	# 81

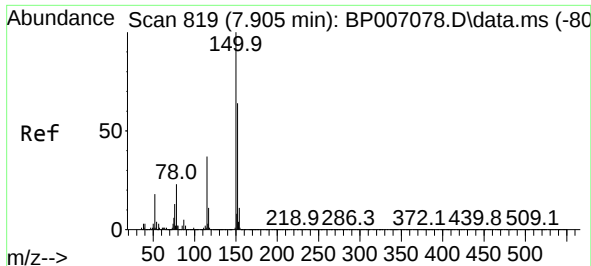
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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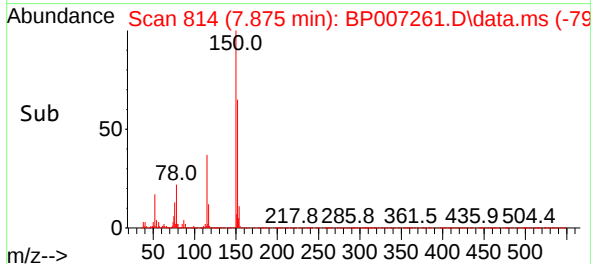
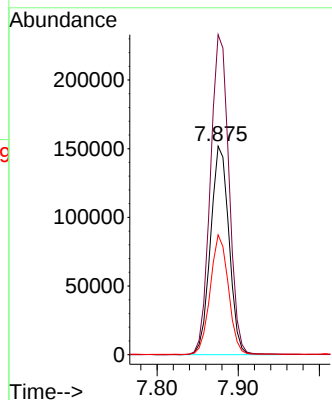
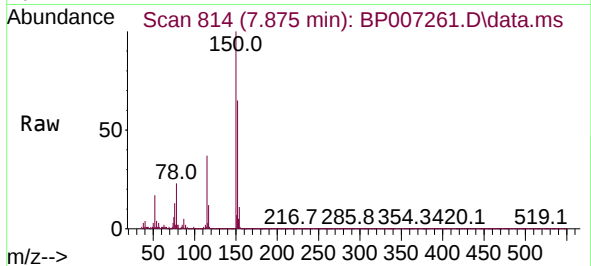




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

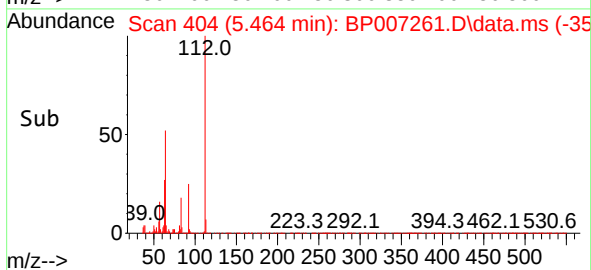
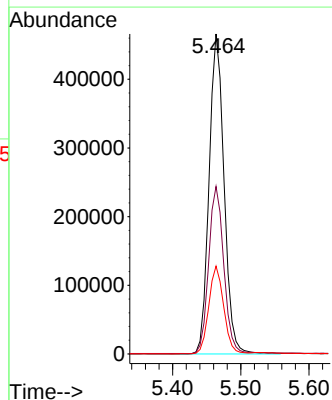
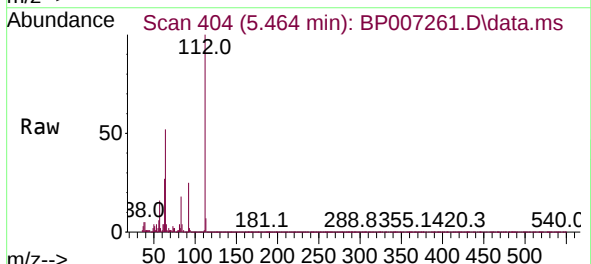
Instrument :
BNA_P
ClientSampleId :
SS03-NA

Tgt Ion:152 Resp: 239966
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 49.811 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.012 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:112 Resp: 714063
Ion Ratio Lower Upper
112 100
64 52.3 41.4 62.2
63 27.5 23.8 35.8

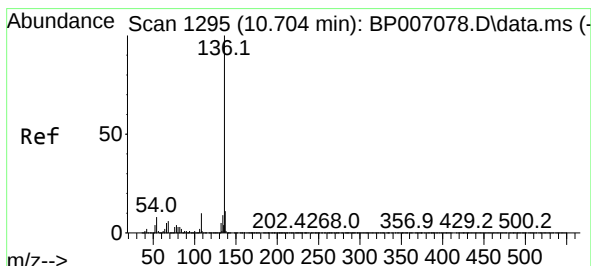
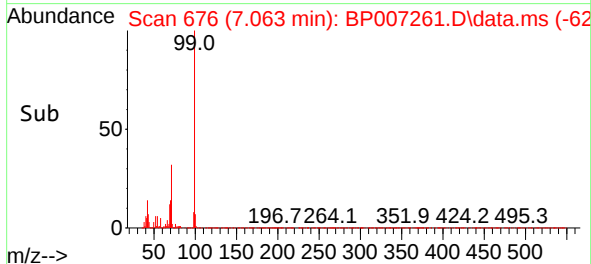
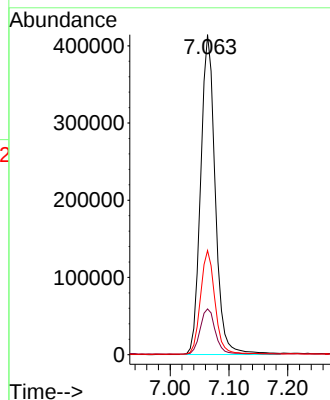
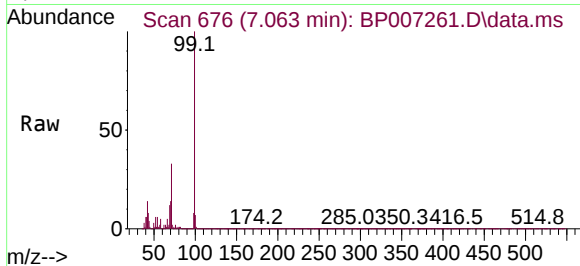




#7
Phenol-d6
Concen: 36.483 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

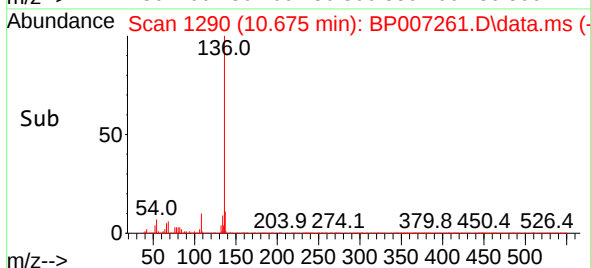
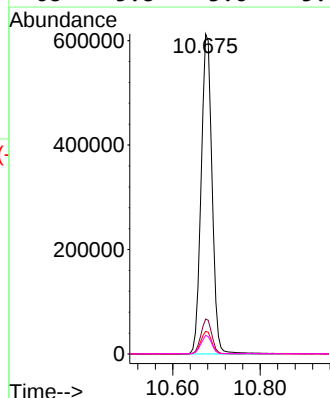
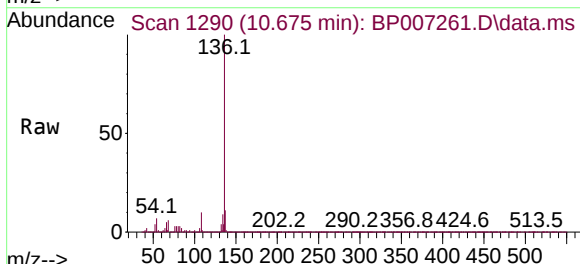
Instrument :
BNA_P
ClientSampleId :
SS03-NA

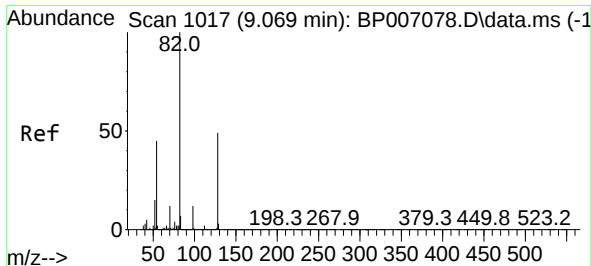
Tgt Ion:	99	Resp:	714816
Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.4	20.0
71	32.6	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:	136	Resp:	1066497
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.0	4.6	6.8#
68	5.8	3.6	5.4#

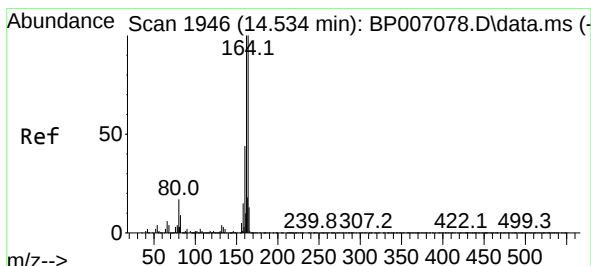
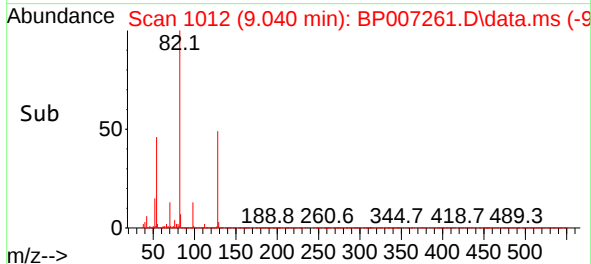
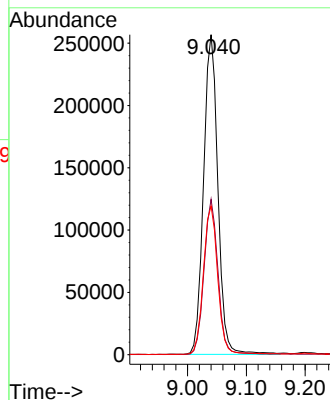
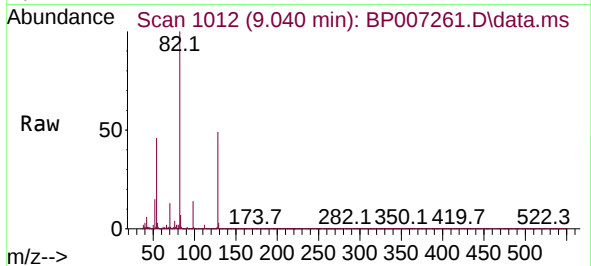




#23
Nitrobenzene-d5
Concen: 23.735 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

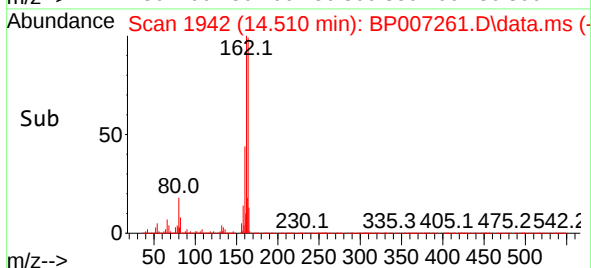
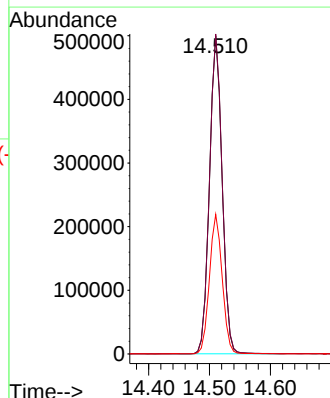
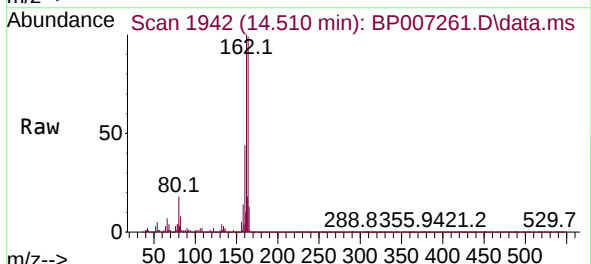
Instrument :
BNA_P
ClientSampleId :
SS03-NA

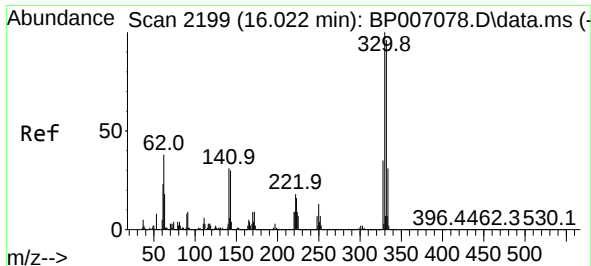
Tgt Ion: 82 Resp: 434675
Ion Ratio Lower Upper
82 100
128 48.6 35.7 53.5
54 46.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:164 Resp: 721101
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 43.8 34.5 51.7

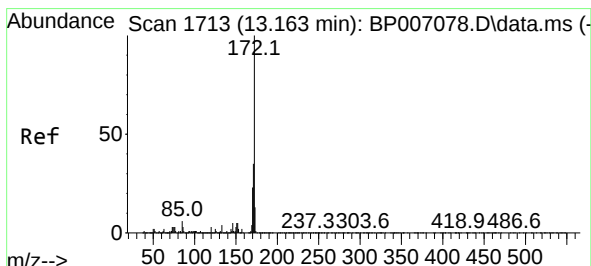
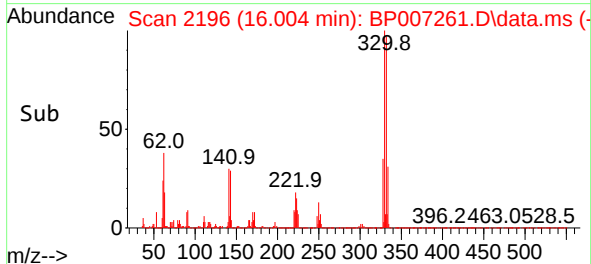
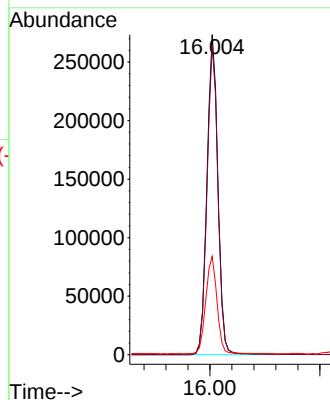
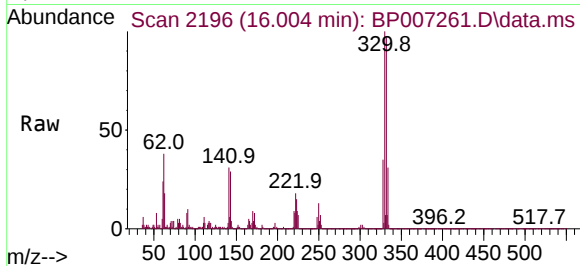




#42
2,4,6-Tribromophenol
Concen: 40.120 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

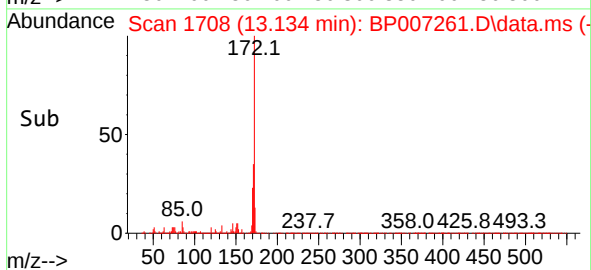
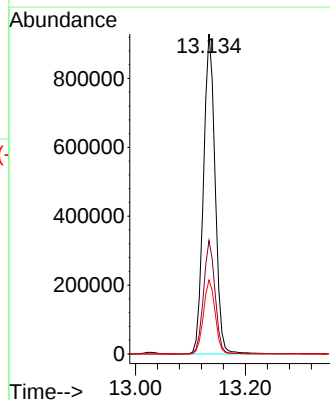
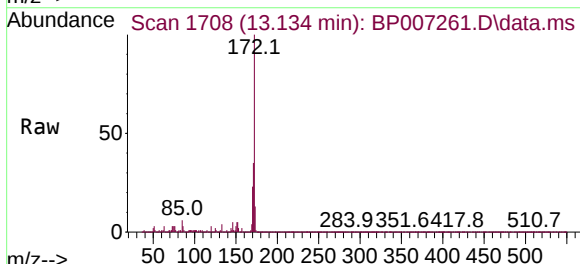
Instrument :
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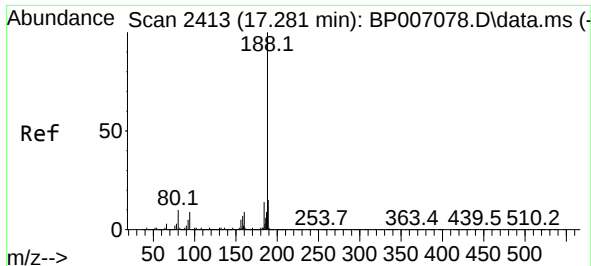
Tgt Ion:330 Resp: 375071
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 31.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 27.139 ng
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:172 Resp: 1366013
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.1 18.6 27.8

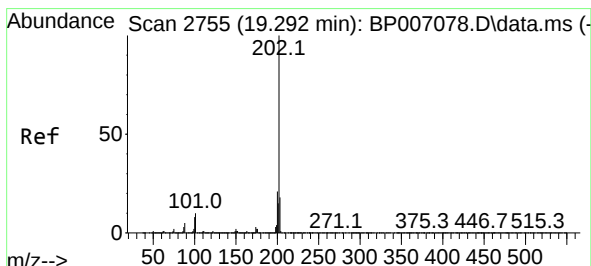
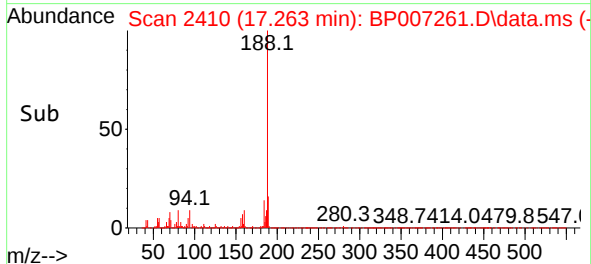
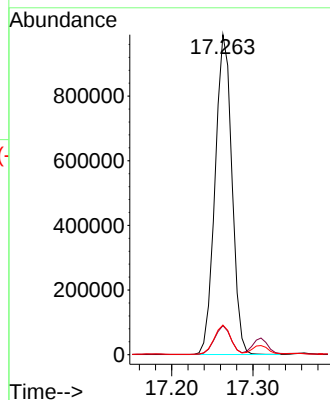
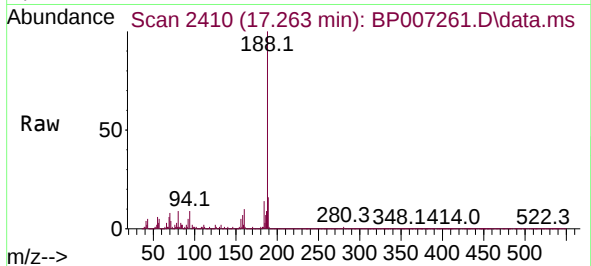




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

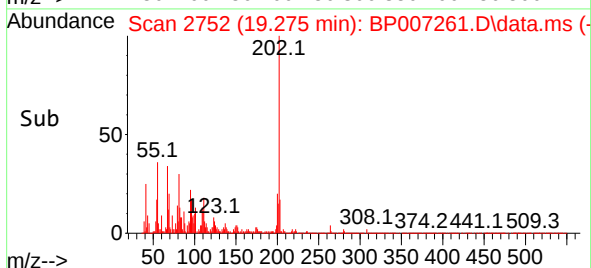
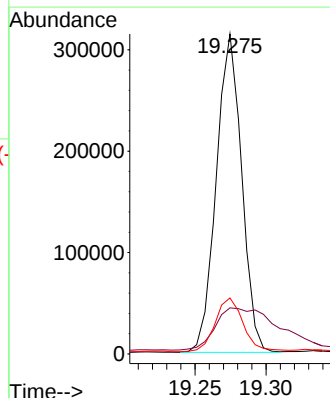
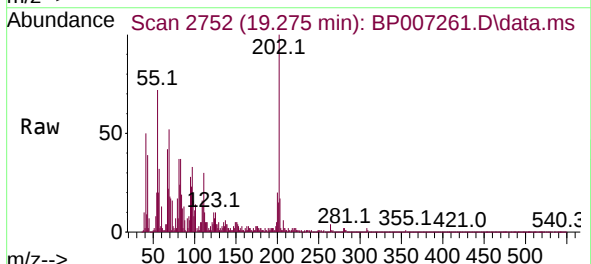
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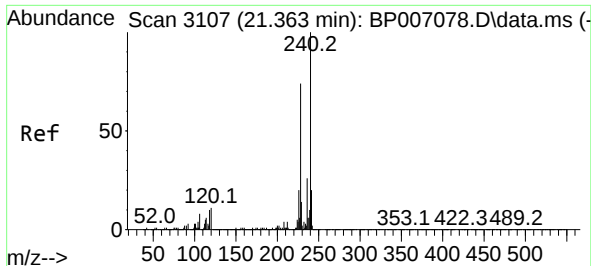
Tgt Ion:188 Resp: 1427476
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 9.2 6.3 9.5



#75
Fluoranthene
Concen: 4.426 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:202 Resp: 390288
Ion Ratio Lower Upper
202 100
101 14.4 0.0 27.6
203 17.5 0.0 37.8

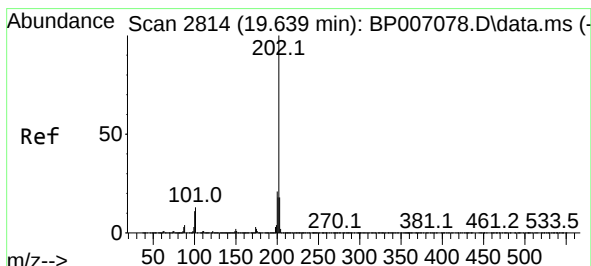
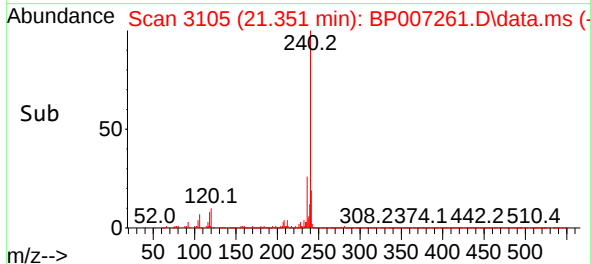
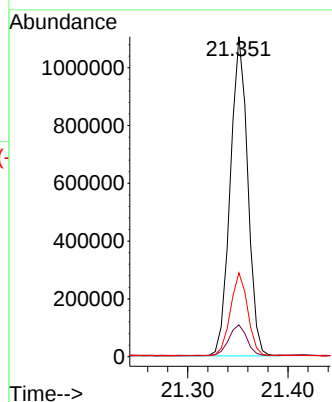
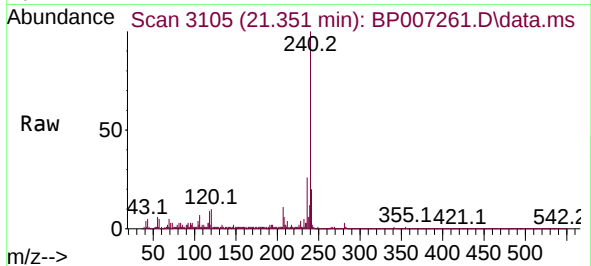




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

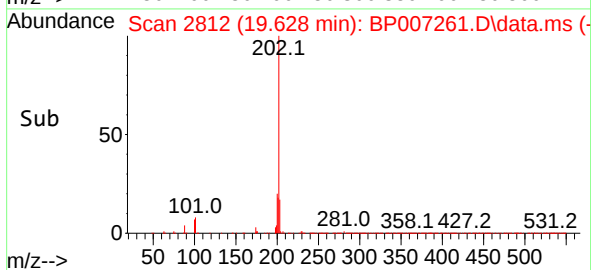
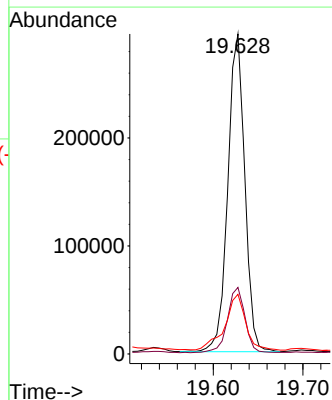
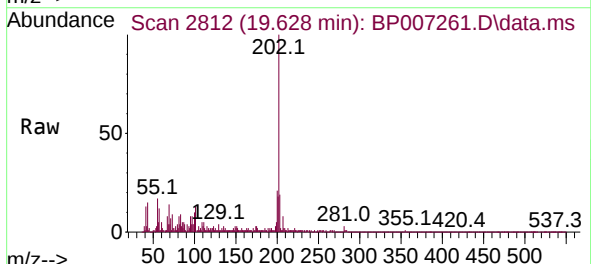
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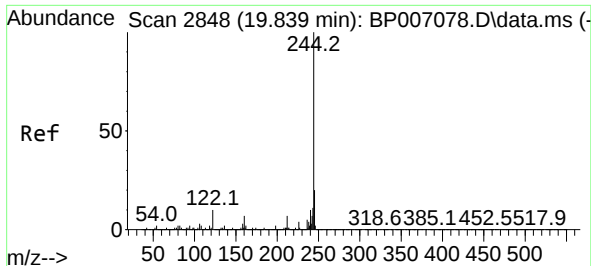
Tgt Ion:240 Resp: 1340052
Ion Ratio Lower Upper
240 100
120 10.0 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 4.399 ng
RT: 19.628 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:202 Resp: 386735
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 18.7 14.2 21.2

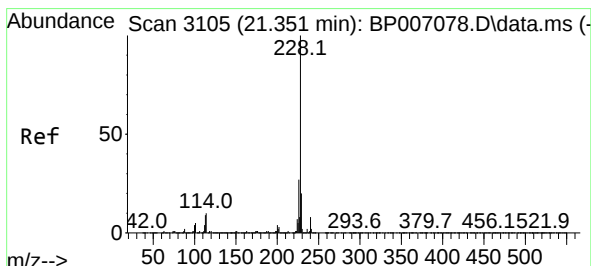
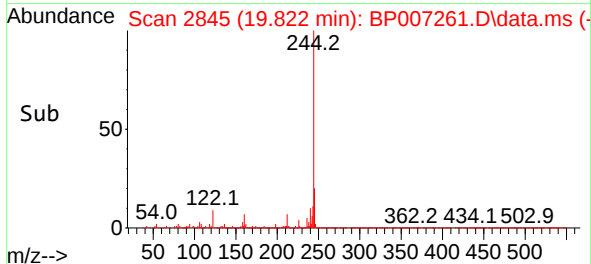
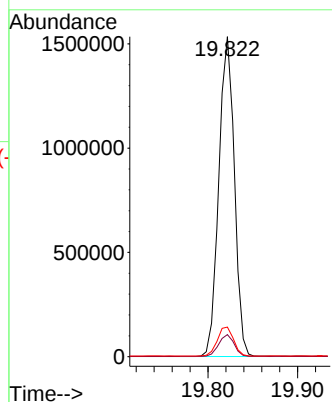
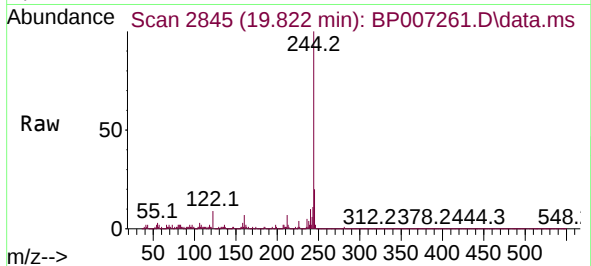




#79
 Terphenyl-d14
 Concen: 26.439 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: BP007261.D
 Acq: 29 Sep 2021 23:51

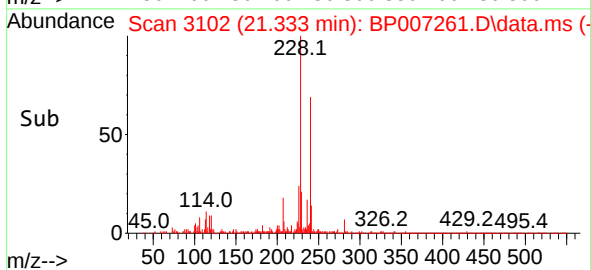
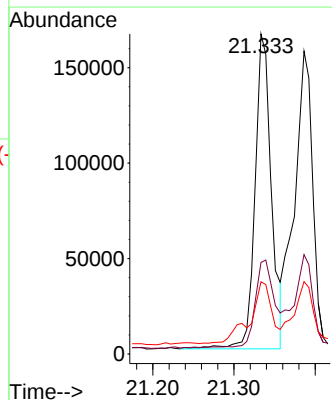
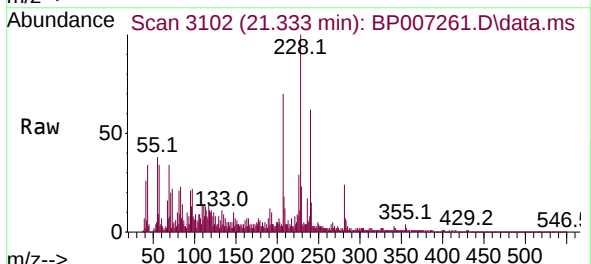
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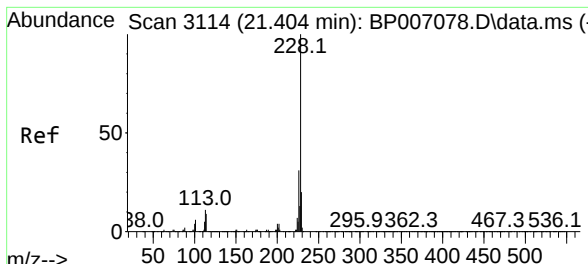
Tgt Ion:244 Resp: 1848909
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.3 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.659 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP007261.D
 Acq: 29 Sep 2021 23:51

Tgt Ion:228 Resp: 231316
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.6 32.4
 229 22.5 15.8 23.6

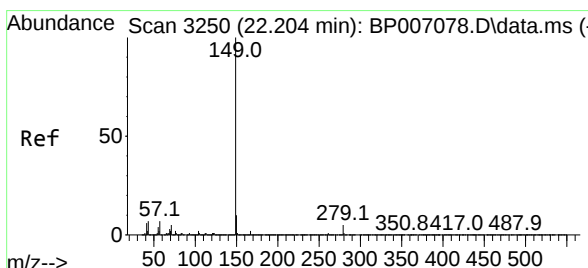
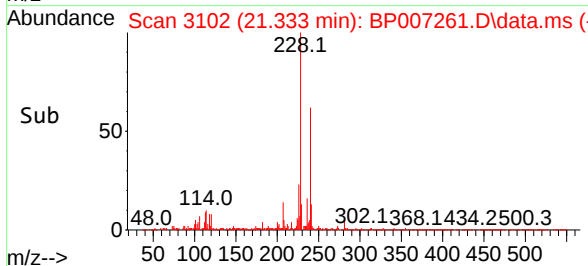
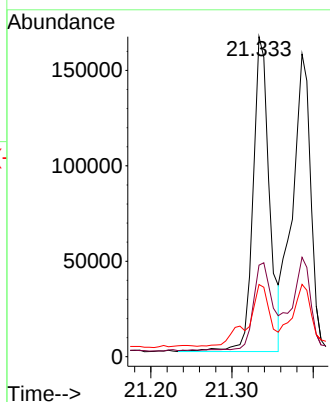
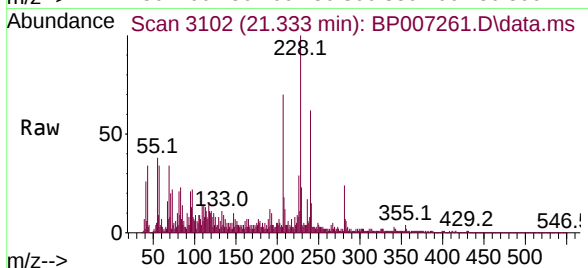




#83
 Chrysene
 Concen: 2.783 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.059 min
 Lab File: BP007261.D
 Acq: 29 Sep 2021 23:51

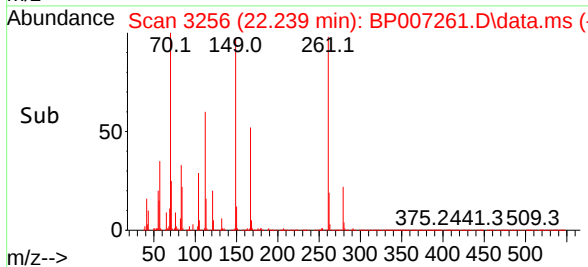
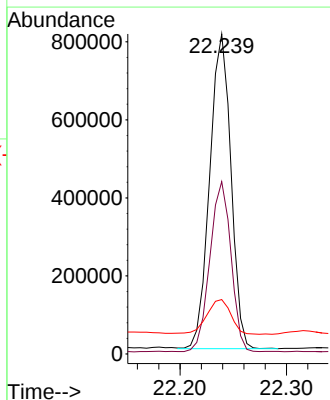
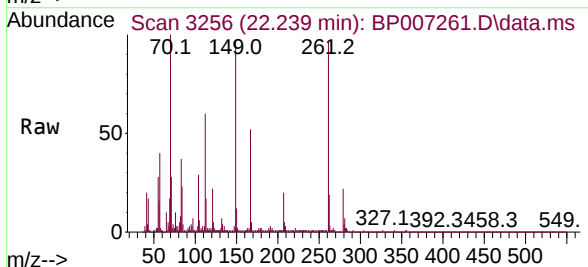
Instrument :
 BNA_P
 ClientSampleId :
 SS03-NA

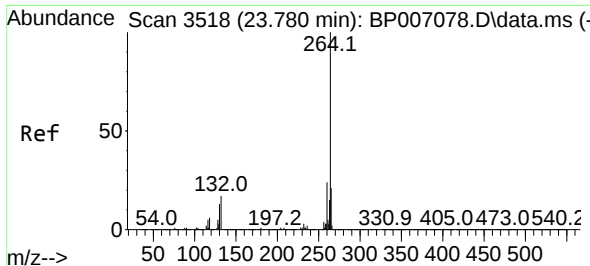
Tgt Ion:	228	Resp:	231316
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.6
229	22.5	15.4	23.2



#85
 Di-n-octyl phthalate
 Concen: 12.962 ng
 RT: 22.239 min Scan# 3256
 Delta R.T. 0.059 min
 Lab File: BP007261.D
 Acq: 29 Sep 2021 23:51

Tgt Ion:	149	Resp:	1117055
Ion	Ratio	Lower	Upper
149	100		
167	53.6	1.4	2.0#
43	12.6	5.6	8.4#

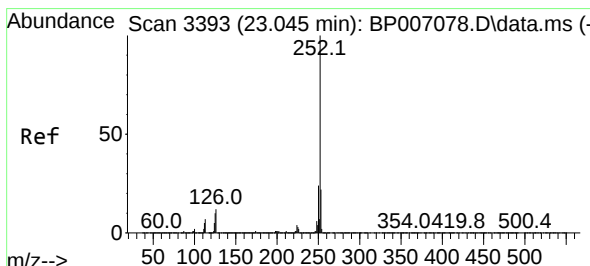
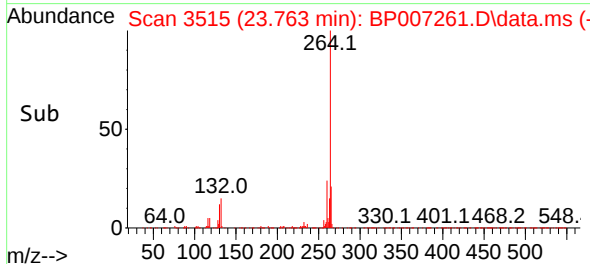
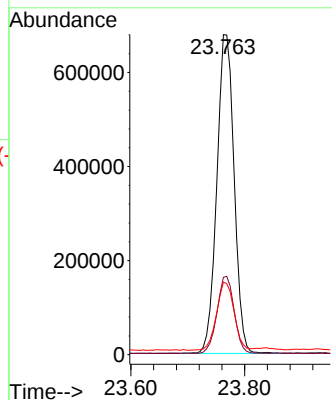
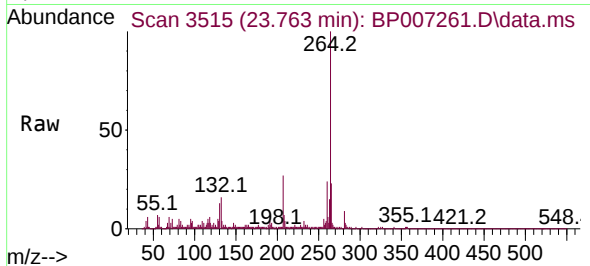




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

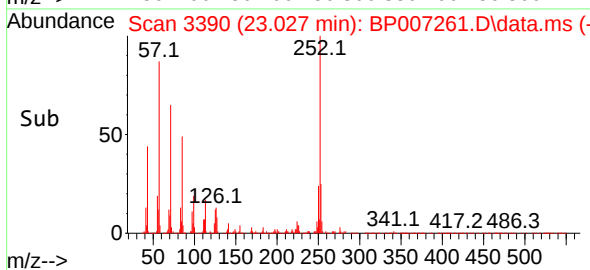
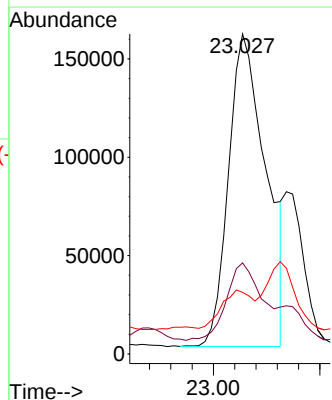
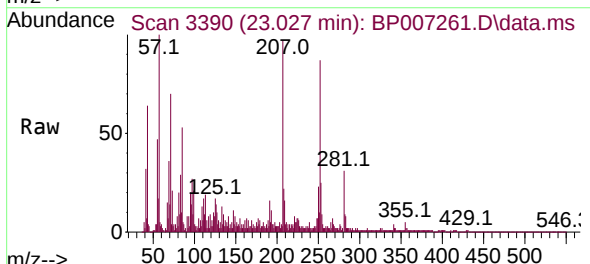
Instrument :
BNA_P
ClientSampleId :
SS03-NA

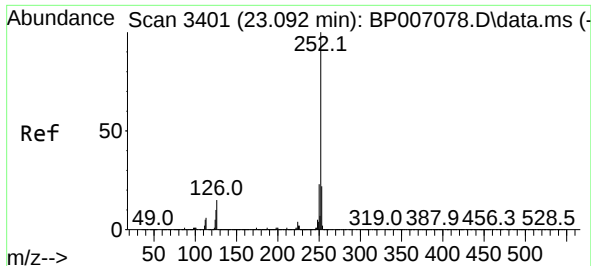
Tgt Ion:264 Resp: 1434125
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.512 ng
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:252 Resp: 386739
Ion Ratio Lower Upper
252 100
253 28.5 17.5 26.3#
125 19.3 6.2 9.4#

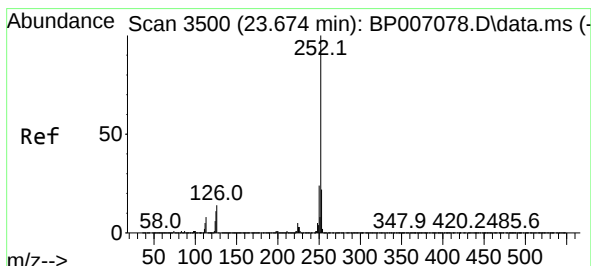
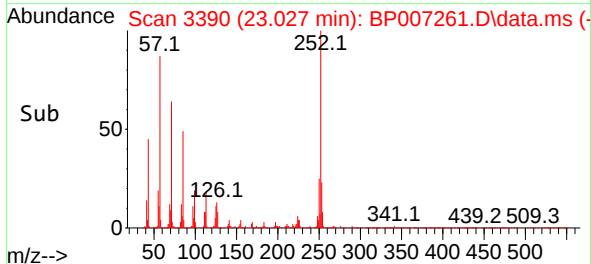
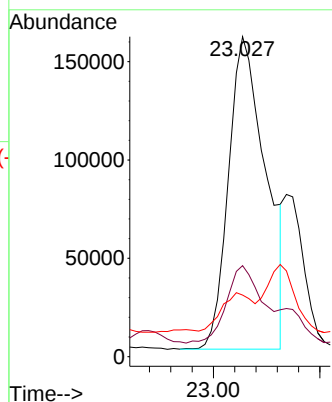
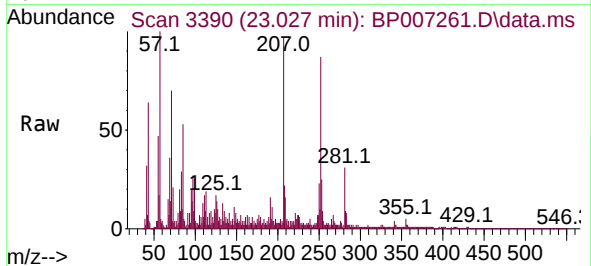




#89
Benzo(k)fluoranthene
Concen: 4.457 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Instrument :
BNA_P
ClientSampleId :
SS03-NA

Tgt Ion:252 Resp: 386739
Ion Ratio Lower Upper
252 100
253 28.5 17.6 26.4#
125 19.3 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.981 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BP007261.D
Acq: 29 Sep 2021 23:51

Tgt Ion:252 Resp: 217078
Ion Ratio Lower Upper
252 100
253 28.4 17.9 26.9#
125 21.7 6.5 9.7#

