

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006104.D
 Acq On : 29 Jun 2021 22:36
 Operator : CG/JU
 Sample : M2884-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-062821

Quant Time: Jun 30 01:14:48 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)

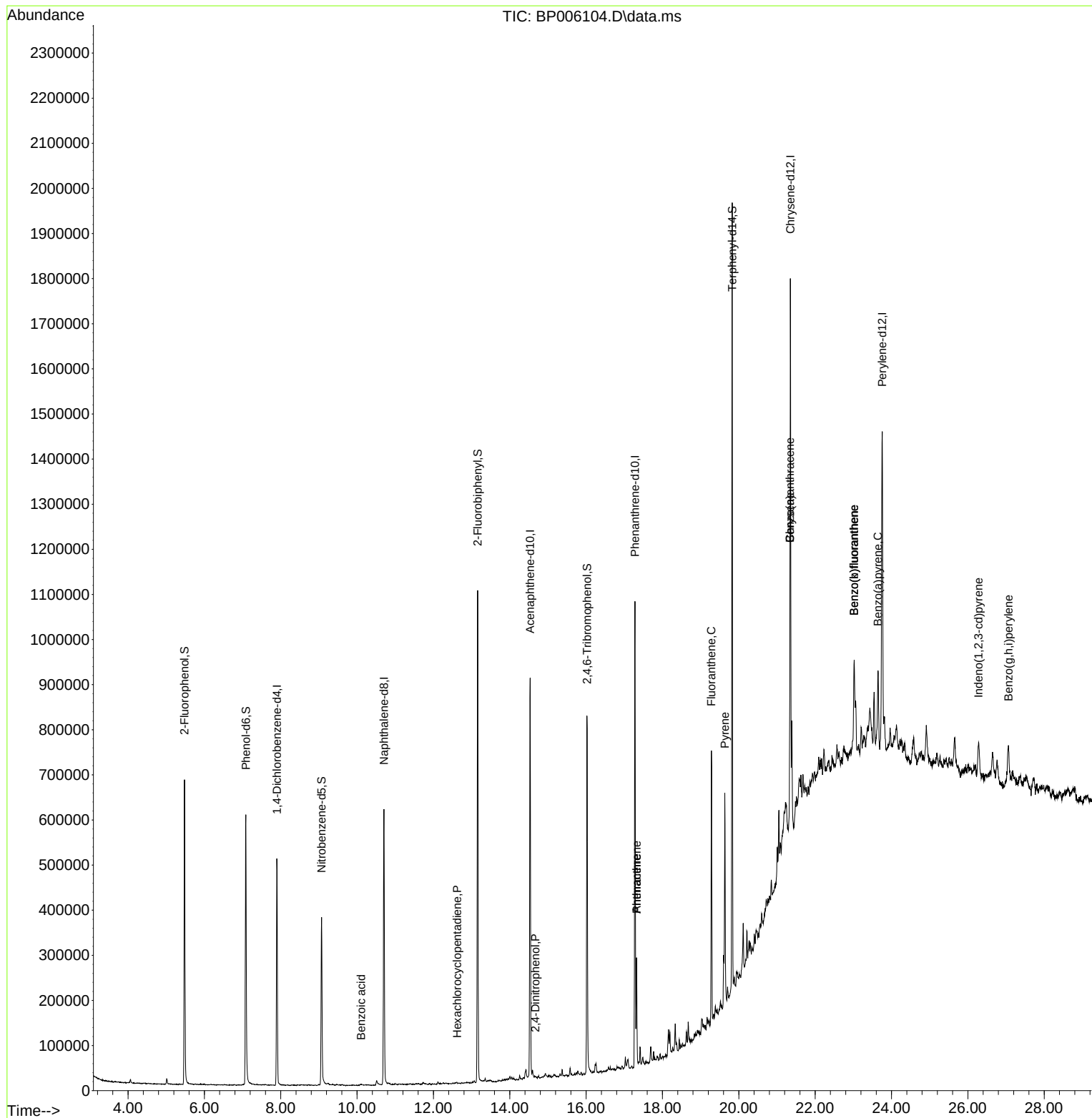
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	144321	20.00	ng	0.00
21) Naphthalene-d8	10.704	136	533834	20.00	ng	0.00
39) Acenaphthene-d10	14.534	164	313745	20.00	ng	0.00
64) Phenanthrene-d10	17.281	188	607571	20.00	ng	0.00
76) Chrysene-d12	21.351	240	527960	20.00	ng	0.00
86) Perylene-d12	23.757	264	551439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	332418	36.96	ng	0.00
7) Phenol-d6	7.087	99	400743	34.38	ng	0.00
23) Nitrobenzene-d5	9.069	82	244193	22.43	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	182329	33.86	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	570591	23.88	ng	0.00
79) Terphenyl-d14	19.828	244	797011	28.27	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.110	122	178	6.34	ng	# 60
41) Hexachlorocyclopentadiene	12.622	237	23	5.51	ng	89
54) 2,4-Dinitrophenol	14.669	184	25	4.86	ng	# 1
71) Phenanthrene	17.322	178	143221	3.93	ng	99
72) Anthracene	17.322	178	143221	3.99	ng	99
75) Fluoranthene	19.281	202	361425	8.16	ng	97
78) Pyrene	19.633	202	276887	7.51	ng	99
81) Benzo(a)anthracene	21.339	228	131496	3.45	ng	97
83) Chrysene	21.339	228	131496	3.56	ng	95
87) Indeno(1,2,3-cd)pyrene	26.280	276	99208	2.10	ng	99
88) Benzo(b)fluoranthene	23.022	252	196246	5.20	ng	# 90
89) Benzo(k)fluoranthene	23.022	252	196246	5.36	ng	# 90
90) Benzo(a)pyrene	23.645	252	124101	3.49	ng	# 90
92) Benzo(g,h,i)perylene	27.062	276	103243	2.57	ng	# 95

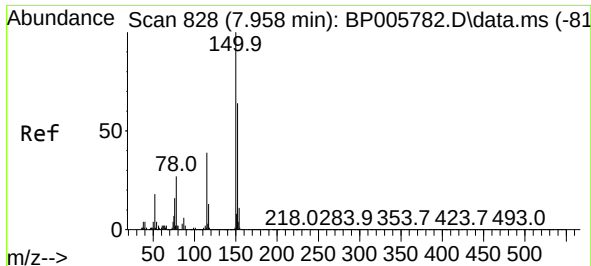
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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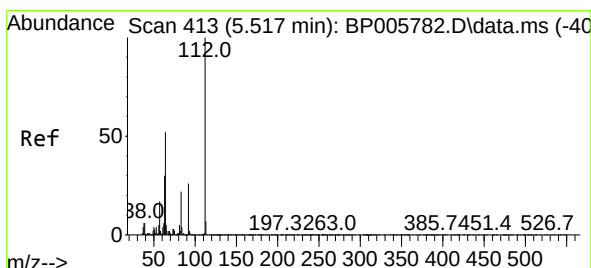
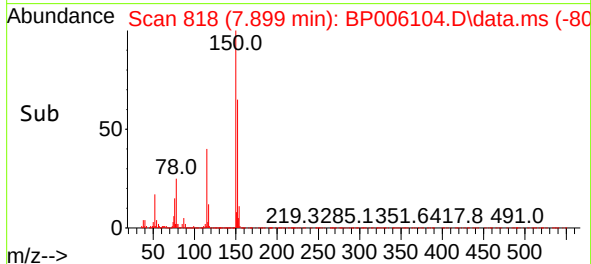
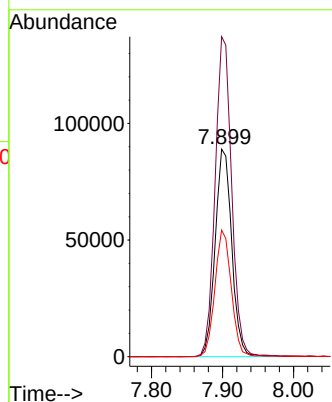
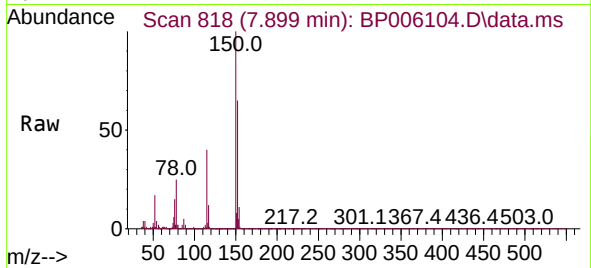




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

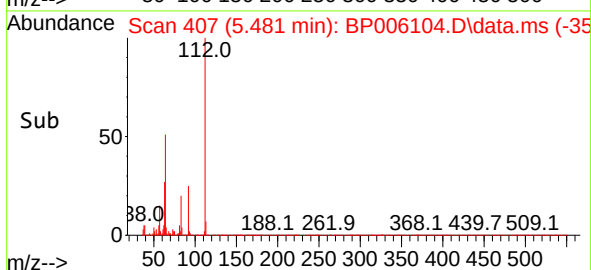
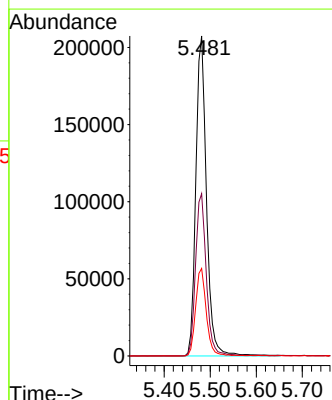
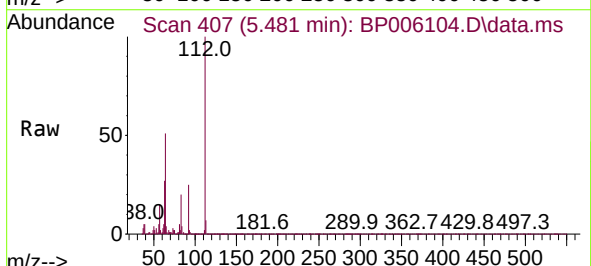
Instrument :
BNA_P
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OK-03-062821

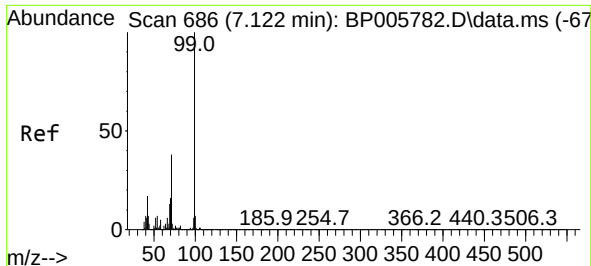
Tgt Ion:152 Resp: 144321
Ion Ratio Lower Upper
152 100
150 154.2 125.6 188.4
115 61.0 48.5 72.7



#5
2-Fluorophenol
Concen: 36.96 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:112 Resp: 332418
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 27.4 23.8 35.8

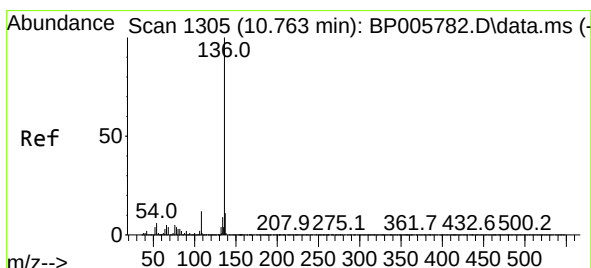
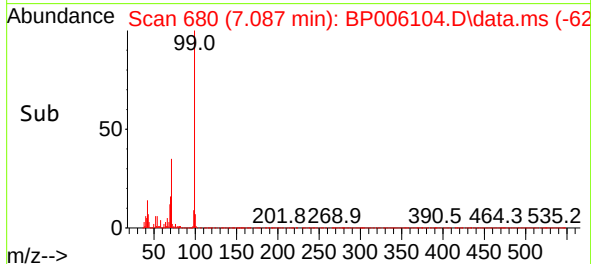
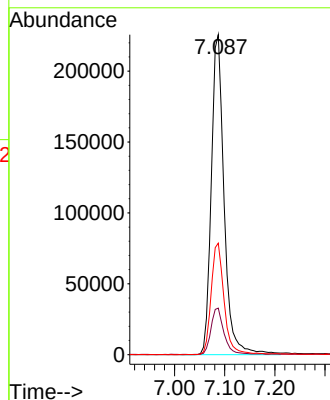
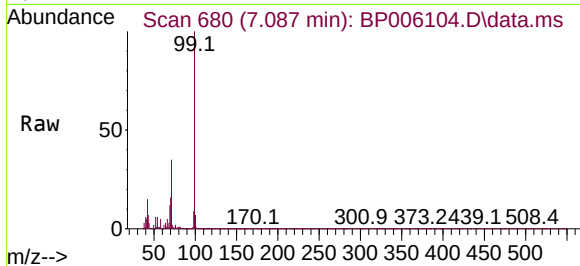




#7
Phenol-d6
Concen: 34.38 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

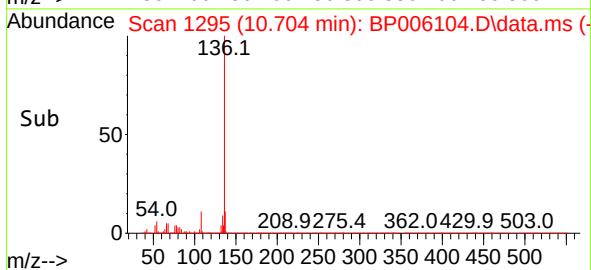
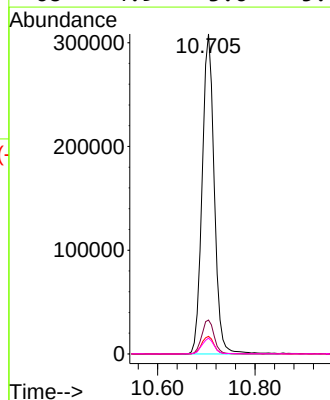
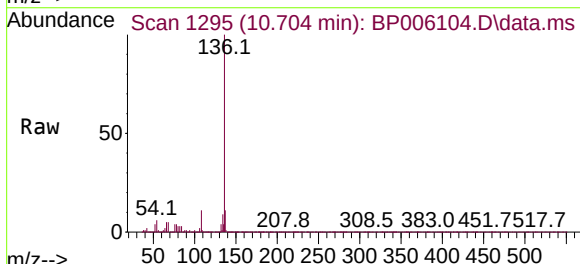
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

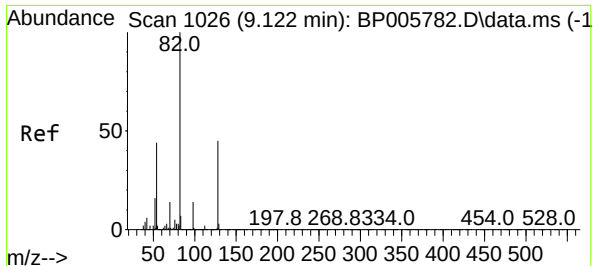
Tgt Ion:	99	Resp:	400743
Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.4	20.0
71	34.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:	136	Resp:	533834
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	5.5	4.6	6.8
68	4.9	3.6	5.4

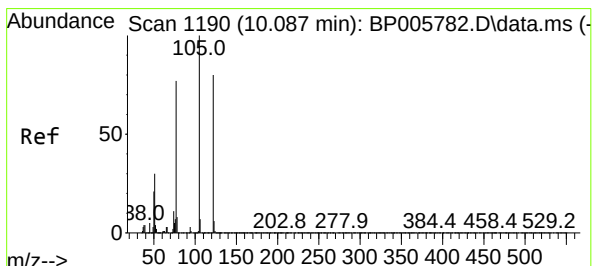
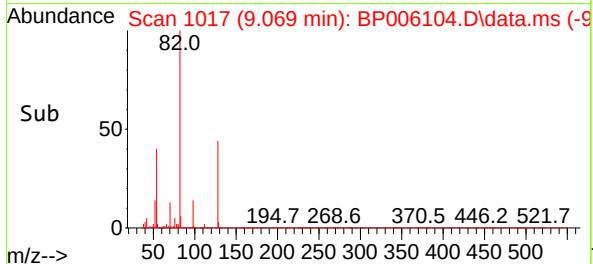
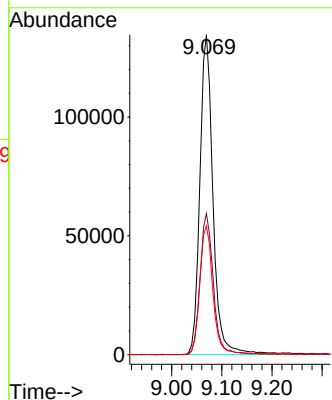
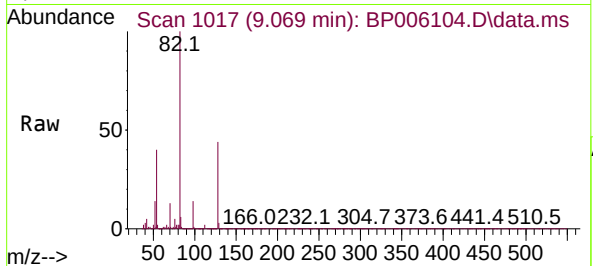




#23
Nitrobenzene-d5
Concen: 22.43 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

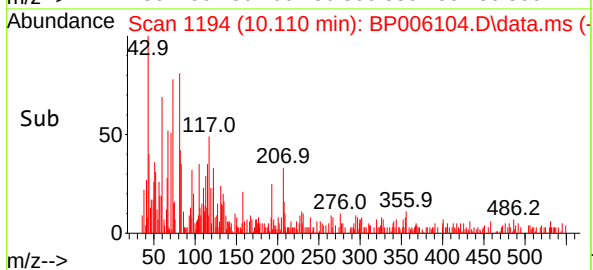
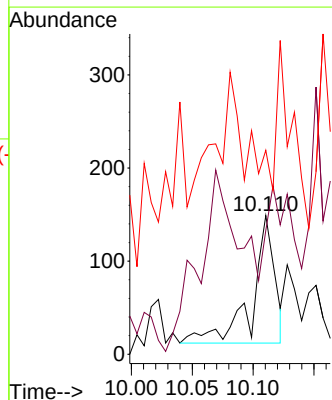
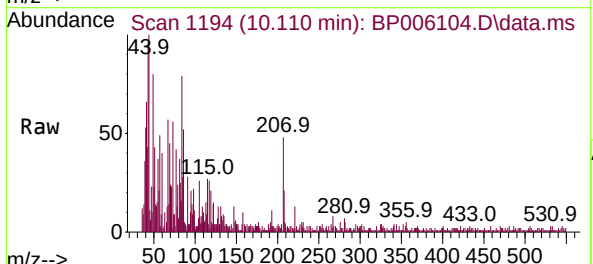
Instrument :
BNA_P
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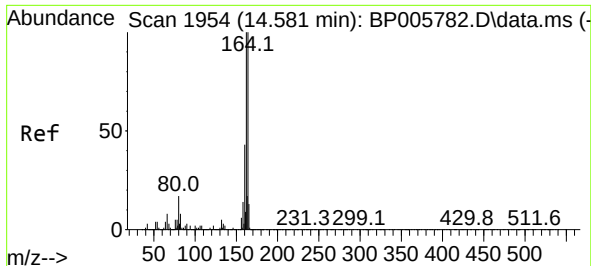
Tgt Ion: 82 Resp: 244193
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 40.2 35.0 52.4



#32
Benzoic acid
Concen: 6.34 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.030 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion: 122 Resp: 178
Ion Ratio Lower Upper
122 100
105 89.3 103.2 143.2#
77 147.0 76.2 116.2#

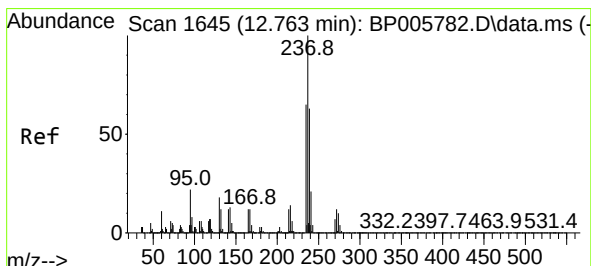
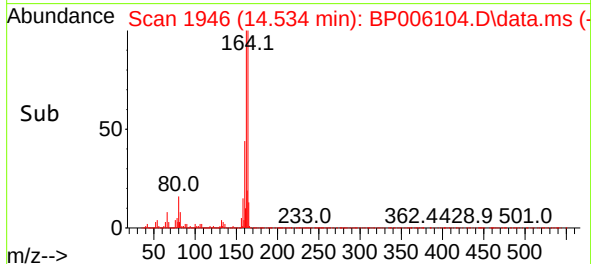
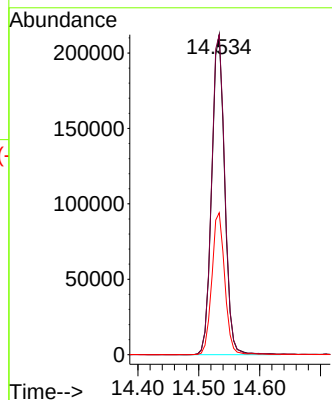
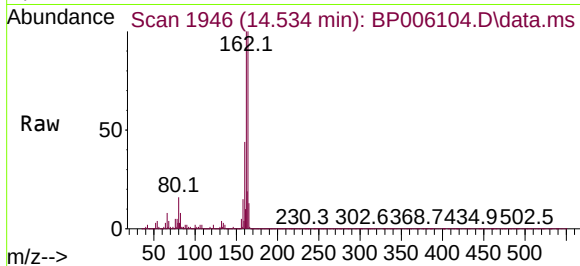




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

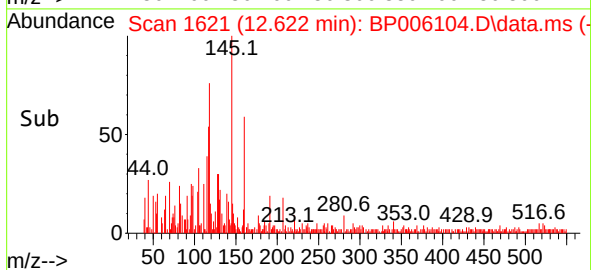
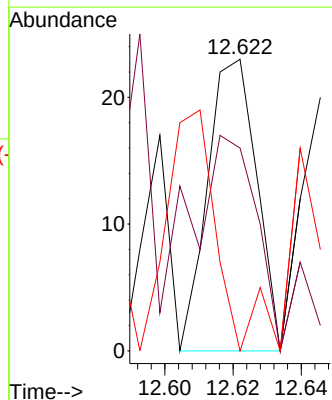
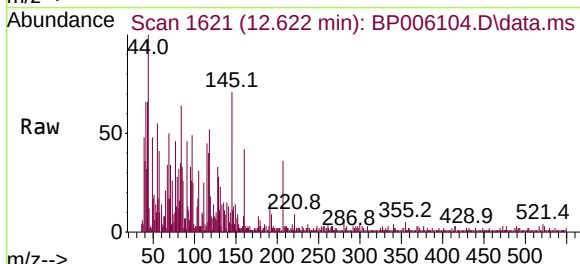
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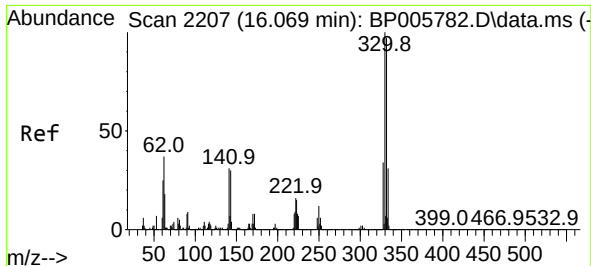
Tgt Ion:164 Resp: 313745
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.622 min Scan# 1621
Delta R.T. -0.088 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 69.6 44.5 84.5
272 0.0 0.0 32.5

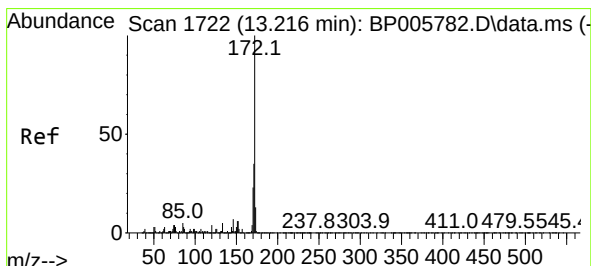
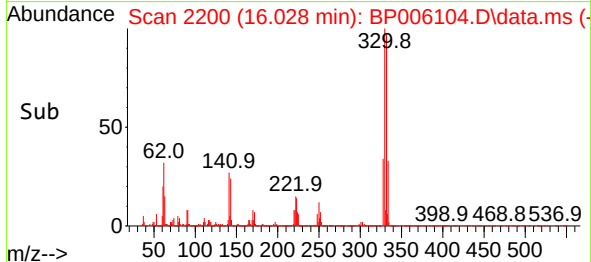
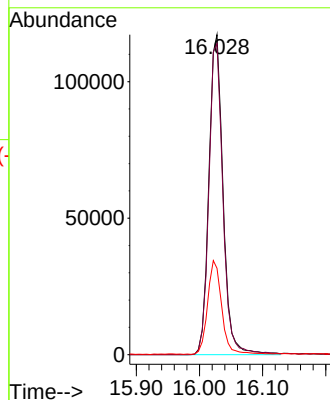
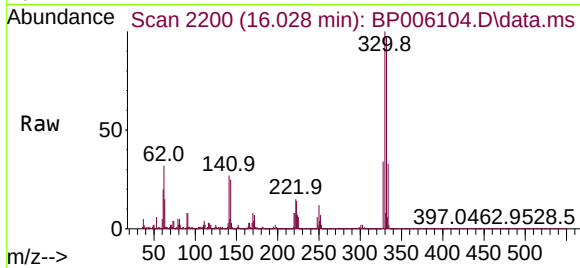




#42
2,4,6-Tribromophenol
Concen: 33.86 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

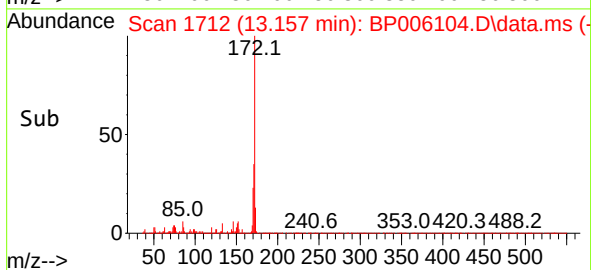
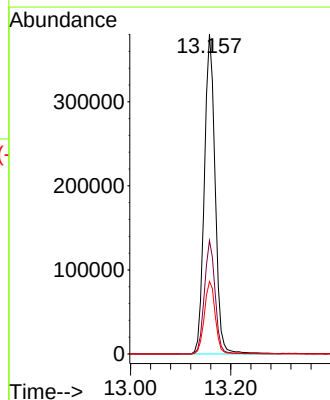
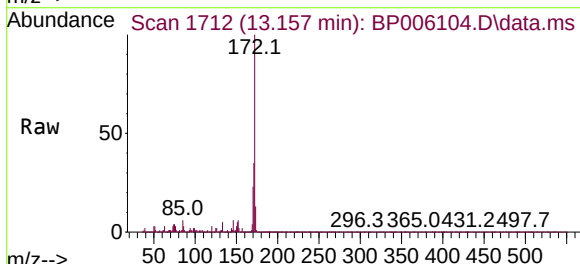
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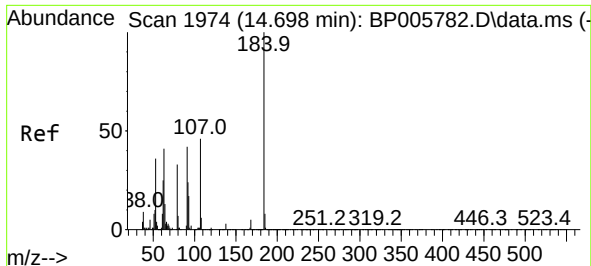
Tgt Ion: 330 Resp: 182329
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 23.88 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion: 172 Resp: 570591
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.7 18.6 27.8

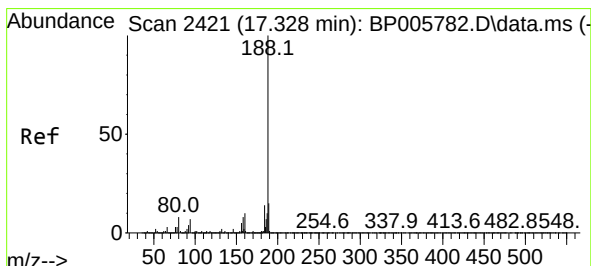
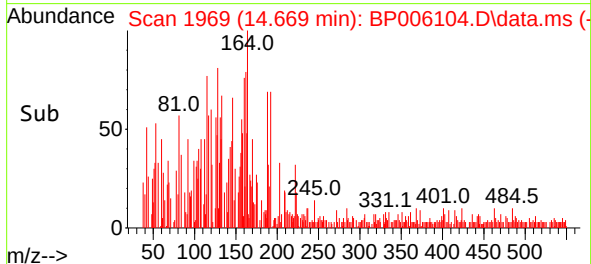
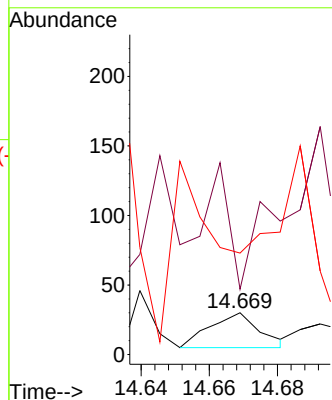
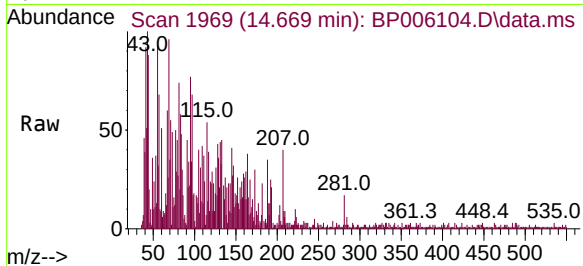




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

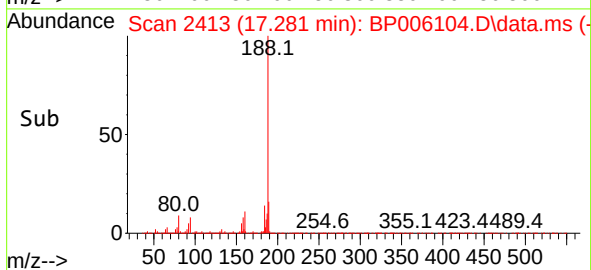
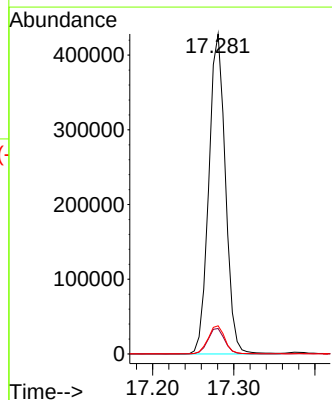
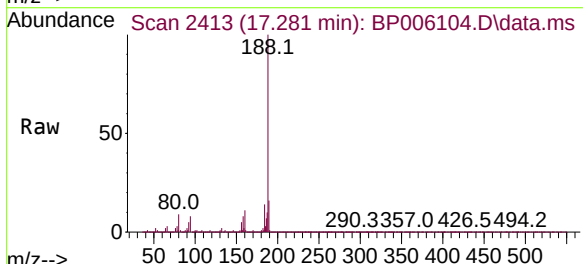
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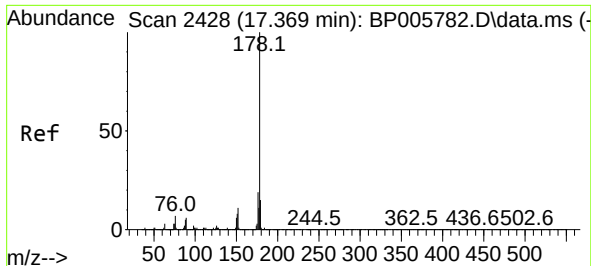
Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 156.7 47.0 70.6#
154 243.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:188 Resp: 607571
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5

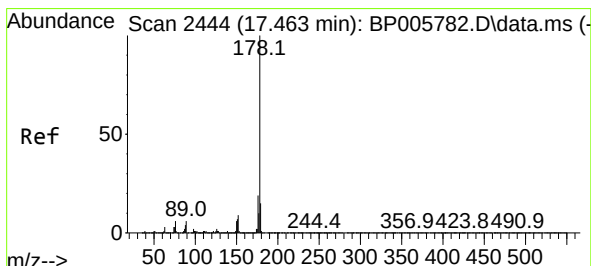
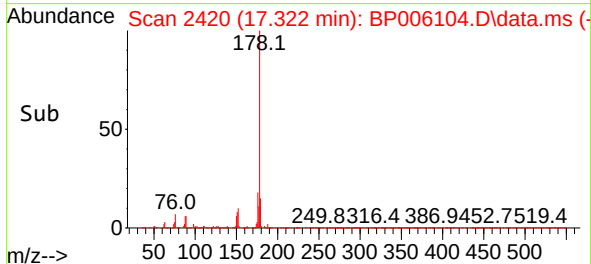
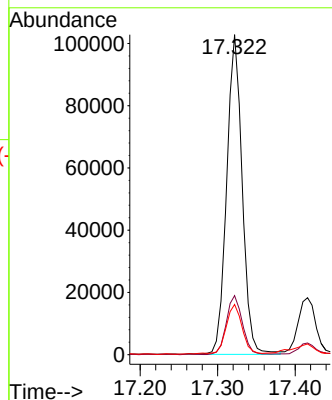
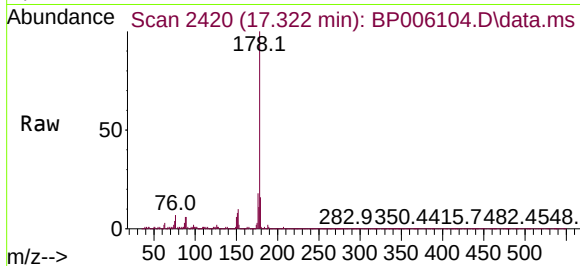




#71
Phenanthrene
Concen: 3.93 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

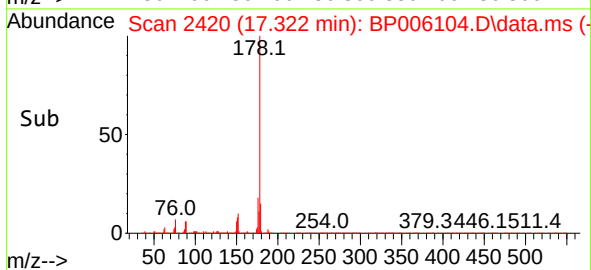
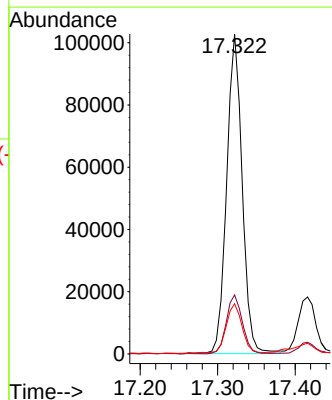
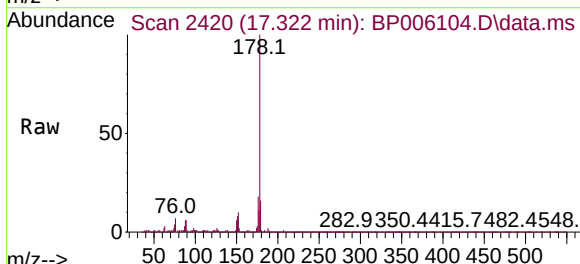
Instrument :
BNA_P
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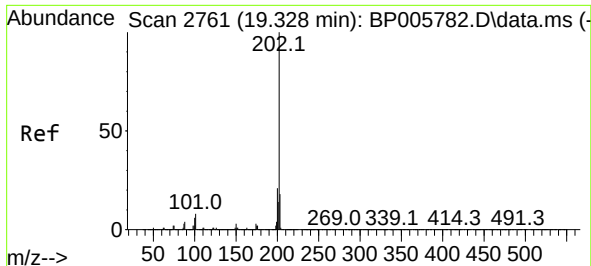
Tgt Ion:178 Resp: 143221
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.7 12.4 18.6



#72
Anthracene
Concen: 3.99 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.094 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:178 Resp: 143221
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.7 12.2 18.2

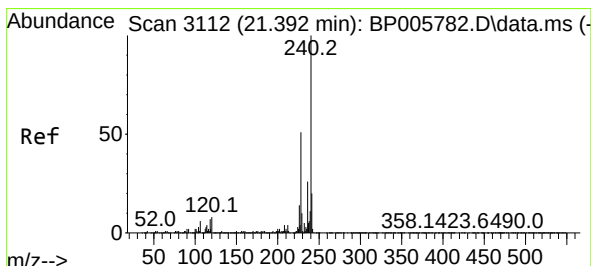
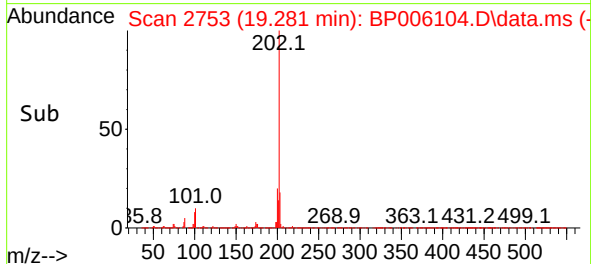
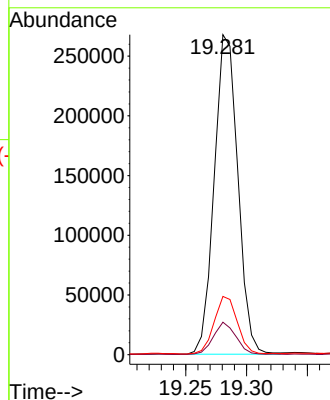
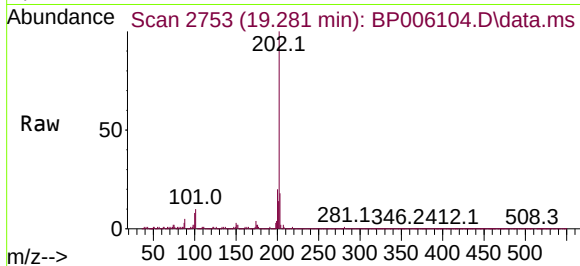




#75
Fluoranthene
Concen: 8.16 ng
RT: 19.281 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

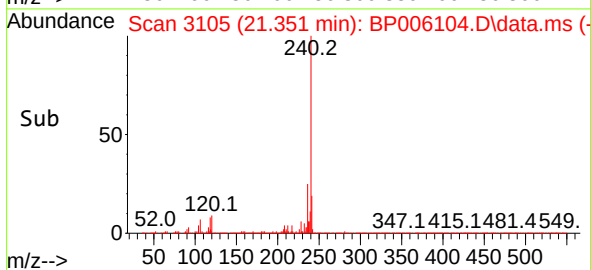
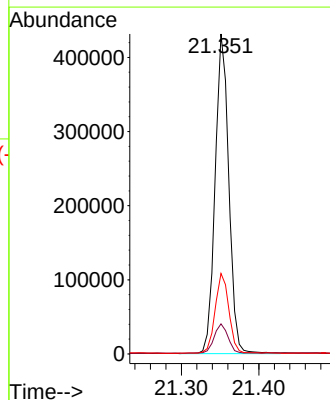
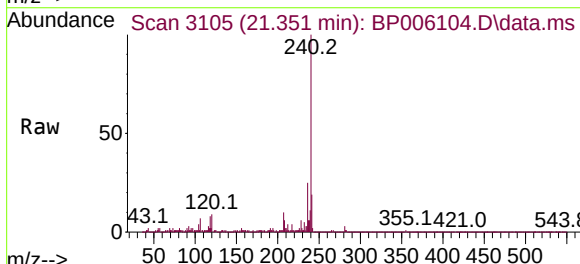
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

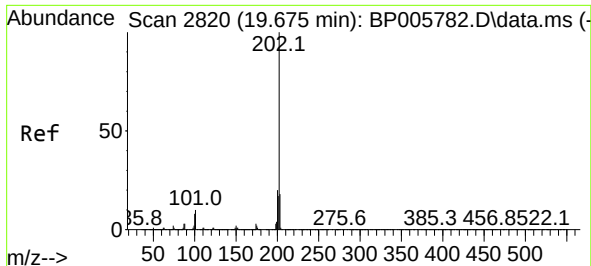
Tgt Ion:202	Resp:	361425
Ion Ratio	Lower	Upper
202	100	
101	10.1	0.0 27.6
203	18.2	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:240	Resp:	527960
Ion Ratio	Lower	Upper
240	100	
120	9.4	6.5 9.7
236	25.1	20.6 31.0

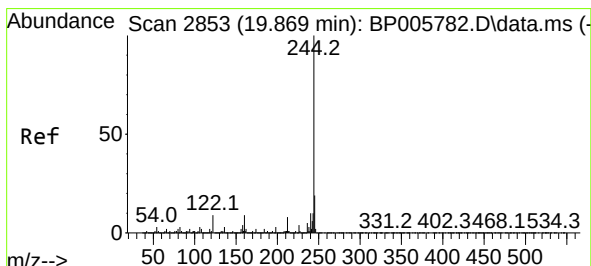
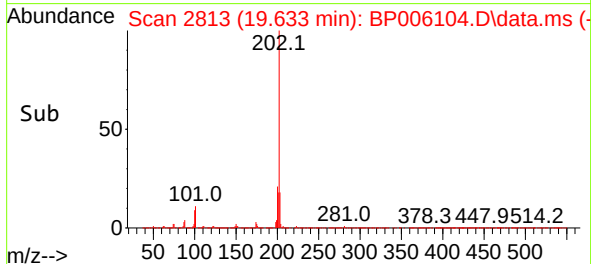
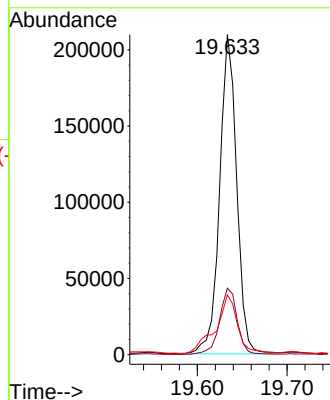
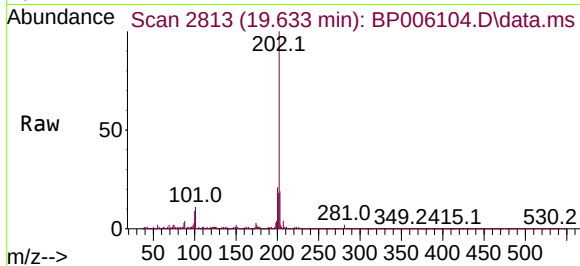




#78
Pyrene
Concen: 7.51 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

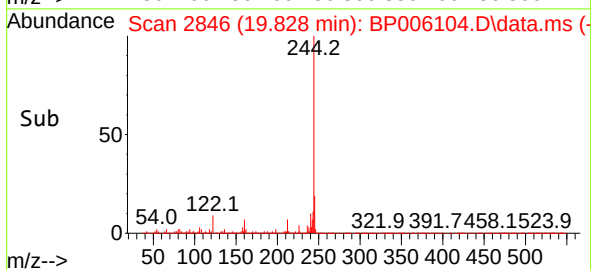
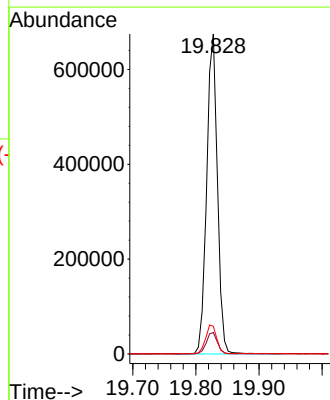
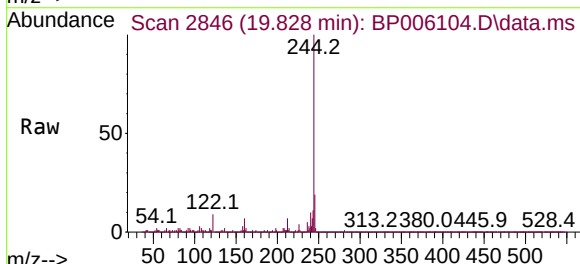
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

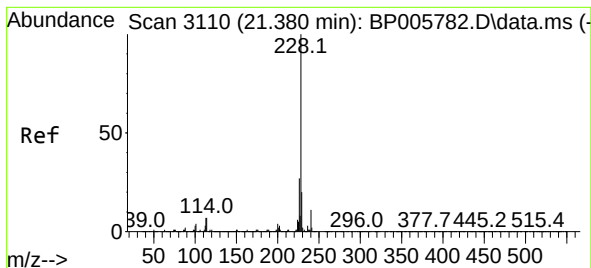
Tgt Ion:	202	Resp:	276887
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.3	24.5
203	18.7	14.2	21.2



#79
Terphenyl-d14
Concen: 28.27 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:	244	Resp:	797011
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	8.7	7.1	10.7





#81

Benzo(a)anthracene

Concen: 3.45 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP006104.D

Acq: 29 Jun 2021 22:36

Tgt Ion:228 Resp: 131496

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

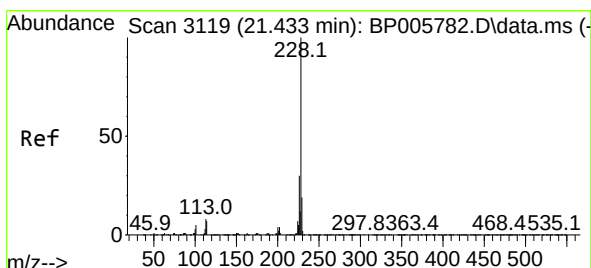
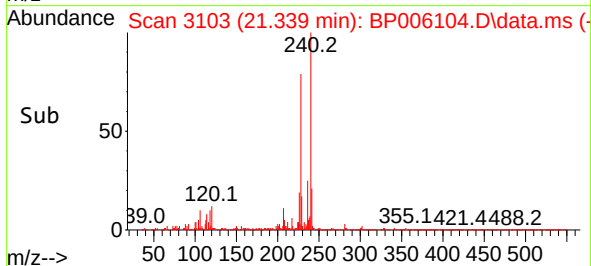
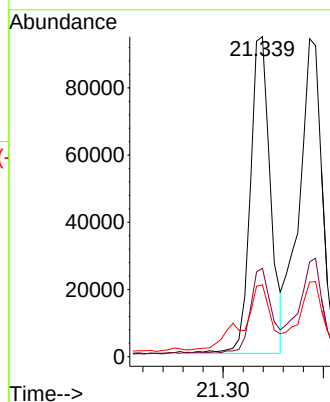
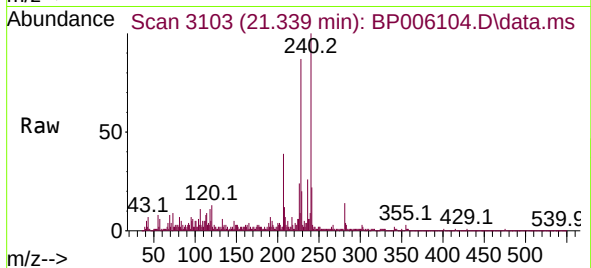
229 22.5 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

OK-03-062821



#83

Chrysene

Concen: 3.56 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.053 min

Lab File: BP006104.D

Acq: 29 Jun 2021 22:36

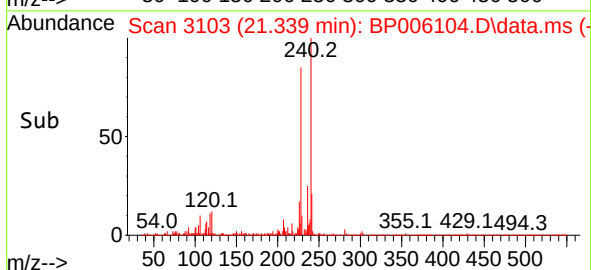
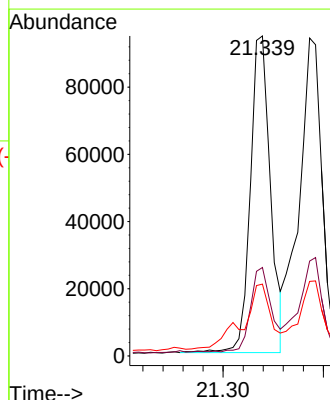
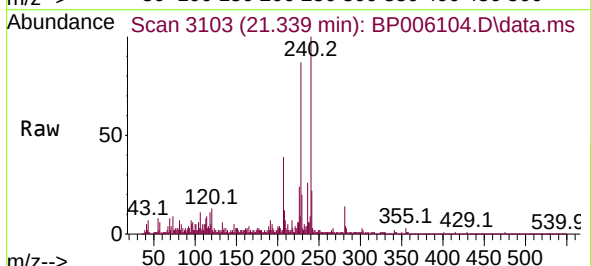
Tgt Ion:228 Resp: 131496

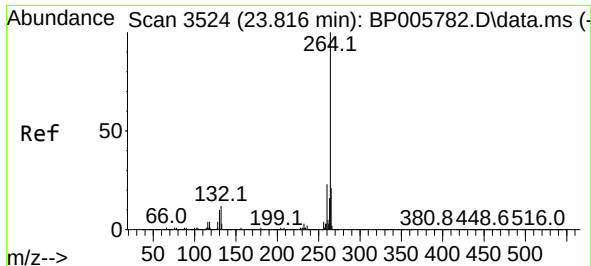
Ion Ratio Lower Upper

228 100

226 27.6 23.8 35.6

229 22.5 15.4 23.2

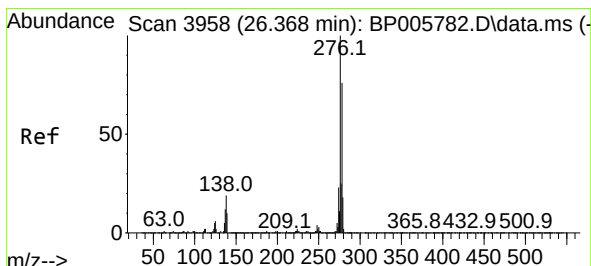
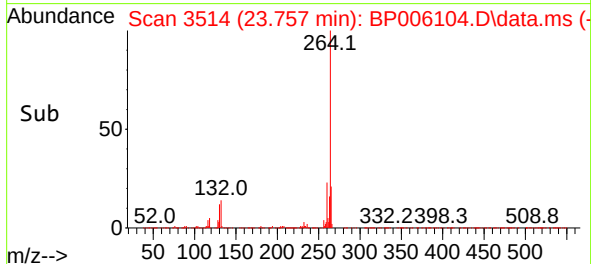
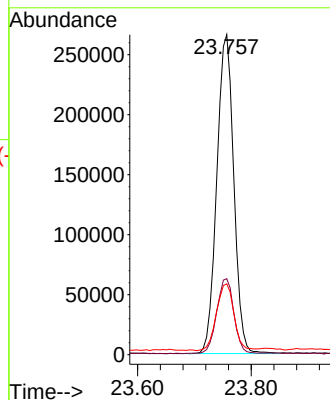
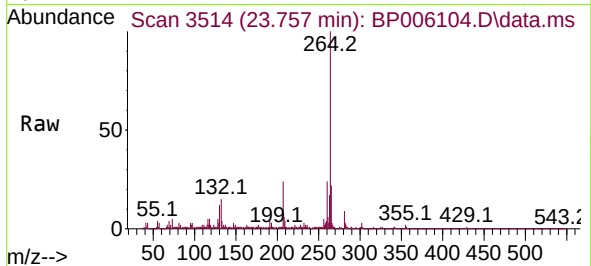




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

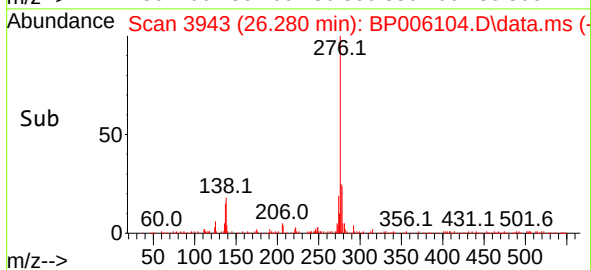
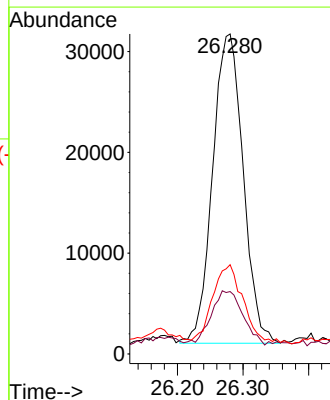
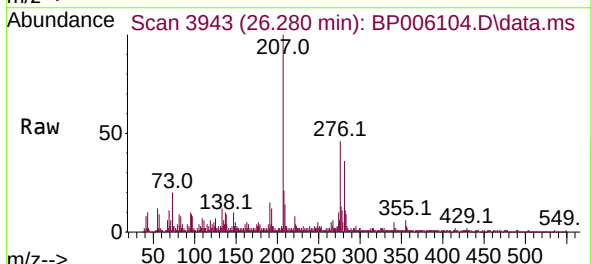
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

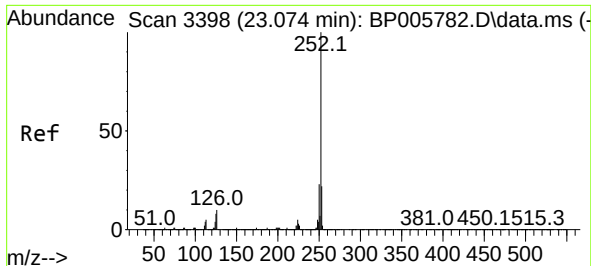
Tgt Ion:	264	Resp:	551439
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	22.1	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:	276	Resp:	99208
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.3	22.9
277	26.2	20.4	30.6

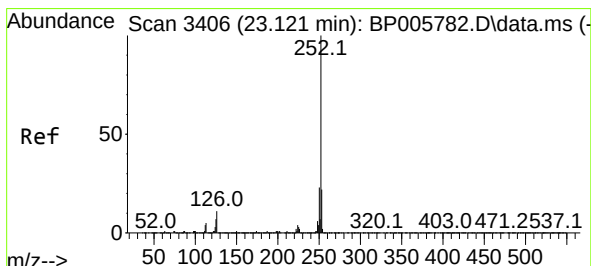
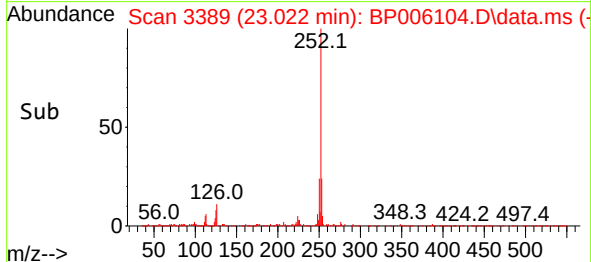
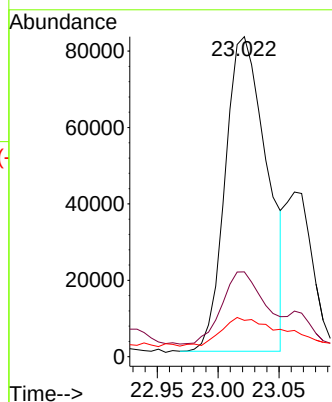
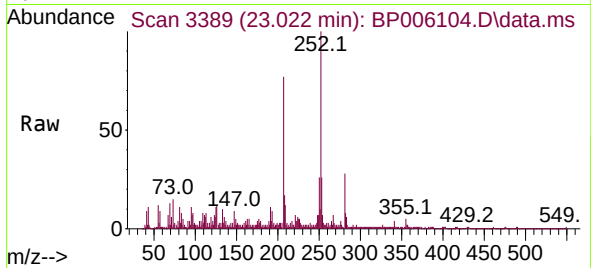




#88
Benzo(b)fluoranthene
Concen: 5.20 ng
RT: 23.022 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

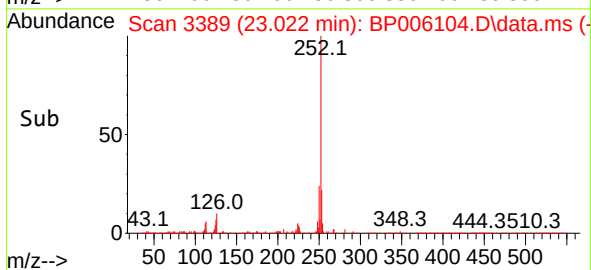
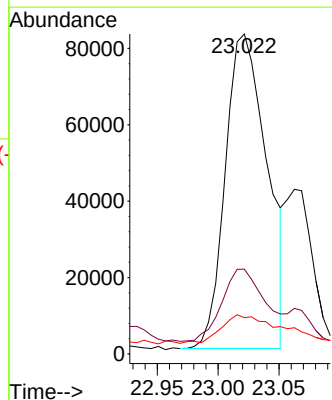
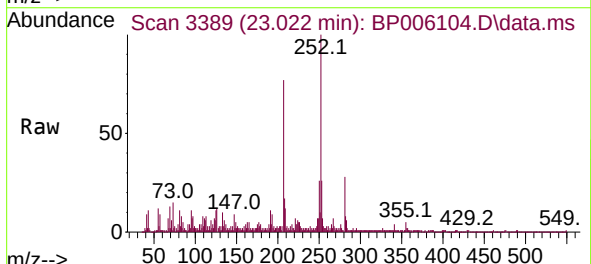
Instrument :
BNA_P
ClientSampleId :
OK-03-062821

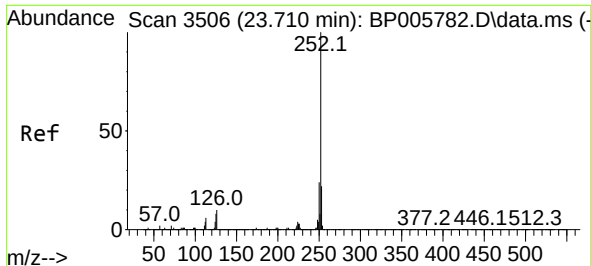
Tgt Ion:252 Resp: 196246
Ion Ratio Lower Upper
252 100
253 26.5 17.5 26.3#
125 11.3 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.36 ng
RT: 23.022 min Scan# 3389
Delta R.T. -0.047 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:252 Resp: 196246
Ion Ratio Lower Upper
252 100
253 26.5 17.6 26.4#
125 11.3 6.0 9.0#

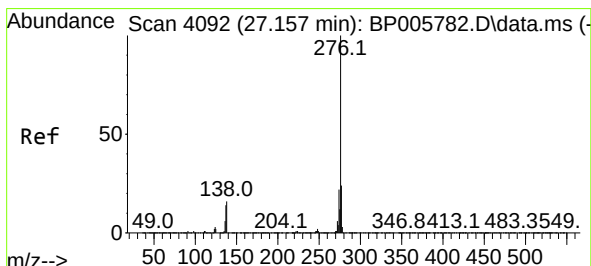
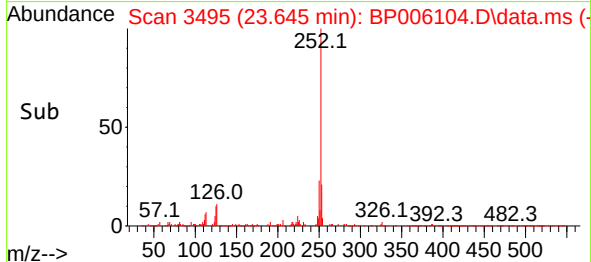
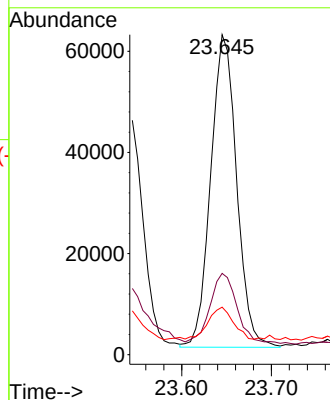
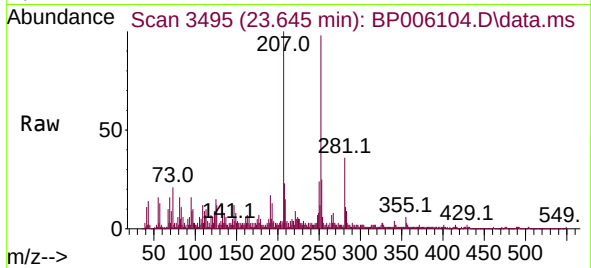




#90
Benzo(a)pyrene
Concen: 3.49 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Instrument :
BNA_P
ClientSampleId :
OK-03-062821

Tgt Ion:252 Resp: 124101
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 14.9 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.57 ng
RT: 27.062 min Scan# 4076
Delta R.T. 0.000 min
Lab File: BP006104.D
Acq: 29 Jun 2021 22:36

Tgt Ion:276 Resp: 103243
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 19.7 12.6 18.8#

