

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006148.D
 Acq On : 08 Jul 2021 19:51
 Operator : CG/JU
 Sample : M2944-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-070621

Quant Time: Jul 09 04:29:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

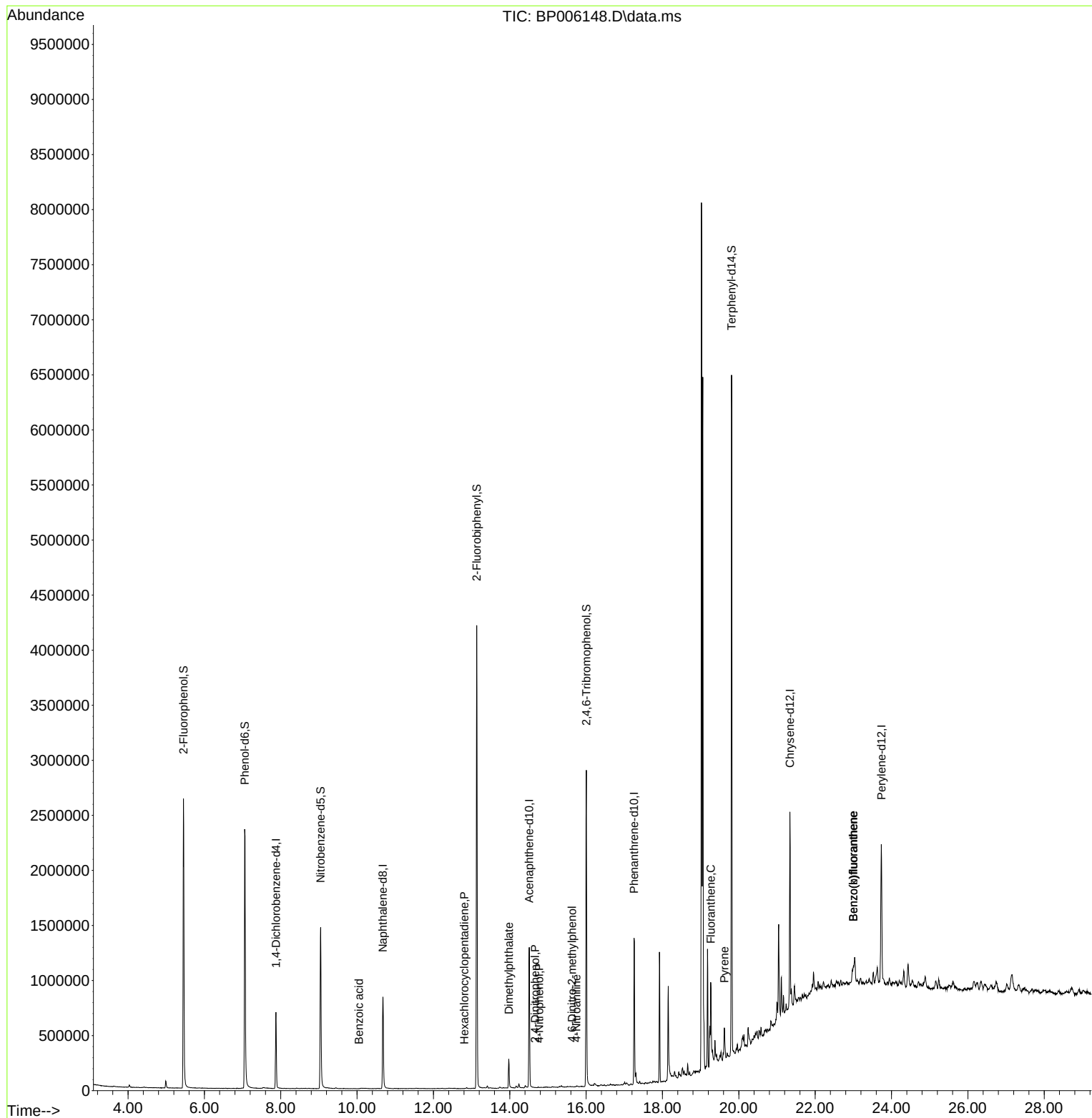
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	206175	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	798373	20.00	ng	# 0.00
39) Acenaphthene-d10	14.510	164	444208	20.00	ng	0.00
64) Phenanthrene-d10	17.257	188	819624	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	753712	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	874204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1343073	112.09	ng	0.00
7) Phenol-d6	7.058	99	1619971	102.21	ng	0.00
23) Nitrobenzene-d5	9.046	82	918091	72.64	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	545032	103.06	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2125617	70.74	ng	0.00
79) Terphenyl-d14	19.810	244	2687891	70.31	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.052	122	33	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.810	237	36	8.72	ng	78
50) Dimethylphthalate	13.975	163	187449	5.87	ng	98
54) 2,4-Dinitrophenol	14.663	184	13	8.88	ng	# 1
56) 4-Nitrophenol	14.769	139	62	7.13	ng	# 1
62) 4-Nitroaniline	15.745	138	68	2.97	ng	84
65) 4,6-Dinitro-2-methylph...	15.634	198	27	4.42	ng	# 1
75) Fluoranthene	19.269	202	143718	2.83	ng	93
78) Pyrene	19.622	202	152157	2.99	ng	99
88) Benzo(b)fluoranthene	23.004	252	132322	2.50	ng	# 81
89) Benzo(k)fluoranthene	23.004	252	132322	2.55	ng	# 81

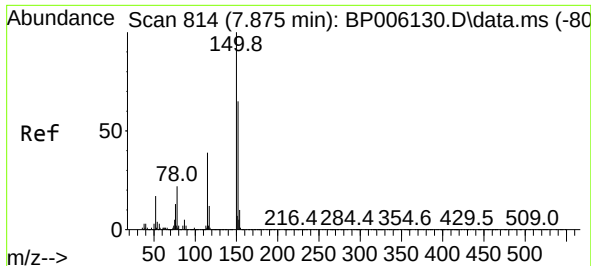
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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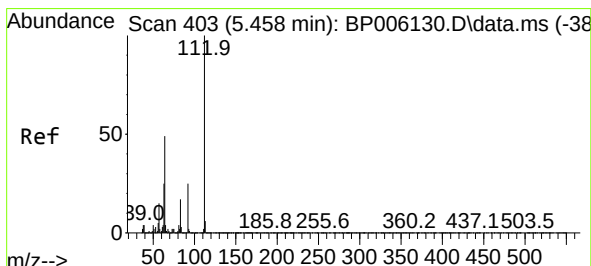
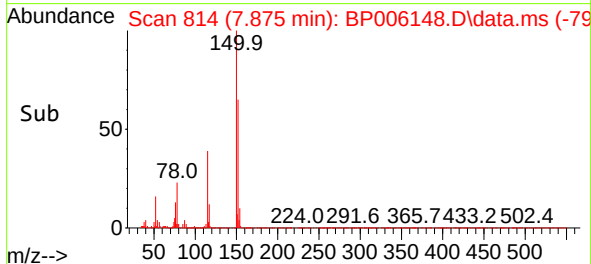
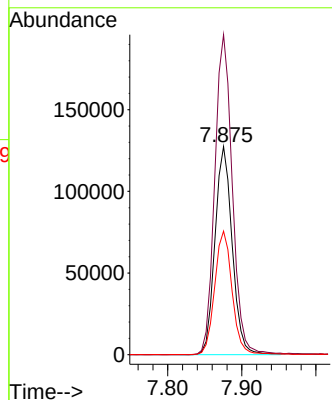
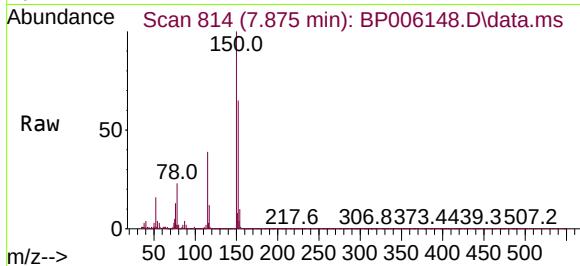




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

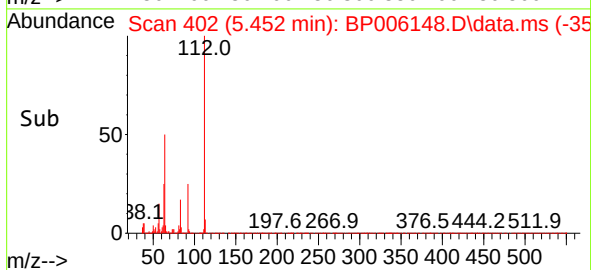
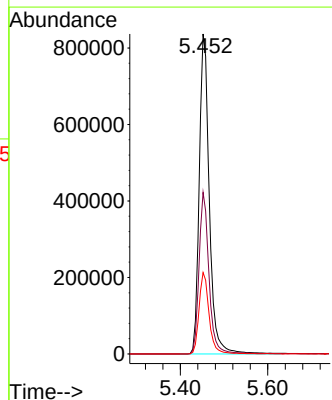
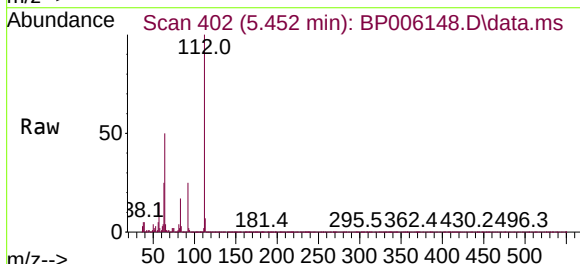
Instrument :
BNA_P
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BU-03-070621

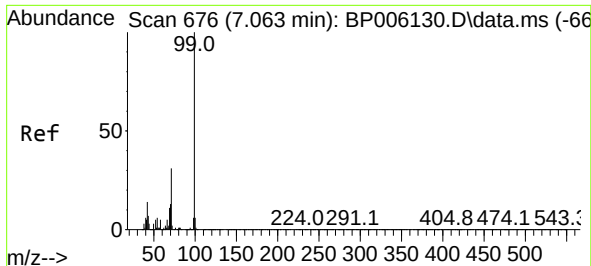
Tgt Ion:152 Resp: 206175
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 59.3 48.5 72.7



#5
2-Fluorophenol
Concen: 112.09 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:112 Resp: 1343073
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 25.5 23.8 35.8

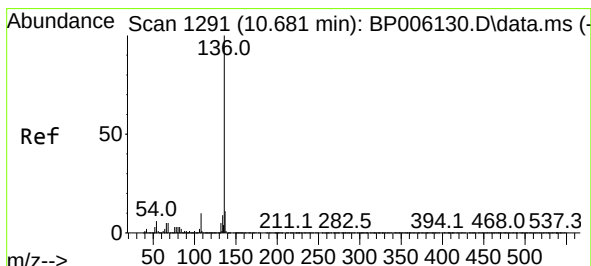
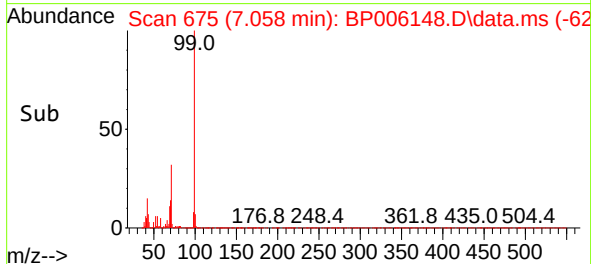
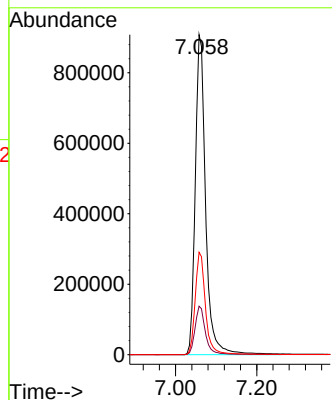
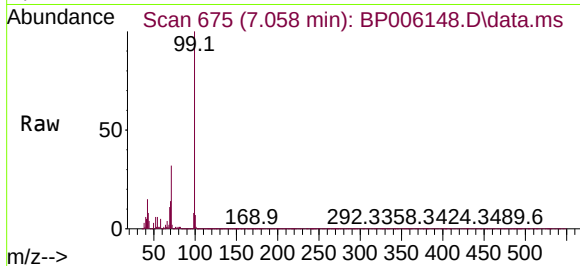




#7
Phenol-d6
Concen: 102.21 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

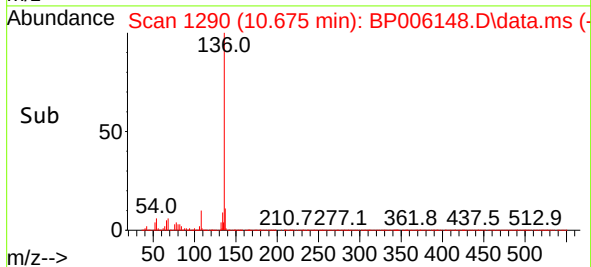
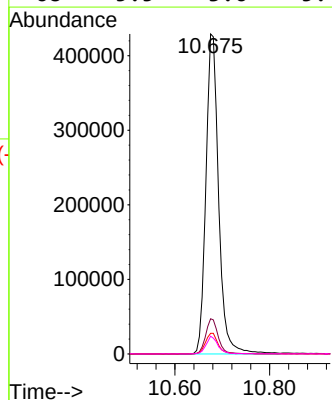
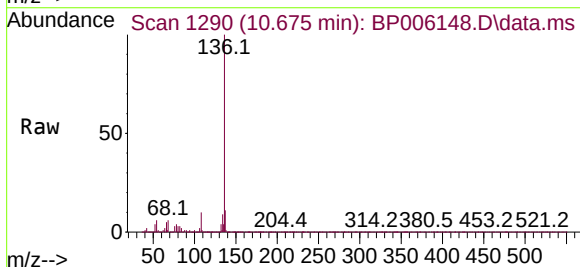
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

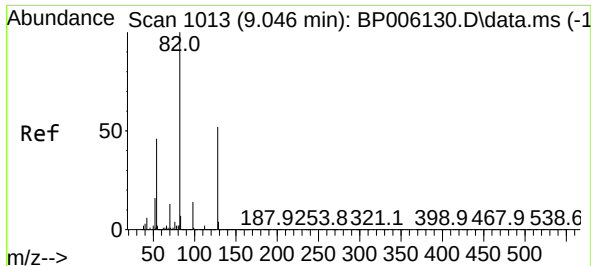
Tgt Ion: 99 Resp: 1619971
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 32.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion: 136 Resp: 798373
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.4 4.6 6.8
68 5.5 3.6 5.4#

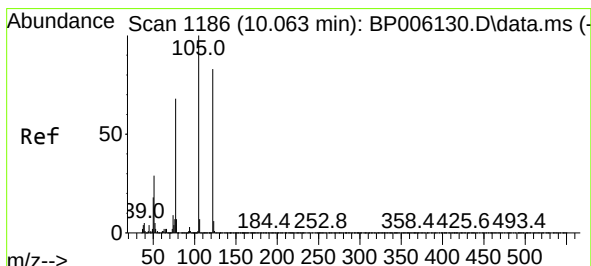
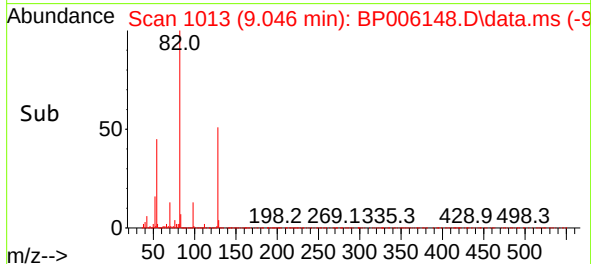
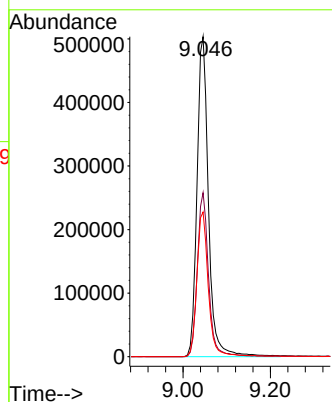
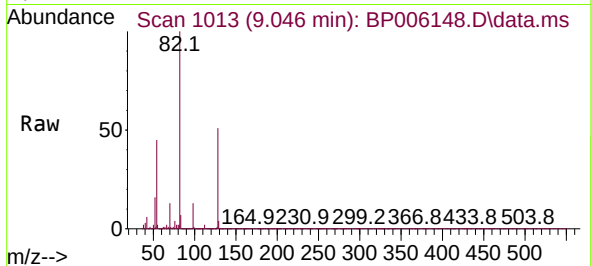




#23
Nitrobenzene-d5
Concen: 72.64 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

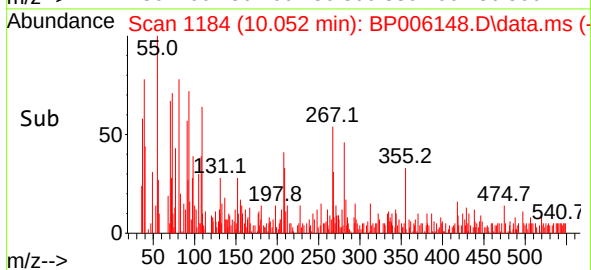
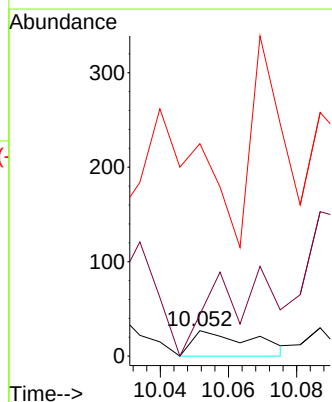
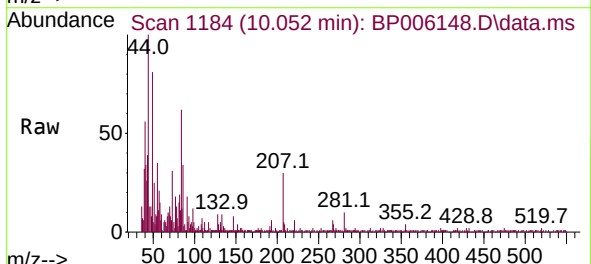
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

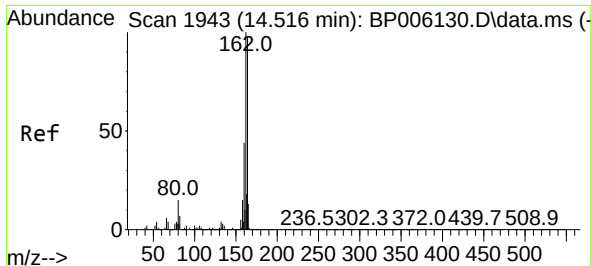
Tgt Ion: 82 Resp: 918091
Ion Ratio Lower Upper
82 100
128 51.2 35.7 53.5
54 45.2 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.052 min Scan# 1184
Delta R.T. -0.011 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion: 122 Resp: 33
Ion Ratio Lower Upper
122 100
105 163.0 103.2 143.2#
77 833.3 76.2 116.2#

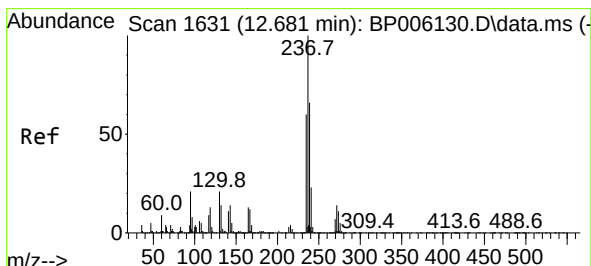
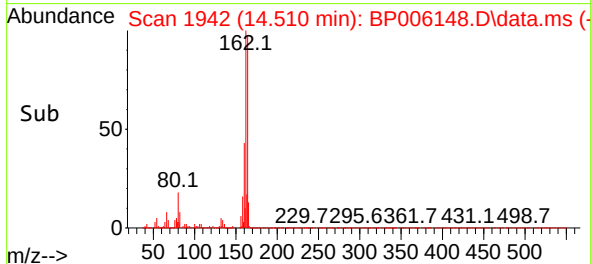
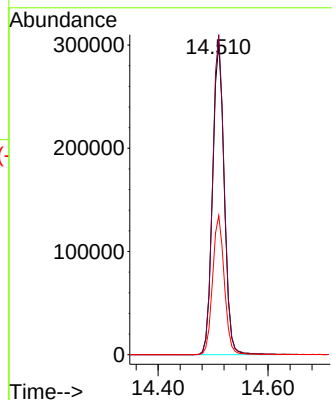
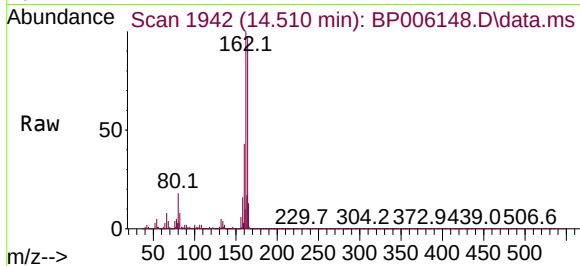




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

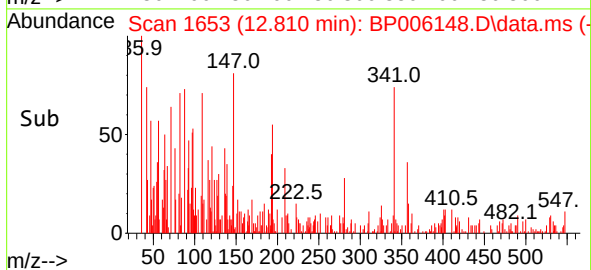
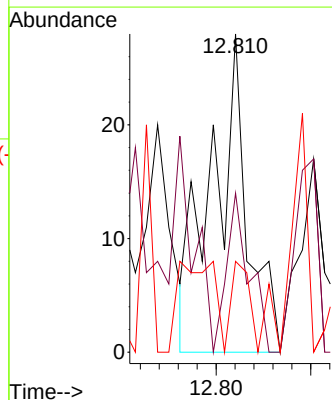
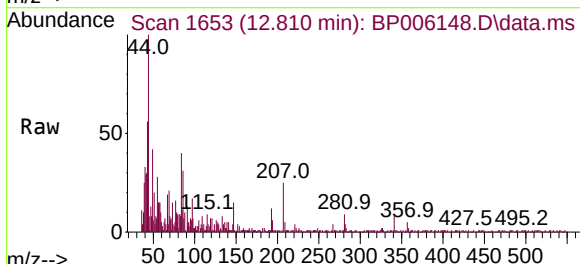
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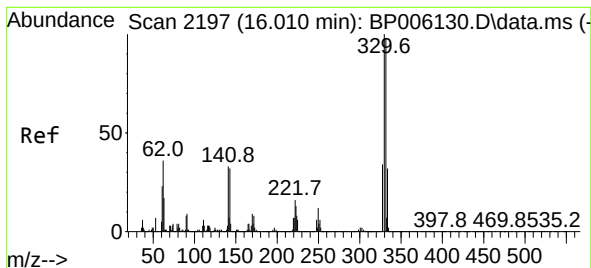
Tgt Ion:	164	Resp:	444208
Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.7	34.5	51.7



#41
Hexachlorocyclopentadiene
Concen: 8.72 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.129 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:	237	Resp:	36
Ion	Ratio	Lower	Upper
237	100		
235	50.0	44.5	84.5
272	28.6	0.0	32.5

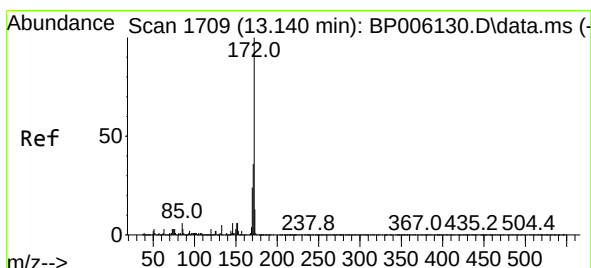
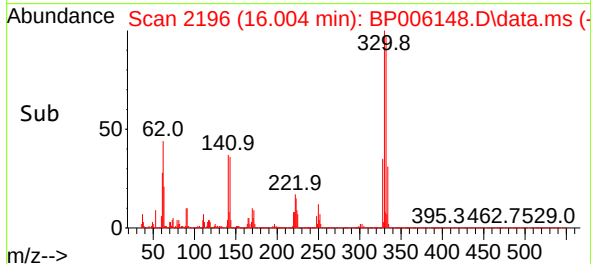
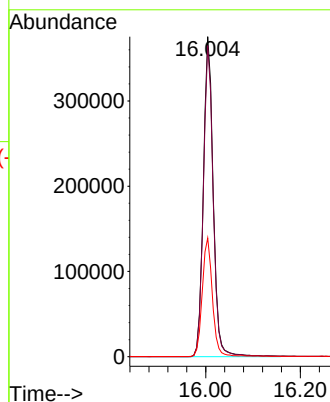
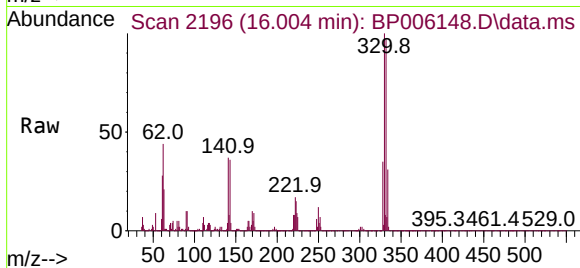




#42
2,4,6-Tribromophenol
Concen: 103.06 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

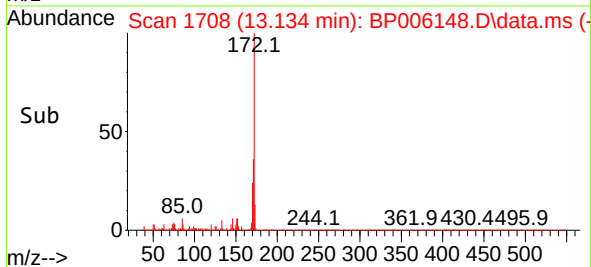
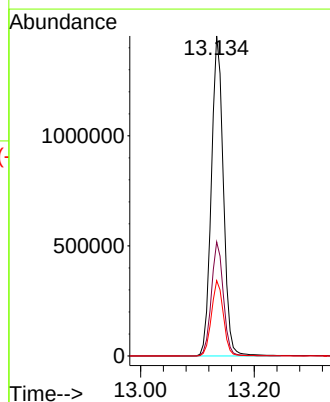
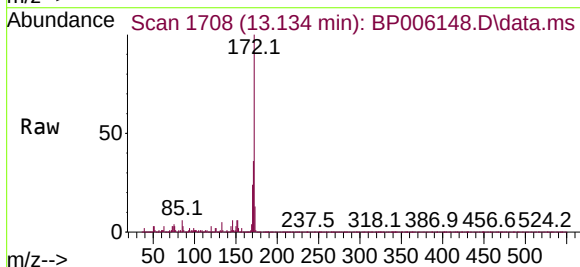
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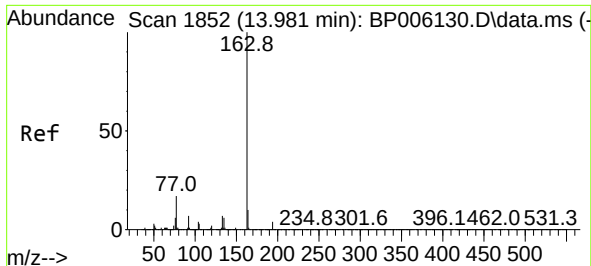
Tgt Ion:330 Resp: 545032
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 38.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 70.74 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:172 Resp: 2125617
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.6 18.6 27.8

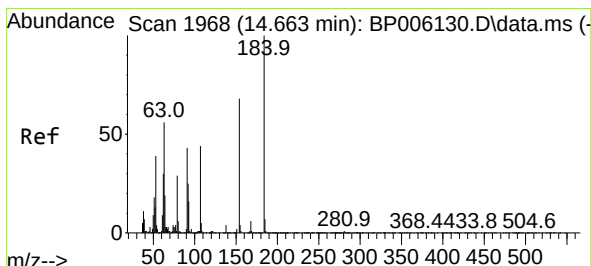
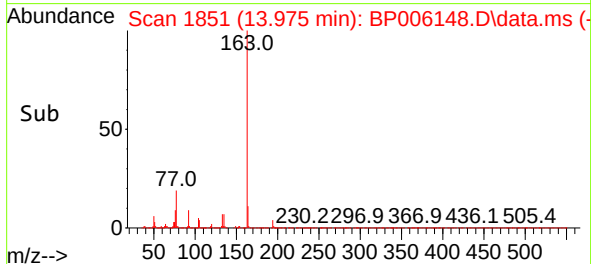
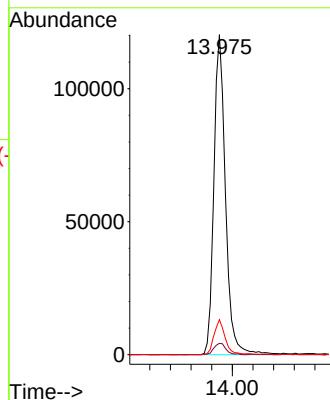
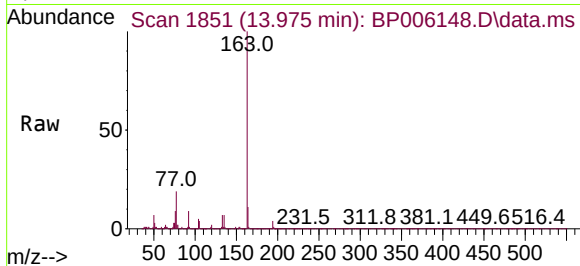




#50
Dimethylphthalate
Concen: 5.87 ng
RT: 13.975 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

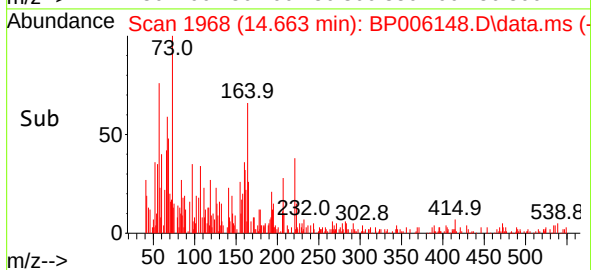
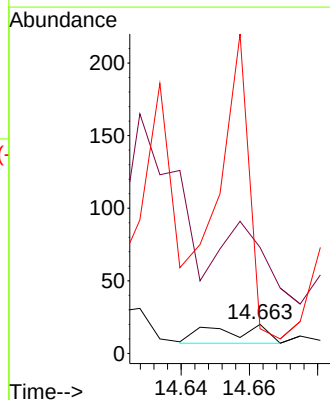
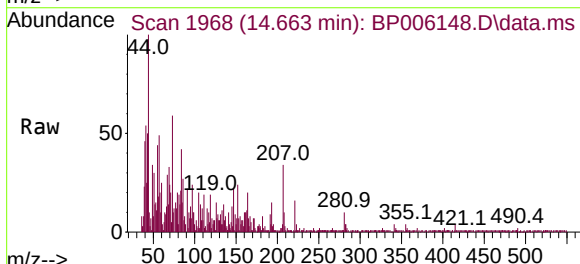
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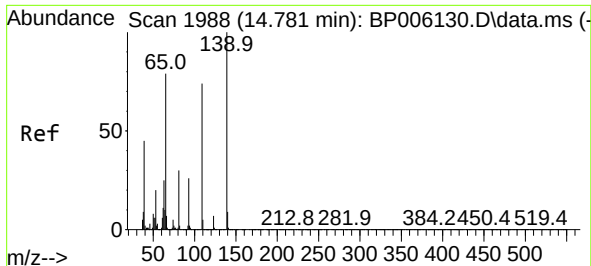
Tgt Ion:163 Resp: 187449
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 365.0 47.0 70.6#
154 85.0 52.3 78.5#

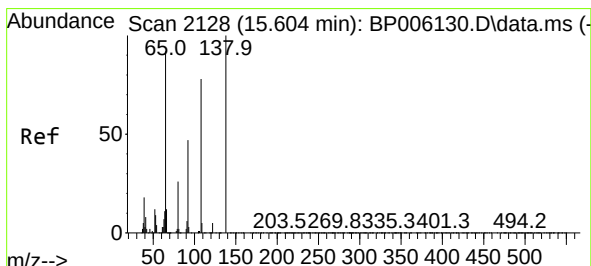
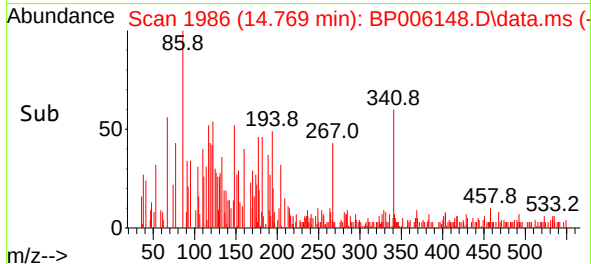
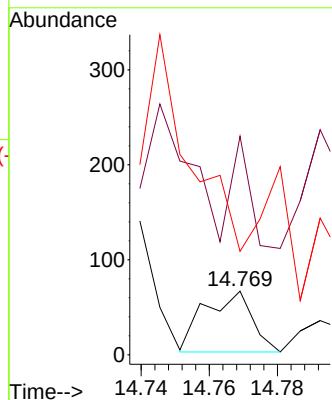
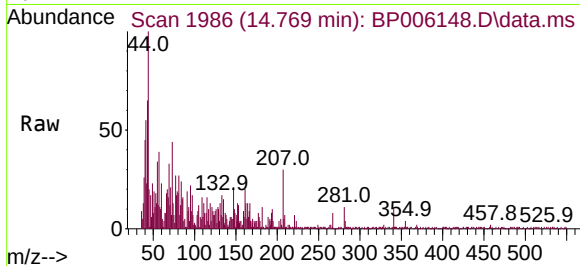




#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

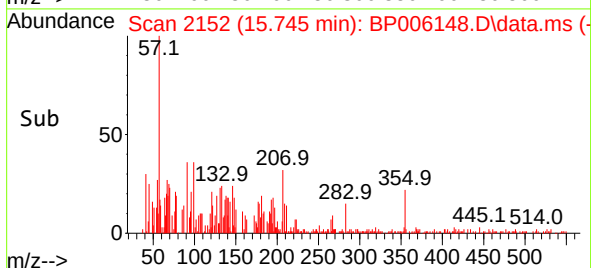
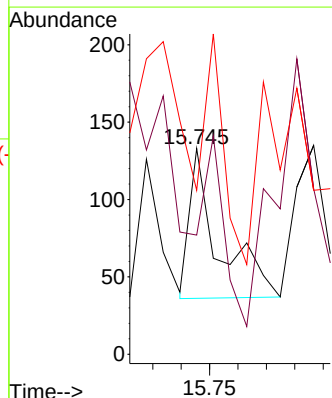
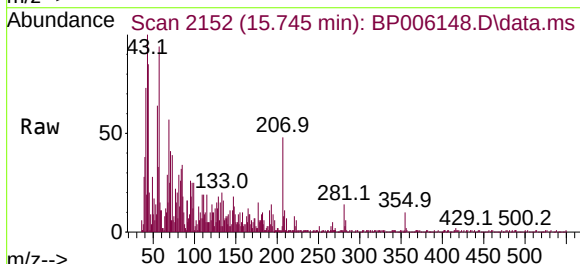
Instrument :
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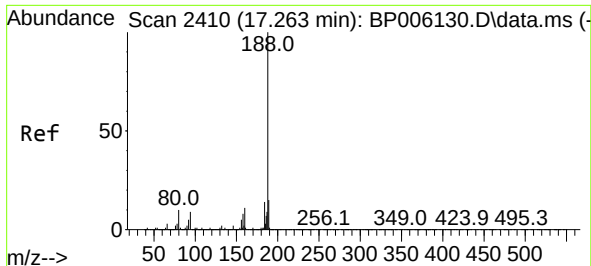
Tgt Ion	Ratio	Lower	Upper
139	100		
109	343.3	72.3	112.3#
65	162.7	72.5	112.5#



#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.745 min Scan# 2152
Delta R.T. 0.141 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	31.2	71.2
108	79.7	78.6	118.6

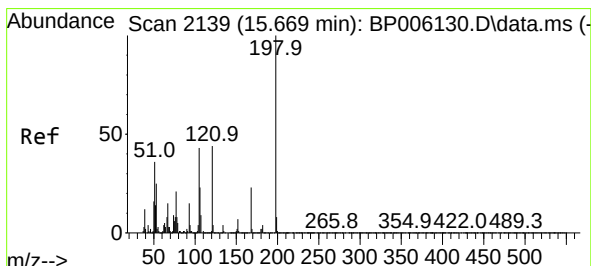
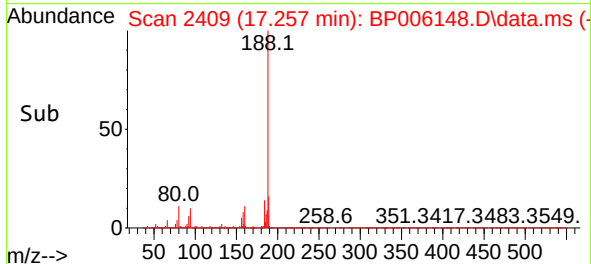
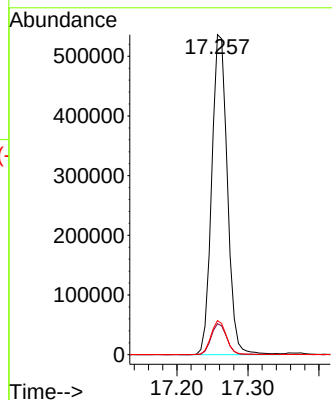
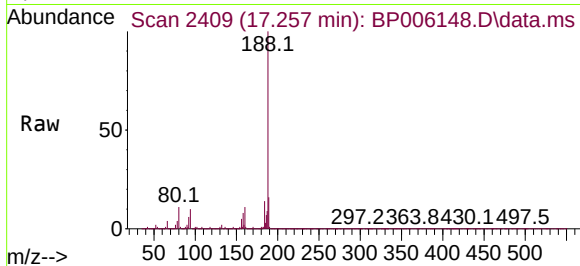




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

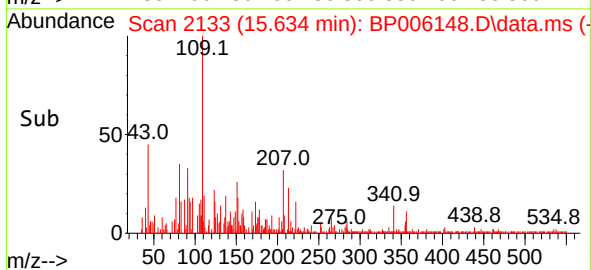
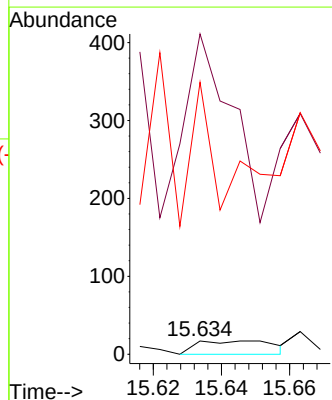
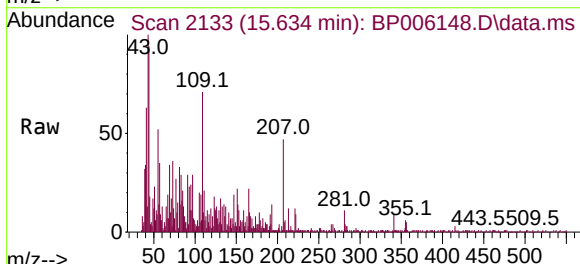
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

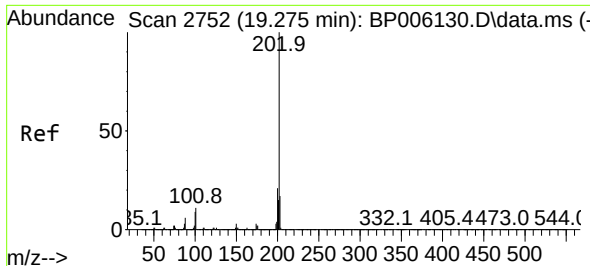
Tgt Ion:188 Resp: 819624
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.7 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.035 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 2417.6 14.0 54.0#
105 2052.9 19.5 59.5#

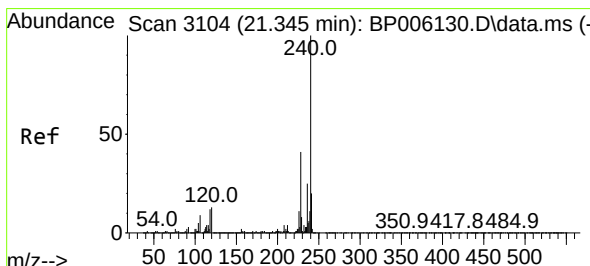
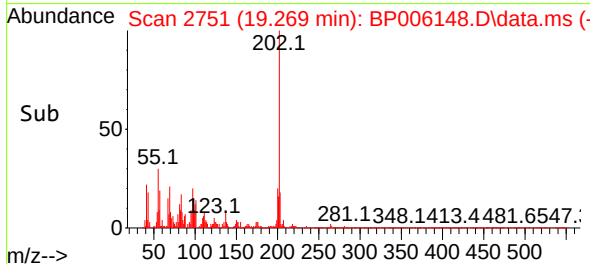
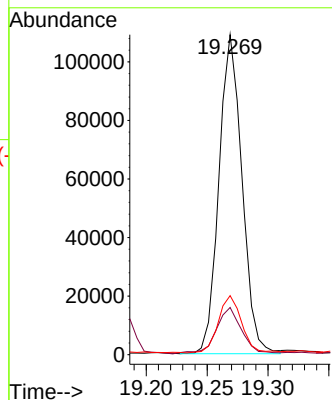
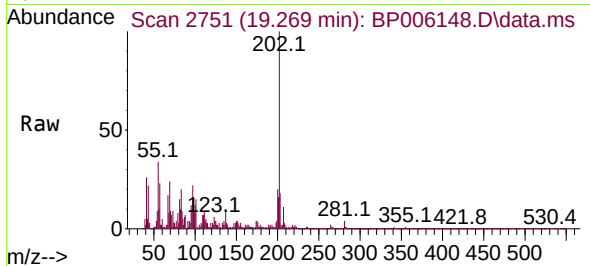




#75
Fluoranthene
Concen: 2.83 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

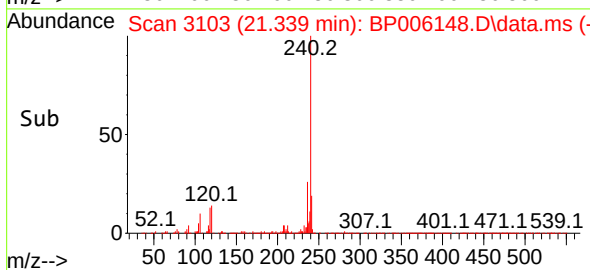
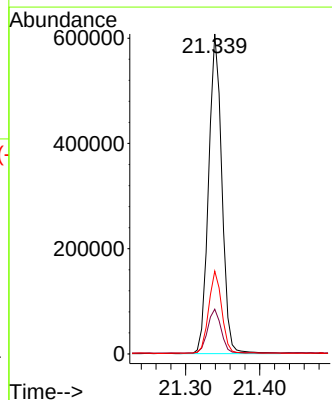
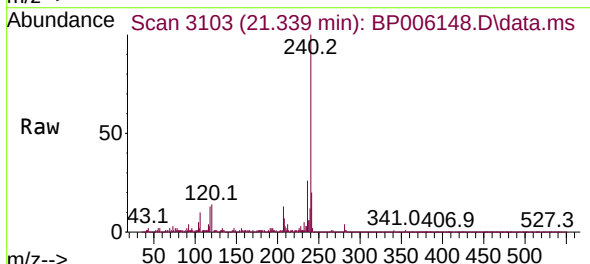
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

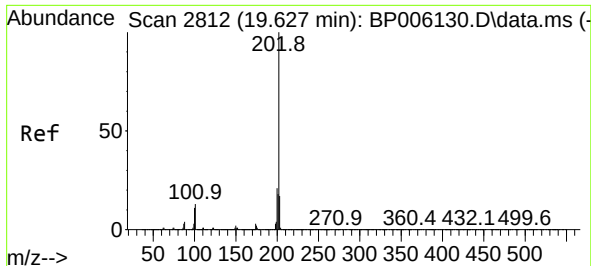
Tgt Ion:202 Resp: 143718
Ion Ratio Lower Upper
202 100
101 14.8 0.0 27.6
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:240 Resp: 753712
Ion Ratio Lower Upper
240 100
120 14.0 6.5 9.7#
236 25.9 20.6 31.0

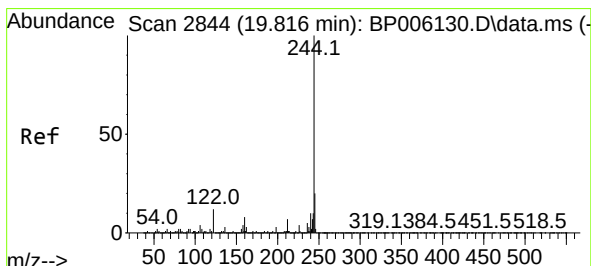
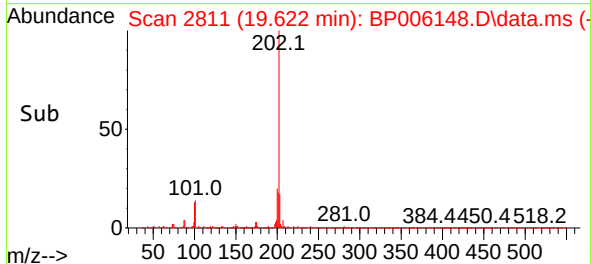
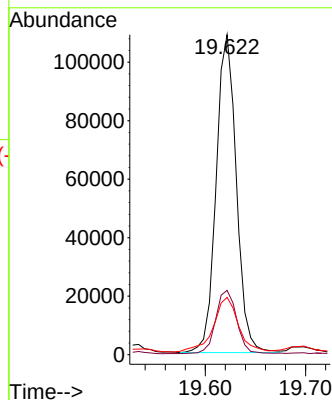
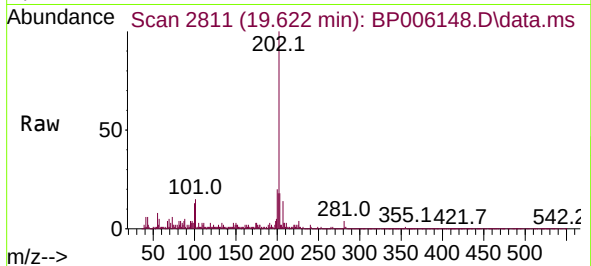




#78
Pyrene
Concen: 2.99 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

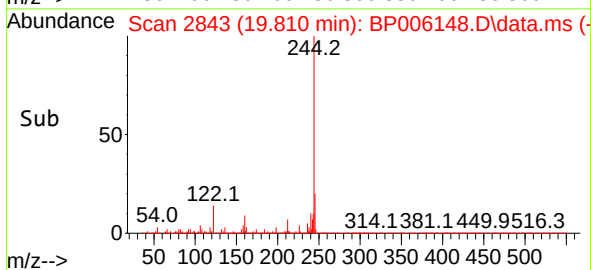
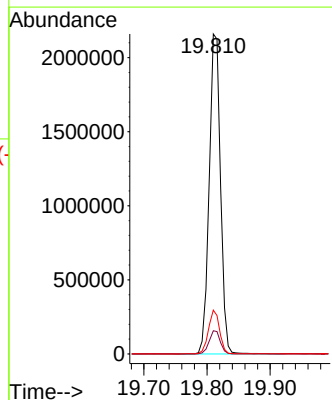
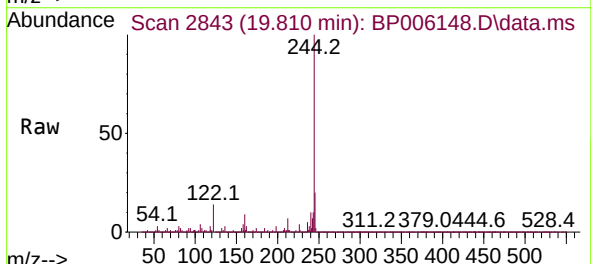
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

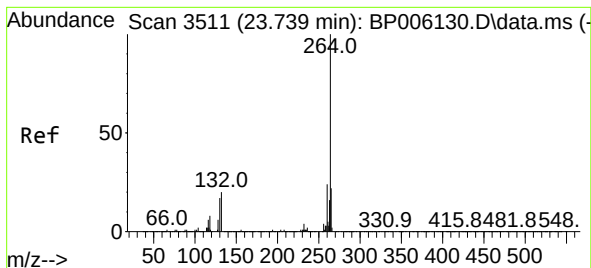
Tgt Ion:202 Resp: 152157
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 70.31 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:244 Resp: 2687891
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.7 7.1 10.7#

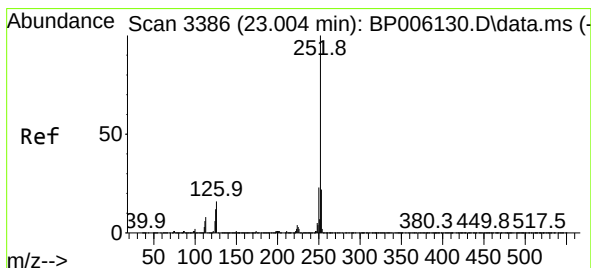
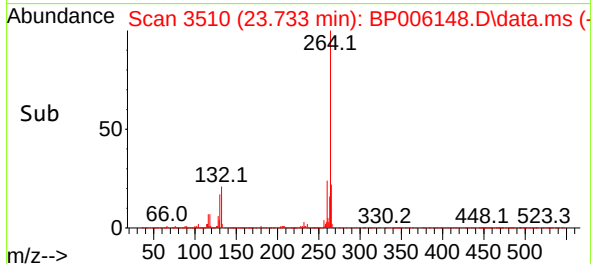
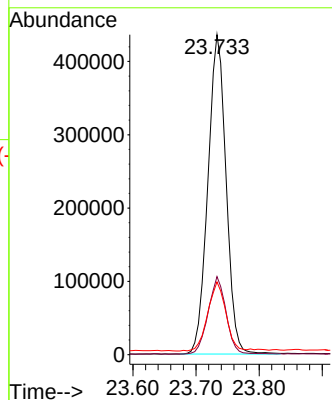
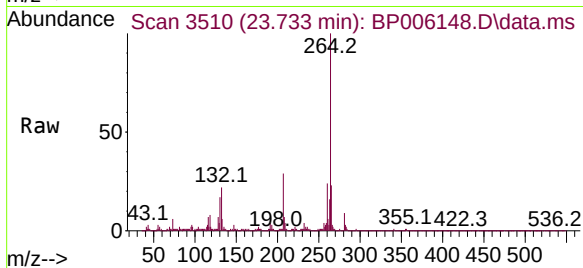




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

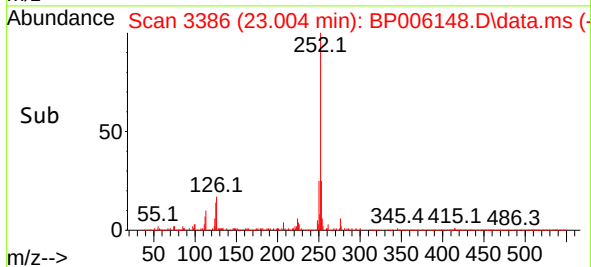
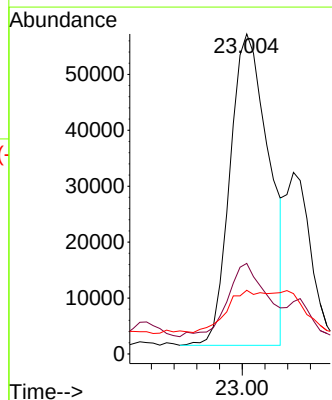
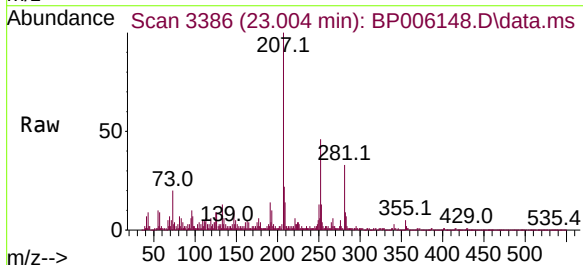
Instrument :
BNA_P
ClientSampleId :
BU-03-070621

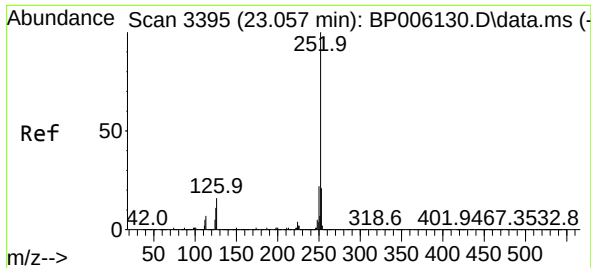
Tgt Ion:264 Resp: 874204
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 23.004 min Scan# 3386
Delta R.T. 0.000 min
Lab File: BP006148.D
Acq: 08 Jul 2021 19:51

Tgt Ion:252 Resp: 132322
Ion Ratio Lower Upper
252 100
253 28.3 17.5 26.3#
125 19.9 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.55 ng

RT: 23.004 min Scan# 3386

Delta R.T. -0.053 min

Lab File: BP006148.D

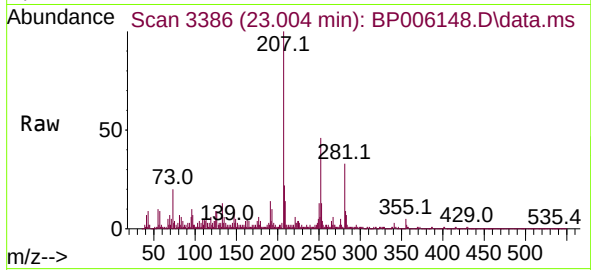
Acq: 08 Jul 2021 19:51

Instrument :

BNA_P

ClientSampleId :

BU-03-070621



Tgt Ion:252 Resp: 132322

Ion Ratio Lower Upper

252 100

253 28.3 17.6 26.4#

125 19.9 6.0 9.0#

