

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006169.D
 Acq On : 09 Jul 2021 19:49
 Operator : CG/JU
 Sample : M2969-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB02

Quant Time: Jul 10 01:12:51 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

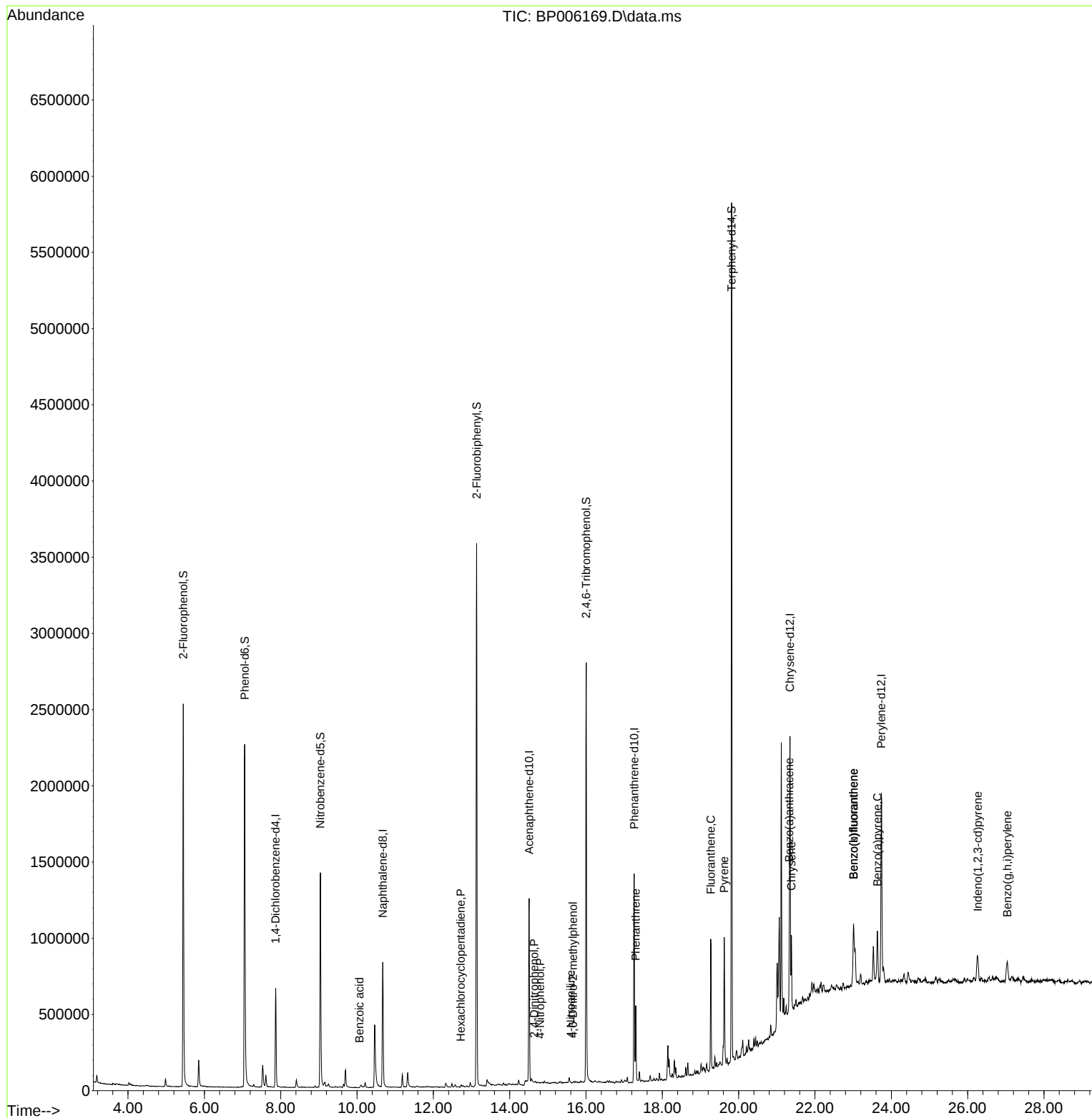
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	192039	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	731065	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	424135	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	784675	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	742036	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	874206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1251788	112.16	ng	-0.01
7) Phenol-d6	7.057	99	1511542	102.39	ng	0.00
23) Nitrobenzene-d5	9.040	82	851574	73.58	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	533665	105.68	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1805756	62.94	ng	0.00
79) Terphenyl-d14	19.815	244	2361211	62.74	ng	0.00
Target Compounds						
32) Benzoic acid	10.063	122	70	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.716	237	30	8.72	ng	90
54) 2,4-Dinitrophenol	14.639	184	78	8.90	ng	# 1
56) 4-Nitrophenol	14.798	139	135	7.15	ng	# 1
62) 4-Nitroaniline	15.604	138	47	2.96	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.663	198	24	4.42	ng	# 1
71) Phenanthrene	17.304	178	295515	6.67	ng	98
75) Fluoranthene	19.268	202	491616	10.12	ng	95
78) Pyrene	19.621	202	468657	9.34	ng	99
81) Benzo(a)anthracene	21.327	228	247007	5.26	ng	99
83) Chrysene	21.380	228	255488	5.51	ng	98
87) Indeno(1,2,3-cd)pyrene	26.262	276	176646	2.74	ng	# 91
88) Benzo(b)fluoranthene	23.009	252	333813	6.29	ng	# 93
89) Benzo(k)fluoranthene	23.009	252	333813	6.44	ng	# 93
90) Benzo(a)pyrene	23.633	252	241398	4.85	ng	# 92
92) Benzo(g,h,i)perylene	27.039	276	173040	3.17	ng	# 89

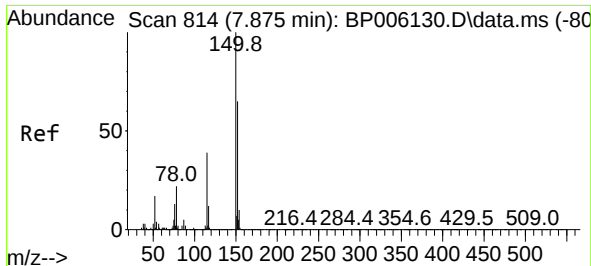
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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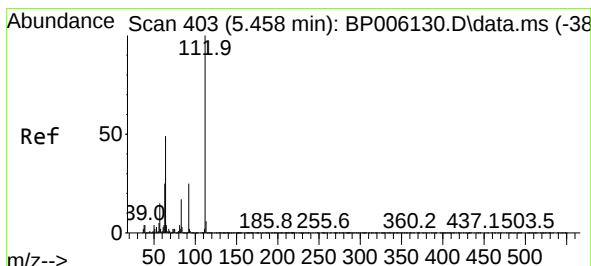
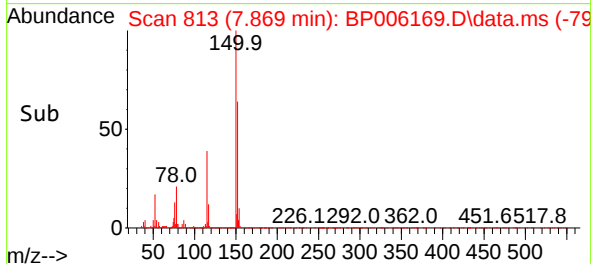
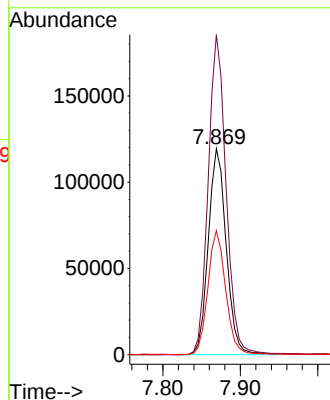
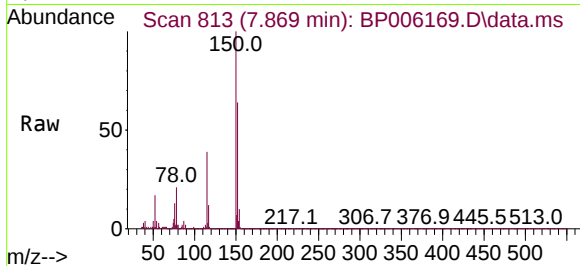




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

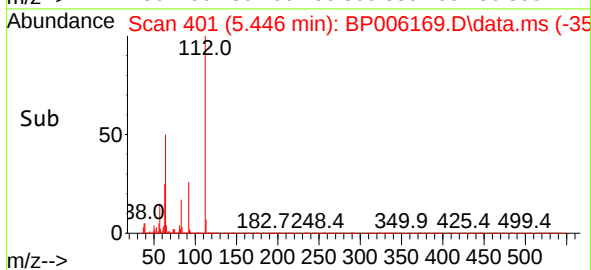
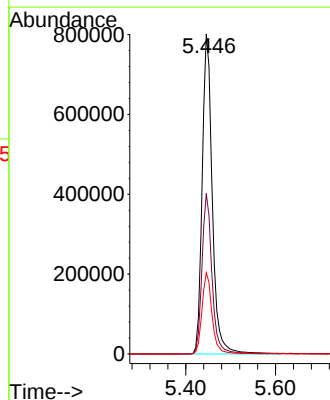
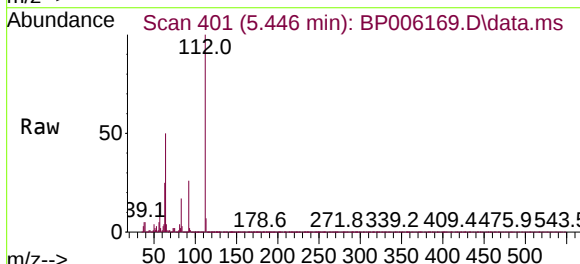
Instrument :
BNA_P
ClientSampleId :
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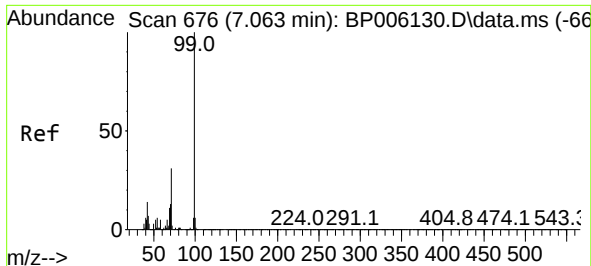
Tgt Ion:152 Resp: 192039
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 112.16 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:112 Resp: 1251788
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 25.4 23.8 35.8

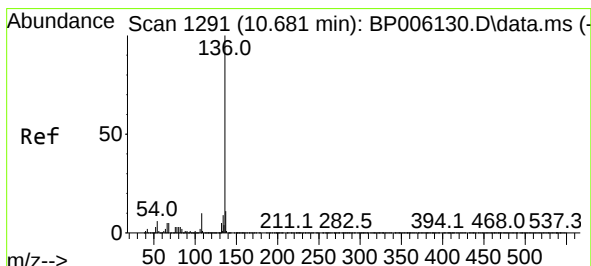
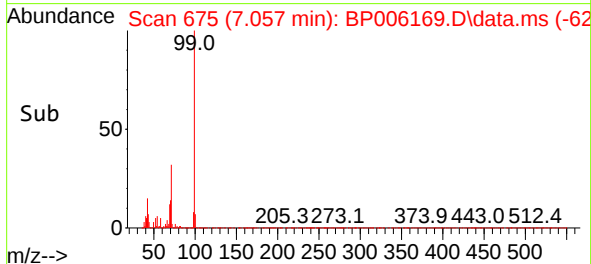
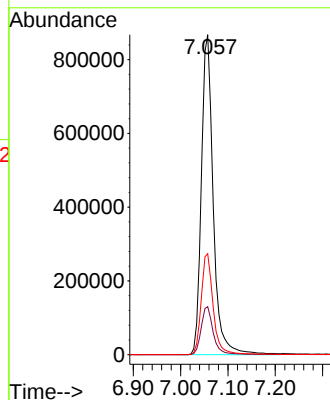
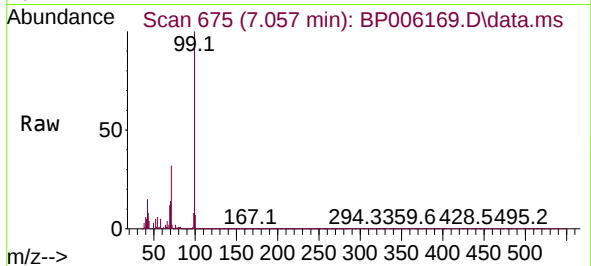




#7
Phenol-d6
Concen: 102.39 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

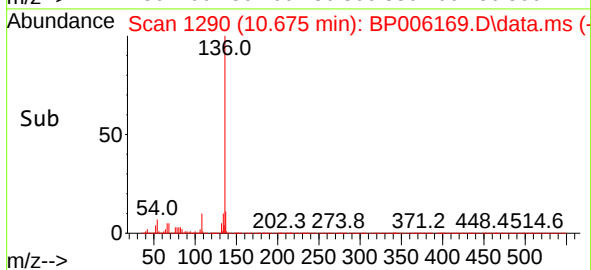
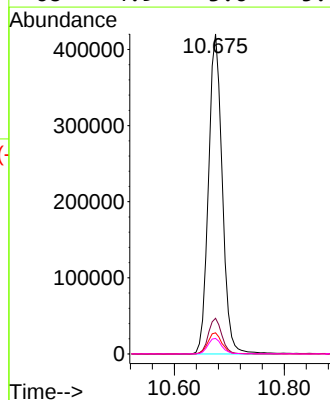
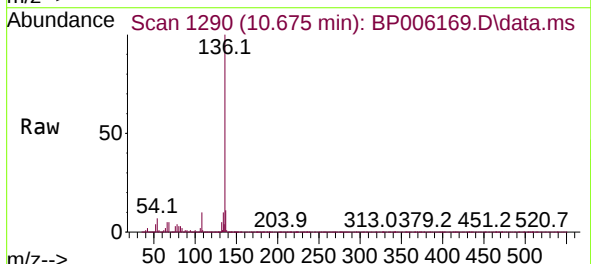
Instrument :
BNA_P
ClientSampleId :
SB02

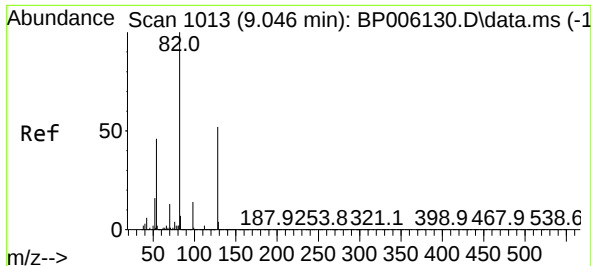
Tgt Ion: 99 Resp: 1511542
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 31.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion: 136 Resp: 731065
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.6 4.6 6.8
68 4.9 3.6 5.4

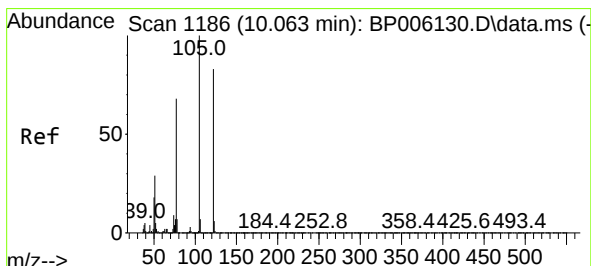
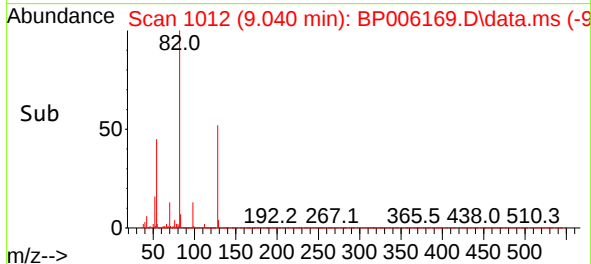
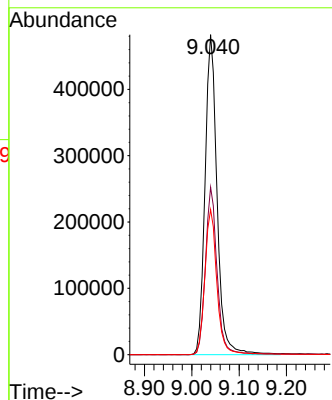
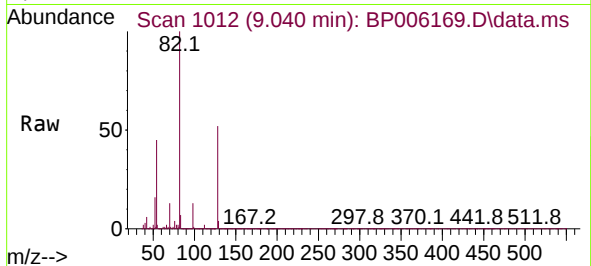




#23
Nitrobenzene-d5
Concen: 73.58 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

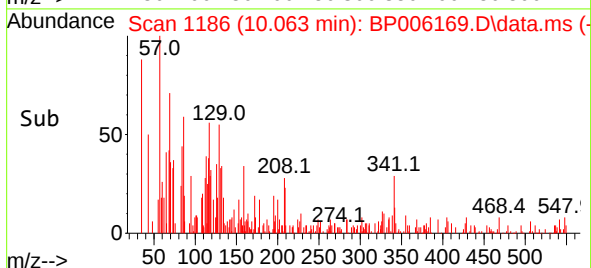
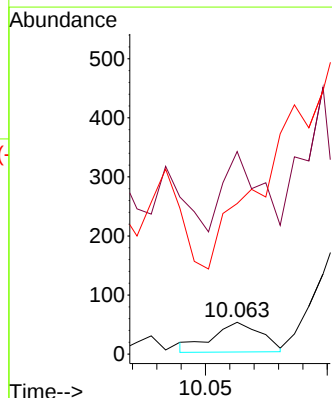
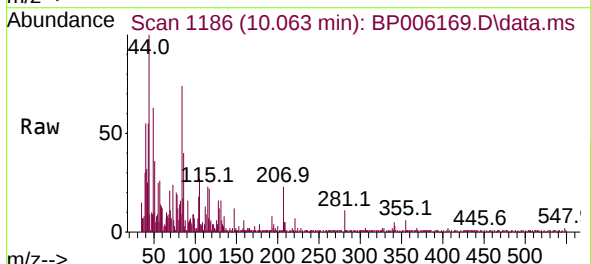
Instrument :
BNA_P
ClientSampleId :
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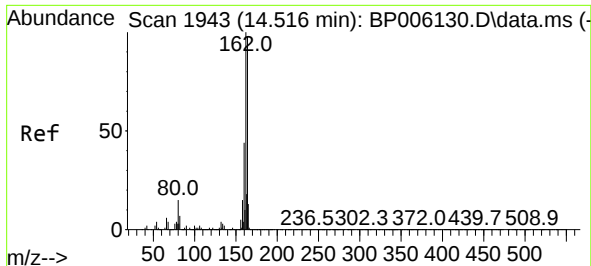
Tgt Ion: 82 Resp: 851574
Ion Ratio Lower Upper
82 100
128 52.3 35.7 53.5
54 45.3 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 635.2 103.2 143.2#
77 472.2 76.2 116.2#

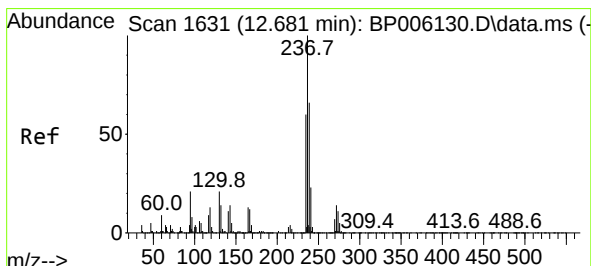
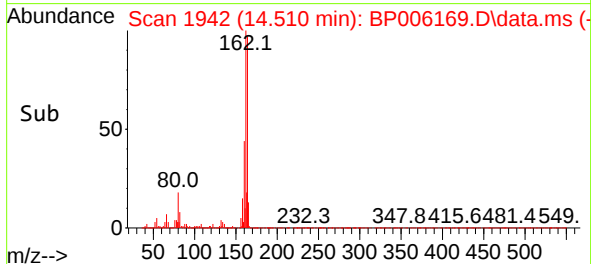
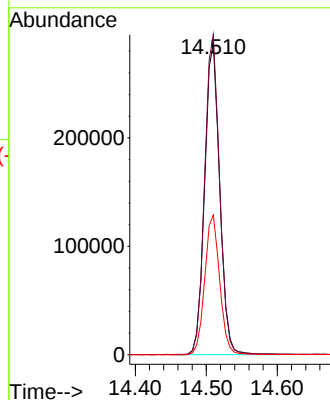
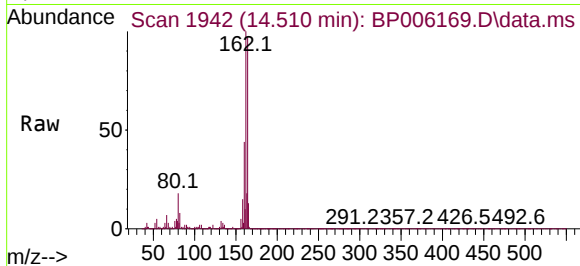




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

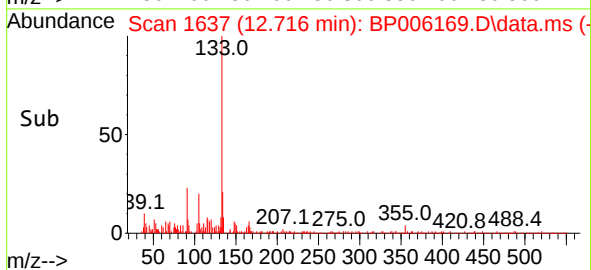
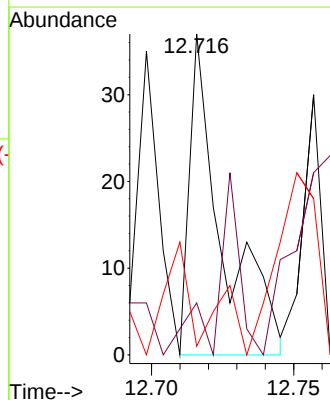
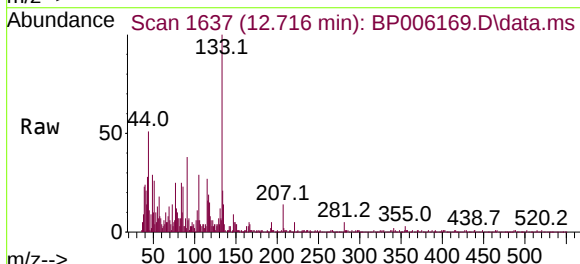
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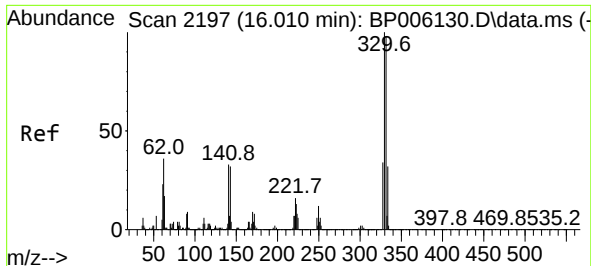
Tgt Ion:164 Resp: 424135
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 44.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.72 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.035 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:237 Resp: 30
Ion Ratio Lower Upper
237 100
235 70.3 44.5 84.5
272 2.7 0.0 32.5

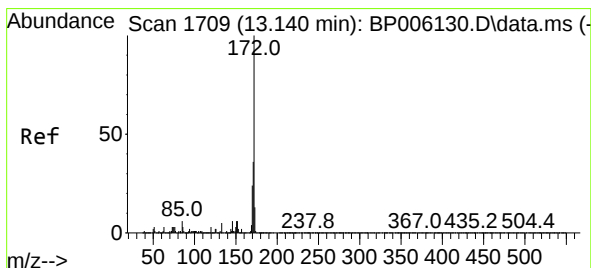
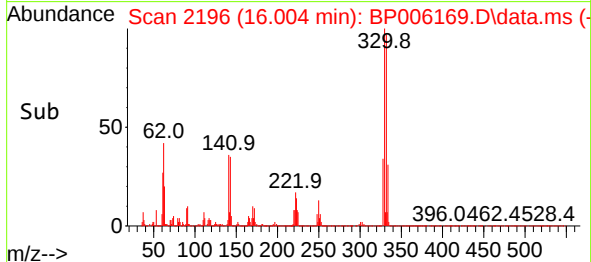
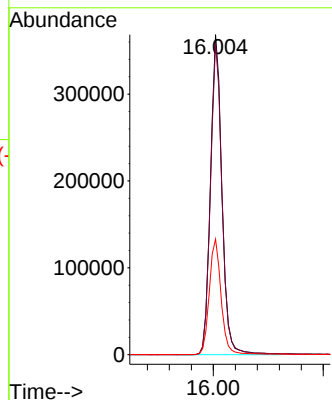
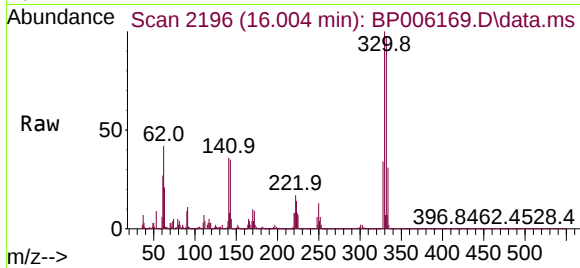




#42
2,4,6-Tribromophenol
Concen: 105.68 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

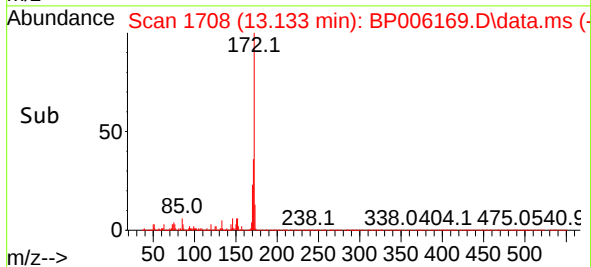
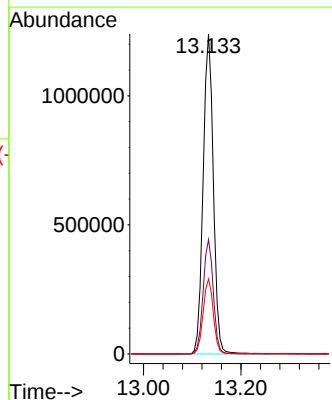
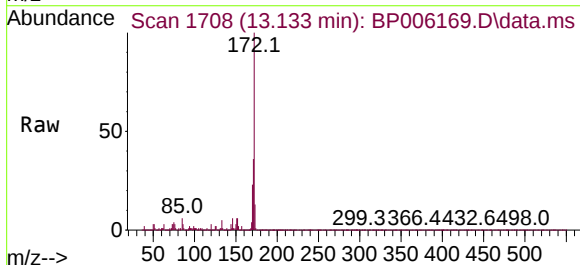
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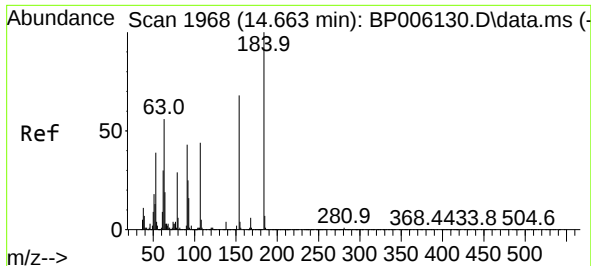
Tgt Ion:330 Resp: 533665
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 37.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.94 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:172 Resp: 1805756
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.5 18.6 27.8

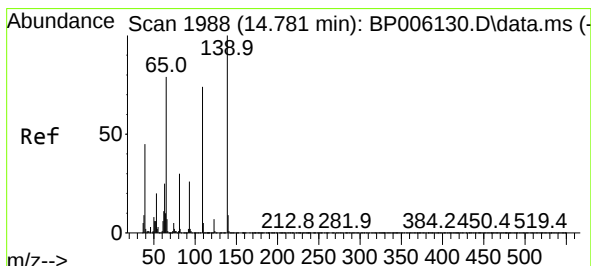
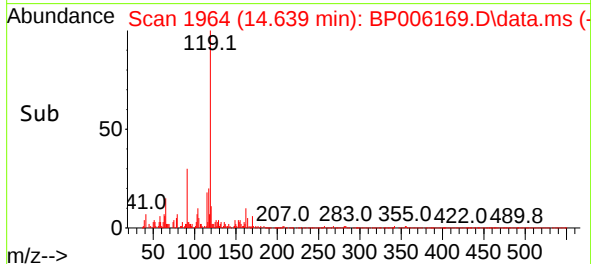
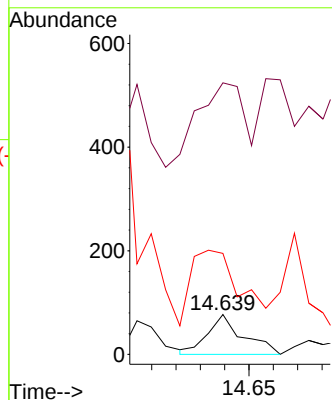
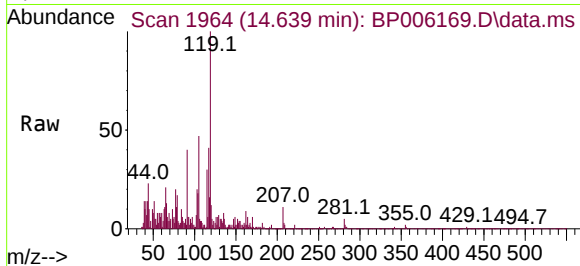




#54
2,4-Dinitrophenol
Concen: 8.90 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.024 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

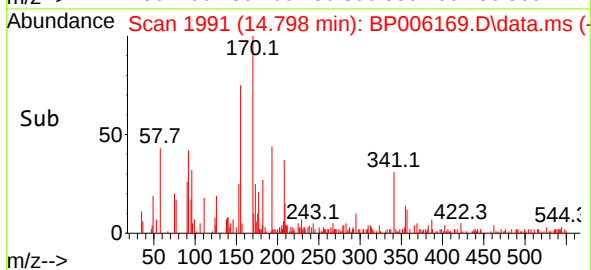
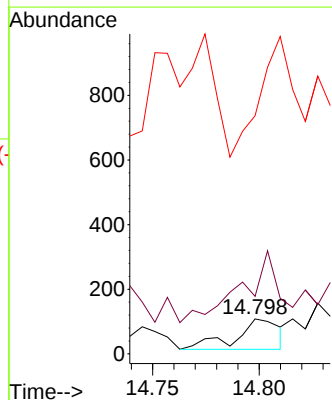
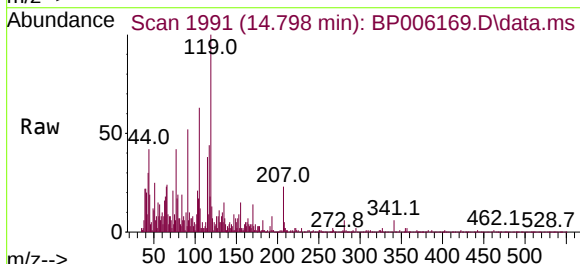
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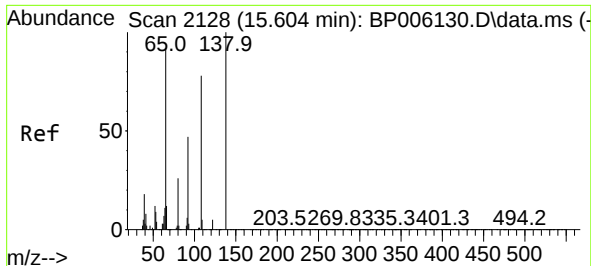
Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 680.5 47.0 70.6#
154 253.2 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.15 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.017 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:139 Resp: 135
Ion Ratio Lower Upper
139 100
109 164.8 72.3 112.3#
65 682.4 72.5 112.5#

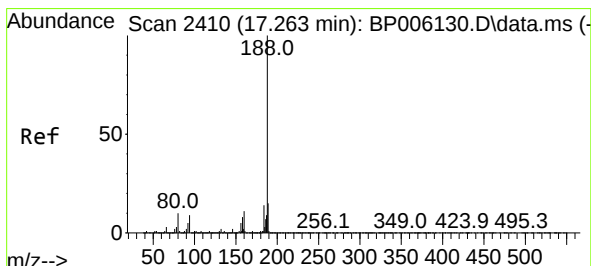
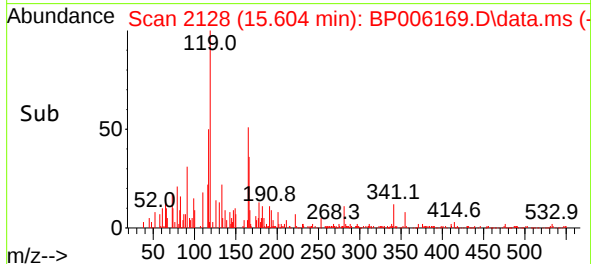
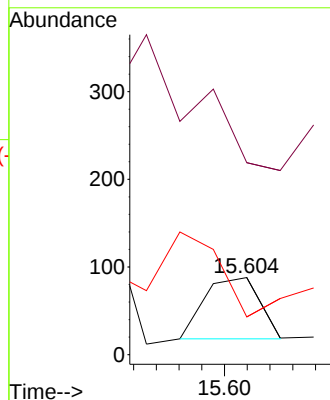
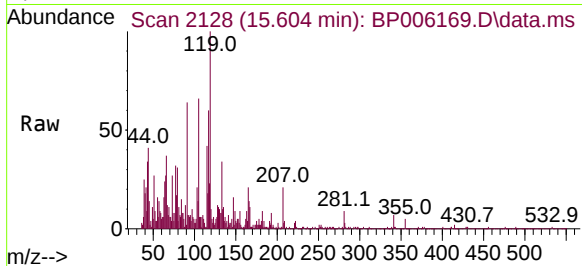




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

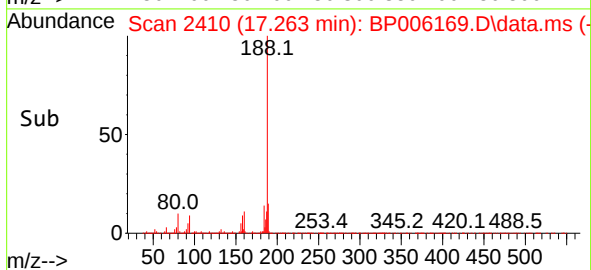
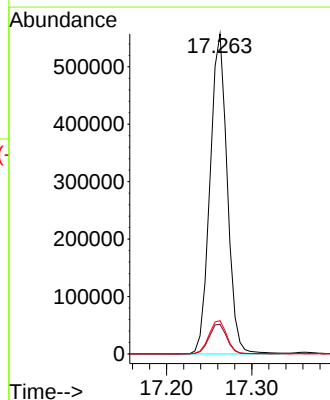
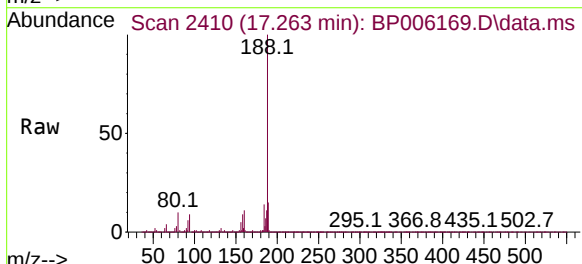
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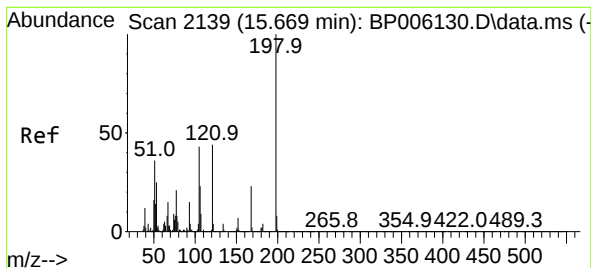
Tgt Ion:138 Resp: 47
Ion Ratio Lower Upper
138 100
92 248.9 31.2 71.2#
108 48.9 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:188 Resp: 784675
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.4 6.3 9.5#

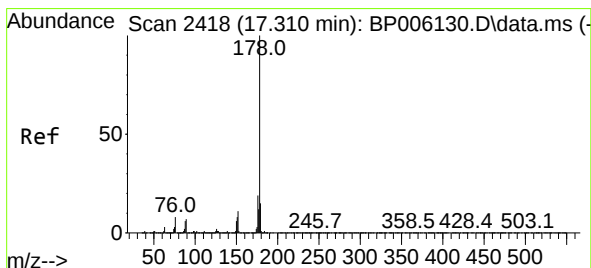
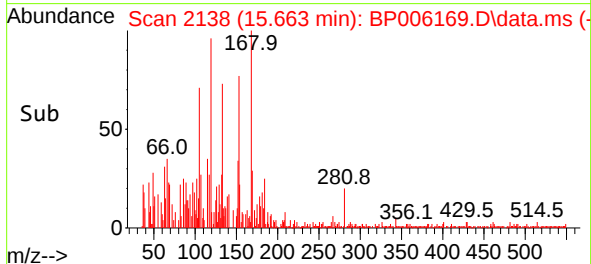
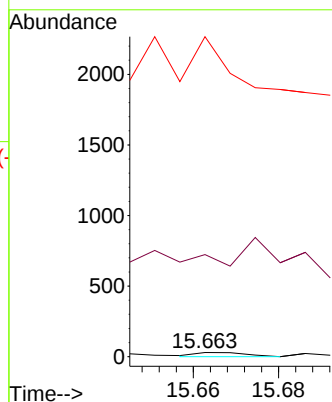
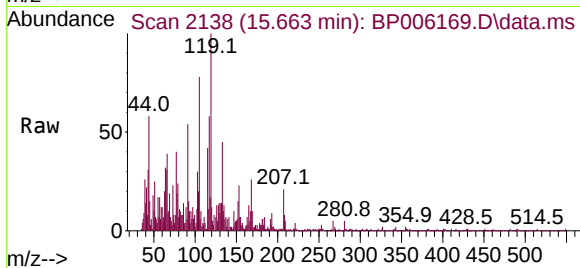




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

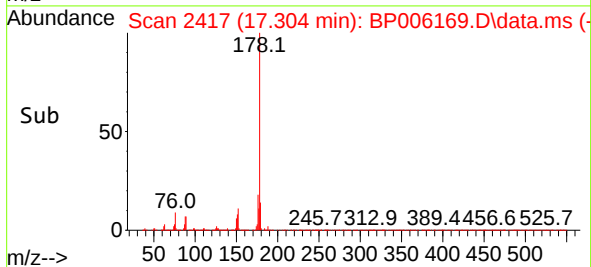
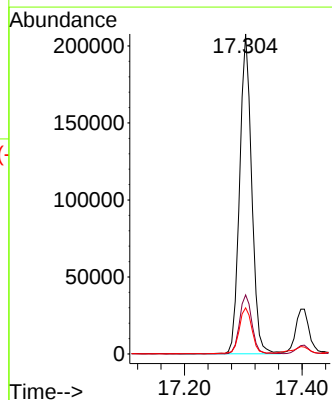
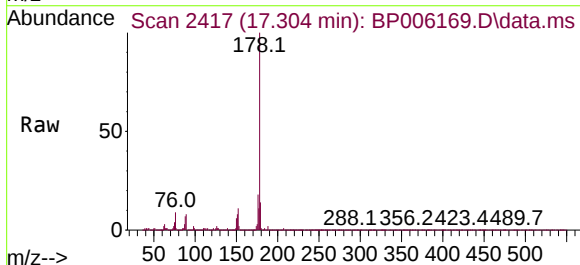
Instrument :
BNA_P
ClientSampleId :
SB02

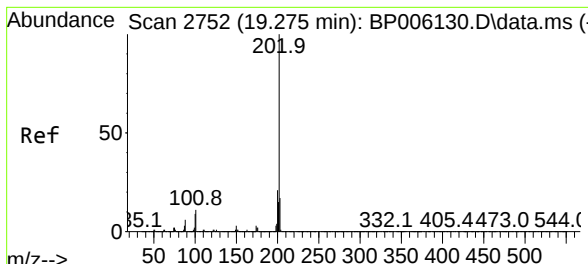
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 2493.1 14.0 54.0#
105 7817.2 19.5 59.5#



#71
Phenanthrene
Concen: 6.67 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:178 Resp: 295515
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 14.4 12.4 18.6

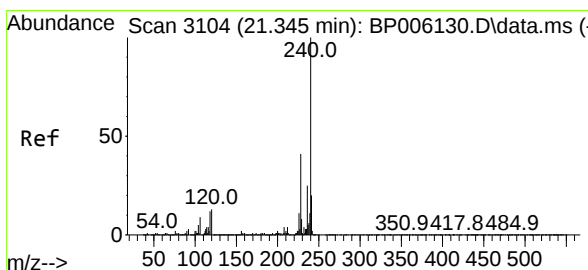
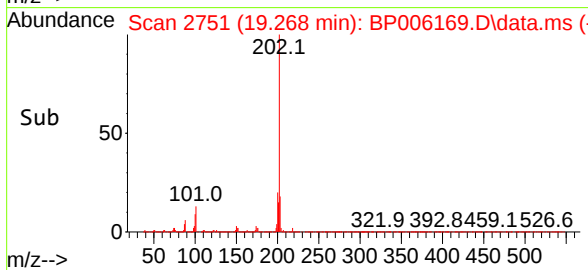
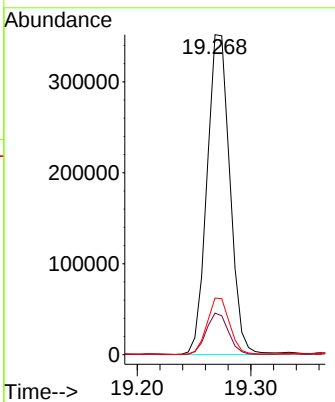
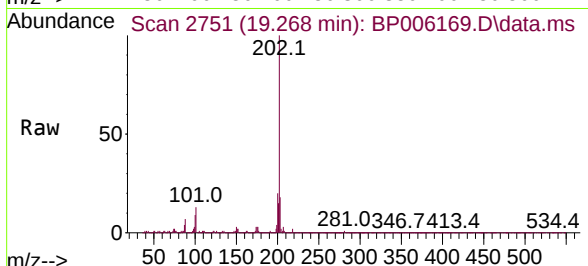




#75
 Fluoranthene
 Concen: 10.12 ng
 RT: 19.268 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP006169.D
 Acq: 09 Jul 2021 19:49

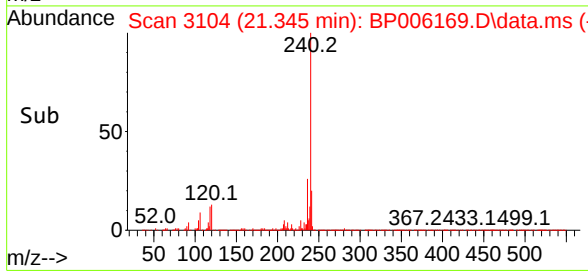
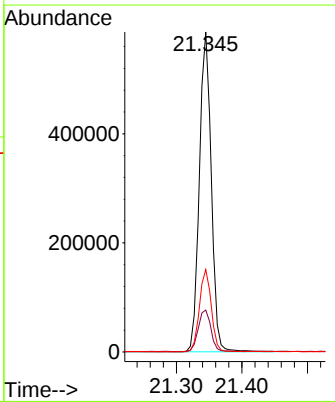
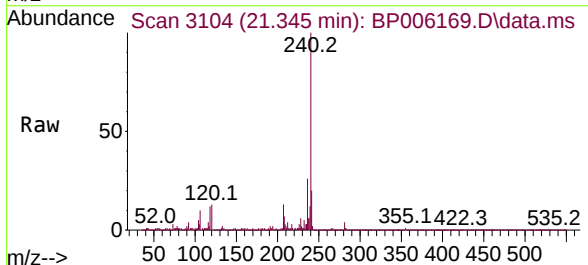
Instrument :
 BNA_P
 ClientSampleId :
 SB02

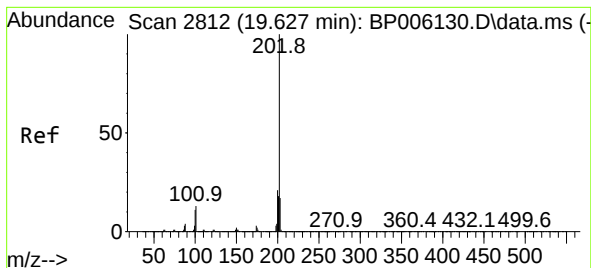
Tgt Ion:	202	Resp:	491616
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	27.6
203	17.7	0.0	37.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.345 min Scan# 3104
 Delta R.T. -0.000 min
 Lab File: BP006169.D
 Acq: 09 Jul 2021 19:49

Tgt Ion:	240	Resp:	742036
Ion Ratio	Lower	Upper	
240	100		
120	13.1	6.5	9.7#
236	25.7	20.6	31.0





#78

Pyrene

Concen: 9.34 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP006169.D

Acq: 09 Jul 2021 19:49

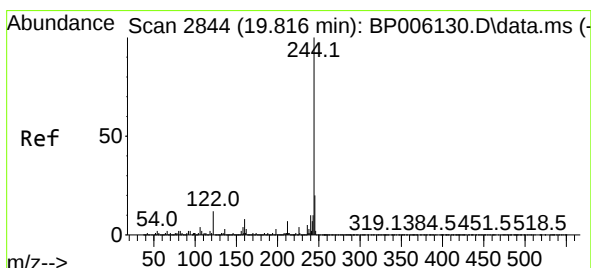
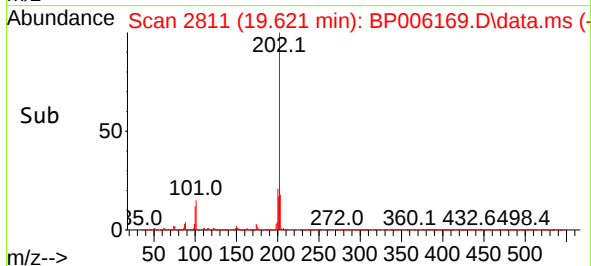
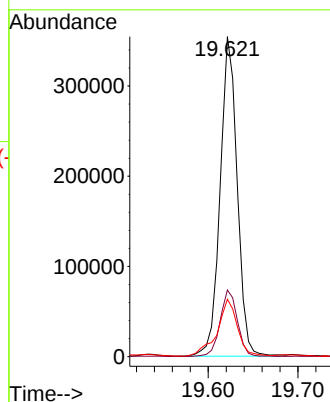
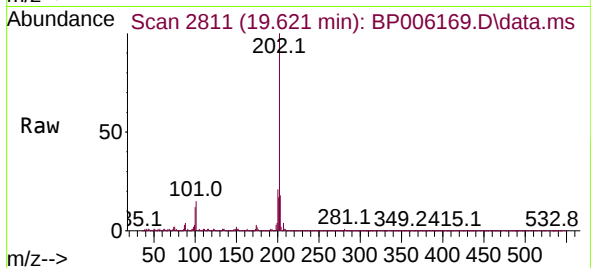
Instrument :

BNA_P

ClientSampleId :

SB02

Tgt Ion:202	Resp: 468657
Ion Ratio	Lower Upper
202 100	
200 20.8	16.3 24.5
203 18.0	14.2 21.2



#79

Terphenyl-d14

Concen: 62.74 ng

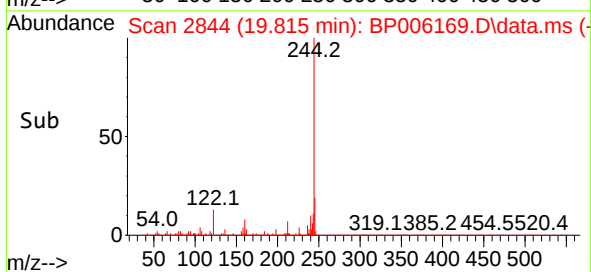
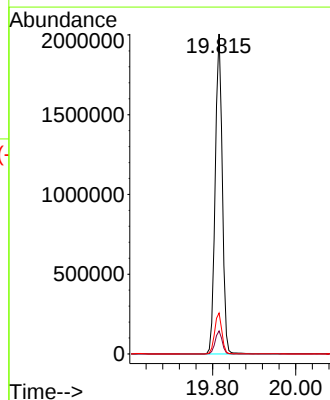
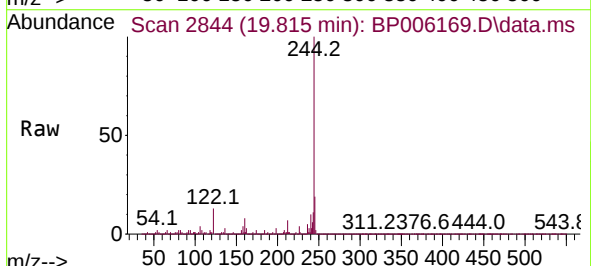
RT: 19.815 min Scan# 2844

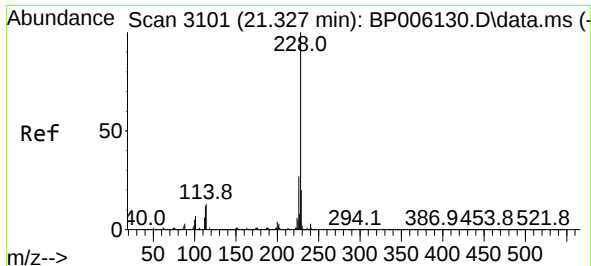
Delta R.T. -0.000 min

Lab File: BP006169.D

Acq: 09 Jul 2021 19:49

Tgt Ion:244	Resp: 2361211
Ion Ratio	Lower Upper
244 100	
212 7.2	6.0 9.0
122 12.8	7.1 10.7

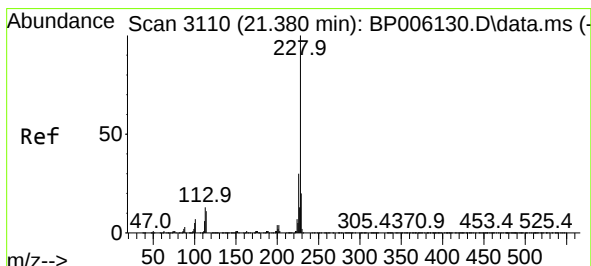
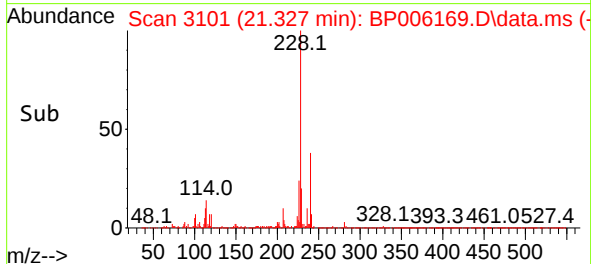
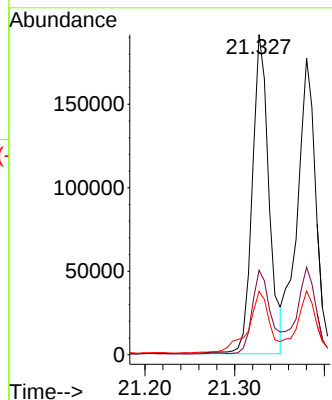
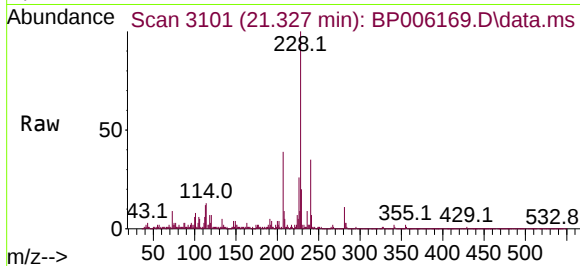




#81
Benzo(a)anthracene
Concen: 5.26 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

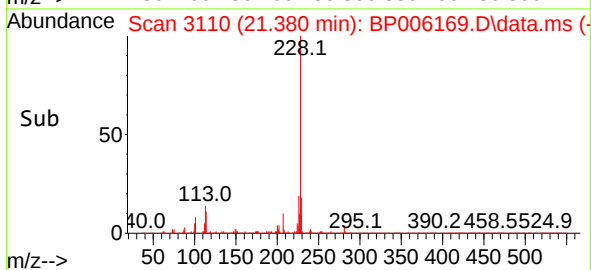
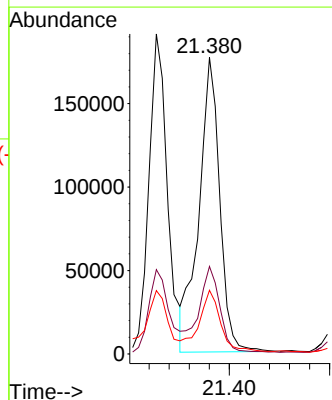
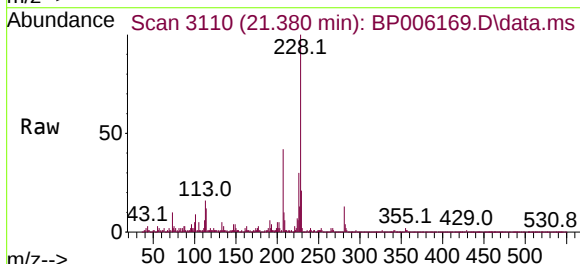
Instrument :
BNA_P
ClientSampleId :
SB02

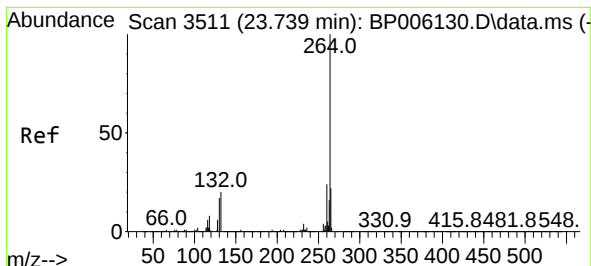
Tgt Ion:228 Resp: 247007
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.8 15.8 23.6



#83
Chrysene
Concen: 5.51 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:228 Resp: 255488
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.5 15.4 23.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.739 min Scan# 3511

Delta R.T. -0.000 min

Lab File: BP006169.D

Acq: 09 Jul 2021 19:49

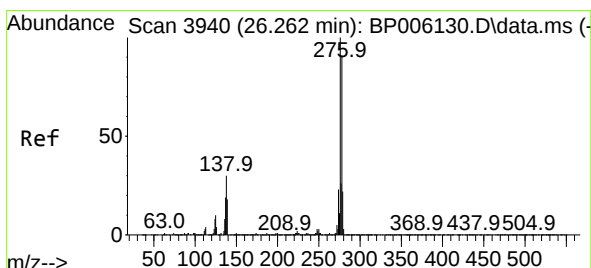
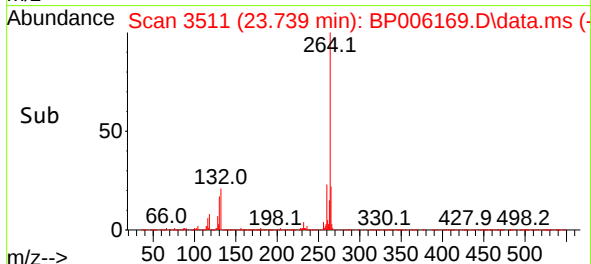
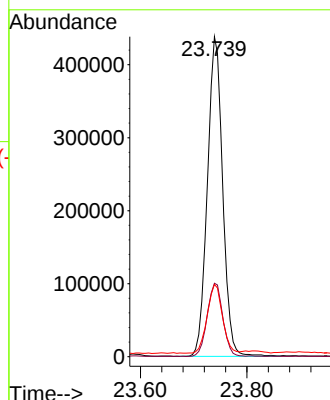
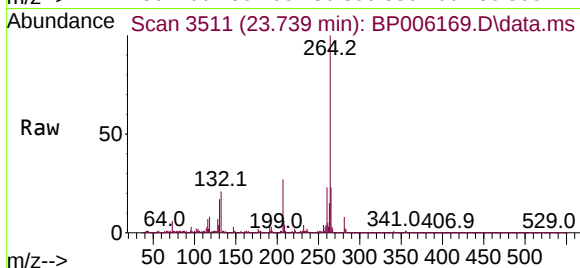
Instrument :

BNA_P

ClientSampled :

SB02

Tgt Ion:264	Resp:	874206
Ion Ratio	Lower	Upper
264	100	
260	23.0	18.6 28.0
265	22.6	17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.74 ng

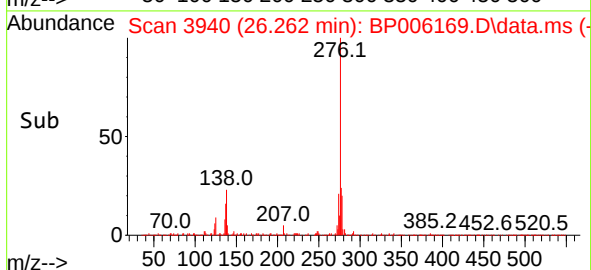
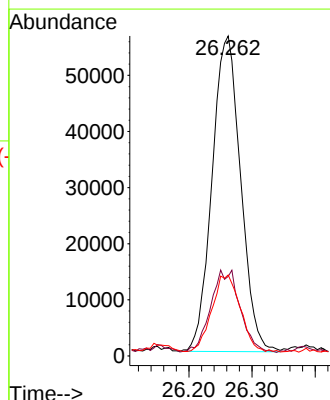
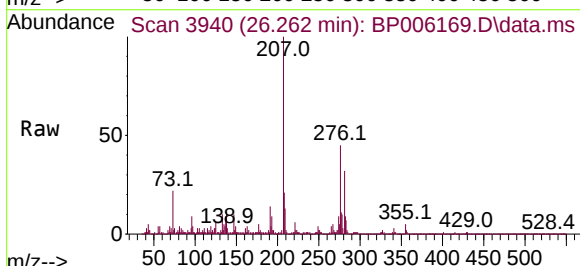
RT: 26.262 min Scan# 3940

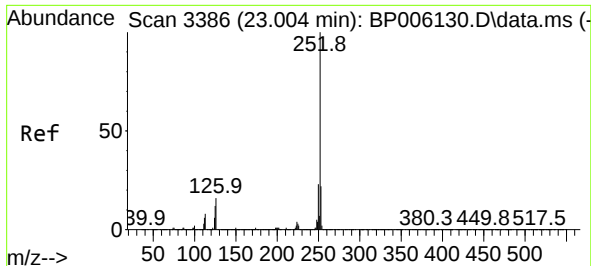
Delta R.T. -0.000 min

Lab File: BP006169.D

Acq: 09 Jul 2021 19:49

Tgt Ion:276	Resp:	176646
Ion Ratio	Lower	Upper
276	100	
138	27.0	15.3 22.9
277	24.6	20.4 30.6

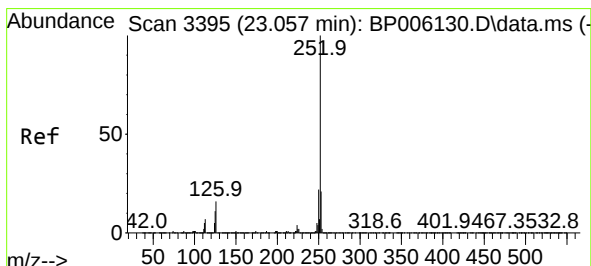
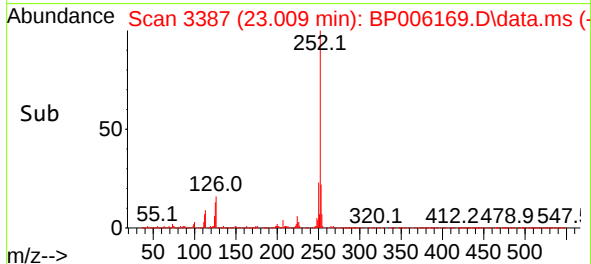
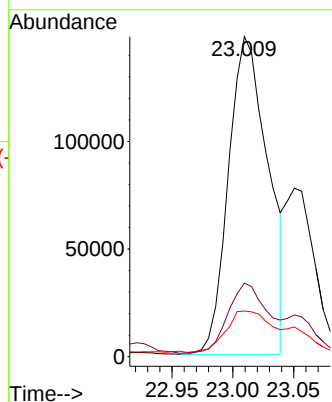
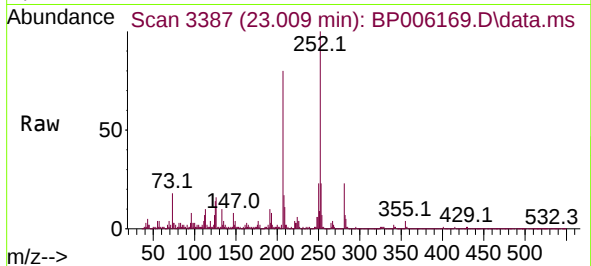




#88
Benzo(b)fluoranthene
Concen: 6.29 ng
RT: 23.009 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

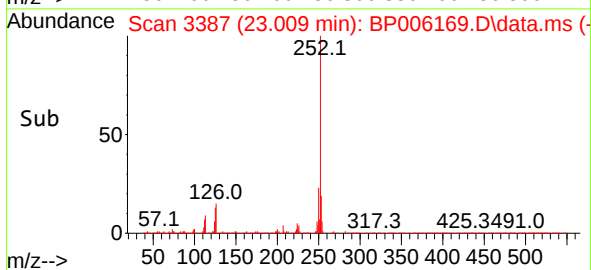
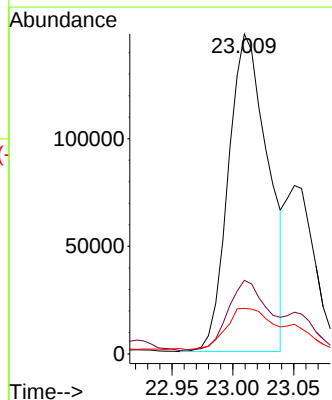
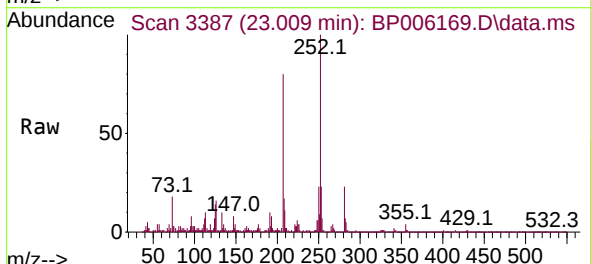
Instrument :
BNA_P
ClientSampled :
SB02

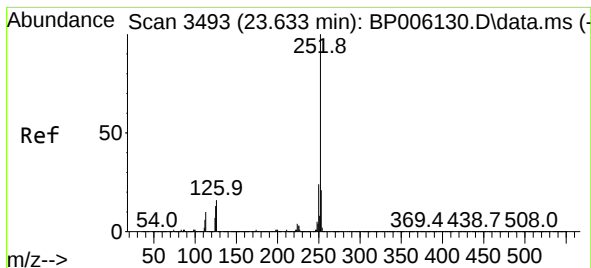
Tgt Ion:252 Resp: 333813
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 14.3 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 6.44 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.047 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:252 Resp: 333813
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 14.3 6.0 9.0#

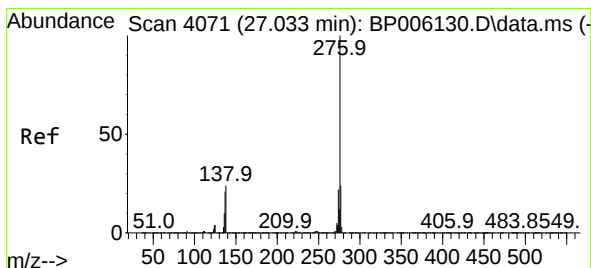
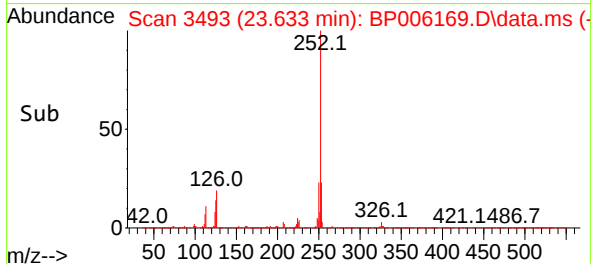
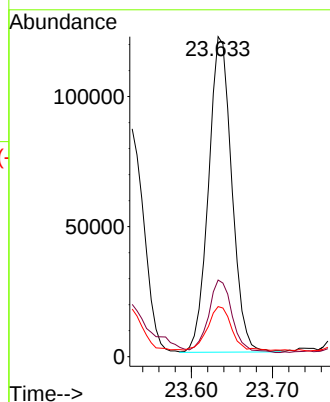
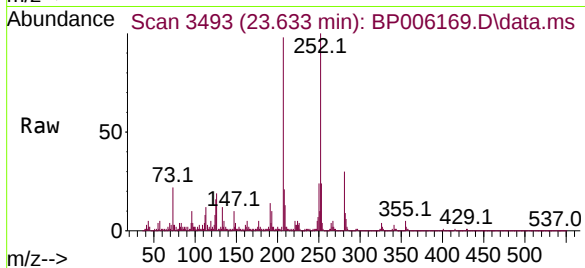




#90
Benzo(a)pyrene
Concen: 4.85 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Instrument :
BNA_P
ClientSampled :
SB02

Tgt Ion:252 Resp: 241398
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 15.7 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.17 ng
RT: 27.039 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BP006169.D
Acq: 09 Jul 2021 19:49

Tgt Ion:276 Resp: 173040
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 26.4 12.6 18.8#

