

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP06075.D
 Acq On : 28 Jun 2021 13:49
 Operator : CG/JU
 Sample : M2866-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124030

Quant Time: Jun 28 14:25:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

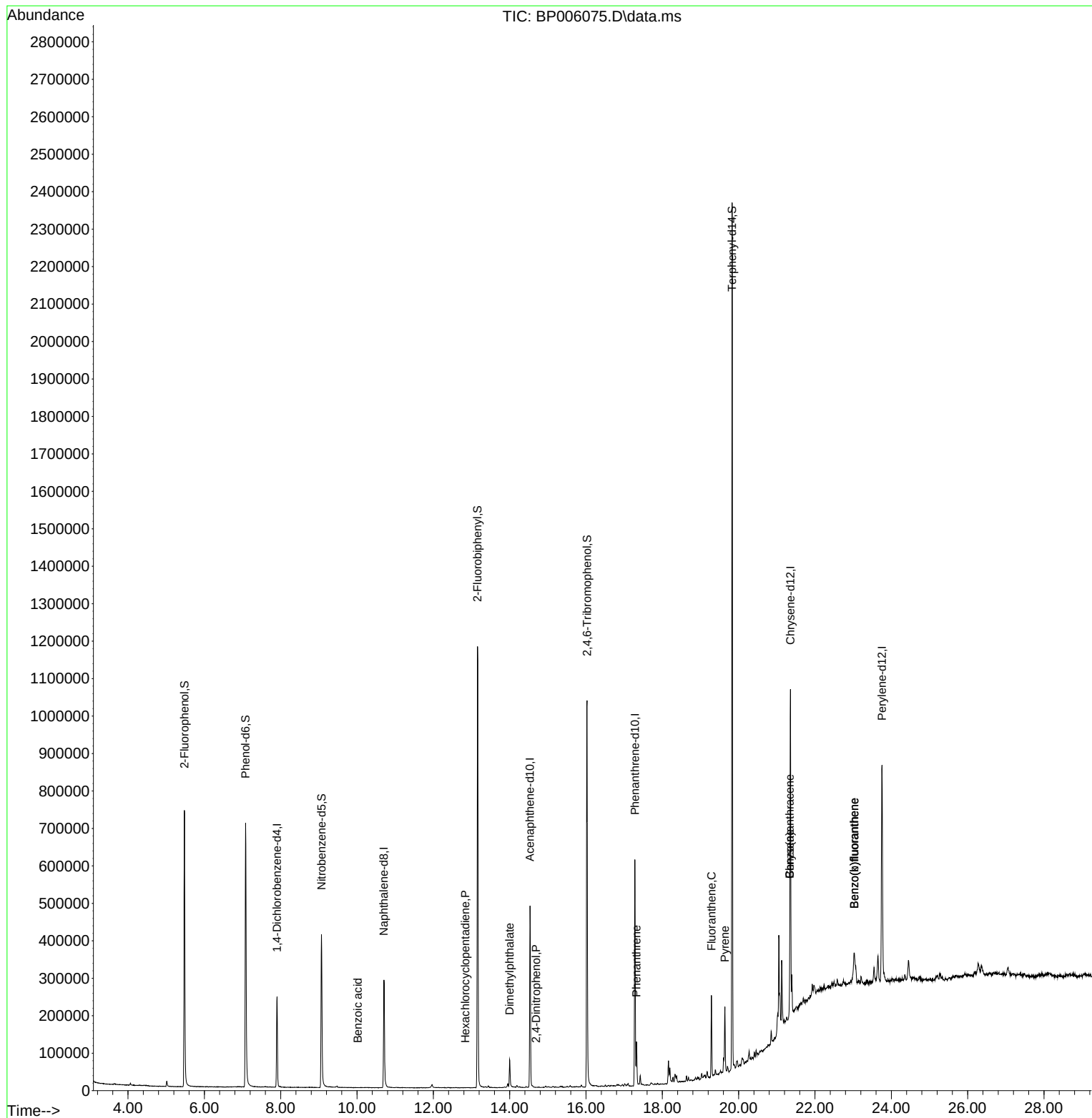
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	70621	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	270317	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	167663	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	348093	20.000	ng	0.00
76) Chrysene-d12	21.357	240	405492	20.000	ng	0.00
86) Perylene-d12	23.757	264	469631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	369913	84.050	ng	0.00
7) Phenol-d6	7.081	99	461692	80.936	ng	0.00
23) Nitrobenzene-d5	9.069	82	276235	50.100	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	233282	81.079	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	625755	49.009	ng	0.00
79) Terphenyl-d14	19.827	244	1050651	48.517	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.022	122	16	6.324	ng	95
41) Hexachlorocyclopentadiene	12.839	237	14	5.508	ng	86
50) Dimethylphthalate	13.998	163	57120	4.144	ng	99
54) 2,4-Dinitrophenol	14.692	184	6	4.852	ng	# 1
71) Phenanthrene	17.322	178	71322	3.412	ng	98
75) Fluoranthene	19.286	202	123695	4.872	ng	99
78) Pyrene	19.639	202	106461	3.761	ng	98
81) Benzo(a)anthracene	21.339	228	73416	2.508	ng	99
83) Chrysene	21.339	228	73416	2.590	ng	96
88) Benzo(b)fluoranthene	23.027	252	103174	3.208	ng	# 94
89) Benzo(k)fluoranthene	23.027	252	103174	3.308	ng	# 94

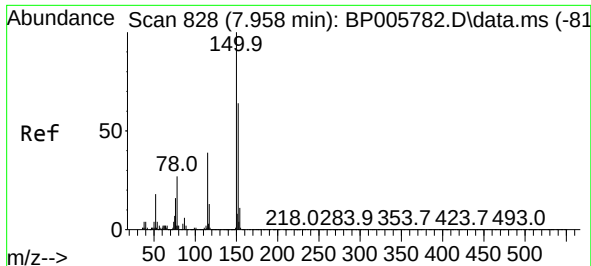
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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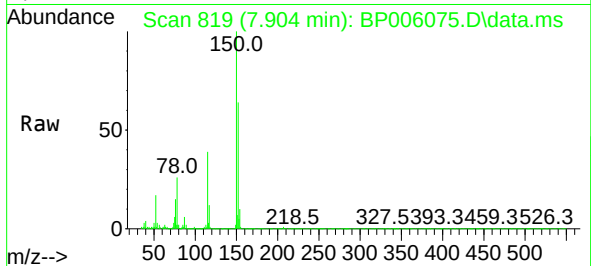
Quant Time: Jun 28 14:25:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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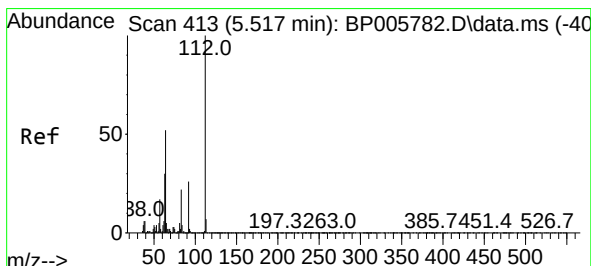
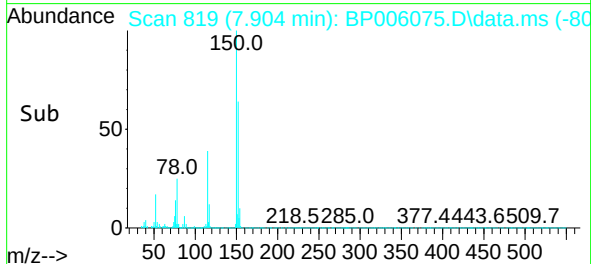
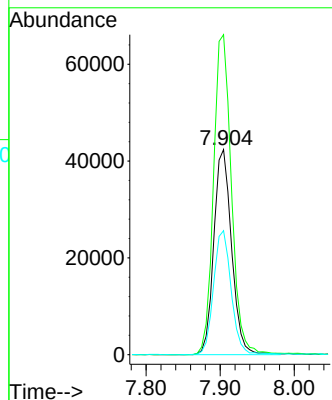


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Instrument :
BNA_P
ClientSampleId :
124030

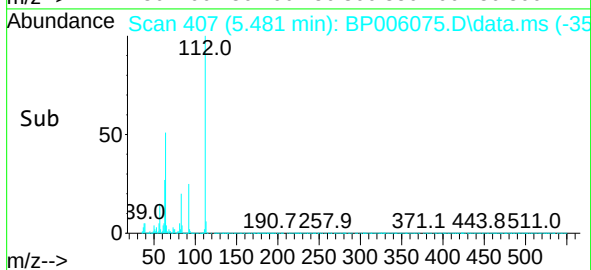
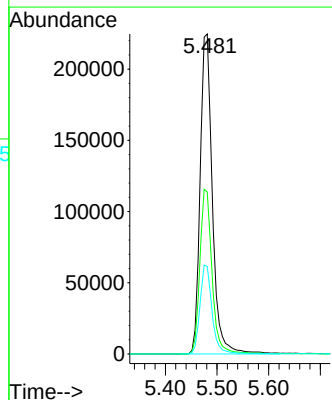
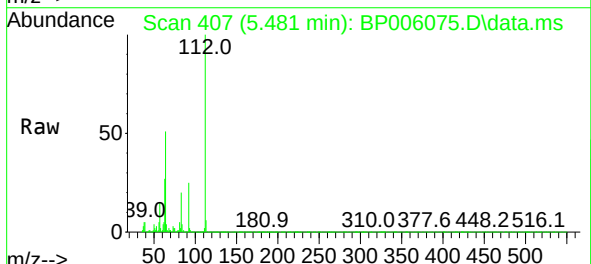


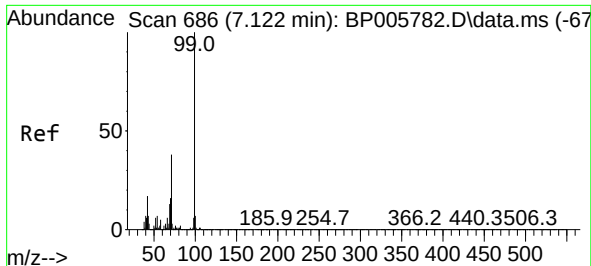
Tgt Ion:152 Resp: 70621
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 84.050 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:112 Resp: 369913
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 27.4 23.8 35.8

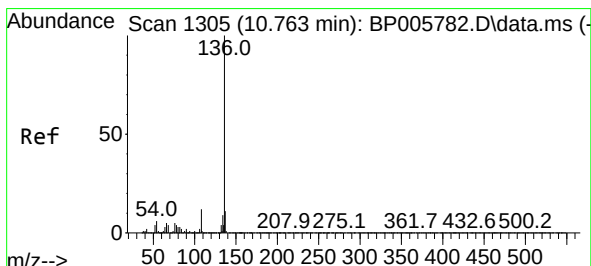
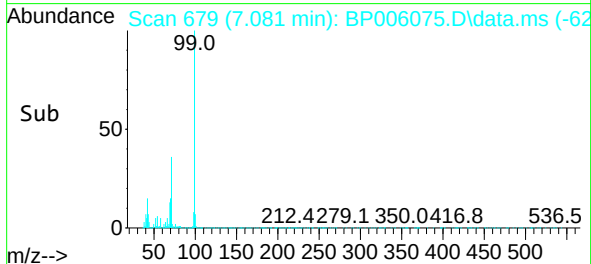
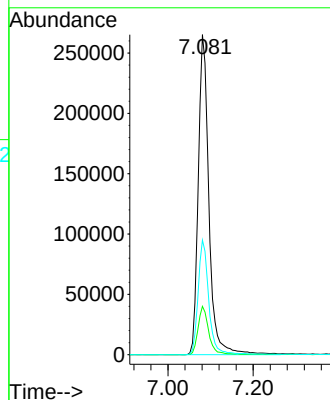
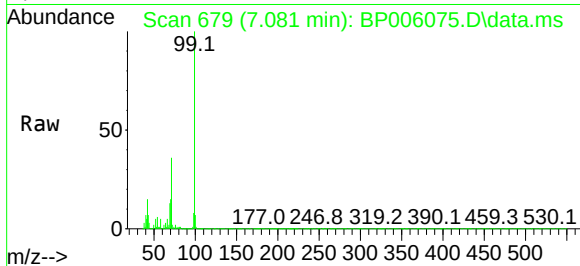




#7
Phenol-d6
Concen: 80.936 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

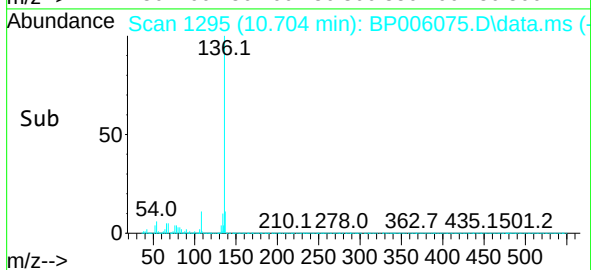
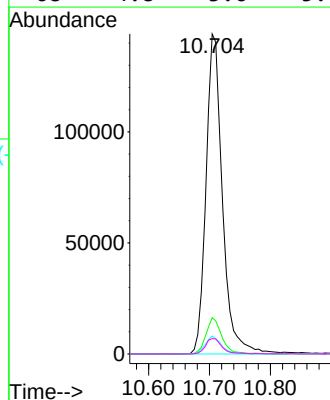
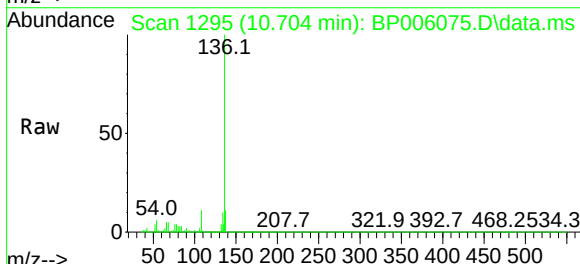
Instrument :
BNA_P
ClientSampleId :
124030

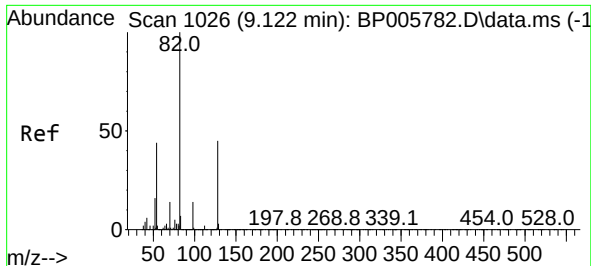
Tgt Ion:	99	Resp:	461692
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	35.8	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:	136	Resp:	270317
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	5.6	4.6	6.8
68	4.8	3.6	5.4

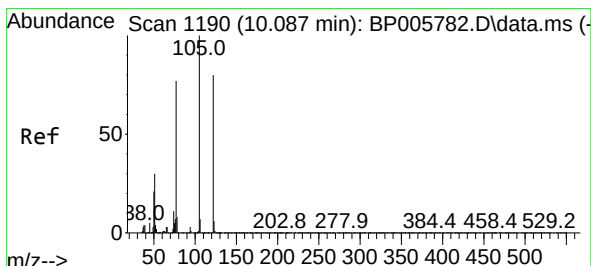
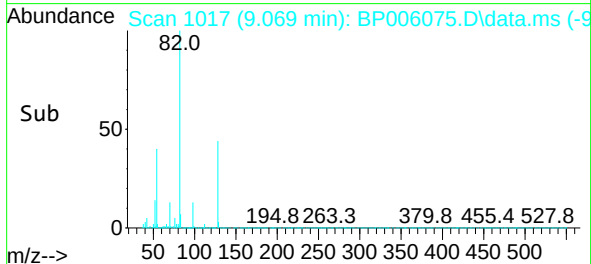
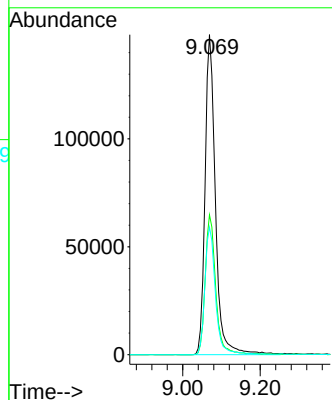
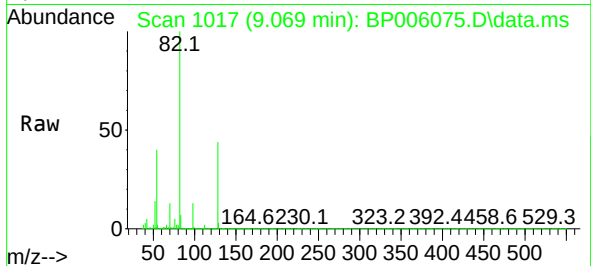




#23
Nitrobenzene-d5
Concen: 50.100 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

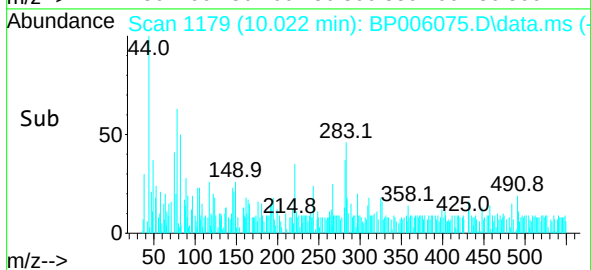
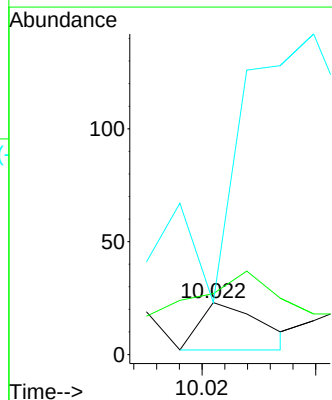
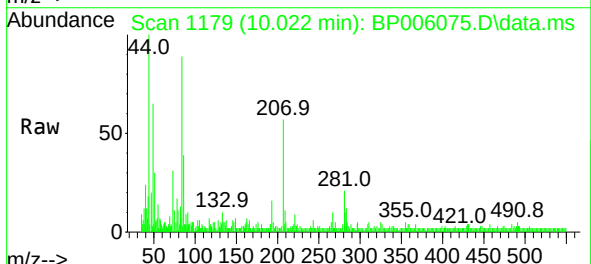
Instrument :
BNA_P
ClientSampleId :
124030

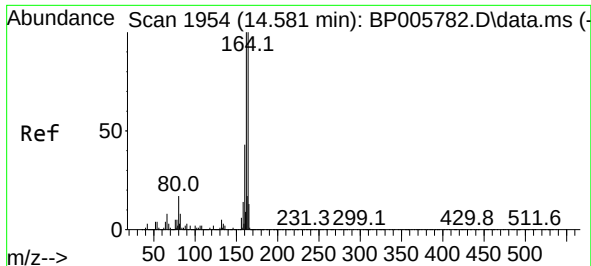
Tgt Ion: 82 Resp: 276235
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 39.9 35.0 52.4



#32
Benzoic acid
Concen: 6.324 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.059 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 117.4 103.2 143.2
77 100.0 76.2 116.2

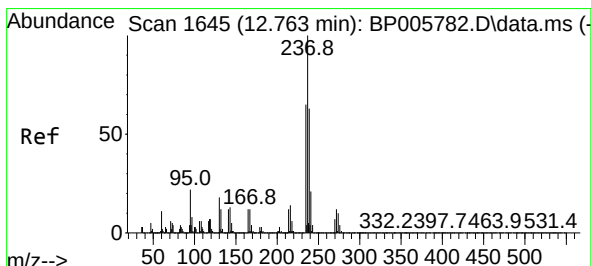
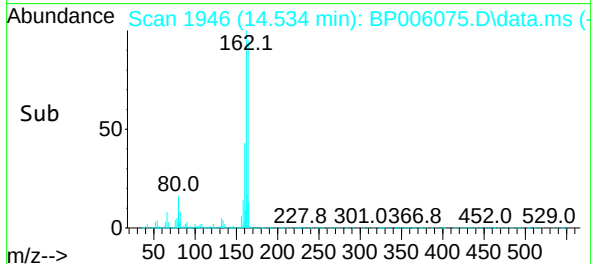
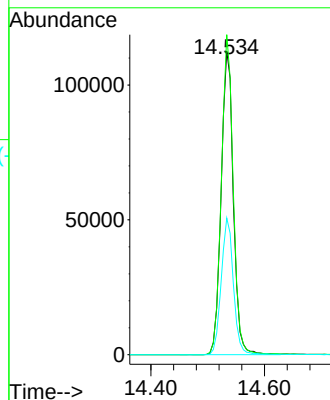
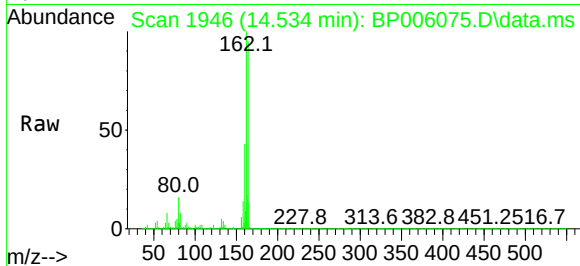




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

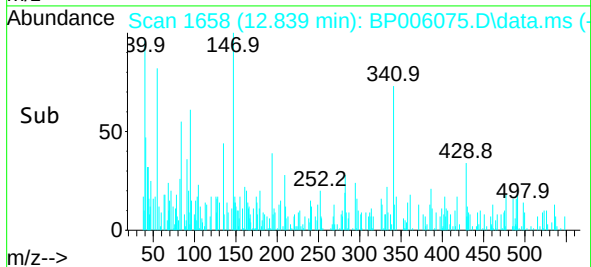
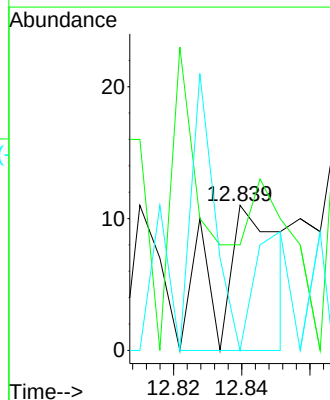
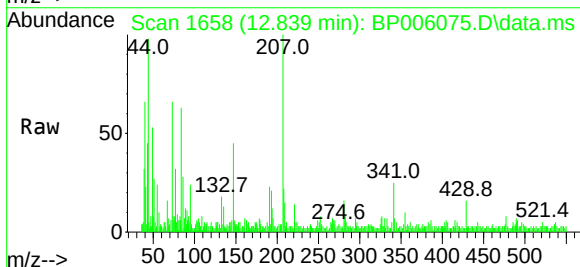
Instrument :
BNA_P
ClientSampleId :
124030

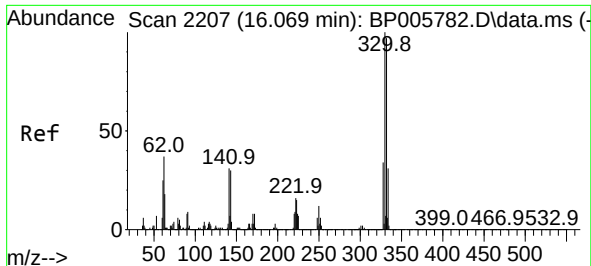
Tgt Ion:164 Resp: 167663
Ion Ratio Lower Upper
164 100
162 105.4 80.2 120.2
160 45.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.508 ng
RT: 12.839 min Scan# 1658
Delta R.T. 0.129 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 72.7 44.5 84.5
272 0.0 0.0 32.5

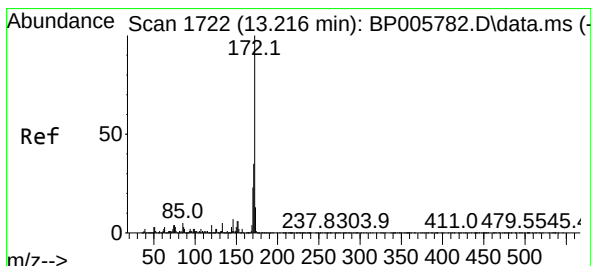
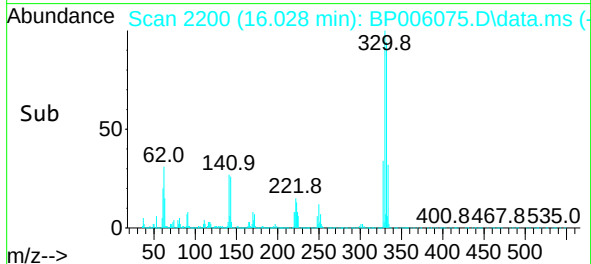
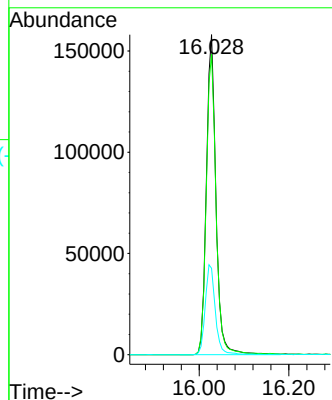
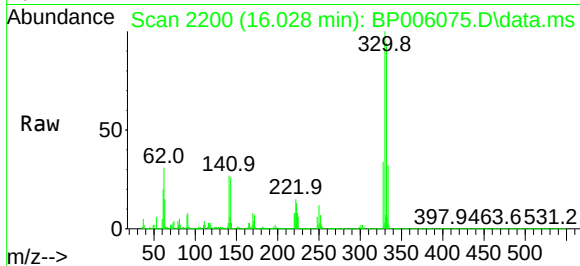




#42
2,4,6-Tribromophenol
Concen: 81.079 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

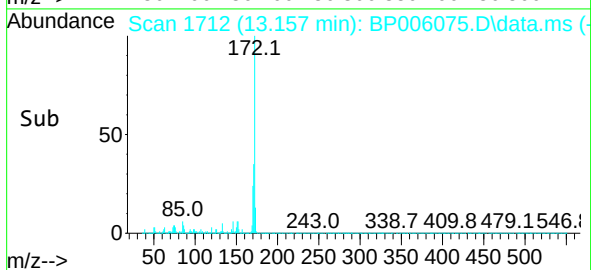
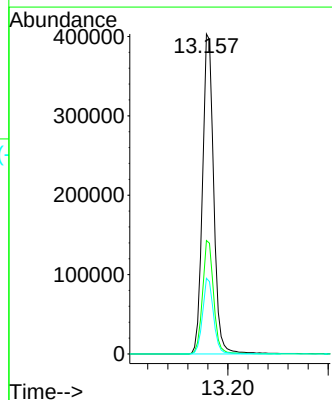
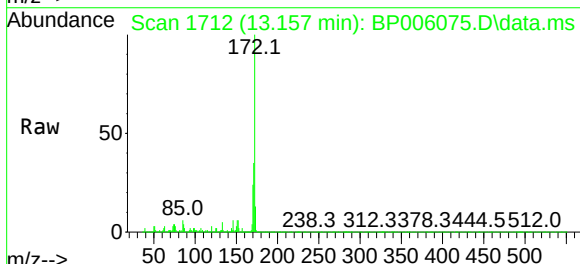
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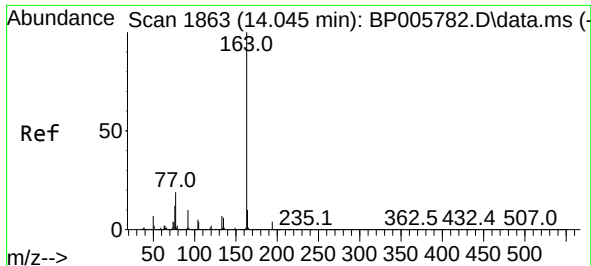
Tgt Ion: 330 Resp: 233282
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 29.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 49.009 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion: 172 Resp: 625755
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 18.6 27.8

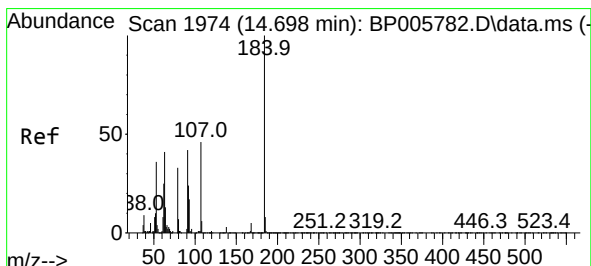
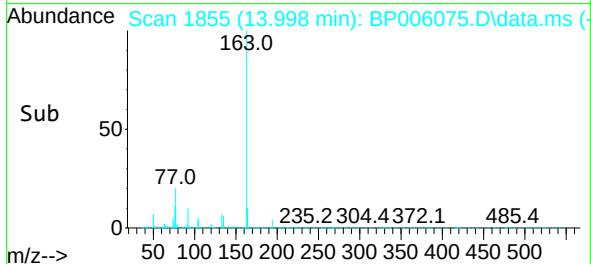
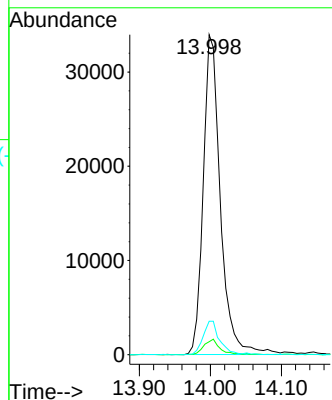
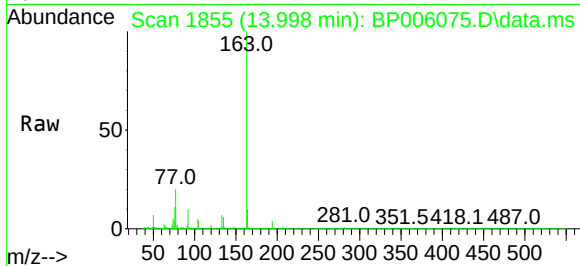




#50
Dimethylphthalate
Concen: 4.144 ng
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

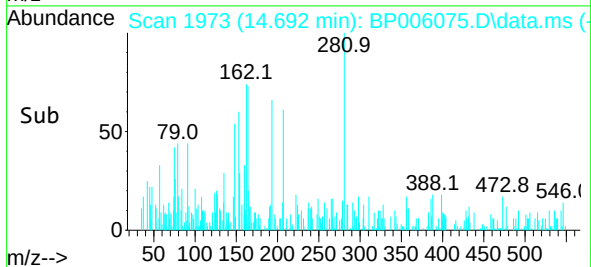
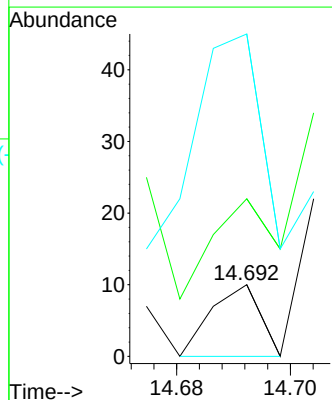
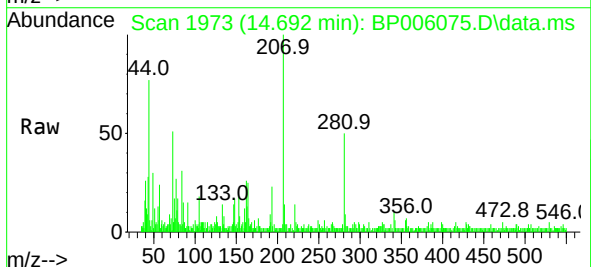
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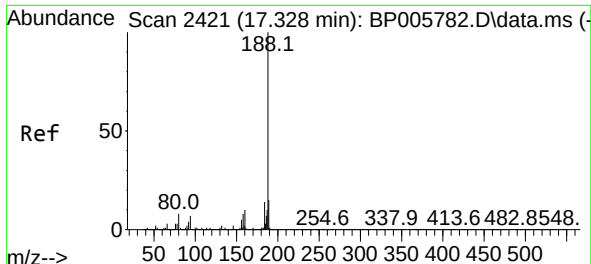
Tgt Ion:163 Resp: 57120
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.852 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 220.0 47.0 70.6#
154 450.0 52.3 78.5#

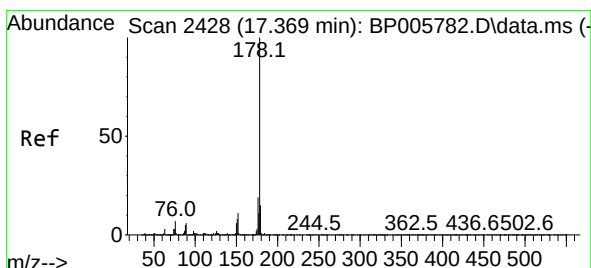
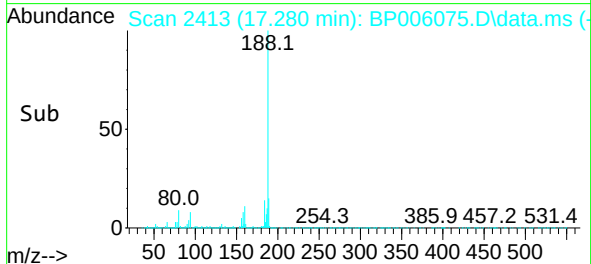
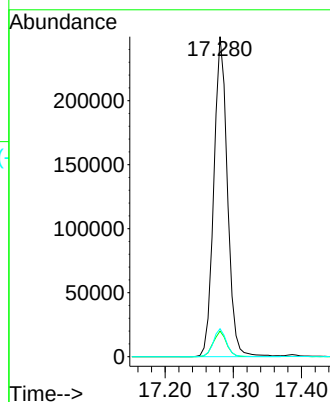
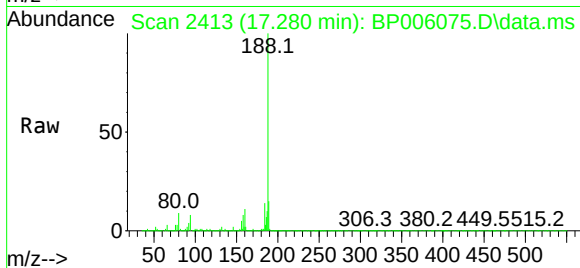




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

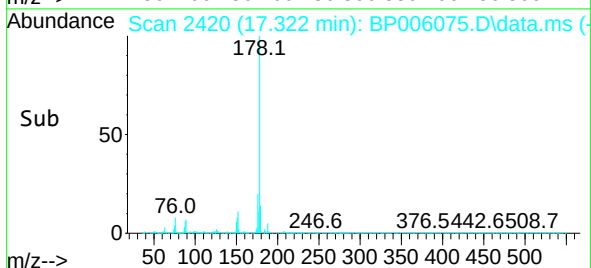
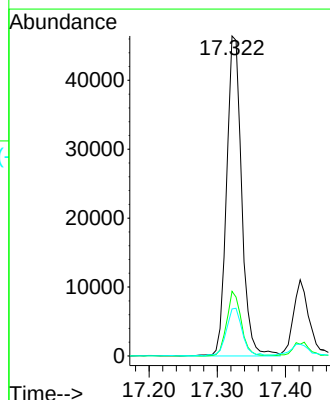
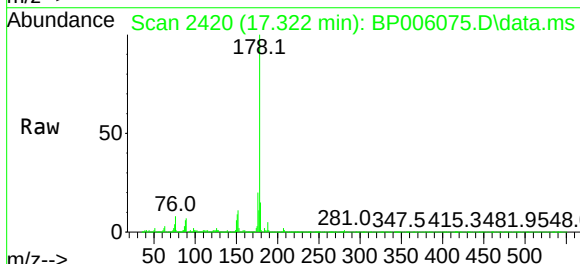
Instrument :
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124030

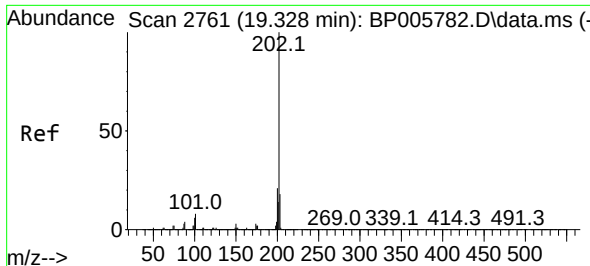
Tgt Ion:188 Resp: 348093
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.7 6.3 9.5



#71
Phenanthrene
Concen: 3.412 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:178 Resp: 71322
Ion Ratio Lower Upper
178 100
176 20.2 15.1 22.7
179 14.7 12.4 18.6

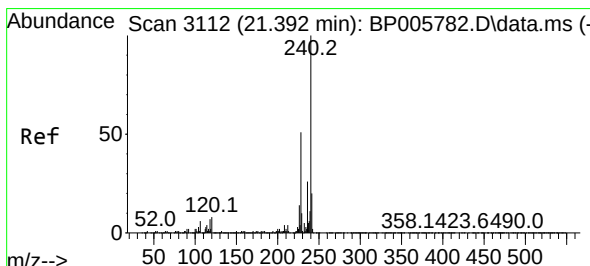
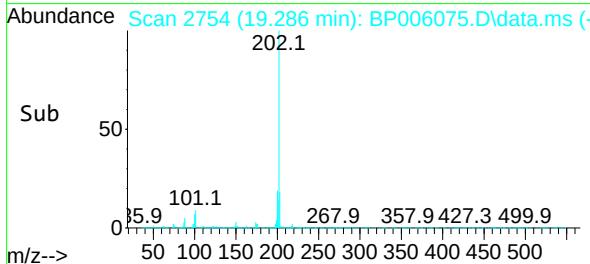
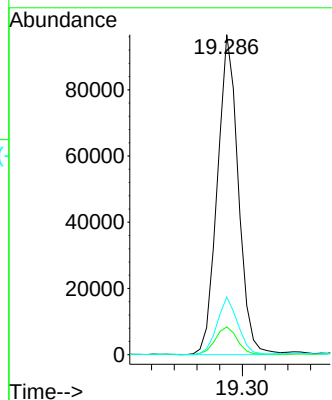
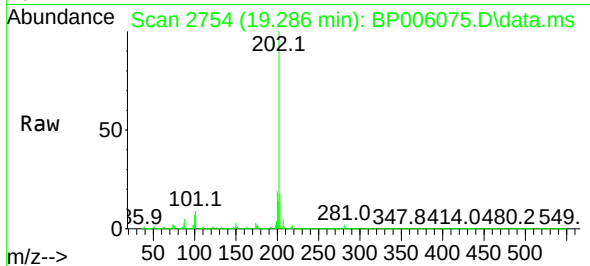




#75
Fluoranthene
Concen: 4.872 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

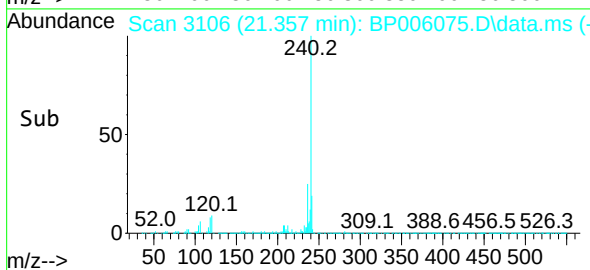
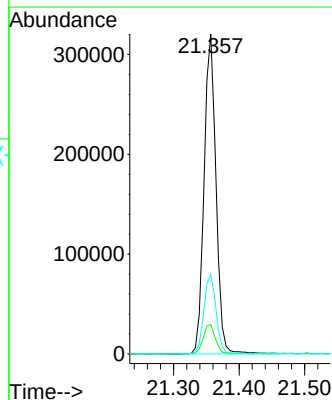
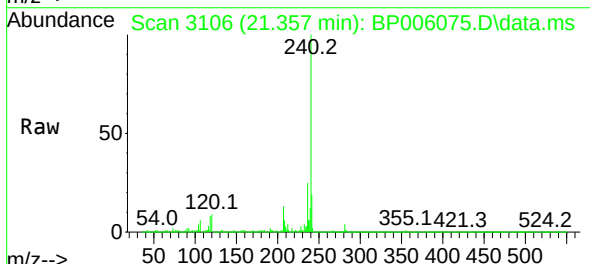
Instrument :
BNA_P
ClientSampleId :
124030

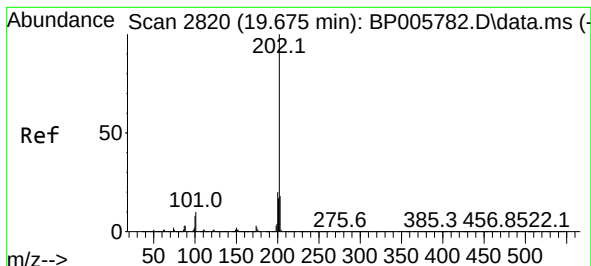
Tgt Ion:	202	Resp:	123695
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	27.6
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:	240	Resp:	405492
Ion Ratio	Lower	Upper	
240	100		
120	9.2	6.5	9.7
236	24.9	20.6	31.0





#78

Pyrene

Concen: 3.761 ng

RT: 19.639 min Scan# 2814

Delta R.T. -0.000 min

Lab File: BP006075.D

Acq: 28 Jun 2021 13:49

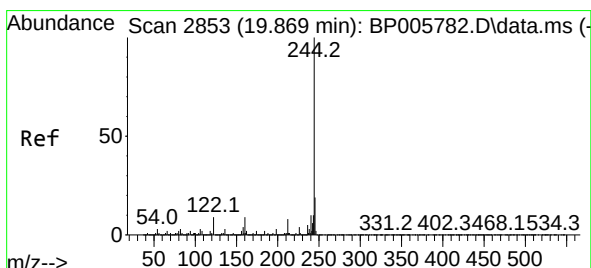
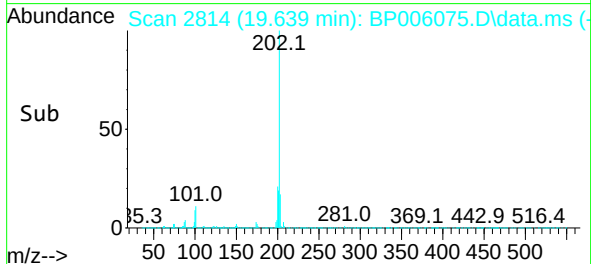
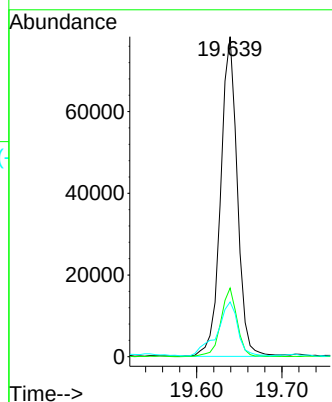
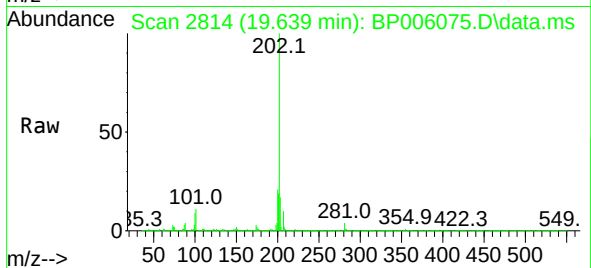
Tgt Ion:202 Resp: 106461

Ion Ratio Lower Upper

202 100

200 21.5 16.3 24.5

203 17.1 14.2 21.2



#79

Terphenyl-d14

Concen: 48.517 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BP006075.D

Acq: 28 Jun 2021 13:49

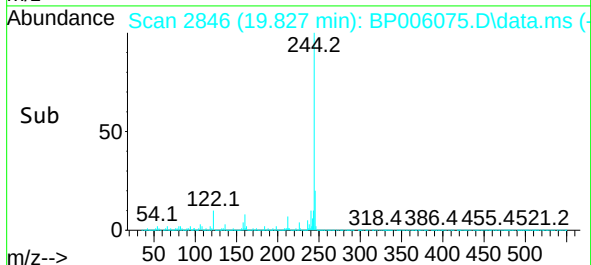
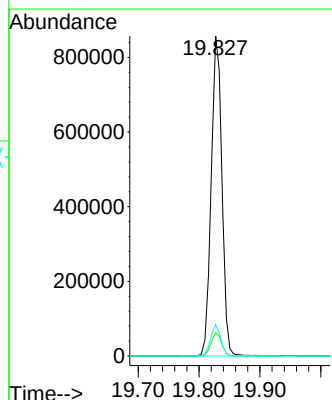
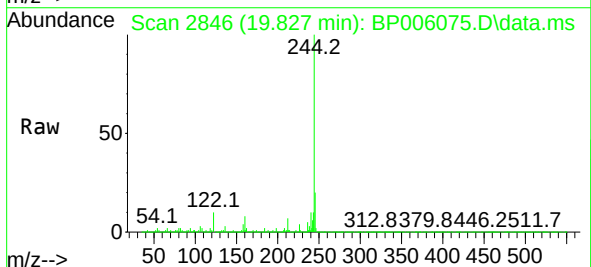
Tgt Ion:244 Resp: 1050651

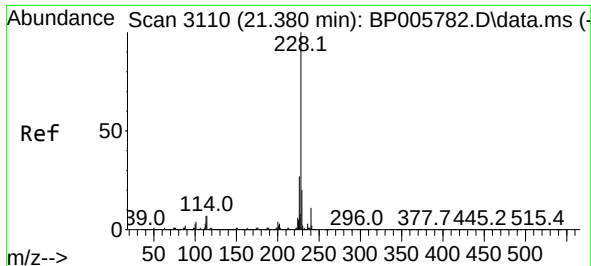
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.8 7.1 10.7

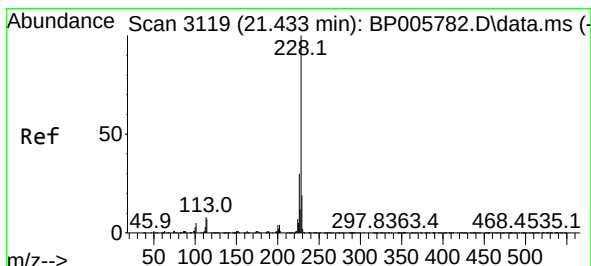
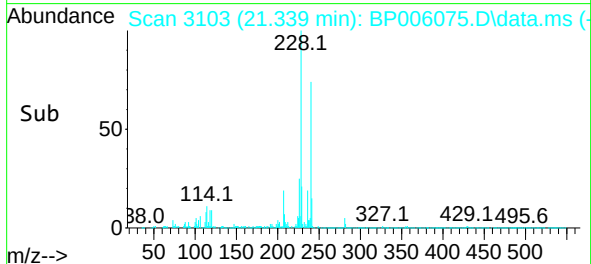
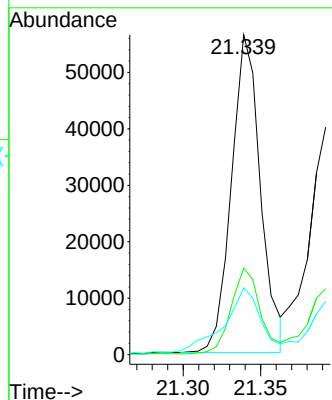
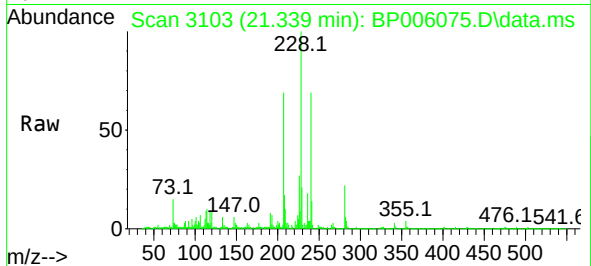




#81
Benzo(a)anthracene
Concen: 2.508 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

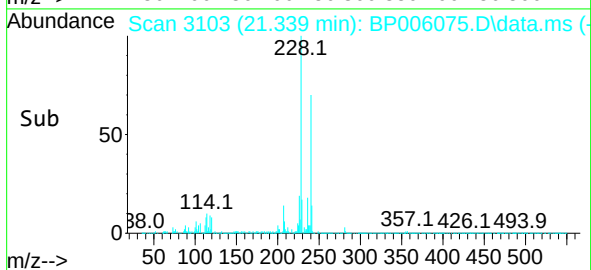
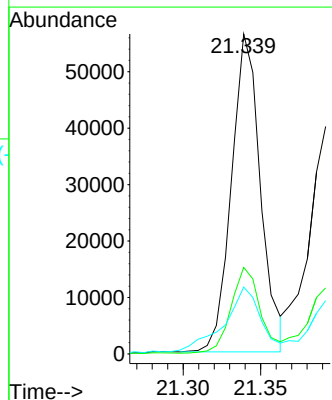
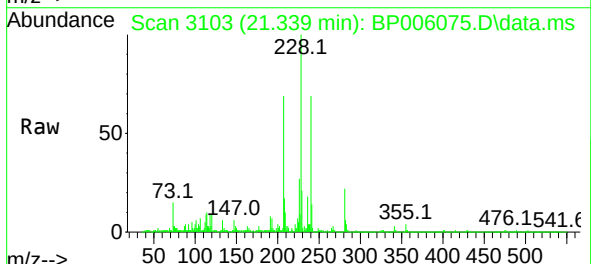
Instrument :
BNA_P
ClientSampleId :
124030

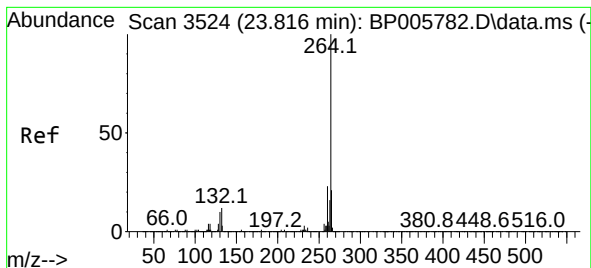
Tgt Ion:228 Resp: 73416
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.9 15.8 23.6



#83
Chrysene
Concen: 2.590 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.053 min
Lab File: BP006075.D
Acq: 28 Jun 2021 13:49

Tgt Ion:228 Resp: 73416
Ion Ratio Lower Upper
228 100
226 27.1 23.8 35.6
229 20.9 15.4 23.2

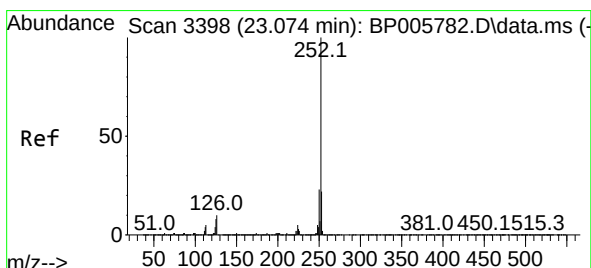
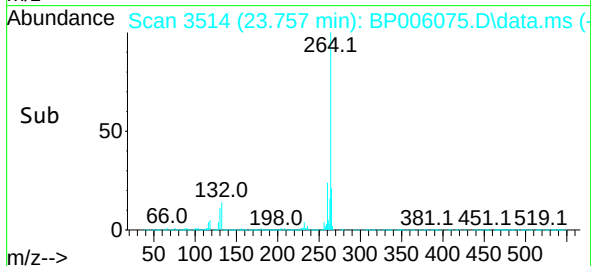
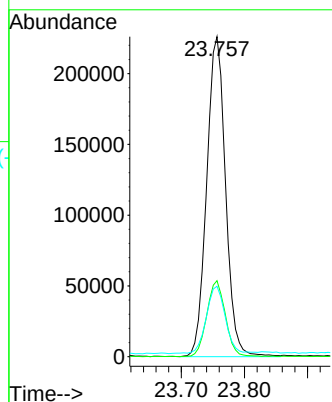
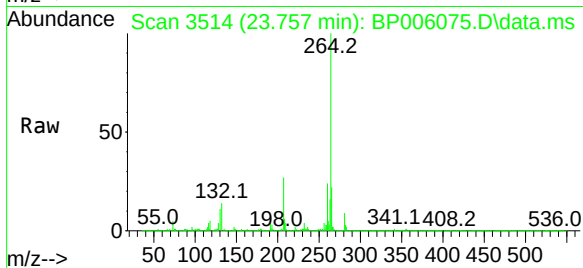




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. -0.000 min
 Lab File: BP006075.D
 Acq: 28 Jun 2021 13:49

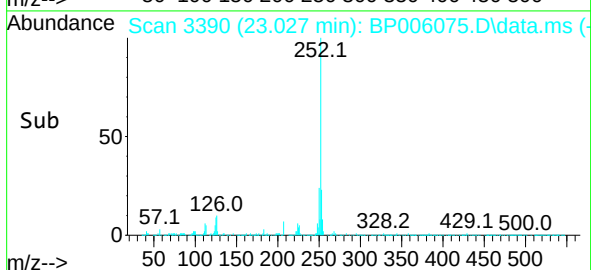
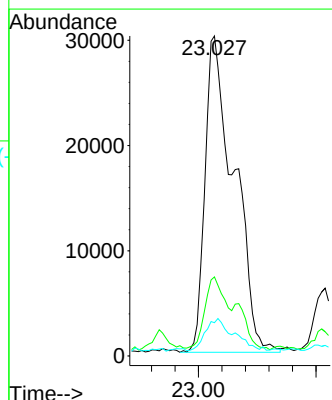
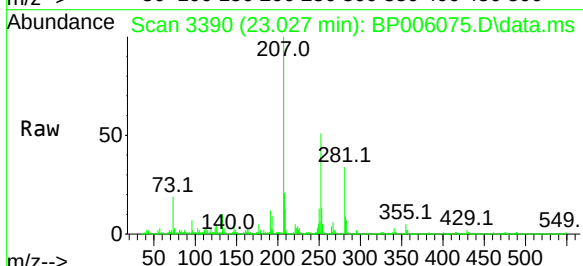
Instrument :
 BNA_P
 ClientSampleId :
 124030

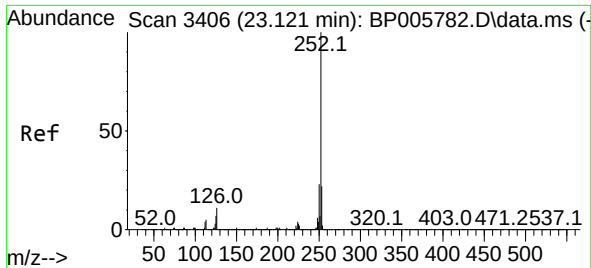
Tgt Ion:264 Resp: 469631
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.0 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 3.208 ng
 RT: 23.027 min Scan# 3390
 Delta R.T. 0.006 min
 Lab File: BP006075.D
 Acq: 28 Jun 2021 13:49

Tgt Ion:252 Resp: 103174
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.5 26.3
 125 10.4 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 3.308 ng

RT: 23.027 min Scan# 3390

Delta R.T. -0.041 min

Lab File: BP006075.D

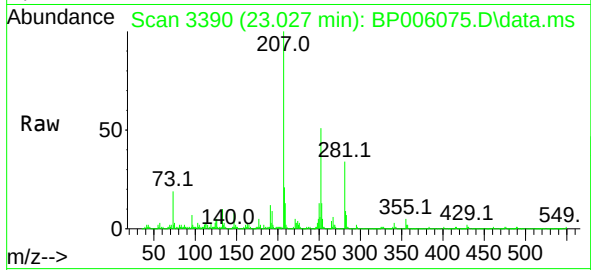
Acq: 28 Jun 2021 13:49

Instrument :

BNA_P

ClientSampleId :

124030



Tgt Ion:252 Resp: 103174

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	10.4	6.0	9.0

252 100

253 24.7 17.6 26.4

125 10.4 6.0 9.0

