

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004081.D
 Acq On : 24 Nov 2020 18:09
 Operator : CG/JU
 Sample : L4836-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-07

Quant Time: Nov 24 23:58:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

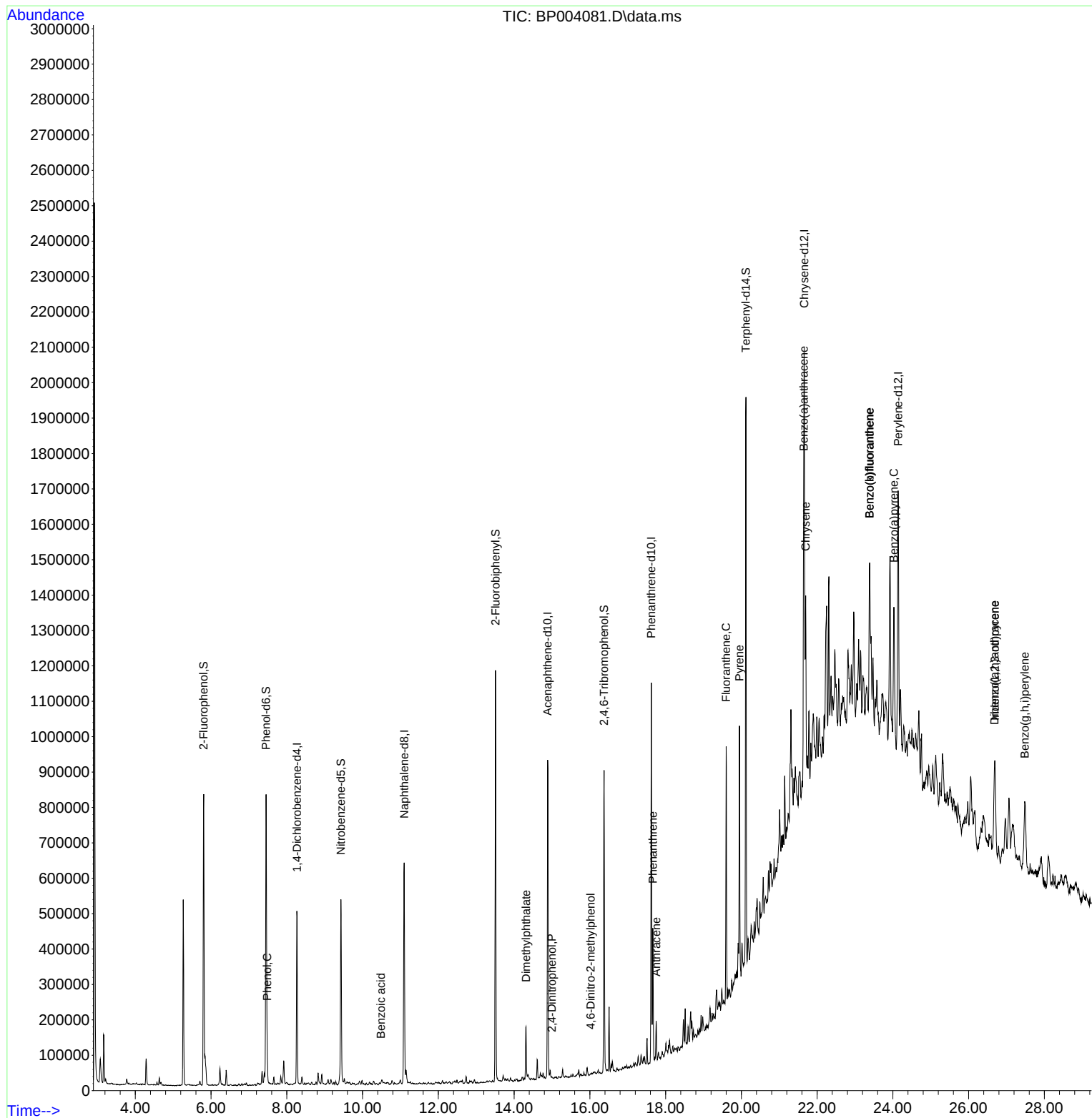
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	130057	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	505532	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	310709	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	625602	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	546230	20.00	ng	0.00
86) Perylene-d12	24.139	264	592822	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	349701	44.88	ng	0.00
7) Phenol-d6	7.452	99	457367	40.89	ng	0.00
23) Nitrobenzene-d5	9.428	82	287117	27.82	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	162273	41.76	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	585955	26.36	ng	0.00
79) Terphenyl-d14	20.121	244	677707	23.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.346	77	3619	Below Cal	#	1
10) Phenol	7.481	94	22474	2.08	ng	65
32) Benzoic acid	10.481	122	269	8.35	ng	# 80
50) Dimethylphthalate	14.316	163	99333	4.09	ng	99
54) 2,4-Dinitrophenol	14.992	184	39	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	35	6.35	ng	# 1
71) Phenanthrene	17.663	178	219290	6.25	ng	99
72) Anthracene	17.751	178	69439	2.05	ng	98
75) Fluoranthene	19.598	202	427011	10.54	ng	100
78) Pyrene	19.951	202	410063	11.06	ng	97
81) Benzo(a)anthracene	21.645	228	292396	8.12	ng	96
83) Chrysene	21.698	228	401006	11.59	ng	96
87) Indeno(1,2,3-cd)pyrene	26.698	276	240323	5.62	ng	94
88) Benzo(b)fluoranthene	23.386	252	522034	13.46	ng	96
89) Benzo(k)fluoranthene	23.386	252	522034	13.63	ng	97
90) Benzo(a)pyrene	24.027	252	283996	7.91	ng	94
91) Dibenzo(a,h)anthracene	26.680	278	107790	3.02	ng	# 83
92) Benzo(g,h,i)perylene	27.486	276	266194	7.71	ng	96

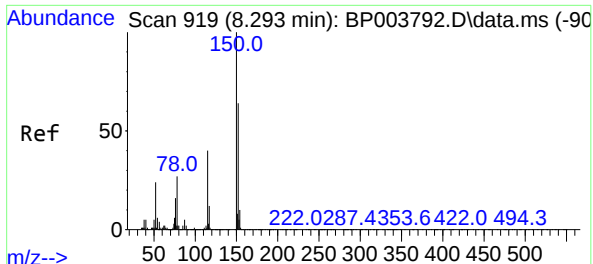
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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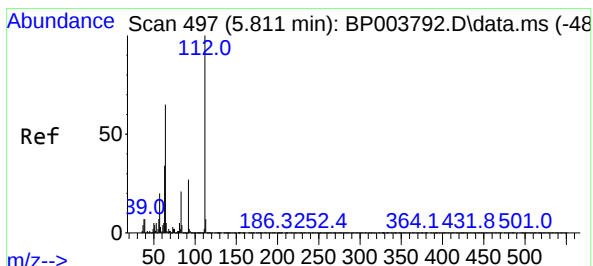
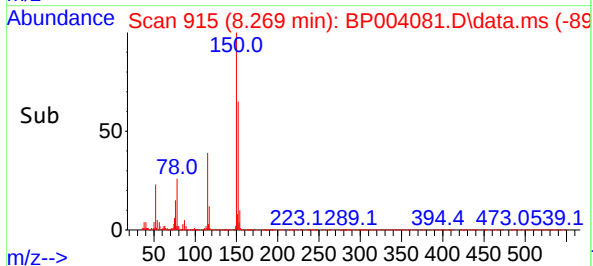
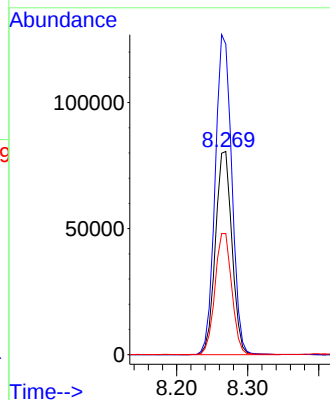
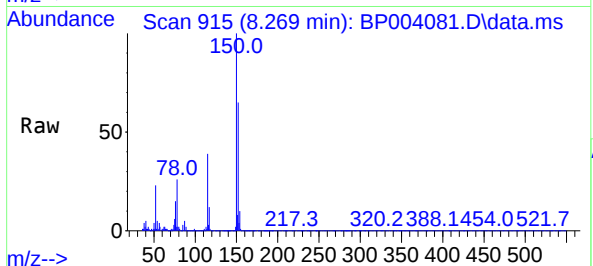




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

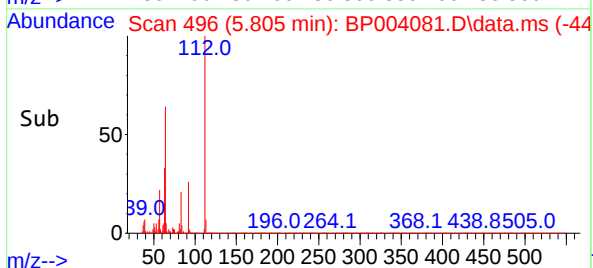
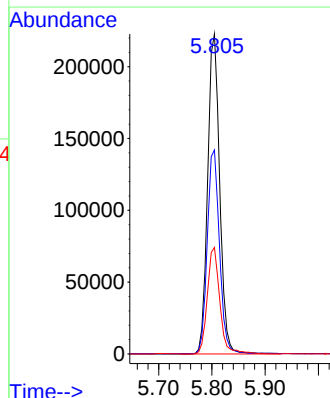
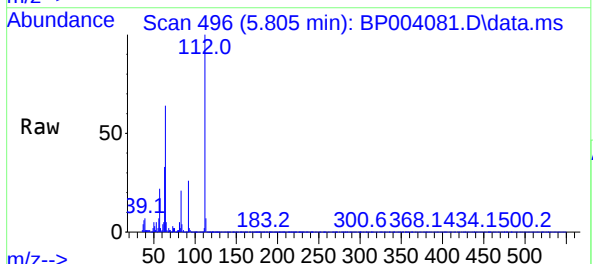
Instrument :
BNA_P
ClientSampled :
SB-07

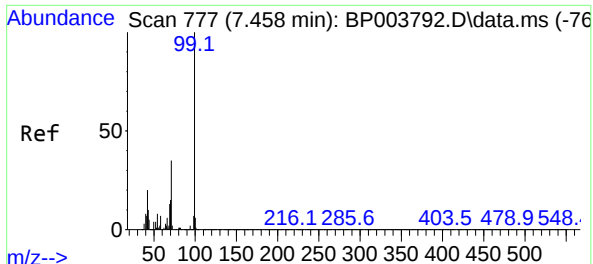
Tgt Ion:152 Resp: 130057
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 59.6 43.8 65.6



#5
2-Fluorophenol
Concen: 44.88 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:112 Resp: 349701
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 33.3 17.0 25.4#

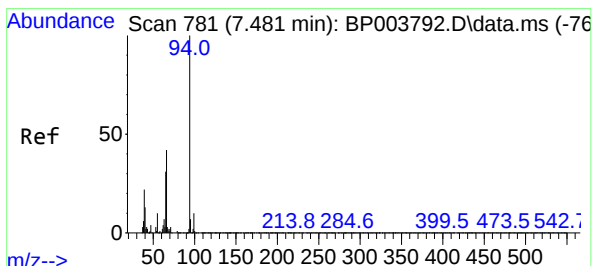
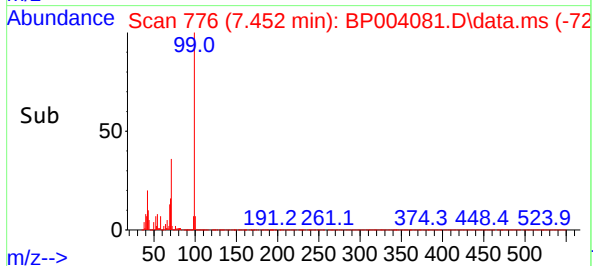
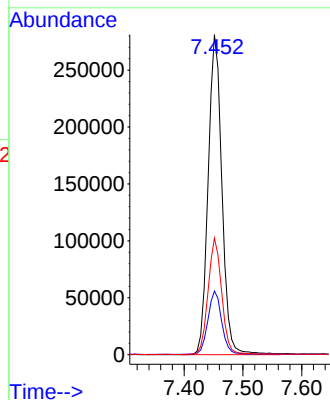
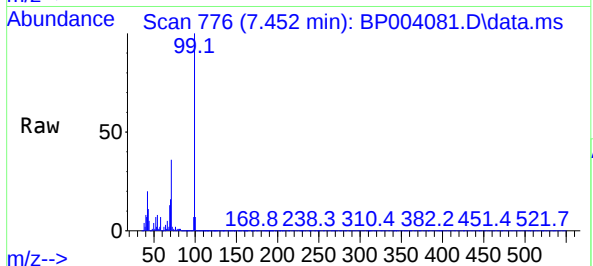




#7
Phenol-d6
Concen: 40.89 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

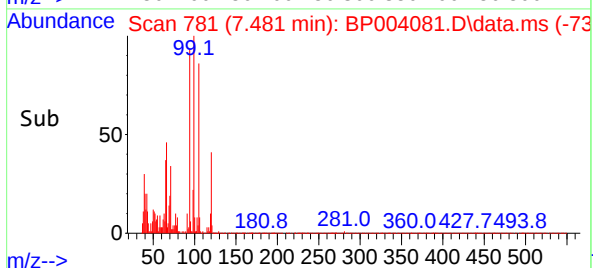
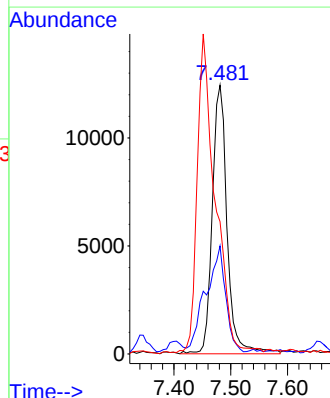
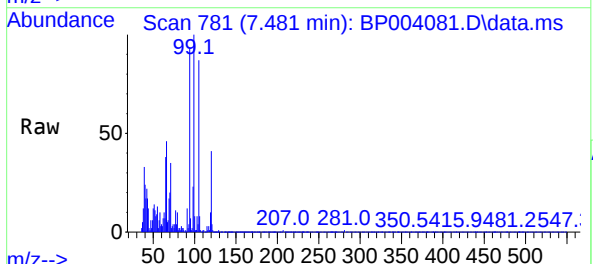
Instrument :
BNA_P
ClientSampled :
SB-07

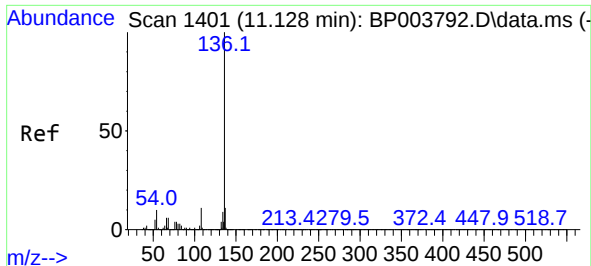
Tgt Ion: 99 Resp: 457367
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 36.5 23.4 35.2#



#10
Phenol
Concen: 2.08 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion: 94 Resp: 22474
Ion Ratio Lower Upper
94 100
65 40.2 2.3 42.3
66 49.2 10.9 50.9

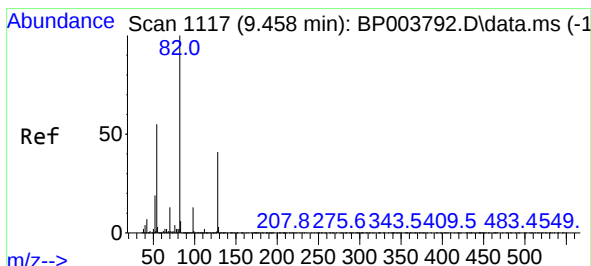
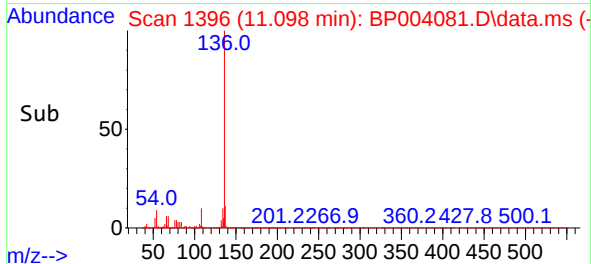
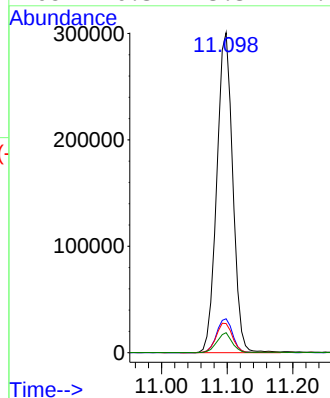
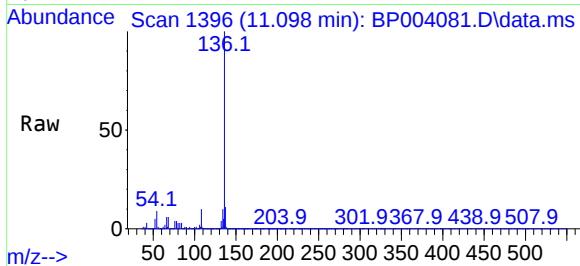




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

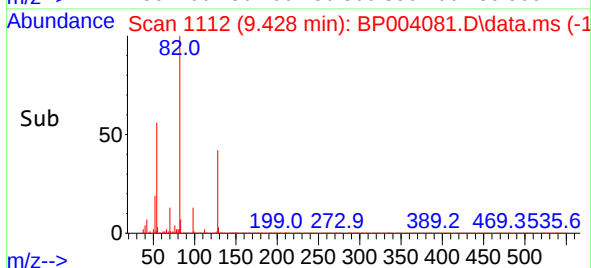
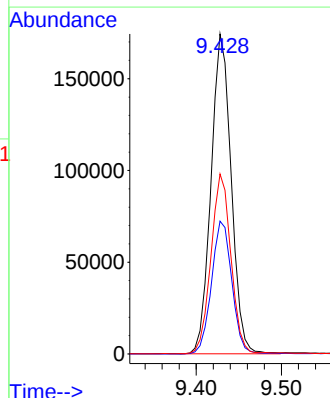
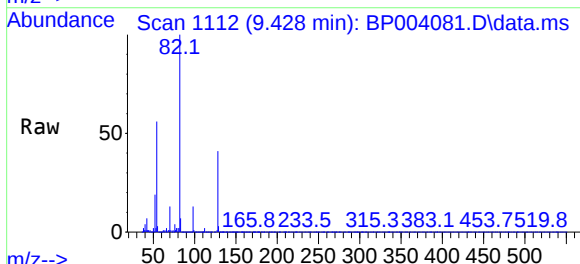
Instrument :
BNA_P
ClientSampled :
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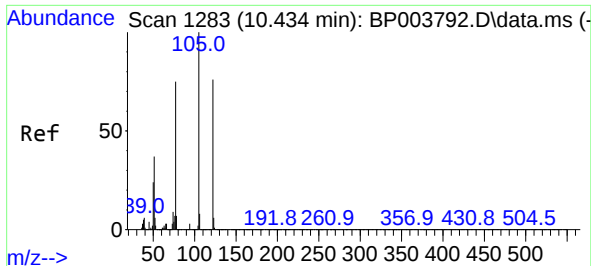
Tgt Ion:136 Resp: 505532
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 3.6 5.4#
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 27.82 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion: 82 Resp: 287117
Ion Ratio Lower Upper
82 100
128 41.5 45.6 68.4#
54 56.3 30.1 45.1#

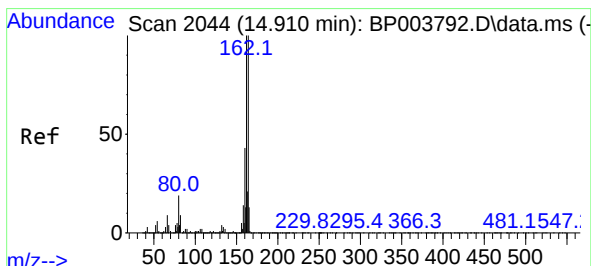
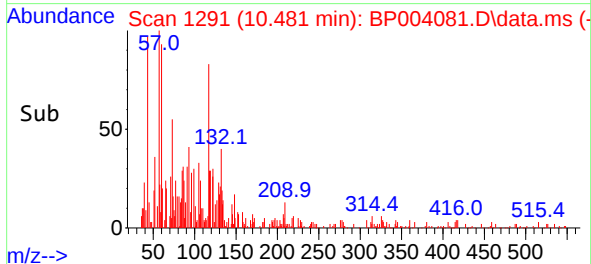
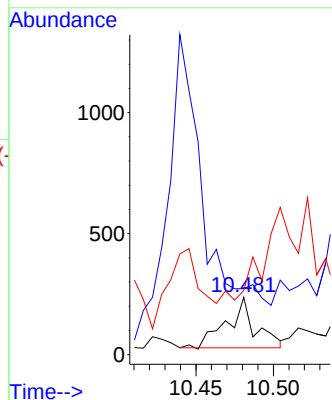
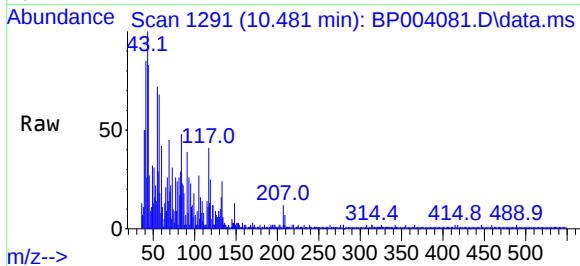




#32
Benzoic acid
Concen: 8.35 ng
RT: 10.481 min Scan# 1291
Delta R.T. 0.024 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

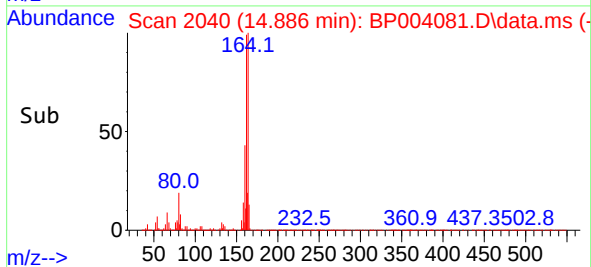
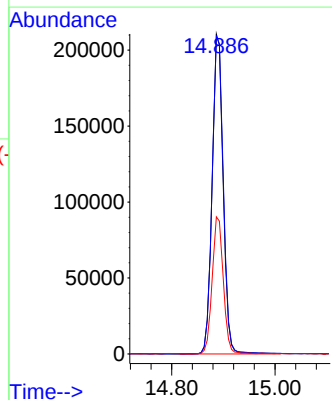
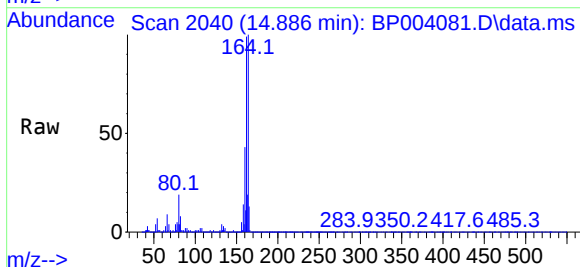
Instrument :
BNA_P
ClientSampled :
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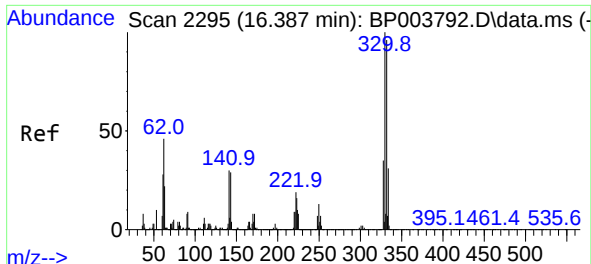
Tgt Ion:122 Resp: 269
Ion Ratio Lower Upper
122 100
105 114.8 94.1 134.1
77 111.8 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:164 Resp: 310709
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 42.8 36.1 54.1

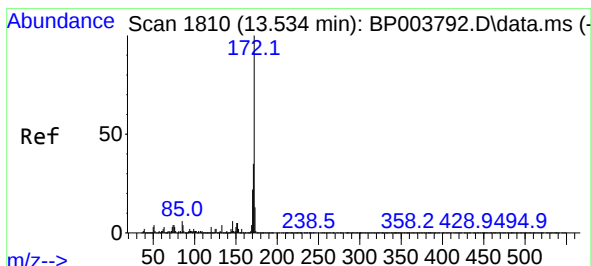
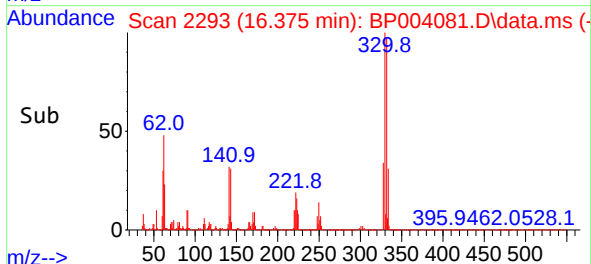
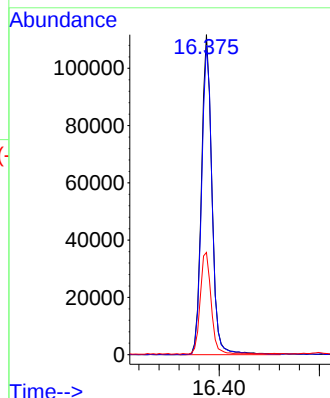
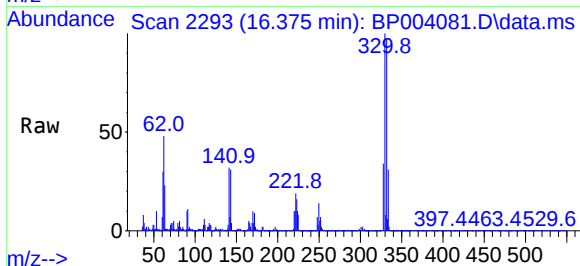




#42
2,4,6-Tribromophenol
Concen: 41.76 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

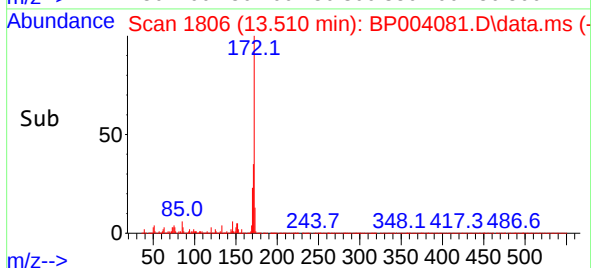
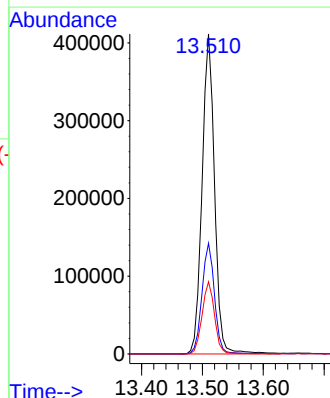
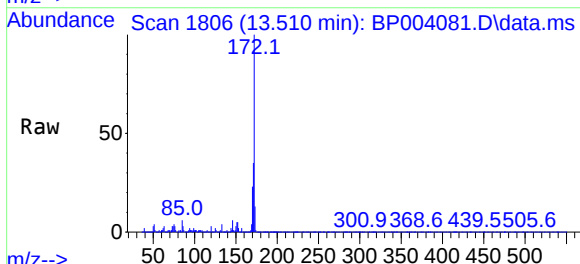
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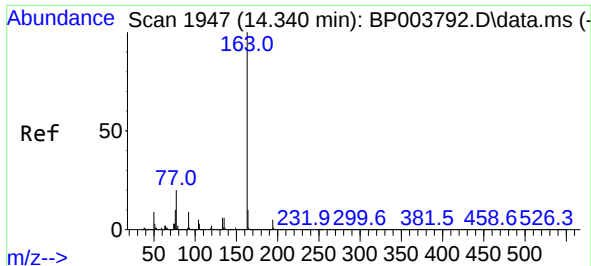
Tgt Ion:330 Resp: 162273
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 26.36 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:172 Resp: 585955
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.6 19.2 28.8

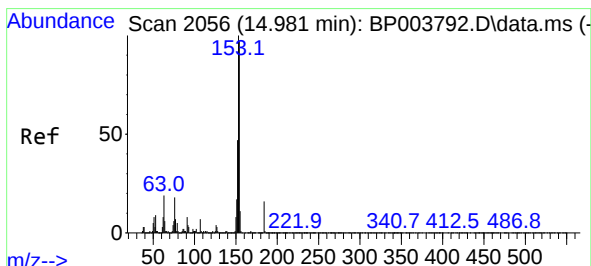
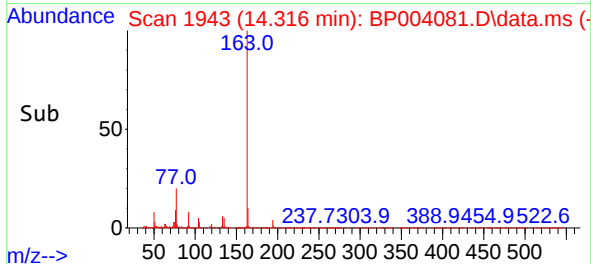
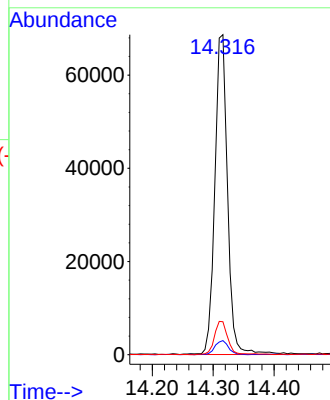
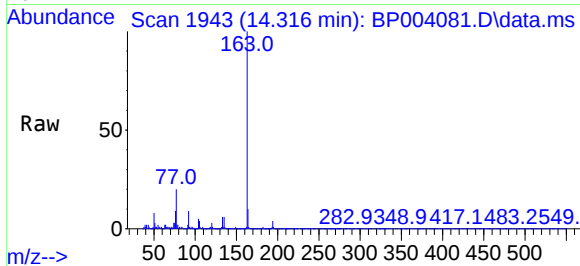




#50
Dimethylphthalate
Concen: 4.09 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

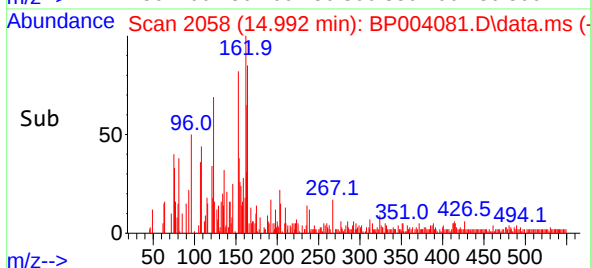
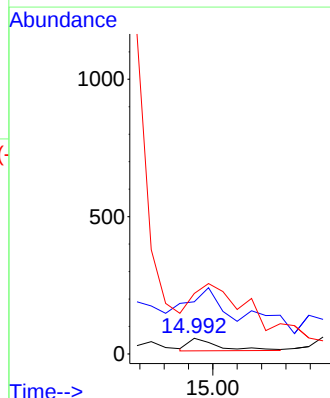
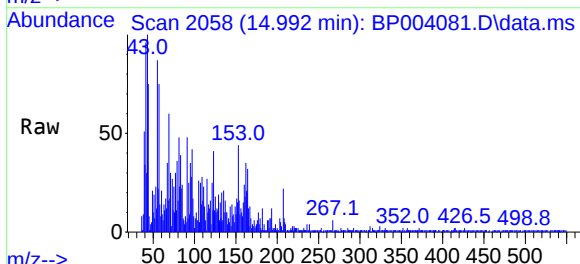
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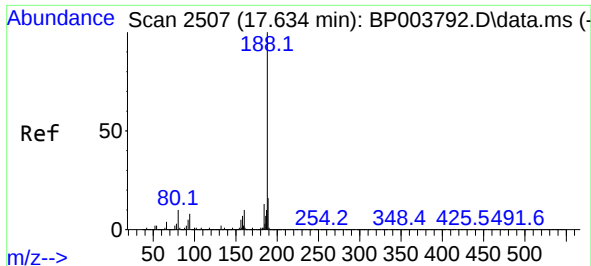
Tgt Ion:	163	Resp:	99333
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.3	8.2	12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:	184	Resp:	39
Ion Ratio	Lower	Upper	
184	100		
63	333.3	32.3	48.5#
154	386.0	49.1	73.7#

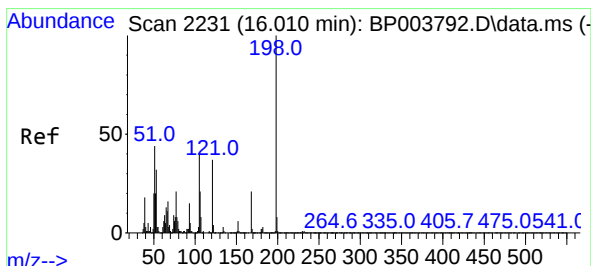
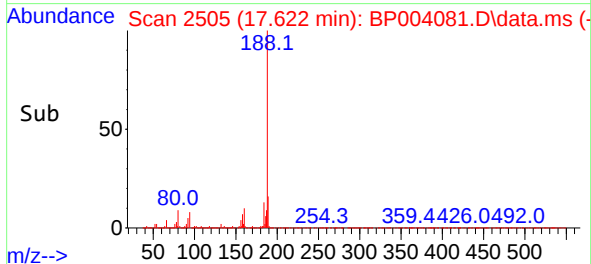
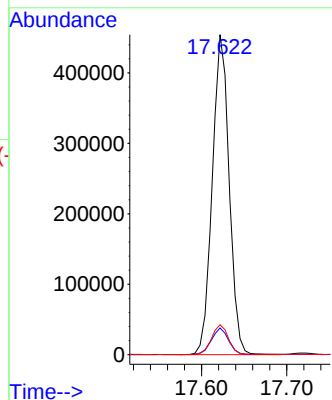
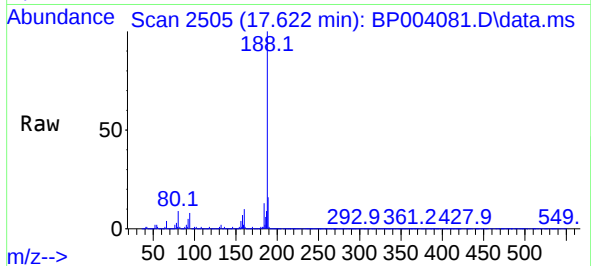




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

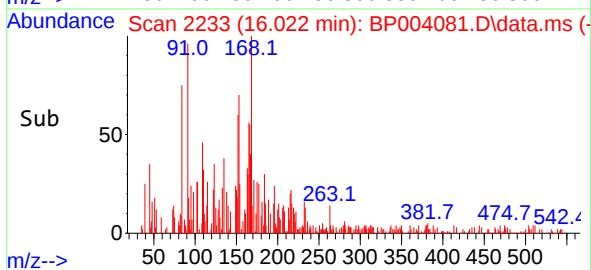
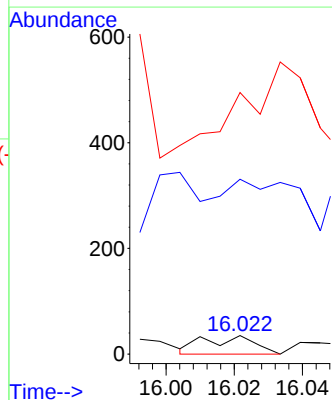
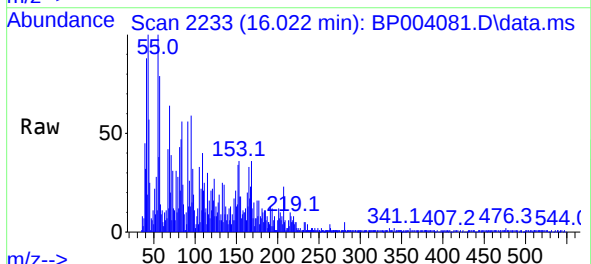
Instrument :
BNA_P
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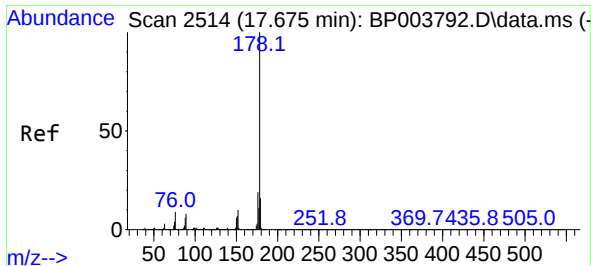
Tgt Ion:188 Resp: 625602
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 945.7 6.4 46.4#
105 1414.3 18.9 58.9#

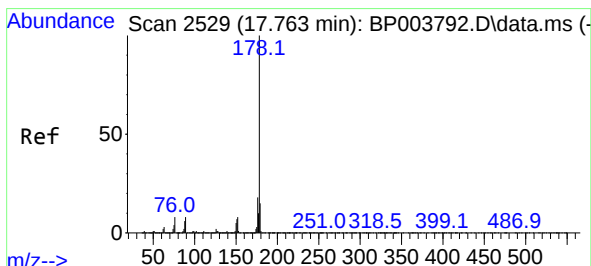
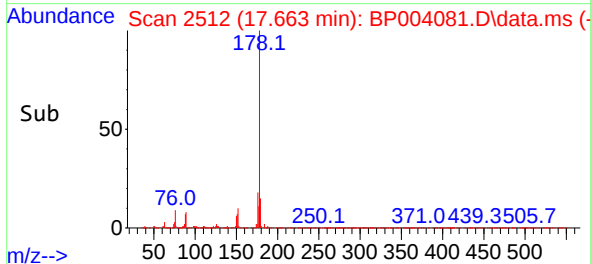
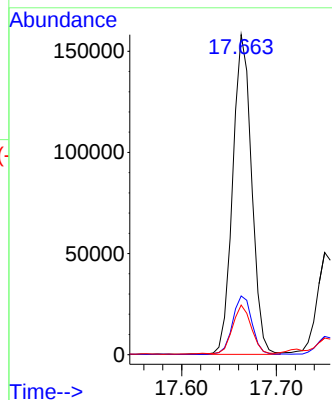
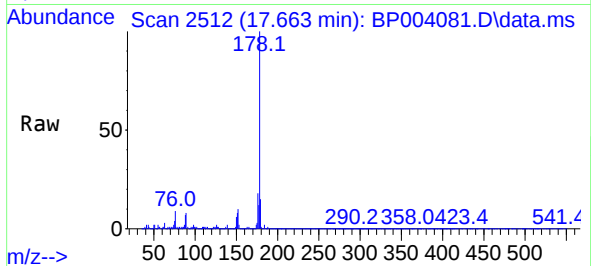




#71
Phenanthrene
Concen: 6.25 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

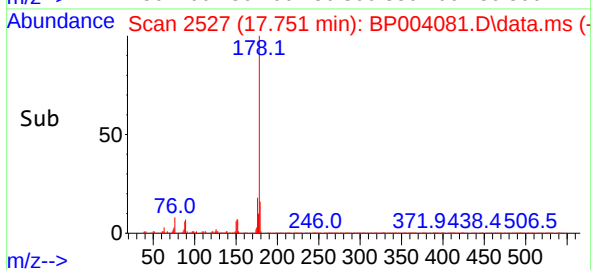
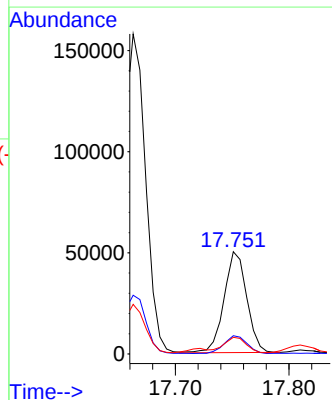
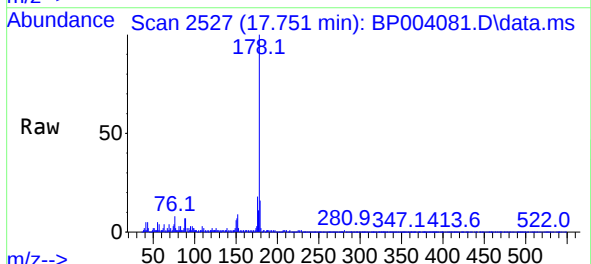
Instrument :
BNA_P
ClientSampled :
SB-07

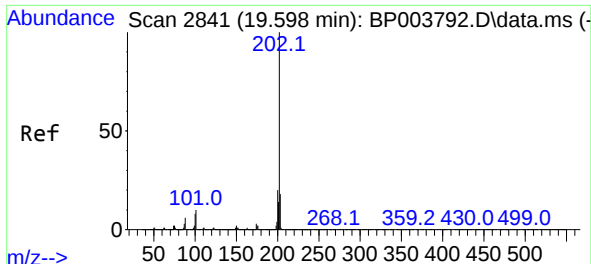
Tgt Ion:178 Resp: 219290
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 2.05 ng
RT: 17.751 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:178 Resp: 69439
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 16.3 12.5 18.7

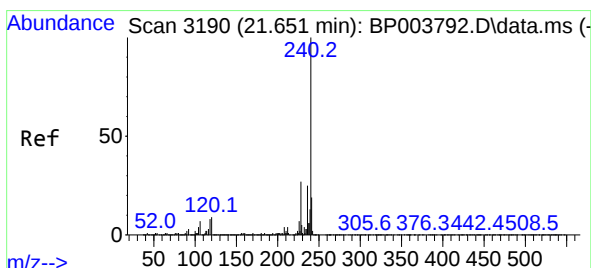
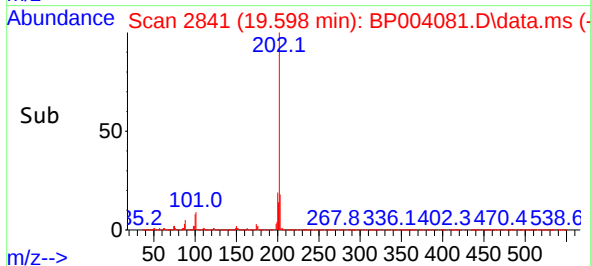
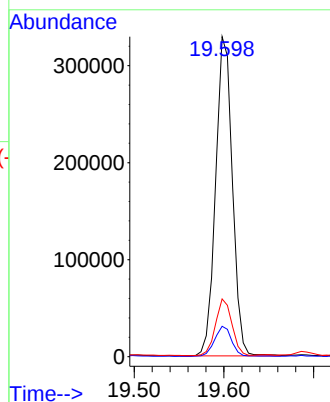
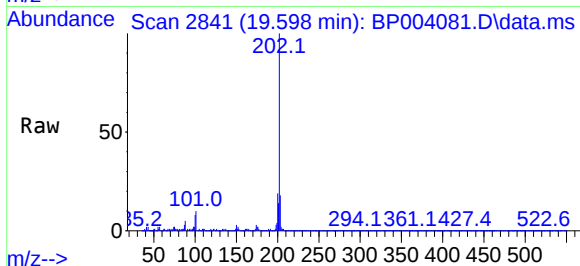




#75
Fluoranthene
Concen: 10.54 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

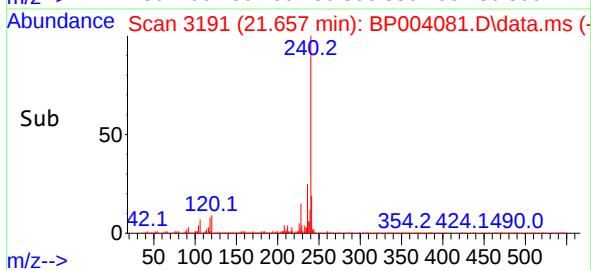
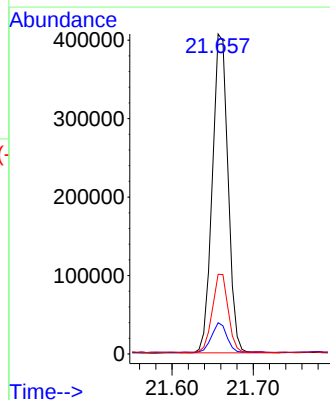
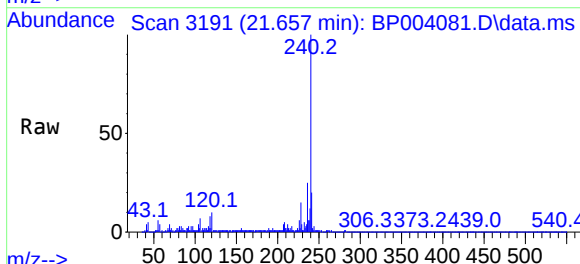
Instrument :
BNA_P
ClientSampleId :
SB-07

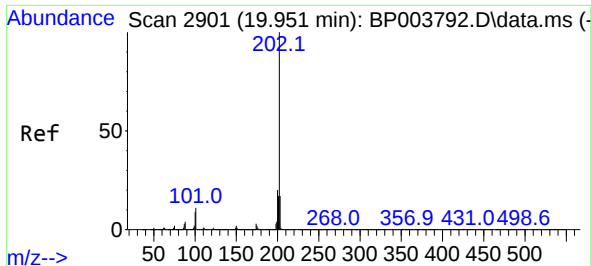
Tgt Ion:	202	Resp:	427011
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:	240	Resp:	546230
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	24.9	20.8	31.2

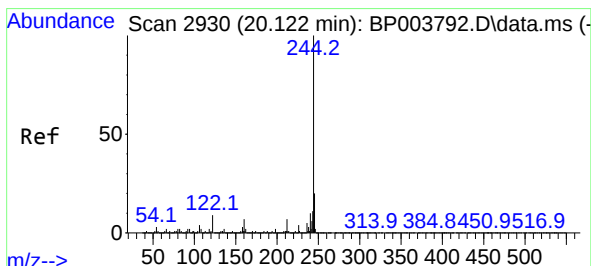
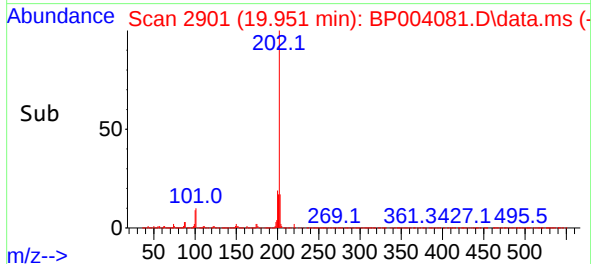
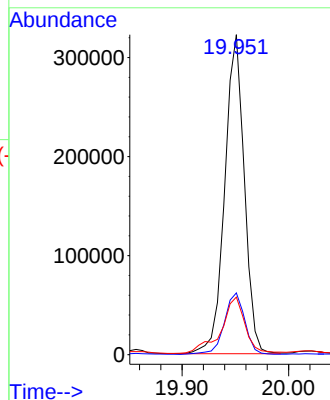
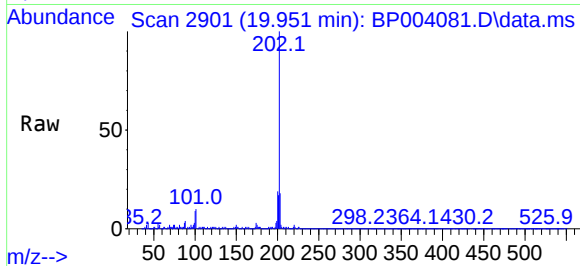




#78
Pyrene
Concen: 11.06 ng
RT: 19.951 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

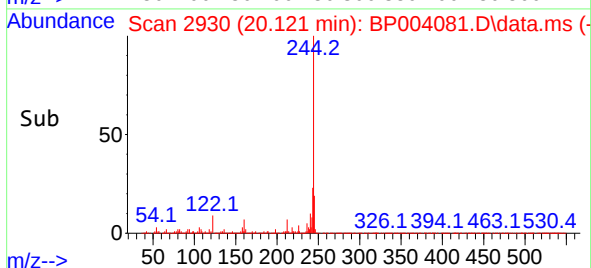
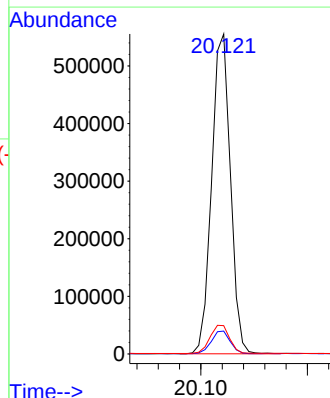
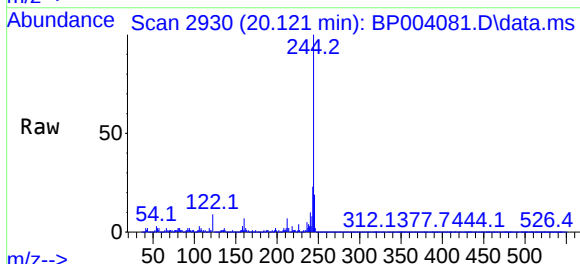
Instrument :
BNA_P
ClientSampleId :
SB-07

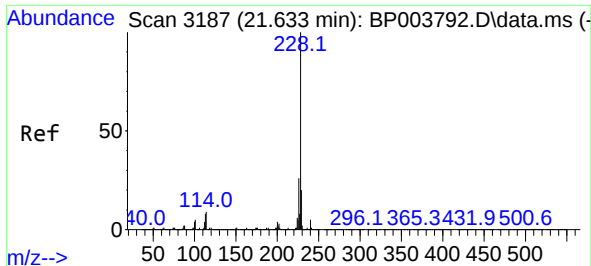
Tgt Ion:	202	Resp:	410063
Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.1	25.7
203	18.0	14.2	21.2



#79
Terphenyl-d14
Concen: 23.97 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:	244	Resp:	677707
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	8.9	7.8	11.8

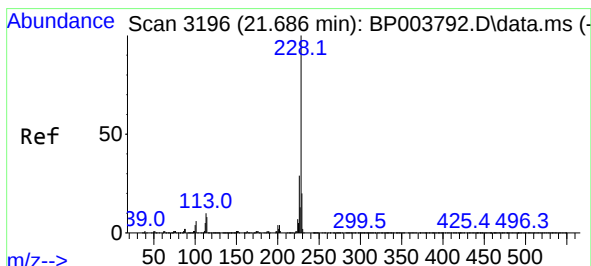
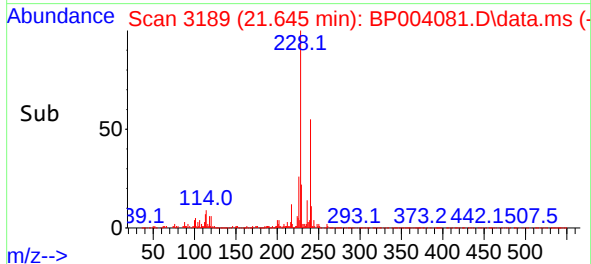
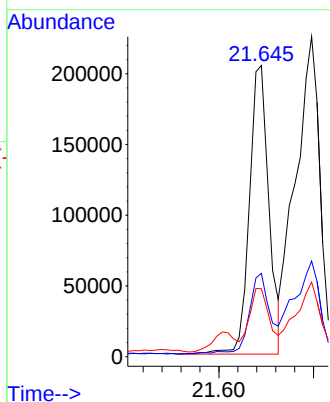
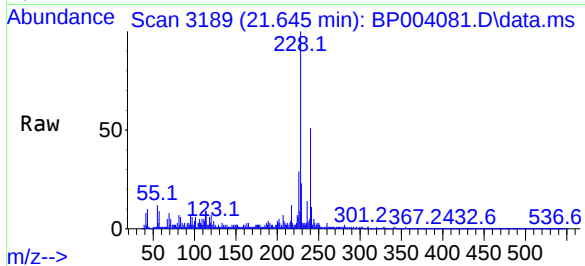




#81
Benzo(a)anthracene
Concen: 8.12 ng
RT: 21.645 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

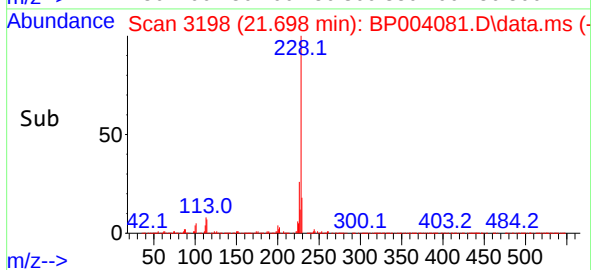
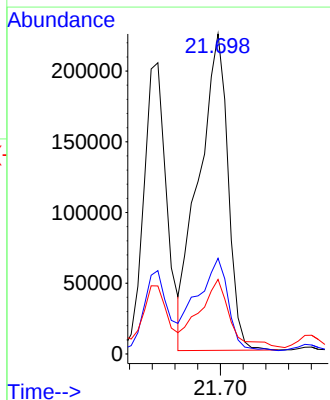
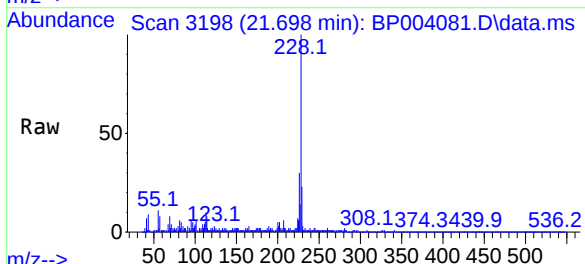
Instrument :
BNA_P
ClientSampled :
SB-07

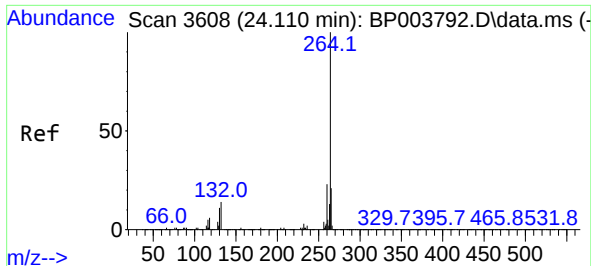
Tgt Ion:228 Resp: 292396
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 23.3 15.9 23.9



#83
Chrysene
Concen: 11.59 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:228 Resp: 401006
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 23.3 15.8 23.6



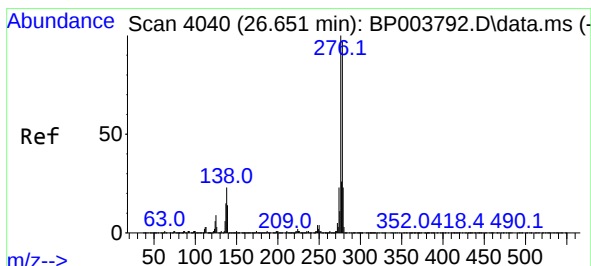
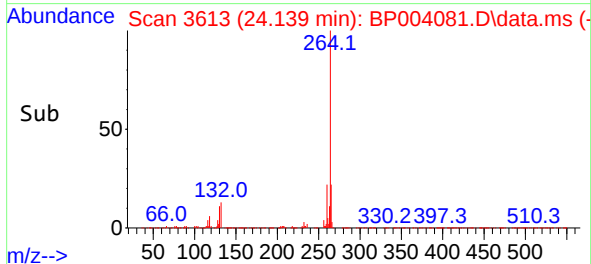
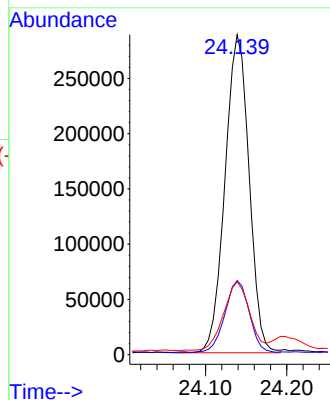
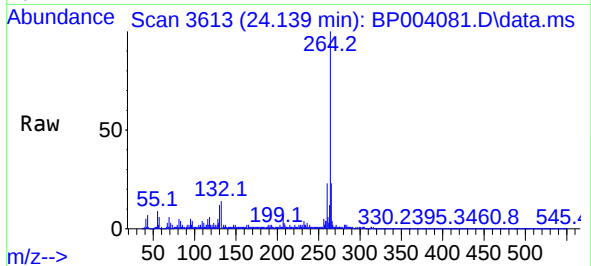


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Instrument :
BNA_P
ClientSampled :
SB-07

Tgt Ion: 264 Resp: 592822

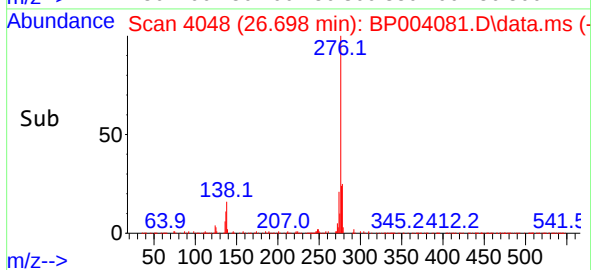
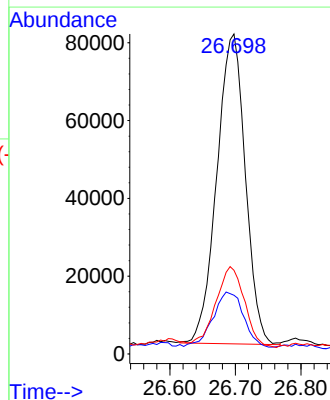
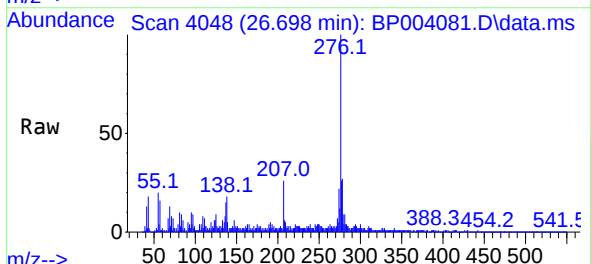
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.8	17.4	26.2

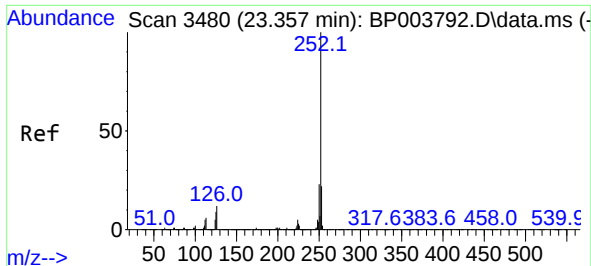


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.62 ng
RT: 26.698 min Scan# 4048
Delta R.T. 0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion: 276 Resp: 240323

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.7	28.1
277	26.8	20.4	30.6

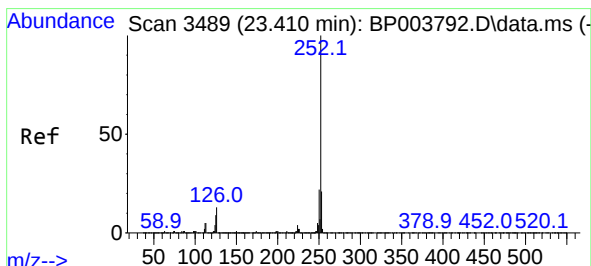
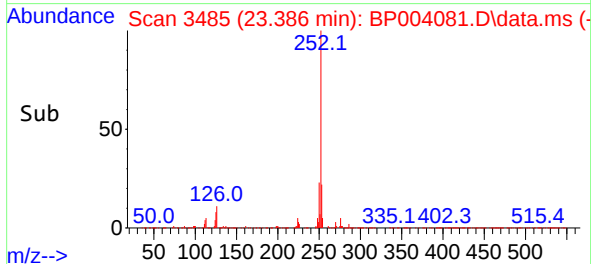
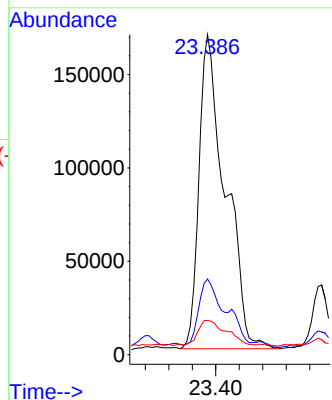
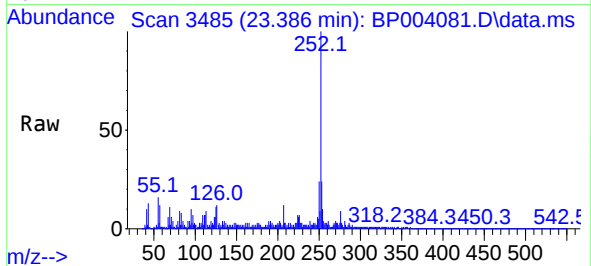




#88
Benzo(b)fluoranthene
Concen: 13.46 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

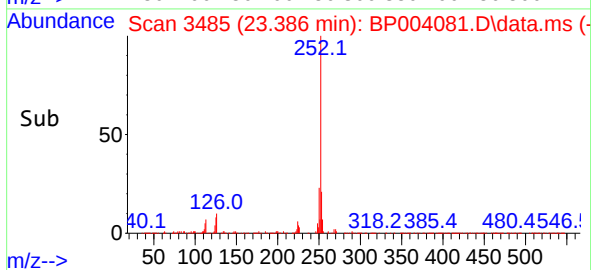
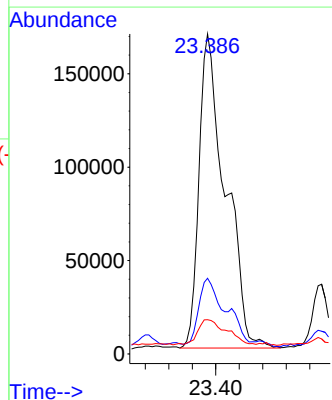
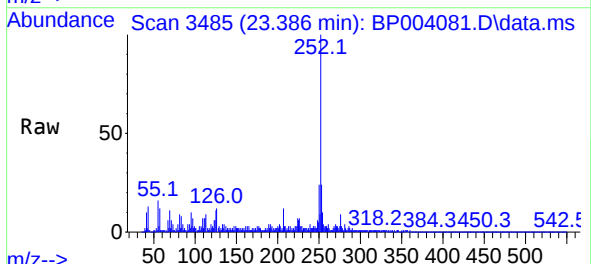
Instrument :
BNA_P
ClientSampled :
SB-07

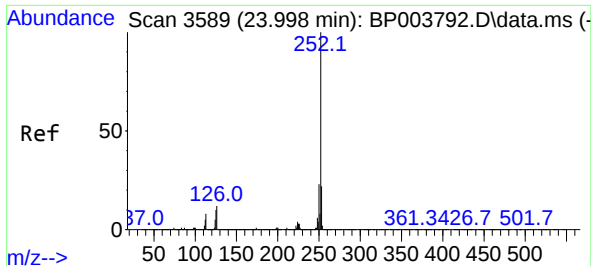
Tgt Ion:	252	Resp:	522034
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	10.7	7.3	10.9



#89
Benzo(k)fluoranthene
Concen: 13.63 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.041 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Tgt Ion:	252	Resp:	522034
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	10.7	7.4	11.2

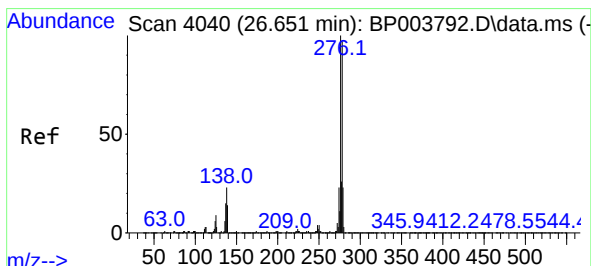
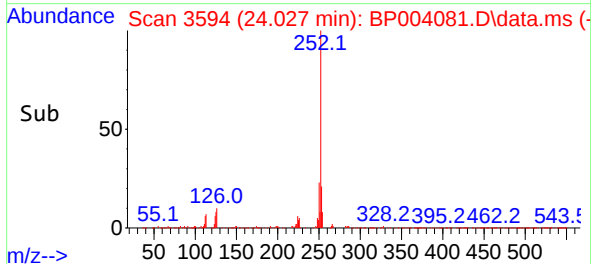
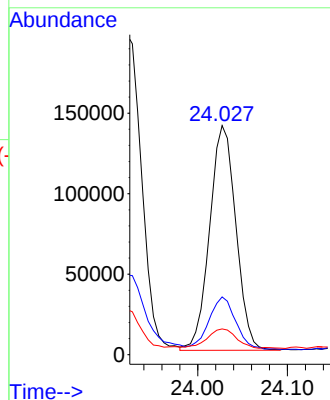
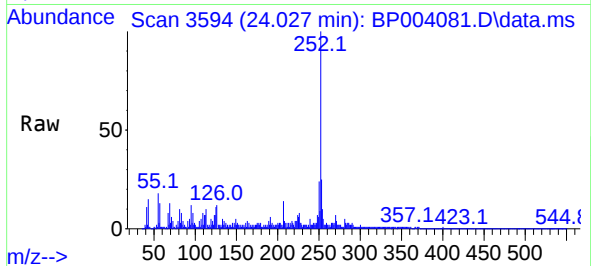




#90
Benzo(a)pyrene
Concen: 7.91 ng
RT: 24.027 min Scan# 3594
Delta R.T. 0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

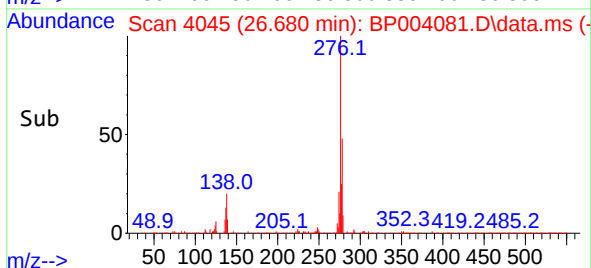
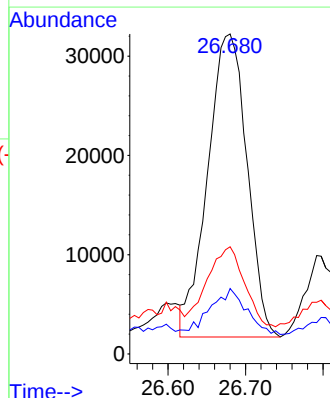
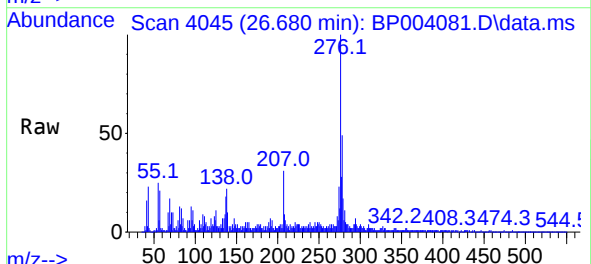
Instrument :
BNA_P
ClientSampled :
SB-07

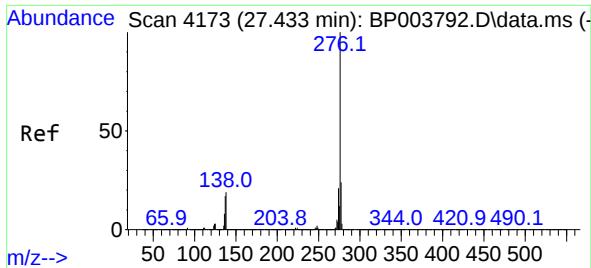
Tgt Ion:	252	Resp:	283996
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.0
125	11.2	8.2	12.4



#91
Dibenzo(a,h)anthracene
Concen: 3.02 ng
RT: 26.680 min Scan# 4045
Delta R.T. -0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

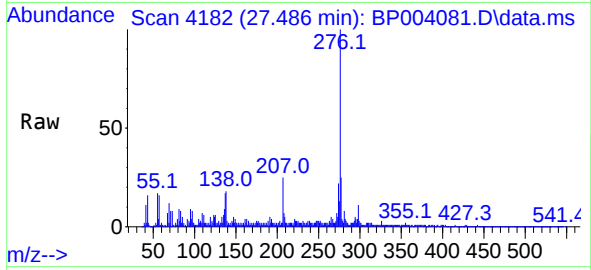
Tgt Ion:	278	Resp:	107790
Ion Ratio	Lower	Upper	
278	100		
139	20.5	12.4	18.6#
279	33.5	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 7.71 ng
RT: 27.486 min Scan# 4182
Delta R.T. 0.006 min
Lab File: BP004081.D
Acq: 24 Nov 2020 18:09

Instrument :
BNA_P
ClientSampleId :
SB-07



Tgt Ion:276 Resp: 266194
Ion Ratio Lower Upper
276 100
277 25.3 19.0 28.6
138 18.5 16.6 24.8

