

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006213.D
 Acq On : 13 Jul 2021 22:16
 Operator : CG/JU
 Sample : M3001-01DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720DL

Quant Time: Jul 14 11:40:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

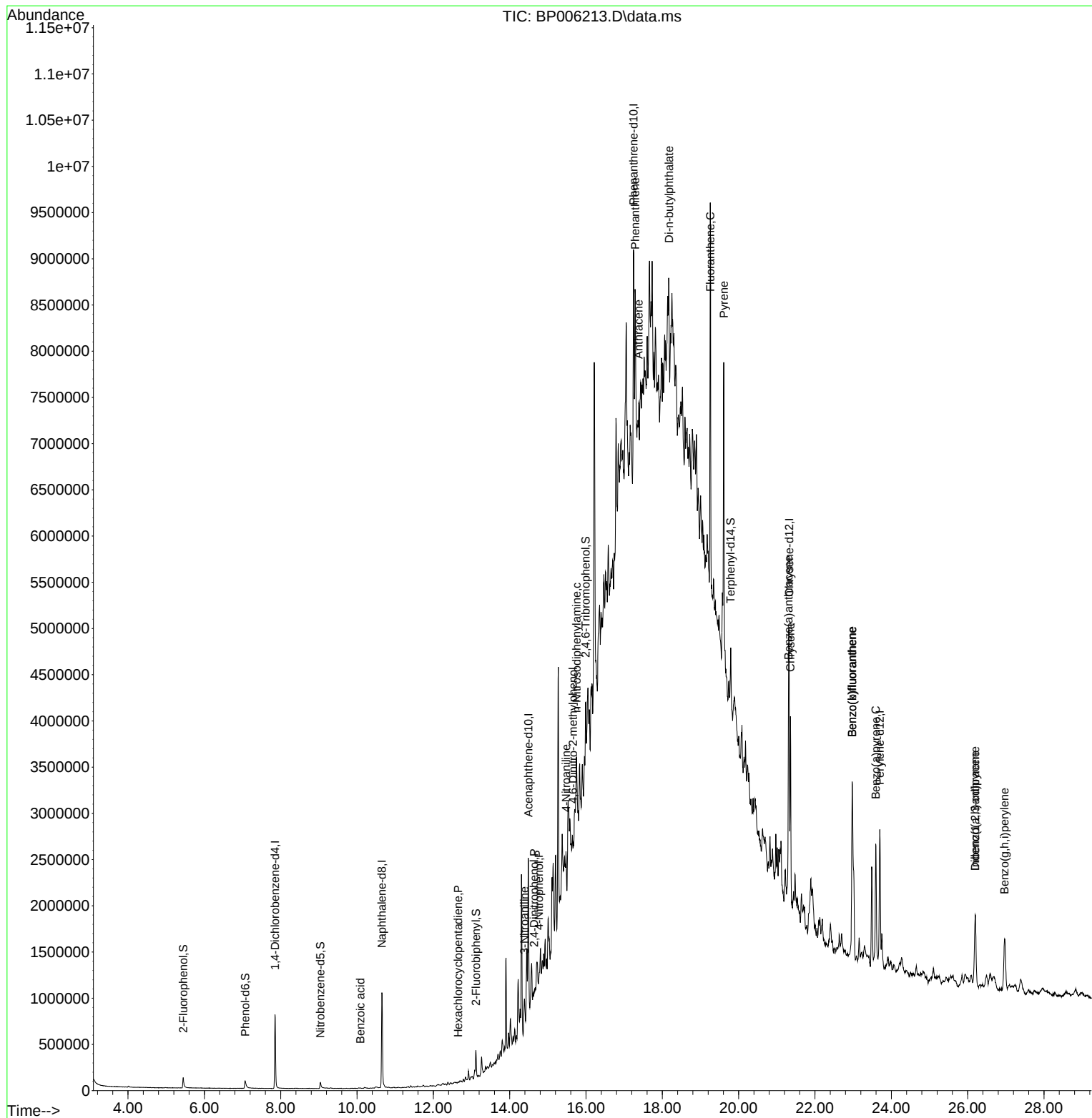
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	247402	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1004609	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	524369	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	964784	20.000	ng	# 0.00
76) Chrysene-d12	21.321	240	921681	20.000	ng	# 0.00
86) Perylene-d12	23.698	264	1027050	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	79741	5.546	ng	0.00
7) Phenol-d6	7.069	99	99918	5.254	ng	0.02
23) Nitrobenzene-d5	9.040	82	62042	3.901	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	39155	6.272	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	160398	4.522	ng	0.00
79) Terphenyl-d14	19.792	244	219414	4.694	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.086	122	85	6.910	ng	# 2
41) Hexachlorocyclopentadiene	12.645	237	14	8.705	ng	86
53) 3-Nitroaniline	14.386	138	19013	2.208	ng	# 16
54) 2,4-Dinitrophenol	14.639	184	106	8.901	ng	# 1
56) 4-Nitrophenol	14.769	139	1487	7.329	ng	# 1
62) 4-Nitroaniline	15.480	138	7947	3.806	ng	94
65) 4,6-Dinitro-2-methylph...	15.663	198	3826	4.970	ng	# 1
66) n-Nitrosodiphenylamine	15.751	169	100215	3.190	ng	# 42
71) Phenanthrene	17.292	178	944469	17.334	ng	# 93
72) Anthracene	17.380	178	121506	2.276	ng	# 58
74) Di-n-butylphthalate	18.174	149	150714	2.367	ng	# 44
75) Fluoranthene	19.257	202	2395048	40.106	ng	96
78) Pyrene	19.610	202	1948039	31.270	ng	98
81) Benzo(a)anthracene	21.304	228	924601	15.861	ng	99
83) Chrysene	21.356	228	1075093	18.662	ng	98
87) Indeno(1,2,3-cd)pyrene	26.197	276	749793	9.902	ng	# 92
88) Benzo(b)fluoranthene	22.974	252	1530106	24.560	ng	# 95
89) Benzo(k)fluoranthene	22.974	252	1530106	25.127	ng	# 94
90) Benzo(a)pyrene	23.592	252	909629	15.559	ng	# 94
91) Dibenzo(a,h)anthracene	26.197	278	194065	2.976	ng	# 87
92) Benzo(g,h,i)perylene	26.968	276	728627	11.355	ng	# 88

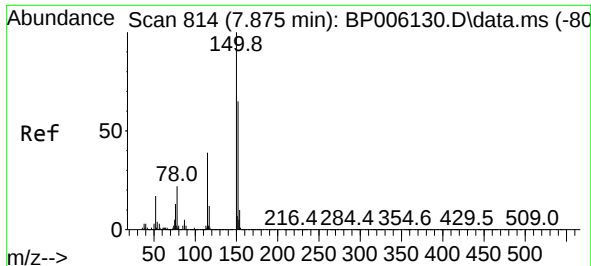
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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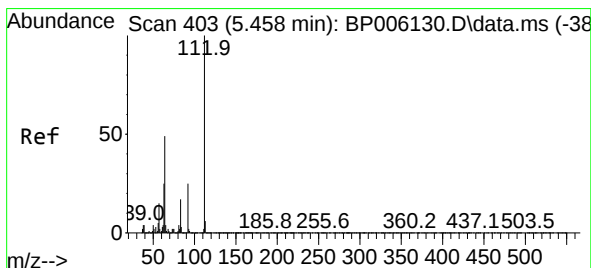
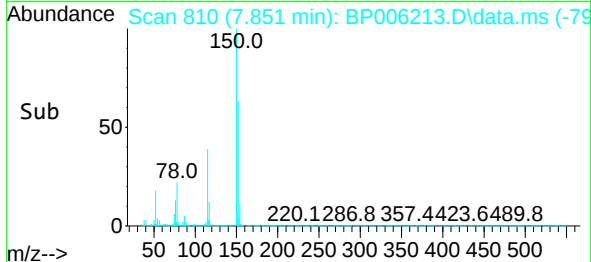
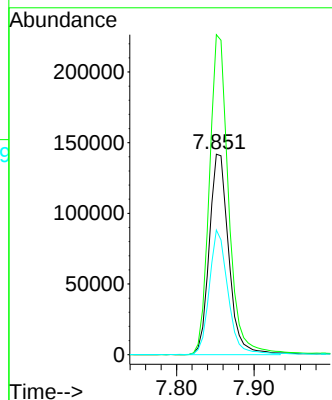
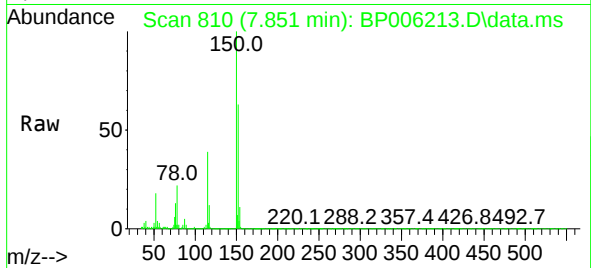




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

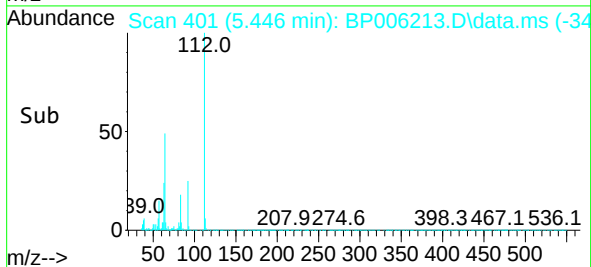
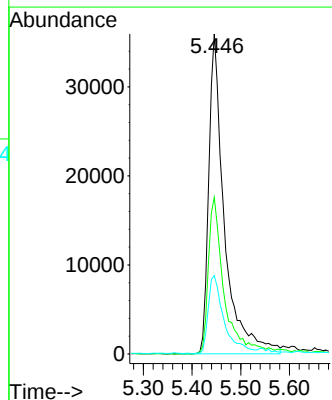
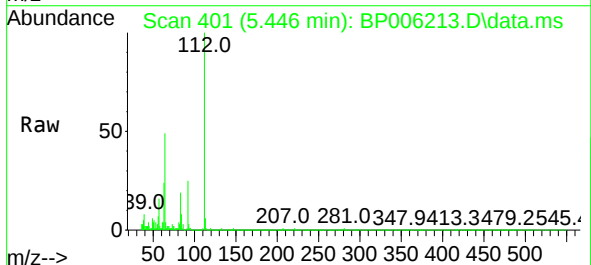
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

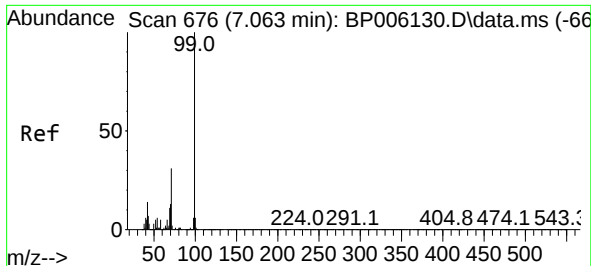
Tgt Ion:152 Resp: 247402
Ion Ratio Lower Upper
152 100
150 159.6 125.6 188.4
115 62.2 48.5 72.7



#5
2-Fluorophenol
Concen: 5.546 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:112 Resp: 79741
Ion Ratio Lower Upper
112 100
64 48.9 41.4 62.2
63 24.5 23.8 35.8

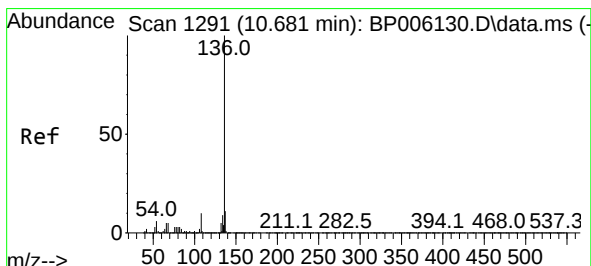
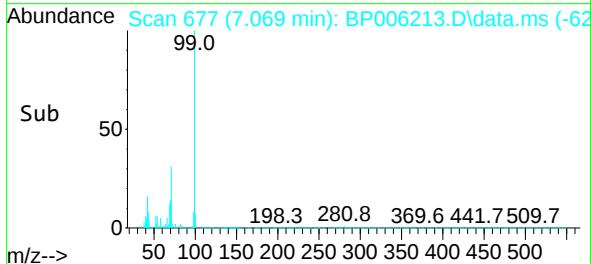
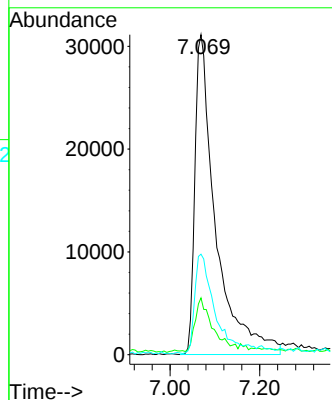
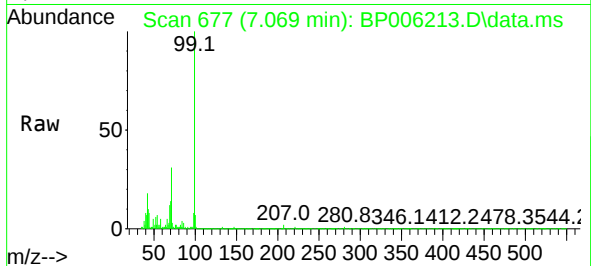




#7
Phenol-d6
Concen: 5.254 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.024 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

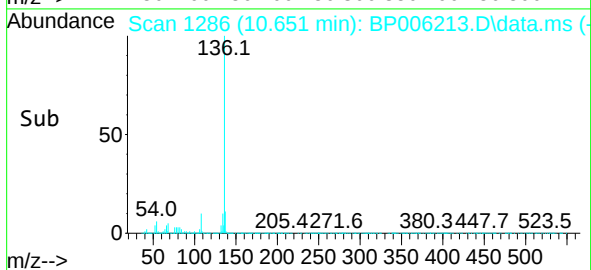
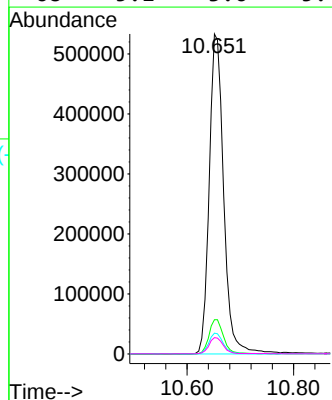
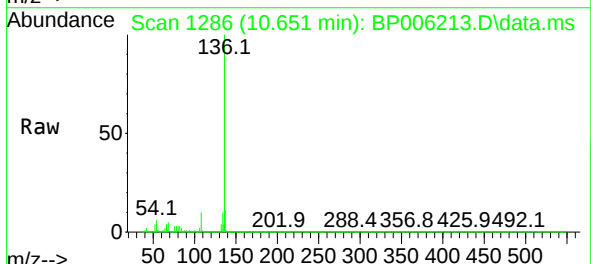
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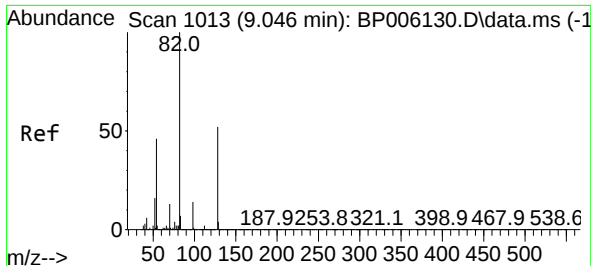
Tgt Ion:	99	Resp:	99918
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.4	20.0
71	31.4	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:	136	Resp:	1004609
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.5	4.6	6.8
68	5.1	3.6	5.4

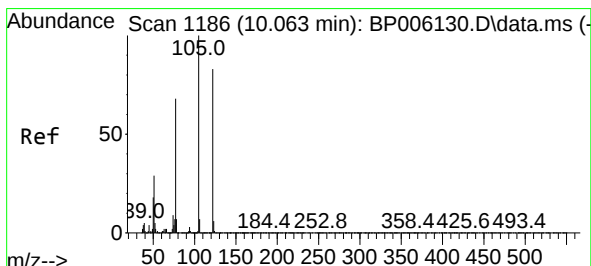
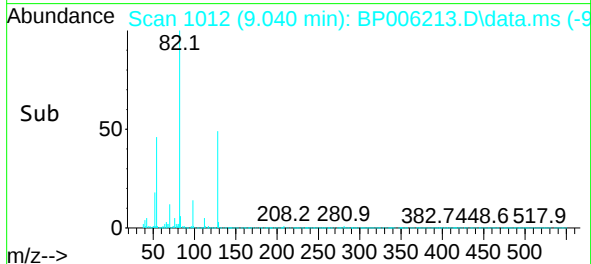
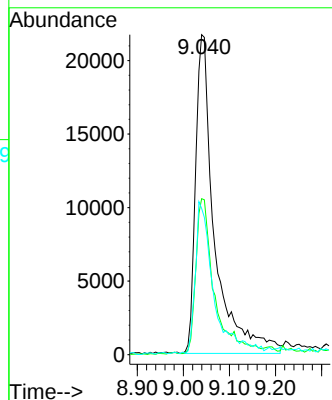
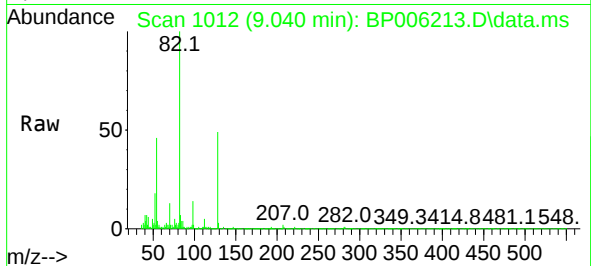




#23
Nitrobenzene-d5
Concen: 3.901 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

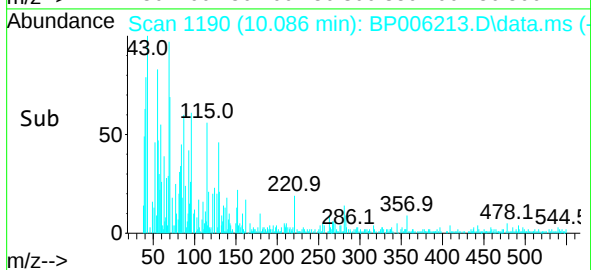
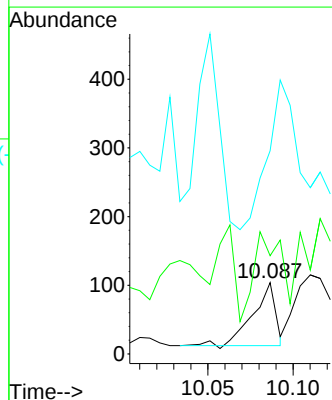
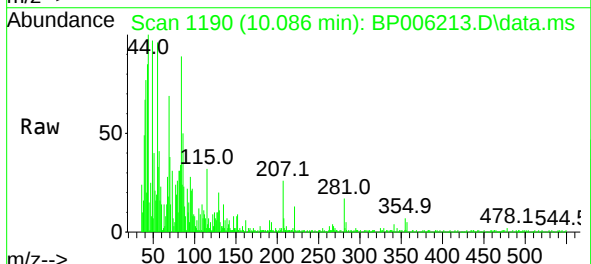
Instrument :
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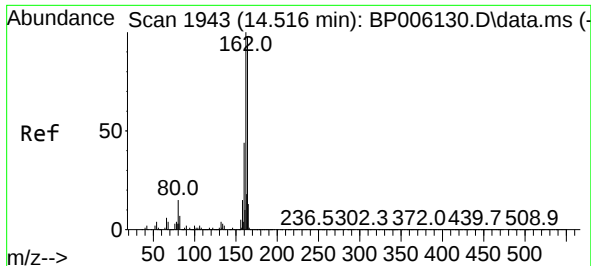
Tgt Ion: 82 Resp: 62042
Ion Ratio Lower Upper
82 100
128 48.8 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 6.910 ng
RT: 10.086 min Scan# 1190
Delta R.T. 0.024 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion: 122 Resp: 85
Ion Ratio Lower Upper
122 100
105 150.0 103.2 143.2#
77 284.6 76.2 116.2#

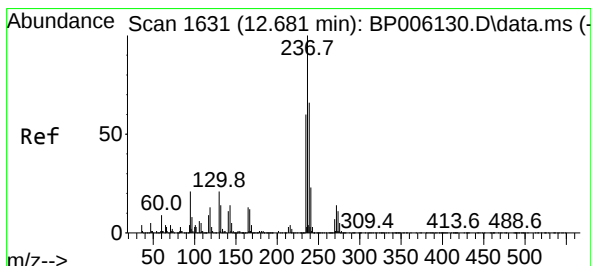
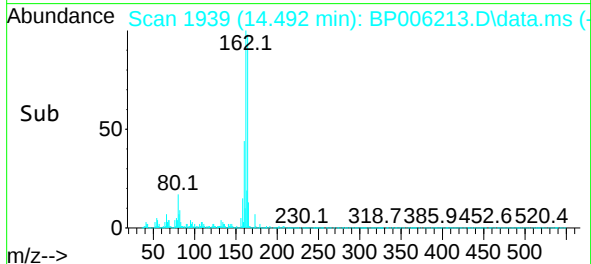
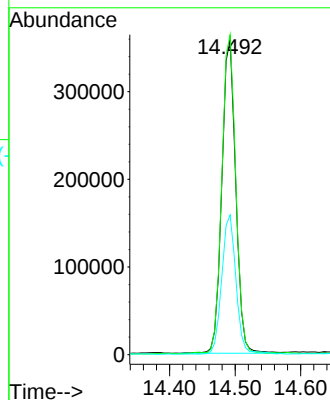
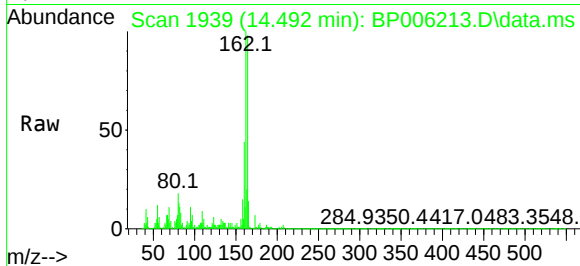




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

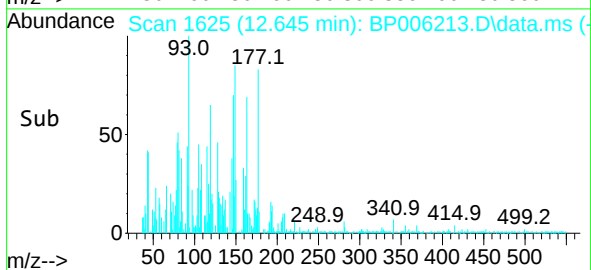
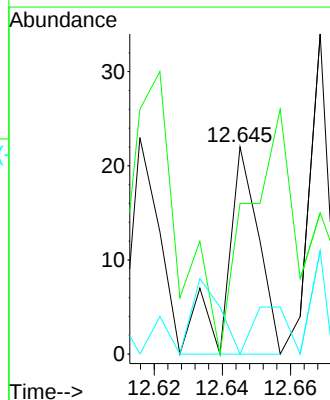
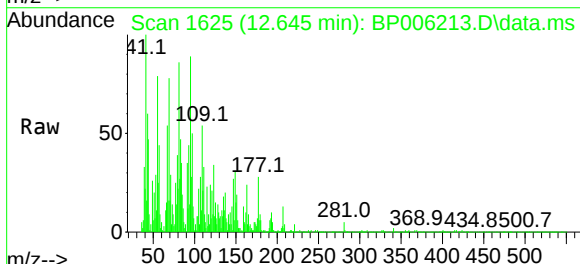
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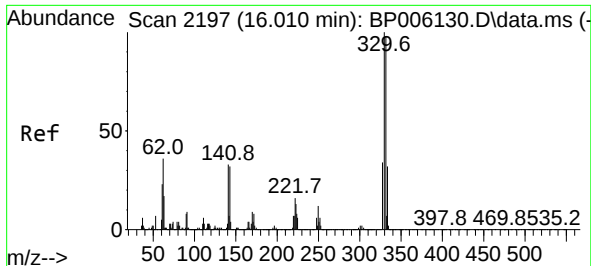
Tgt Ion:164 Resp: 524369
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.705 ng
RT: 12.645 min Scan# 1625
Delta R.T. -0.023 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

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

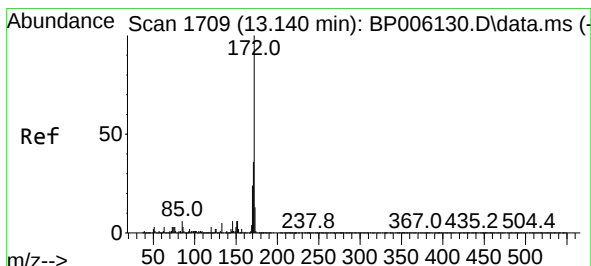
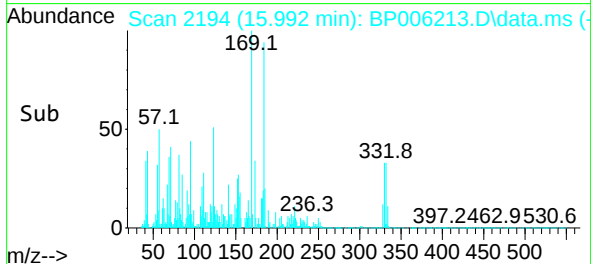
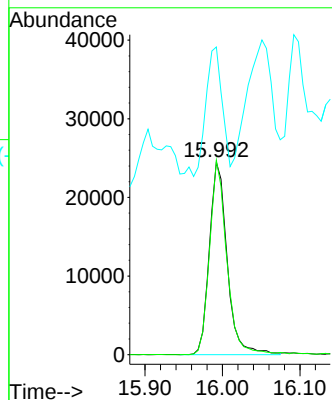
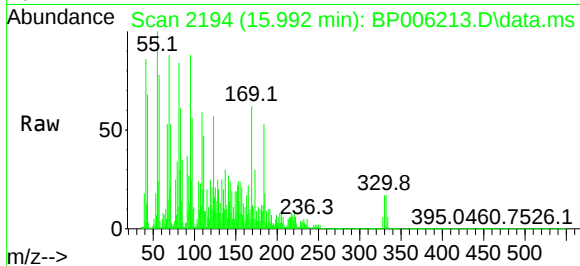




#42
2,4,6-Tribromophenol
Concen: 6.272 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

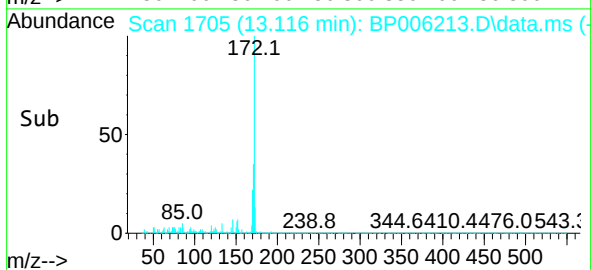
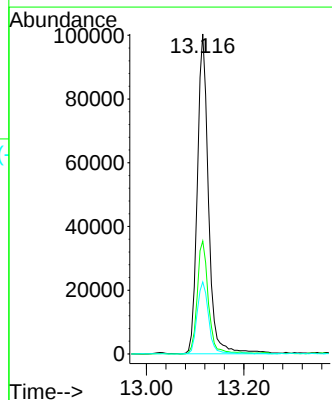
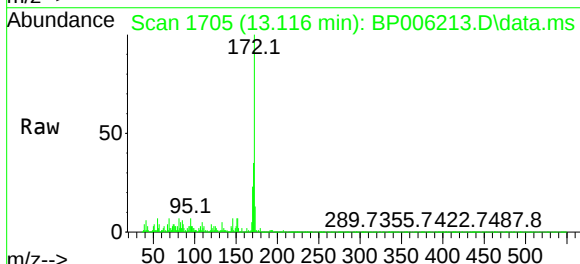
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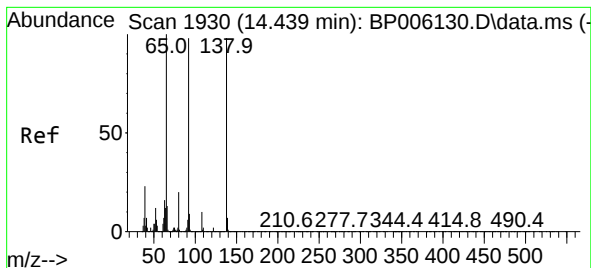
Tgt Ion: 330 Resp: 39155
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 61.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 4.522 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion: 172 Resp: 160398
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.5 18.6 27.8

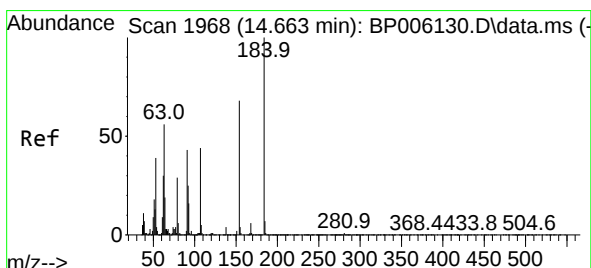
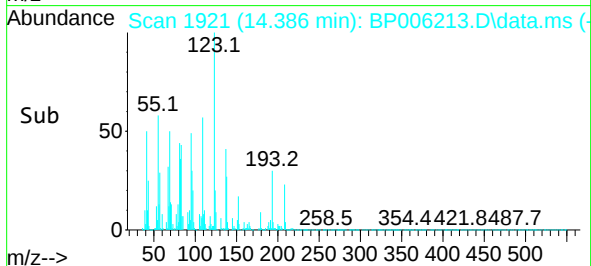
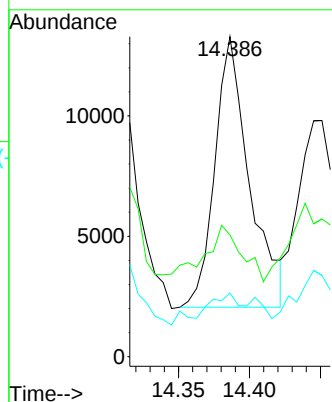
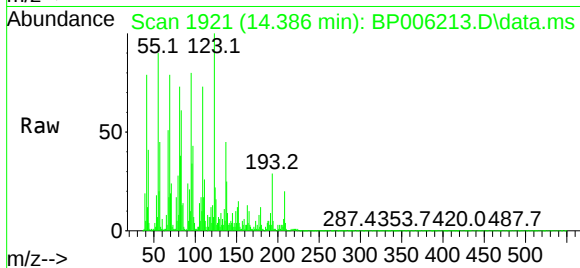




#53
3-Nitroaniline
Concen: 2.208 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.035 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

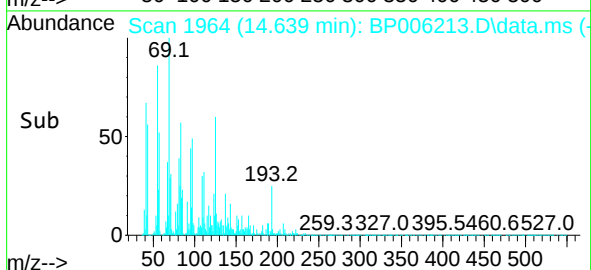
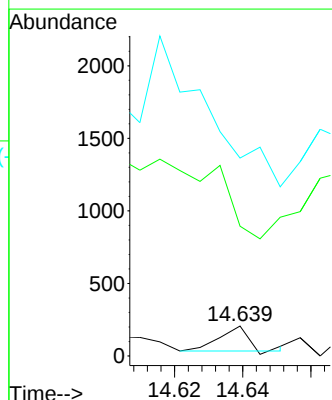
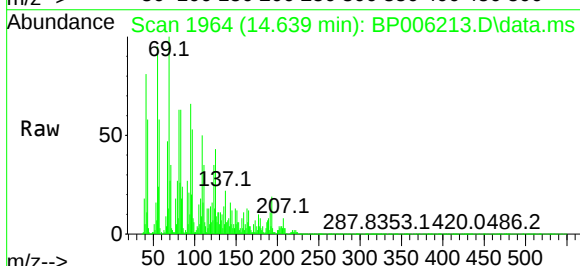
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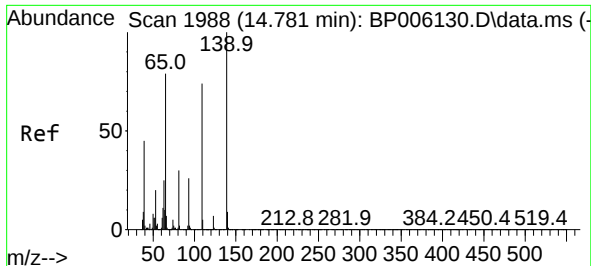
Tgt Ion:138 Resp: 19013
Ion Ratio Lower Upper
138 100
108 38.0 8.4 12.6#
92 19.9 87.8 131.8#



#54
2,4-Dinitrophenol
Concen: 8.901 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 434.5 47.0 70.6#
154 662.1 52.3 78.5#

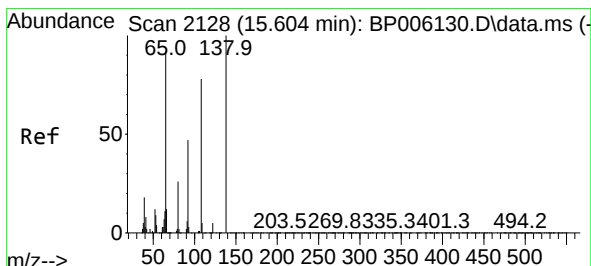
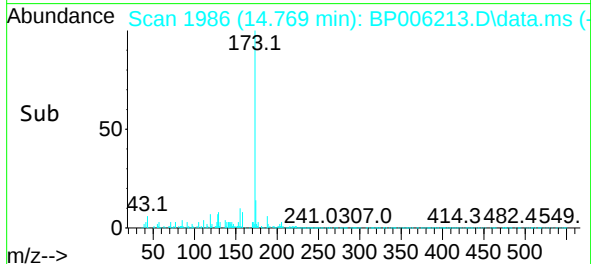
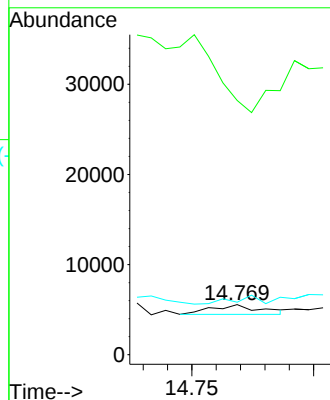
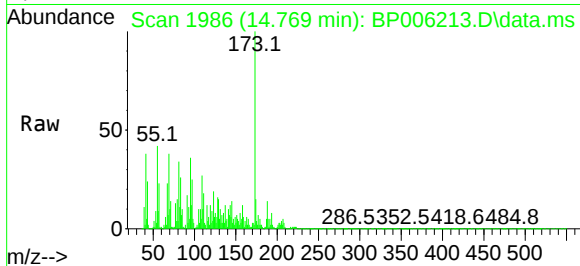




#56
4-Nitrophenol
Concen: 7.329 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

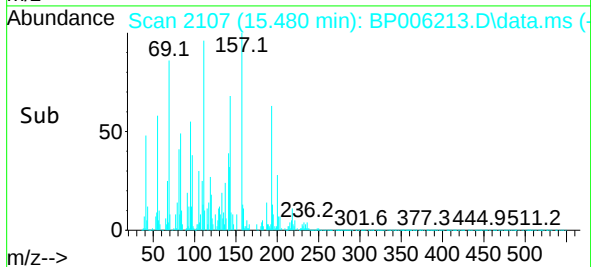
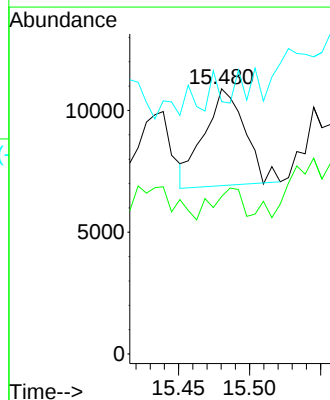
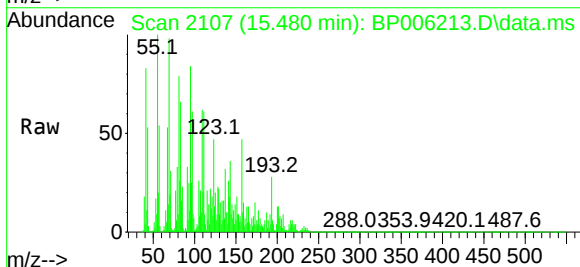
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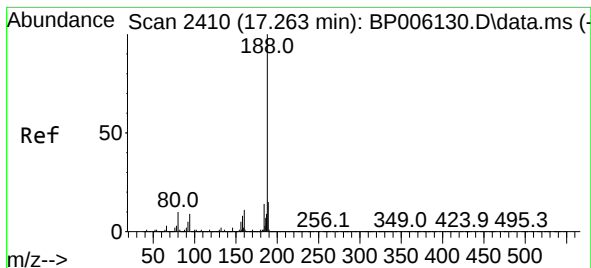
Tgt Ion:139 Resp: 1487
Ion Ratio Lower Upper
139 100
109 507.1 72.3 112.3#
65 104.7 72.5 112.5



#62
4-Nitroaniline
Concen: 3.806 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.112 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:138 Resp: 7947
Ion Ratio Lower Upper
138 100
92 59.4 31.2 71.2
108 95.2 78.6 118.6

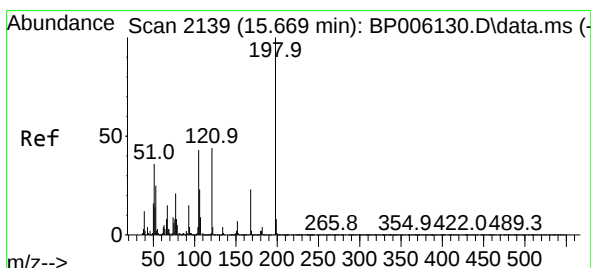
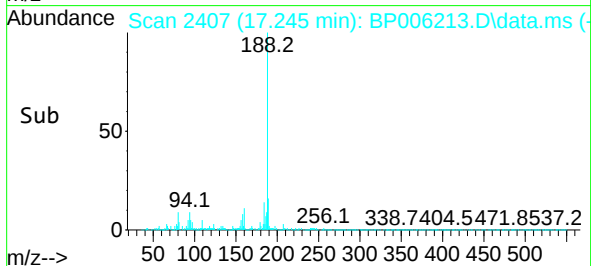
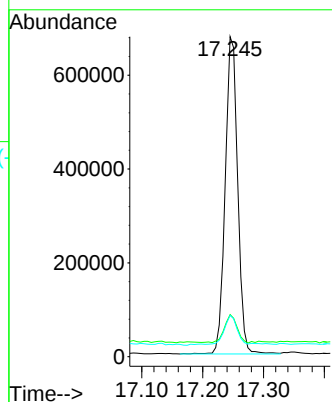
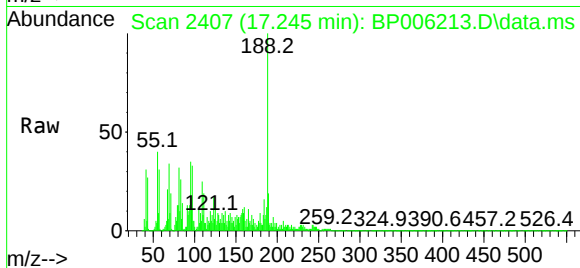




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

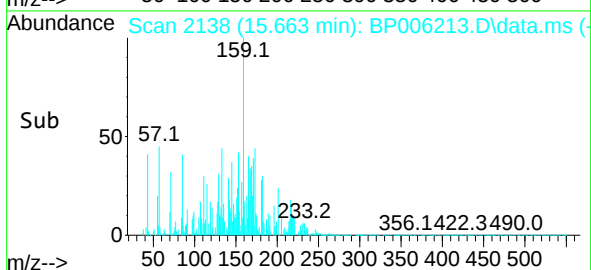
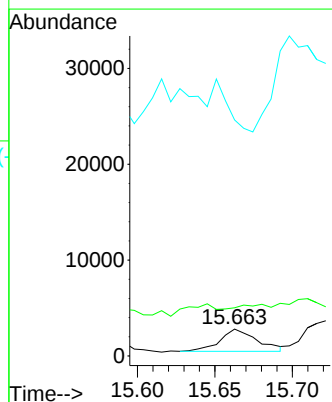
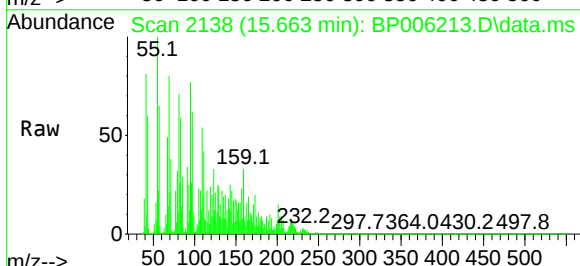
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

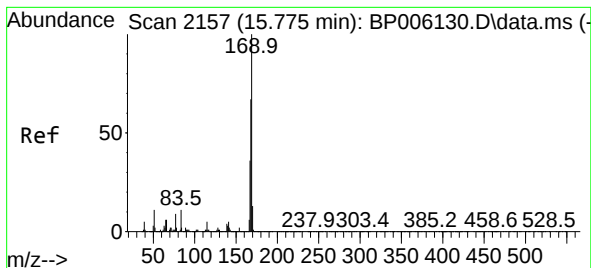
Tgt Ion:188 Resp: 964784
Ion Ratio Lower Upper
188 100
94 13.2 5.6 8.4#
80 12.9 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.970 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:198 Resp: 3826
Ion Ratio Lower Upper
198 100
51 179.3 14.0 54.0#
105 880.1 19.5 59.5#

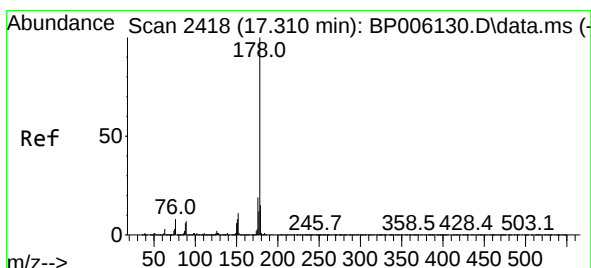
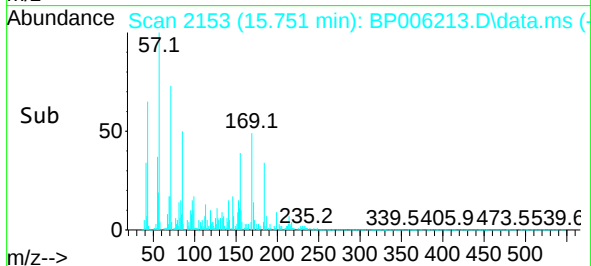
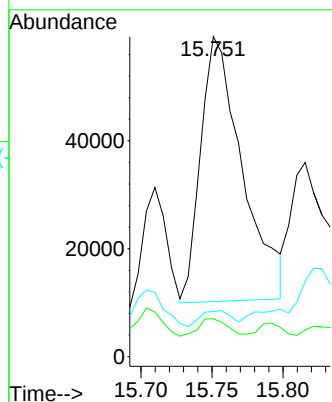
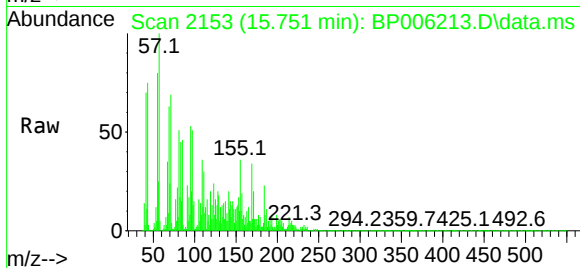




#66
n-Nitrosodiphenylamine
Concen: 3.190 ng
RT: 15.751 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

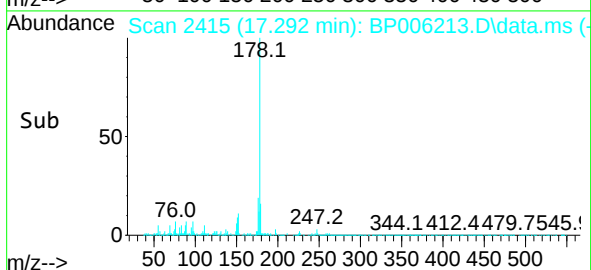
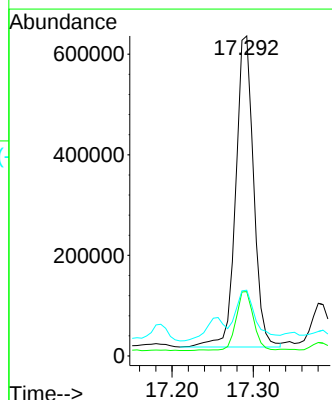
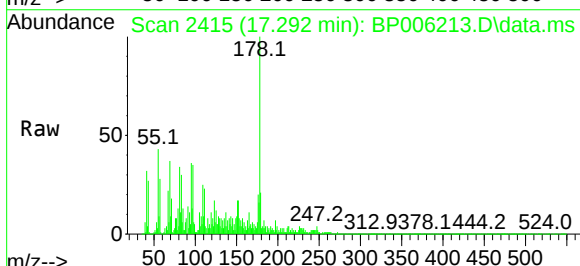
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

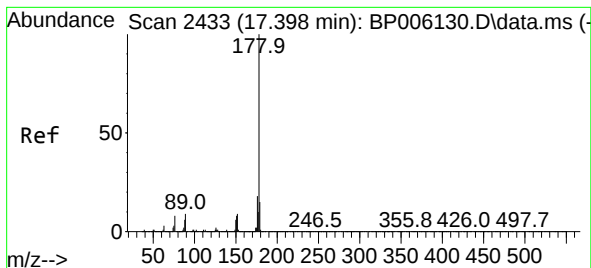
Tgt Ion:169 Resp: 100215
Ion Ratio Lower Upper
169 100
168 11.8 54.4 81.6#
167 14.1 29.0 43.6#



#71
Phenanthrene
Concen: 17.334 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:178 Resp: 944469
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 20.5 12.4 18.6#





#72

Anthracene

Concen: 2.276 ng

RT: 17.380 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

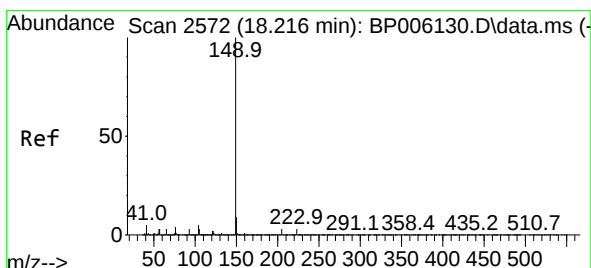
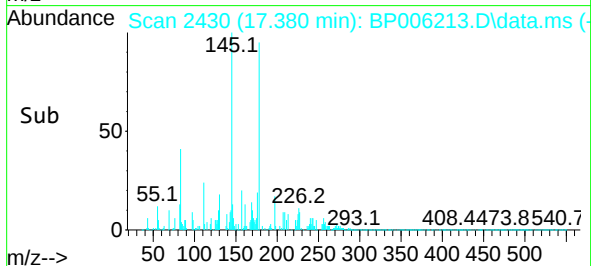
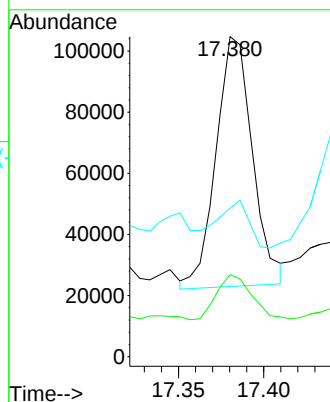
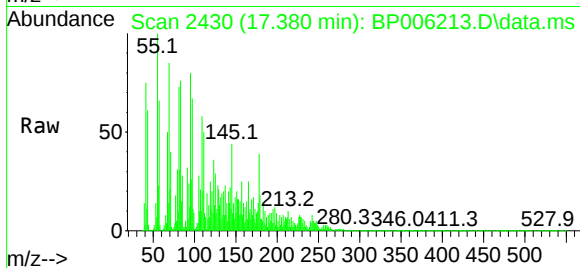
Instrument :

BNA_P

ClientSampleId :

CHRT-25720DL

Tgt Ion:178	Resp:	121506
Ion Ratio	Lower	Upper
178	100	
176	25.6	14.9 22.3#
179	46.4	12.2 18.2#



#74

Di-n-butylphthalate

Concen: 2.367 ng

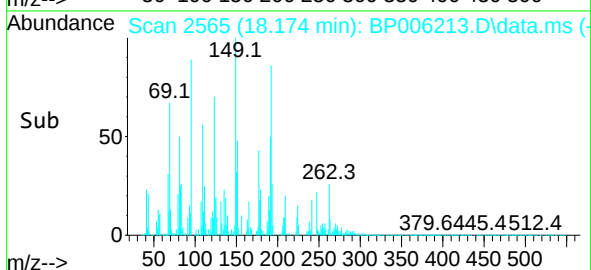
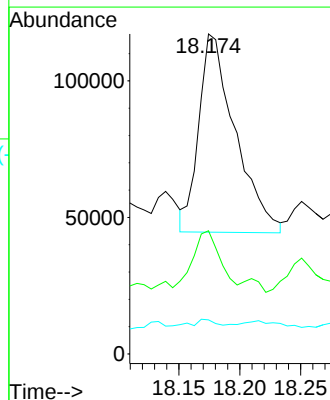
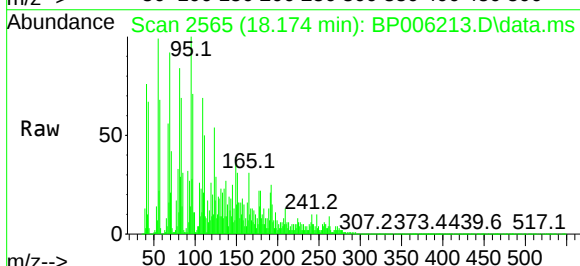
RT: 18.174 min Scan# 2565

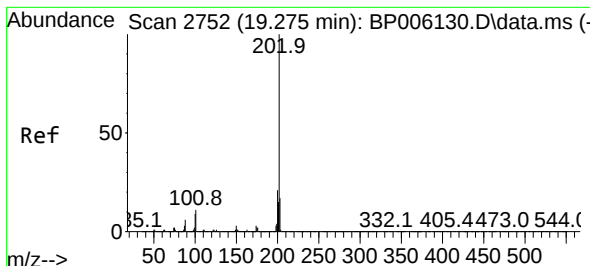
Delta R.T. -0.023 min

Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

Tgt Ion:149	Resp:	150714
Ion Ratio	Lower	Upper
149	100	
150	38.5	7.3 10.9#
104	10.7	4.5 6.7#

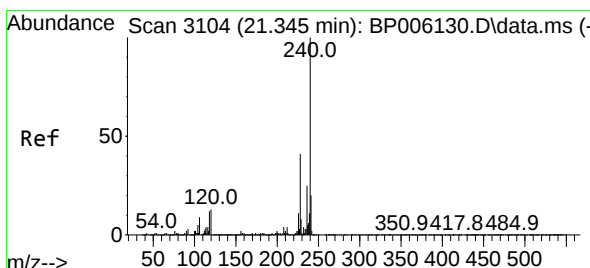
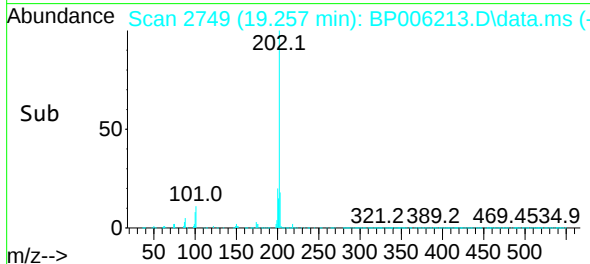
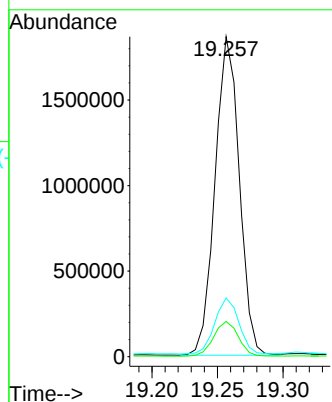
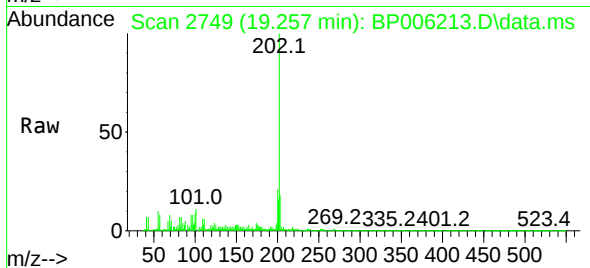




#75
Fluoranthene
Concen: 40.106 ng
RT: 19.257 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

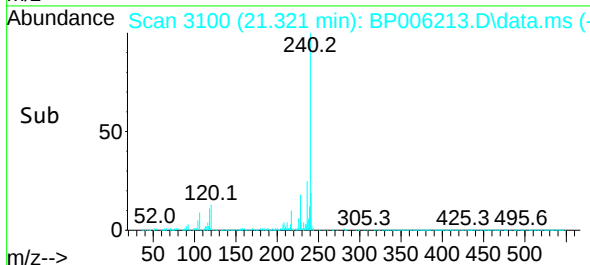
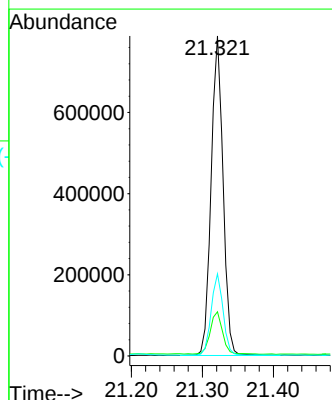
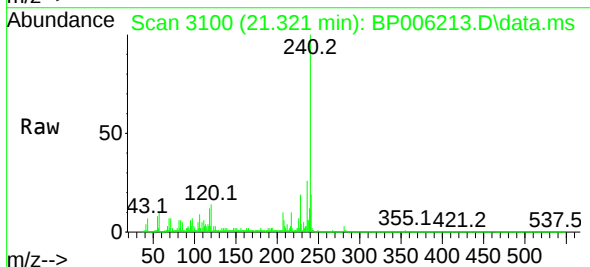
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

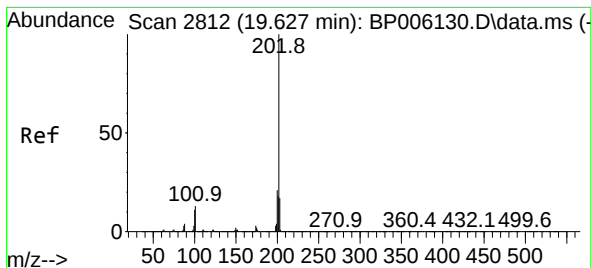
Tgt Ion:202 Resp: 2395048
Ion Ratio Lower Upper
202 100
101 11.0 0.0 27.6
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:240 Resp: 921681
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.7 20.6 31.0





#78

Pyrene

Concen: 31.270 ng

RT: 19.610 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

Instrument :

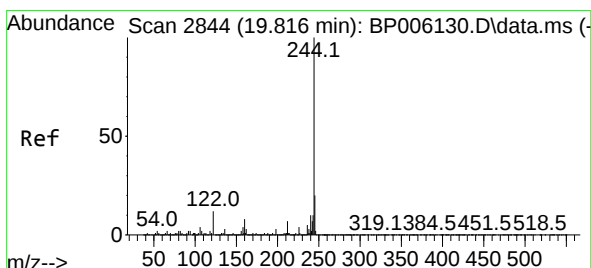
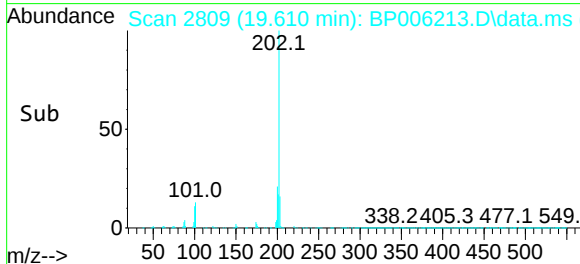
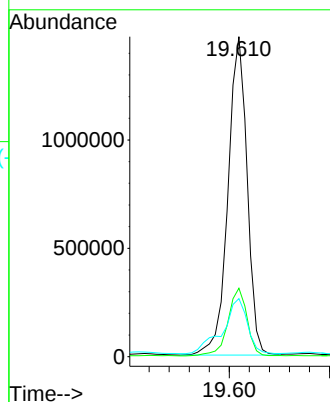
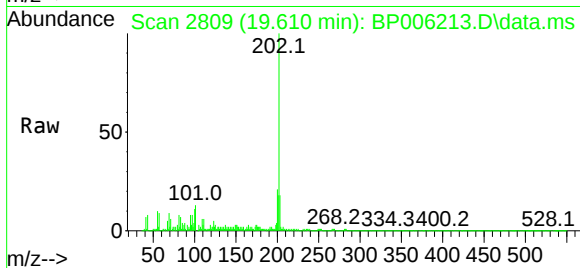
BNA_P

ClientSampleId :

CHRT-25720DL

Tgt Ion:202 Resp: 1948039

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	18.1	14.2	21.2



#79

Terphenyl-d14

Concen: 4.694 ng

RT: 19.792 min Scan# 2840

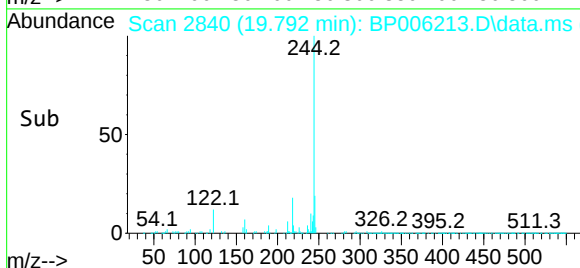
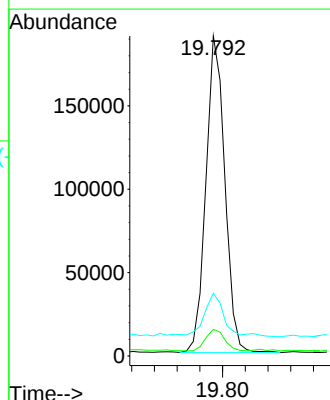
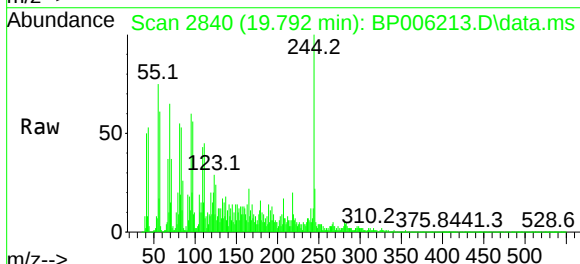
Delta R.T. -0.012 min

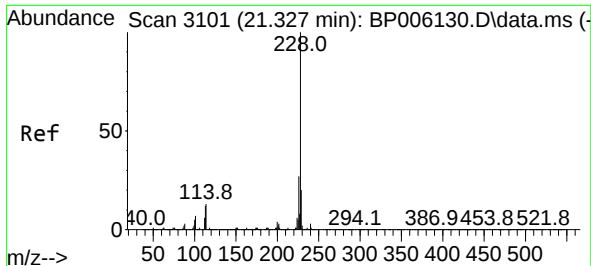
Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

Tgt Ion:244 Resp: 219414

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	19.6	7.1	10.7

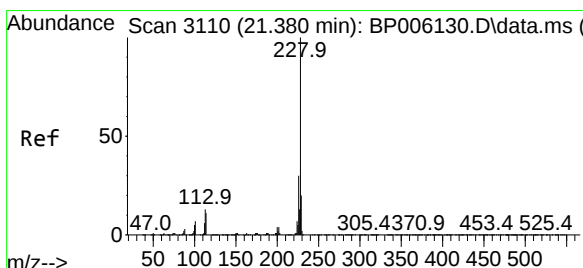
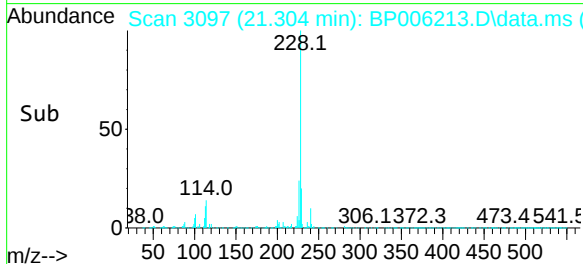
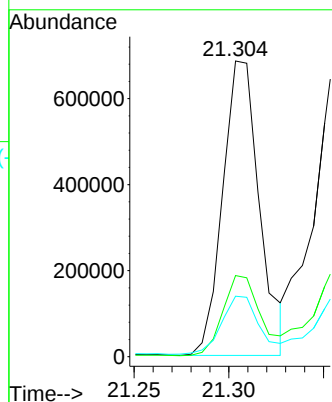
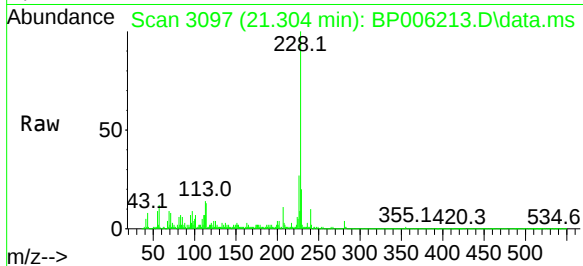




#81
Benzo(a)anthracene
Concen: 15.861 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

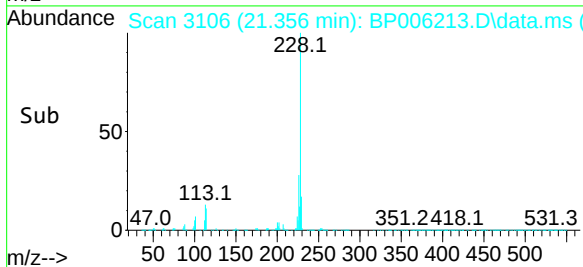
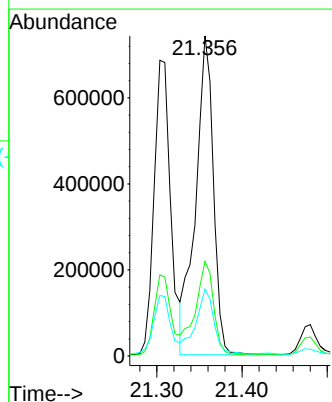
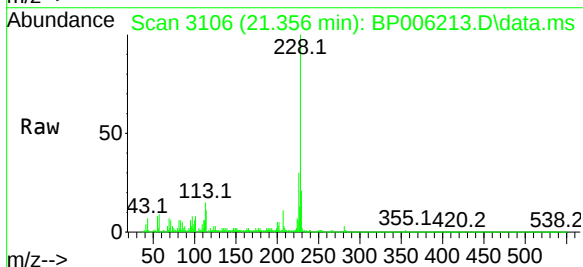
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

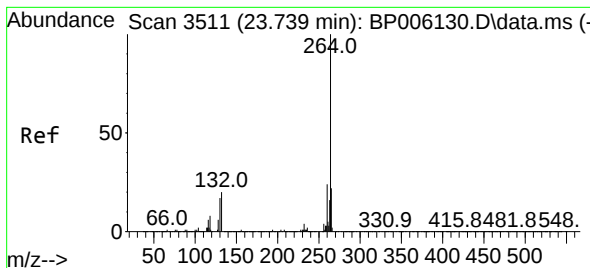
Tgt Ion:228 Resp: 924601
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.5 15.8 23.6



#83
Chrysene
Concen: 18.662 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:228 Resp: 1075093
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 20.9 15.4 23.2

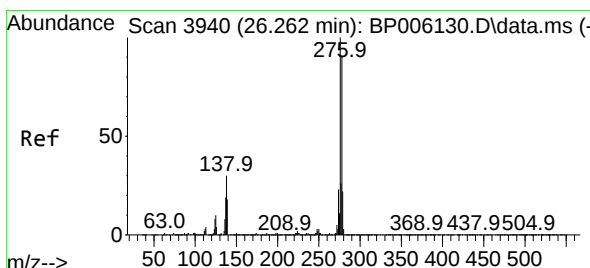
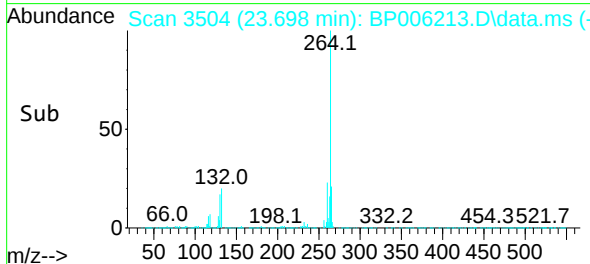
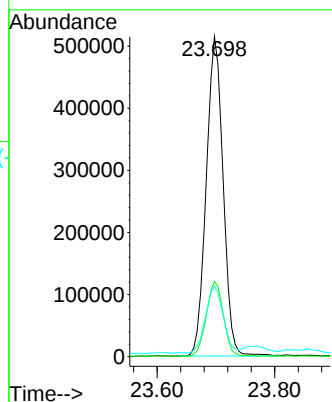
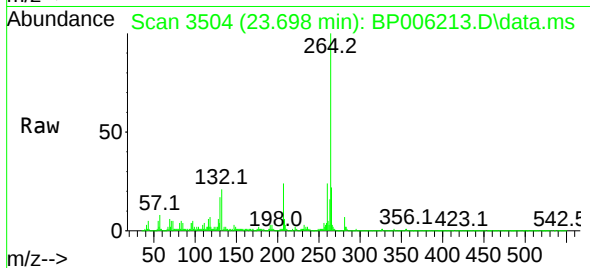




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.018 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

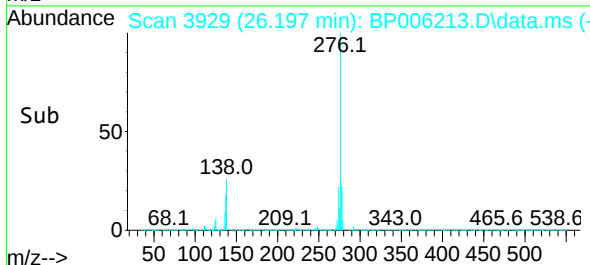
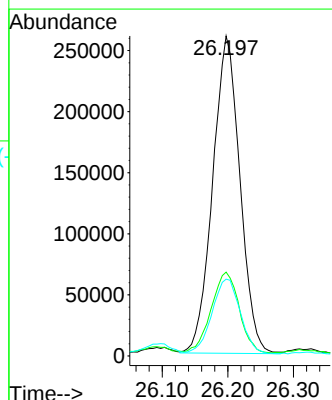
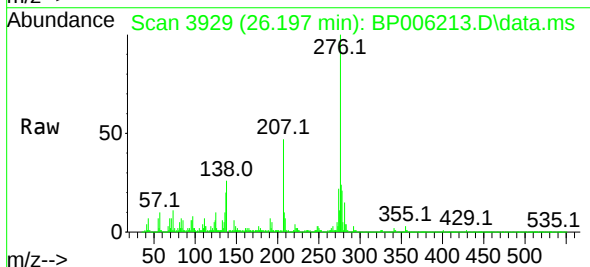
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

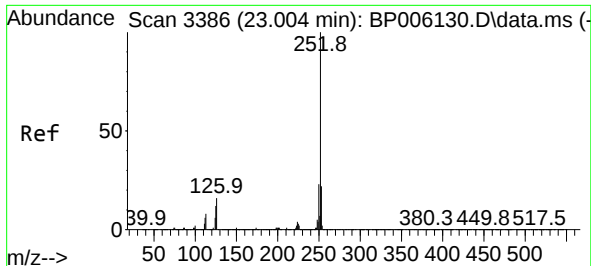
Tgt Ion:264 Resp: 1027050
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.0 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.902 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:276 Resp: 749793
Ion Ratio Lower Upper
276 100
138 26.1 15.3 22.9#
277 24.5 20.4 30.6

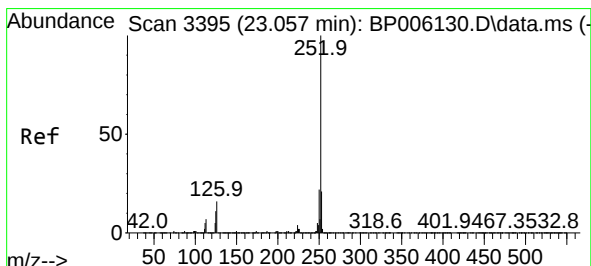
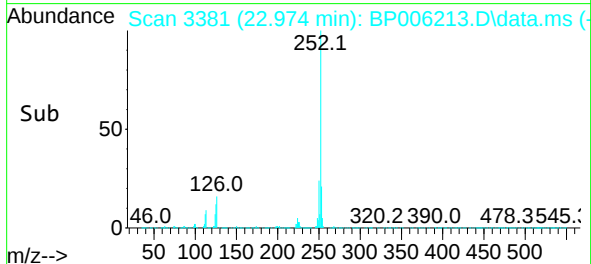
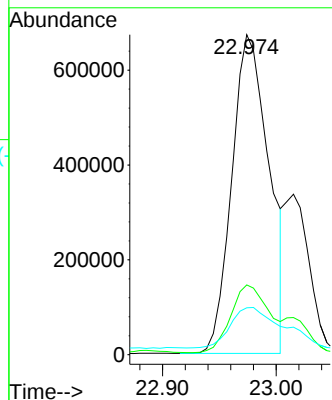
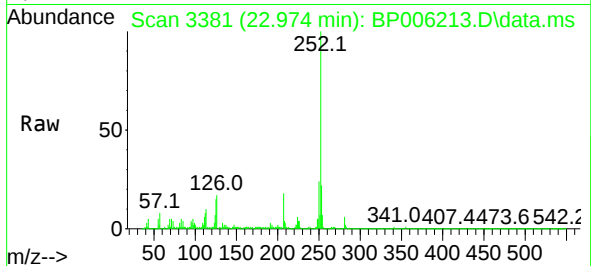




#88
Benzo(b)fluoranthene
Concen: 24.560 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

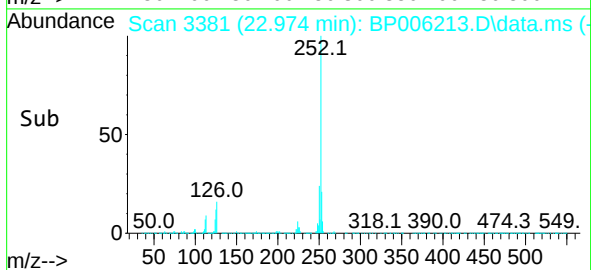
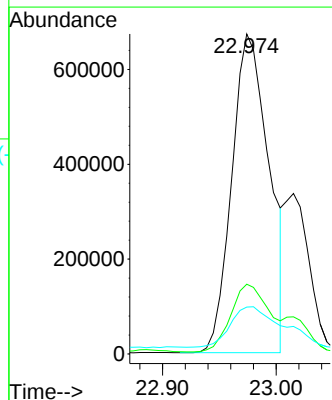
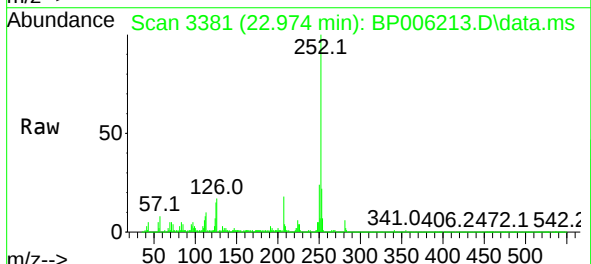
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

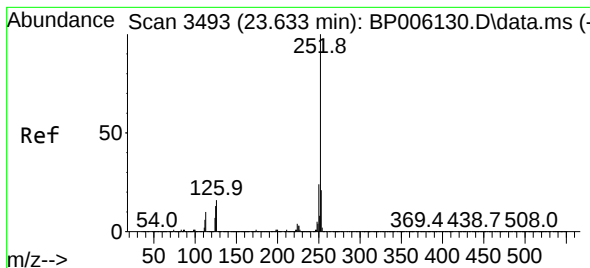
Tgt Ion:252 Resp: 1530106
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 25.127 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.059 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:252 Resp: 1530106
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 14.7 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 15.559 ng

RT: 23.592 min Scan# 3486

Delta R.T. -0.018 min

Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

Instrument :

BNA_P

ClientSampleId :

CHRT-25720DL

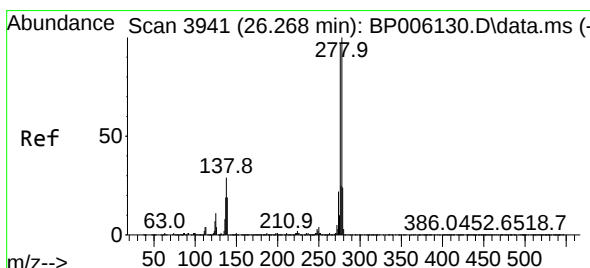
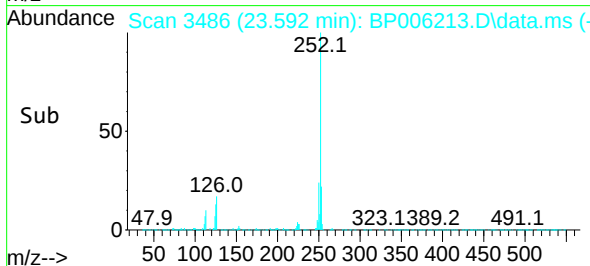
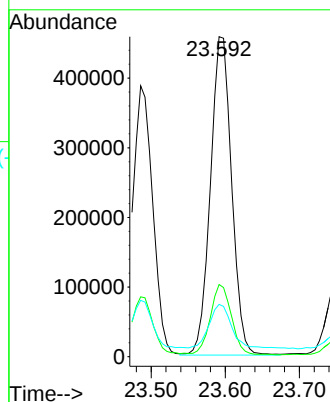
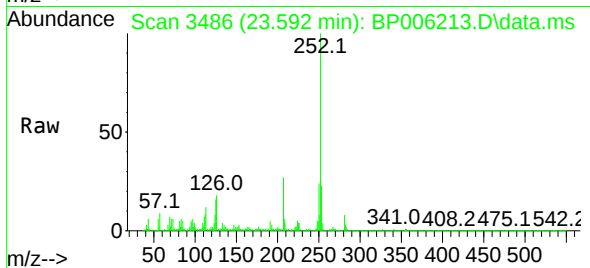
Tgt Ion:252 Resp: 909629

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 16.3 6.5 9.7#



#91

Dibenzo(a,h)anthracene

Concen: 2.976 ng

RT: 26.197 min Scan# 3929

Delta R.T. -0.041 min

Lab File: BP006213.D

Acq: 13 Jul 2021 22:16

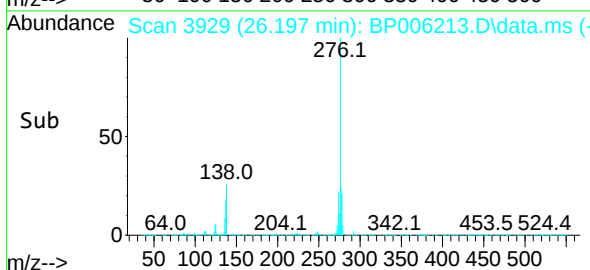
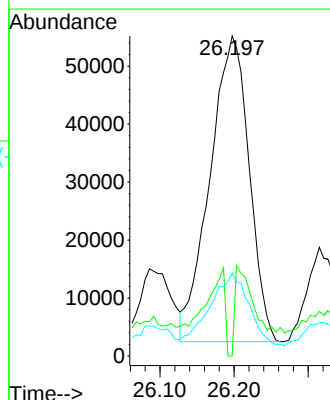
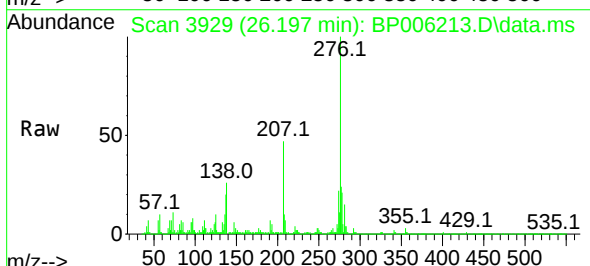
Tgt Ion:278 Resp: 194065

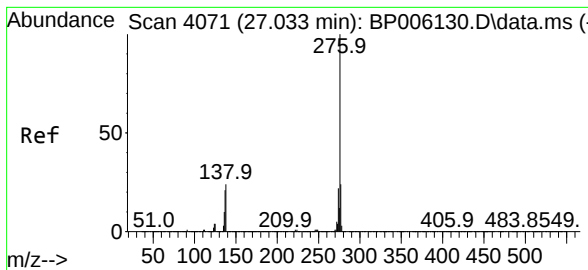
Ion Ratio Lower Upper

278 100

139 0.0 9.3 13.9#

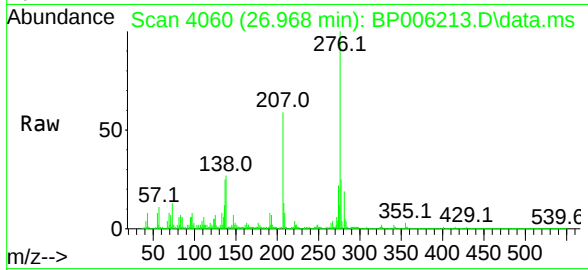
279 25.9 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 11.355 ng
 RT: 26.968 min Scan# 4060
 Delta R.T. -0.035 min
 Lab File: BP006213.D
 Acq: 13 Jul 2021 22:16

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720DL



Tgt Ion:276 Resp: 728627
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.9 28.3
 138 26.8 12.6 18.8#

