

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009409.D
 Acq On : 15 Mar 2022 21:20
 Operator : CG/JU
 Sample : N1944-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27154

Quant Time: Mar 16 01:58:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

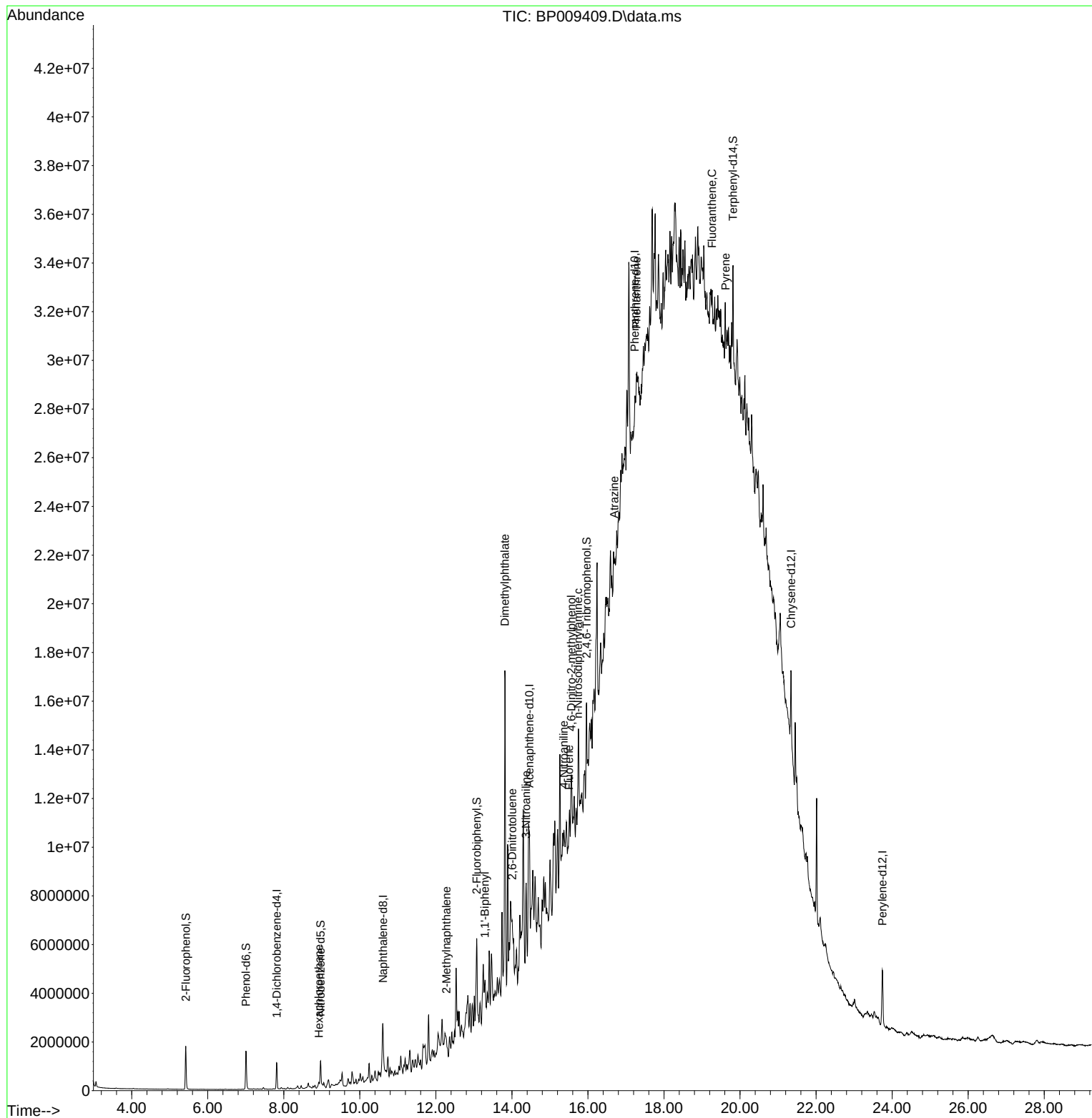
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	342259	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1342974	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	803587	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1536638	20.000	ng	# 0.01
76) Chrysene-d12	21.345	240	1767556	20.000	ng	0.02
86) Perylene-d12	23.745	264	1968019	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	912314	38.909	ng	0.01
7) Phenol-d6	7.005	99	1107755	37.177	ng	0.02
23) Nitrobenzene-d5	8.969	82	716358	29.380	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	602794	62.122	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1730320	29.612	ng	-0.01
79) Terphenyl-d14	19.816	244	2858988	30.524	ng	0.02
Target Compounds						
						Qvalue
18) Hexachloroethane	8.922	117	21180	2.120	ng	# 1
37) 2-Methylnaphthalene	12.275	142	116604	2.207	ng	# 90
46) 1,1'-Biphenyl	13.287	154	288911	4.404	ng	96
50) Dimethylphthalate	13.816	163	916044	15.456	ng	# 94
51) 2,6-Dinitrotoluene	14.010	165	56406	4.819	ng	# 53
53) 3-Nitroaniline	14.375	138	67568	5.435	ng	# 46
58) Fluorene	15.498	166	140042	2.399	ng	# 25
62) 4-Nitroaniline	15.363	138	129219	10.718	ng	94
65) 4,6-Dinitro-2-methylph...	15.563	198	15656	2.316	ng	# 1
66) n-Nitrosodiphenylamine	15.739	169	119577	2.479	ng	# 62
69) Atrazine	16.692	200	97185	5.724	ng	# 1
71) Phenanthrene	17.275	178	266858	3.022	ng	# 1
75) Fluoranthene	19.263	202	270664	2.655	ng	# 47
78) Pyrene	19.622	202	369631	3.097	ng	# 55

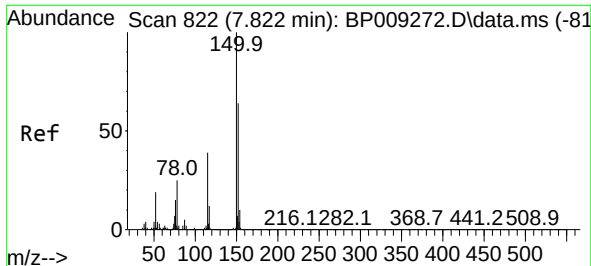
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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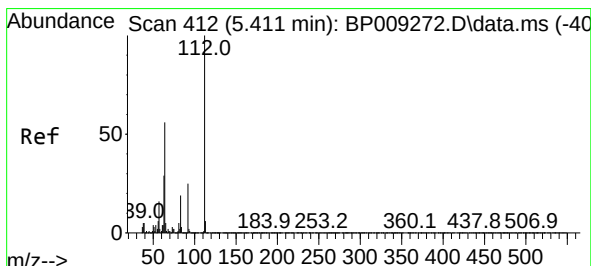
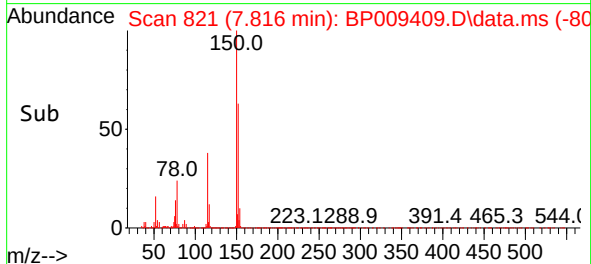
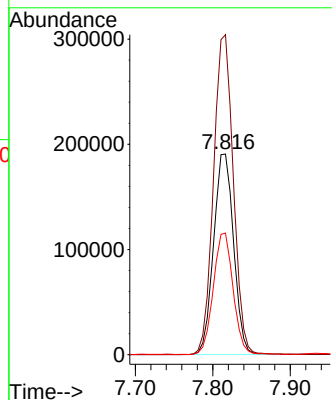
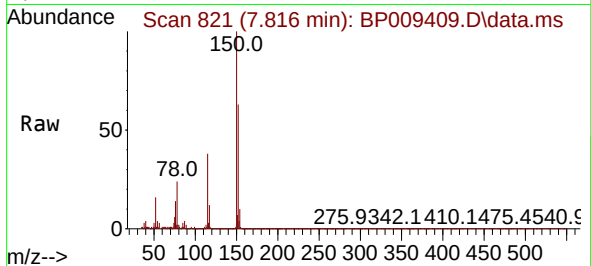




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

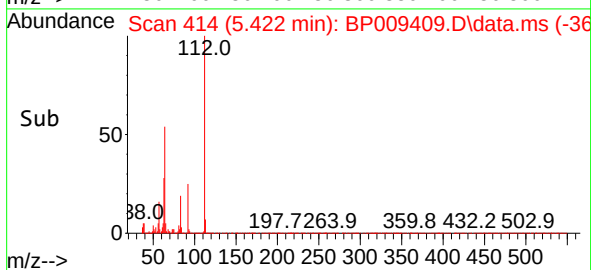
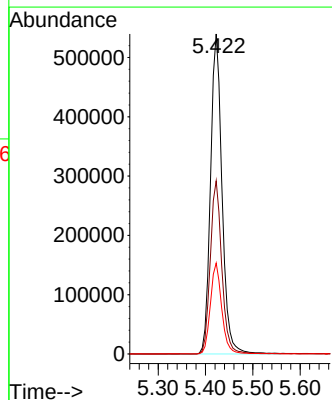
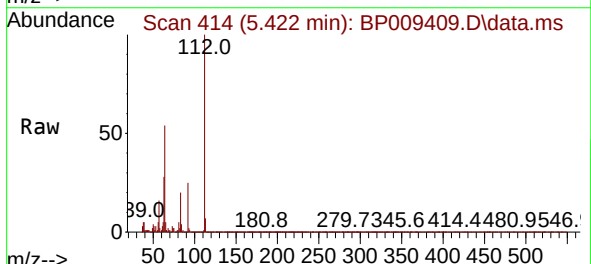
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

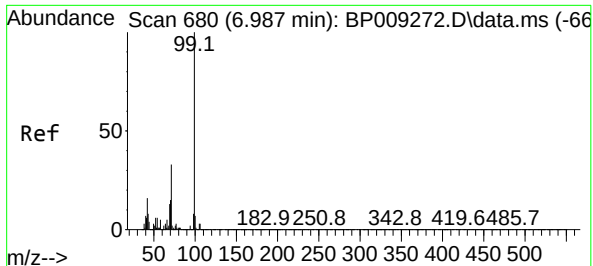
Tgt Ion:152 Resp: 342259
Ion Ratio Lower Upper
152 100
150 159.4 124.5 186.7
115 60.6 48.2 72.4



#5
2-Fluorophenol
Concen: 38.909 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:112 Resp: 912314
Ion Ratio Lower Upper
112 100
64 54.1 45.0 67.4
63 28.4 23.0 34.6

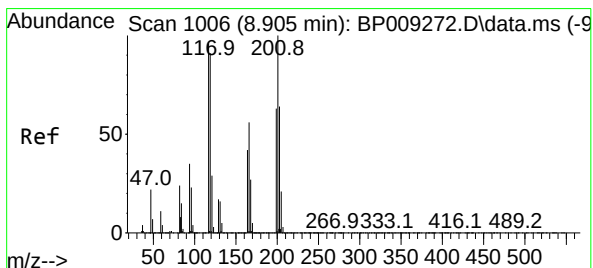
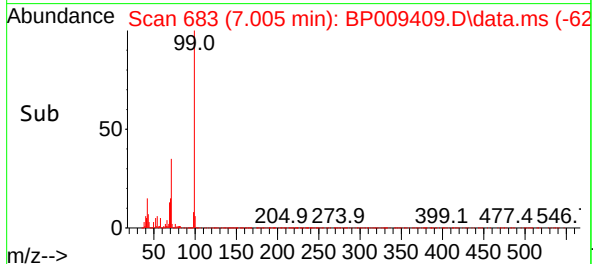
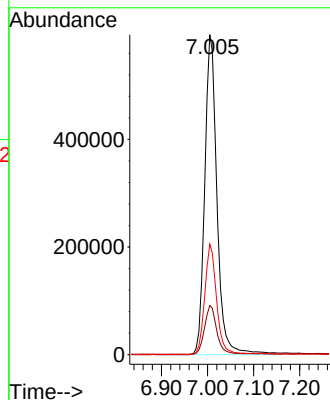
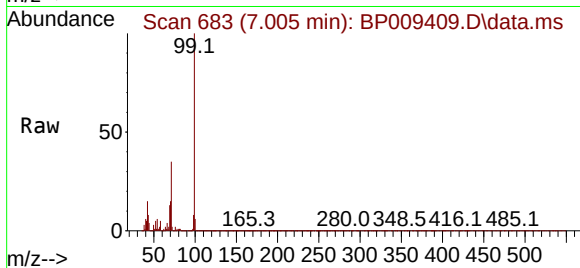




#7
Phenol-d6
Concen: 37.177 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

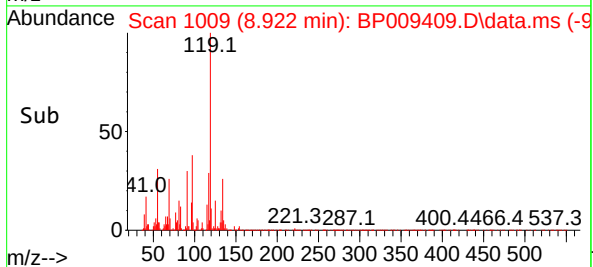
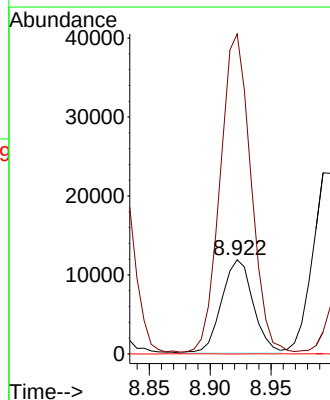
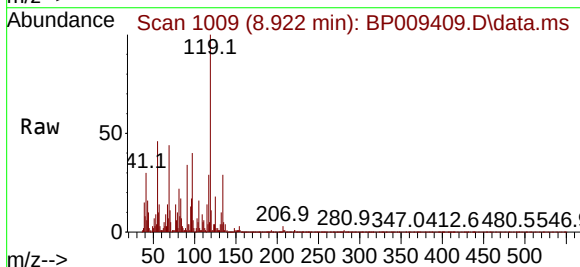
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

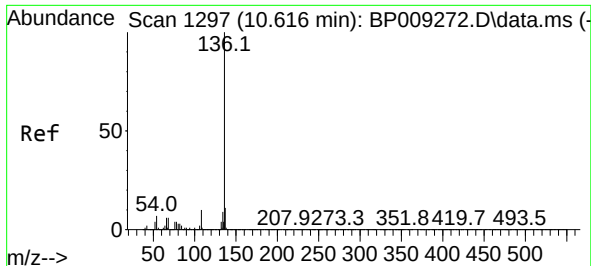
Tgt Ion: 99 Resp: 1107755
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 34.5 26.3 39.5



#18
Hexachloroethane
Concen: 2.120 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.018 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion: 117 Resp: 21180
Ion Ratio Lower Upper
117 100
119 339.3 76.4 114.6#
201 0.0 83.4 125.2#



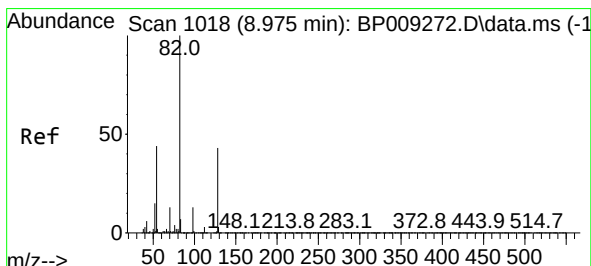
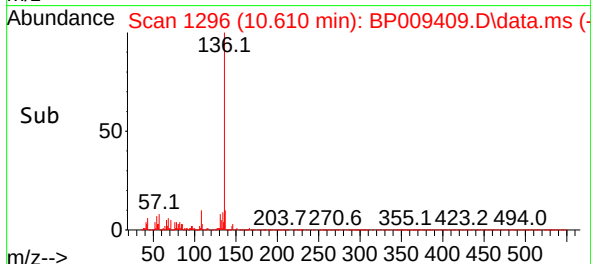
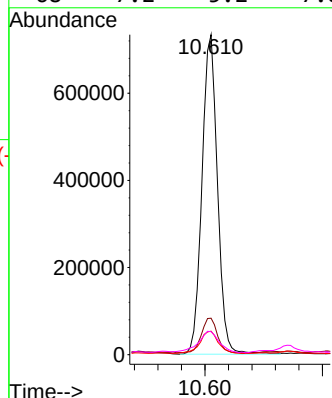
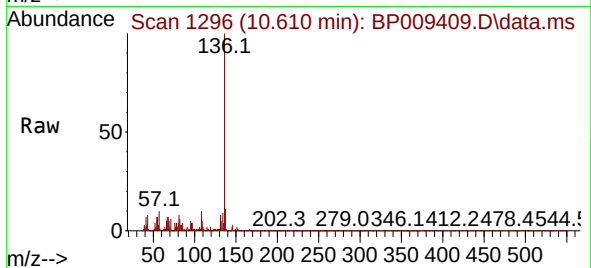


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Instrument :
BNA_P
ClientSampleId :
CHRT-27154

Tgt Ion:136 Resp: 1342974

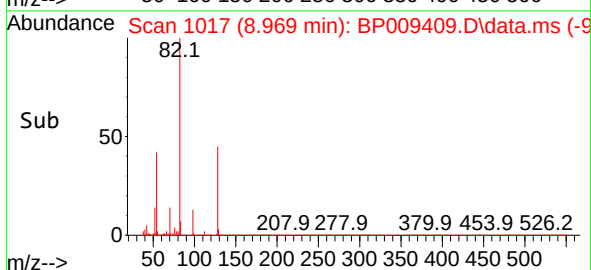
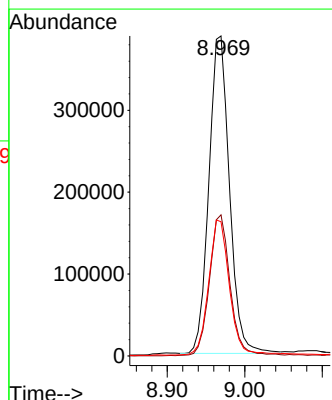
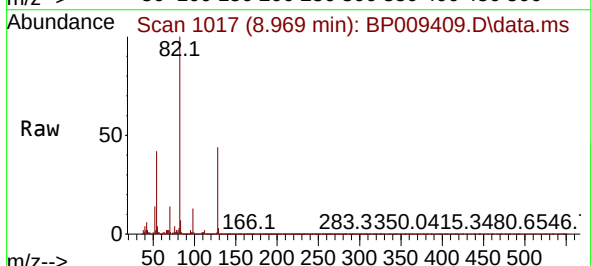
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.3	5.8	8.8
68	7.2	5.2	7.8

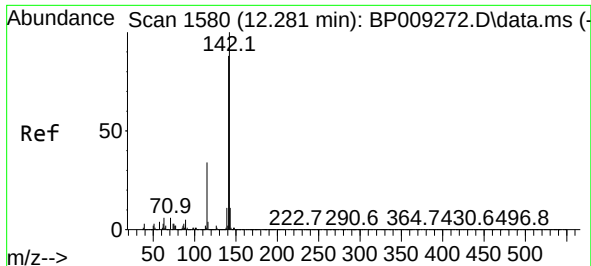


#23
Nitrobenzene-d5
Concen: 29.380 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion: 82 Resp: 716358

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.4
54	42.0	34.7	52.1

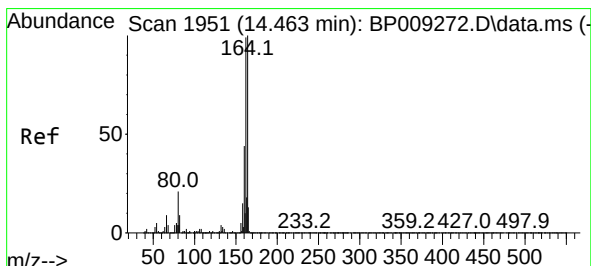
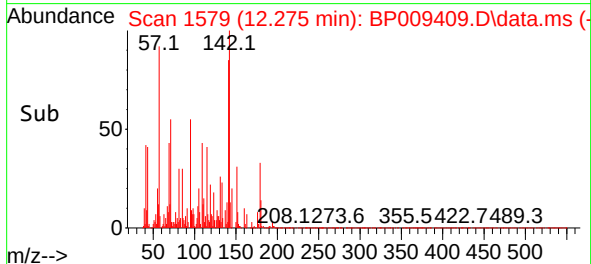
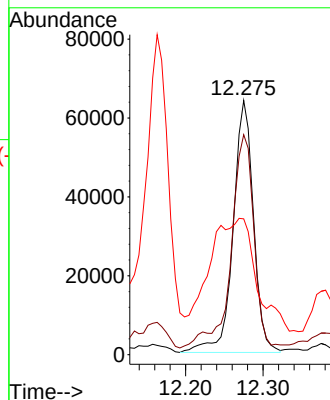
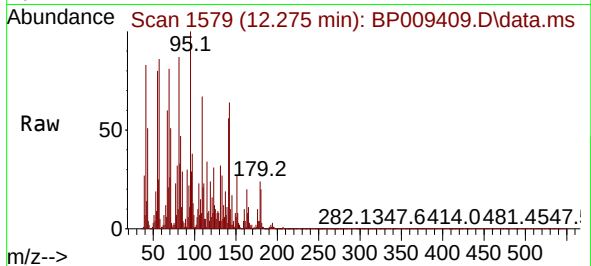




#37
2-Methylnaphthalene
Concen: 2.207 ng
RT: 12.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

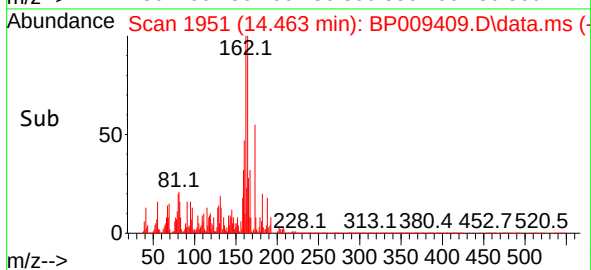
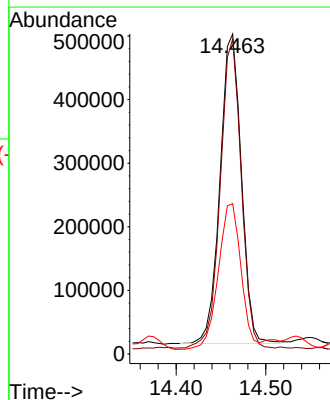
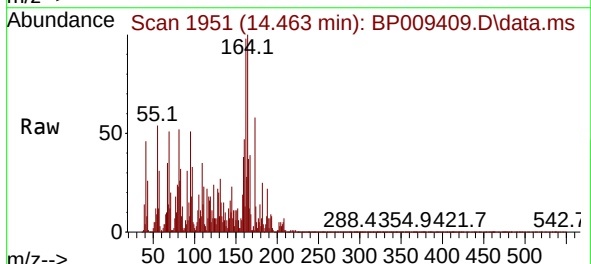
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

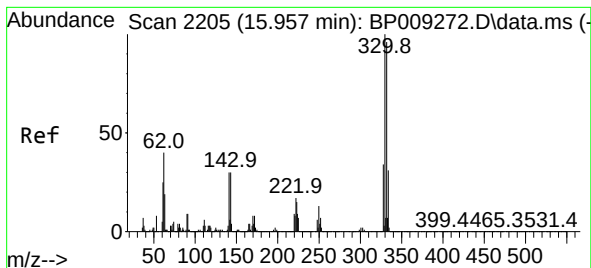
Tgt Ion:142 Resp: 116604
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.4
115 53.4 27.4 41.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:164 Resp: 803587
Ion Ratio Lower Upper
164 100
162 98.5 79.1 118.7
160 46.9 34.9 52.3

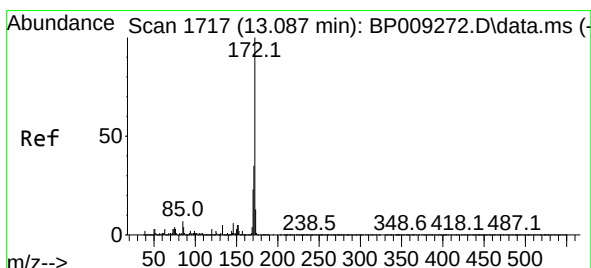
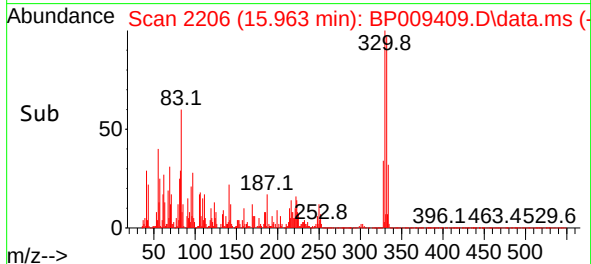
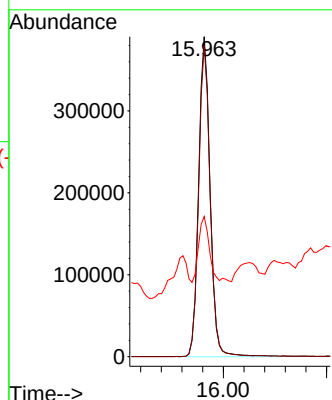
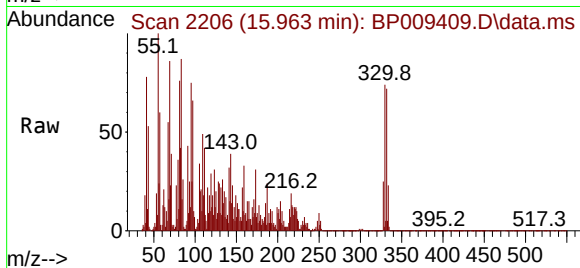




#42
2,4,6-Tribromophenol
Concen: 62.122 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

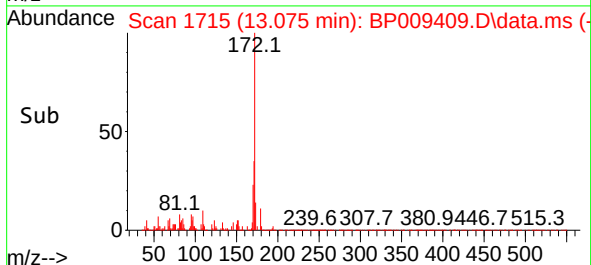
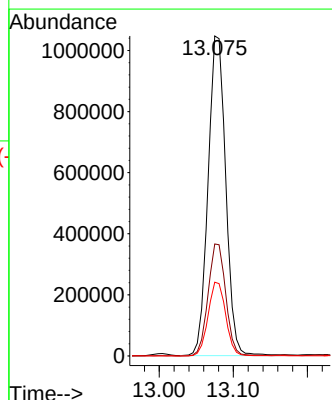
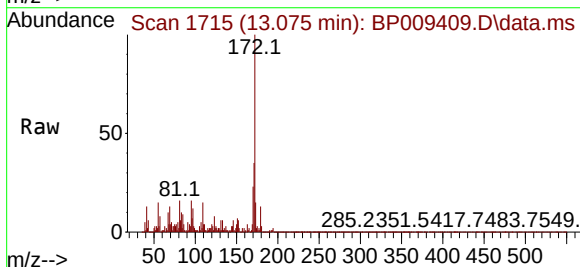
Instrument :
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ClientSampleId :
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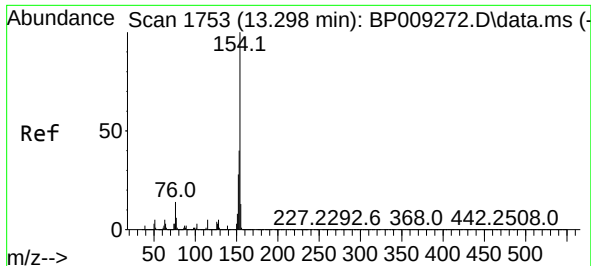
Tgt Ion:330 Resp: 602794
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 19.3 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 29.612 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:172 Resp: 1730320
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.0 18.6 27.8

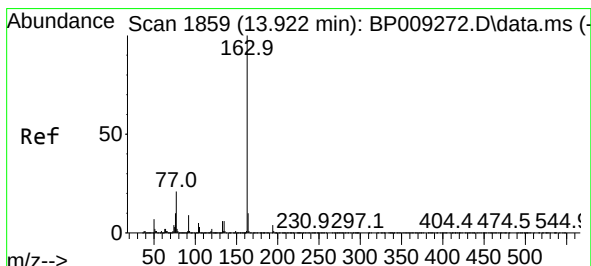
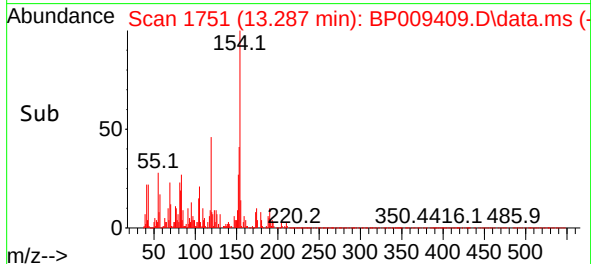
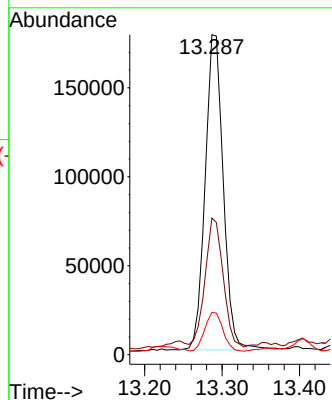
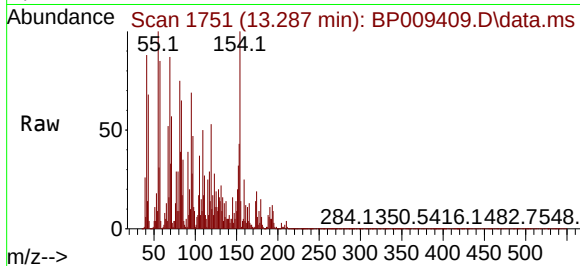




#46
1,1'-Biphenyl
Concen: 4.404 ng
RT: 13.287 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

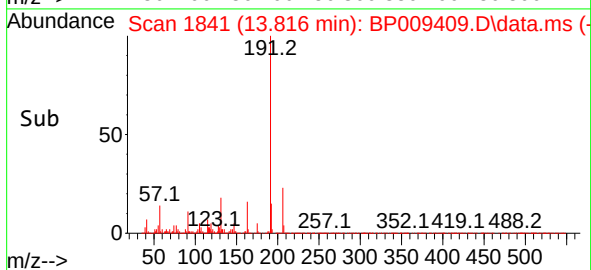
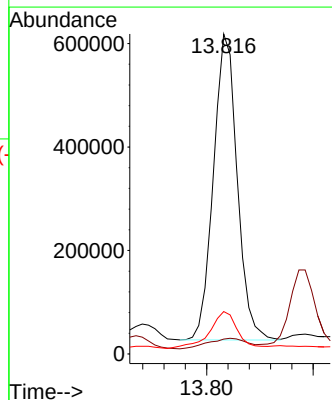
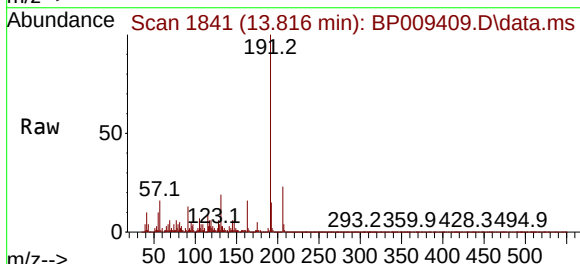
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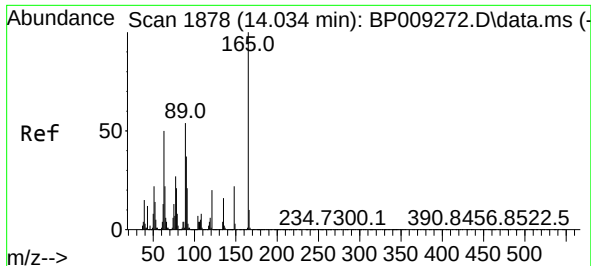
Tgt Ion:154 Resp: 288911
Ion Ratio Lower Upper
154 100
153 42.7 20.2 60.2
76 13.2 0.0 34.0



#50
Dimethylphthalate
Concen: 15.456 ng
RT: 13.816 min Scan# 1841
Delta R.T. -0.106 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:163 Resp: 916044
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 13.3 8.2 12.2#

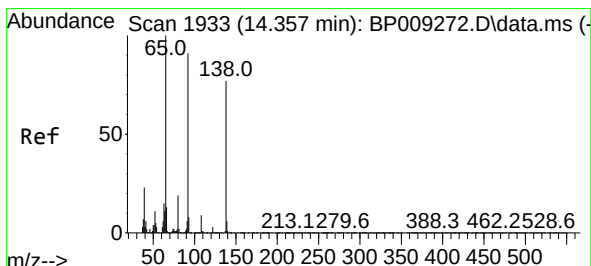
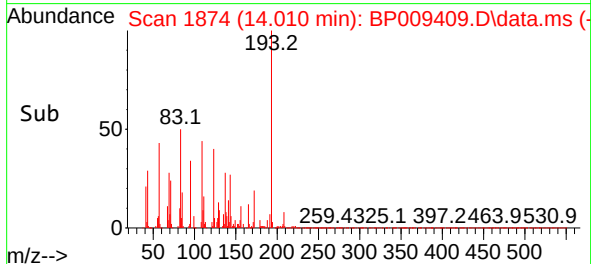
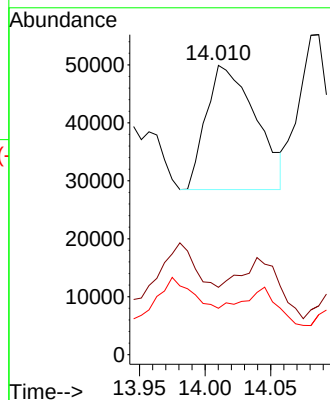
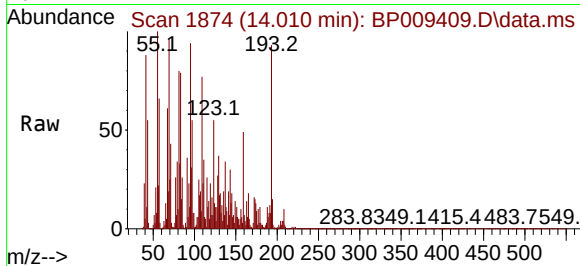




#51
2,6-Dinitrotoluene
Concen: 4.819 ng
RT: 14.010 min Scan# 1878
Delta R.T. -0.024 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

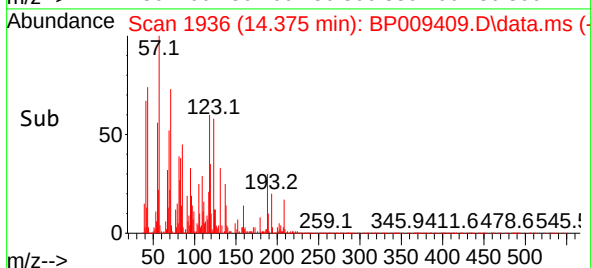
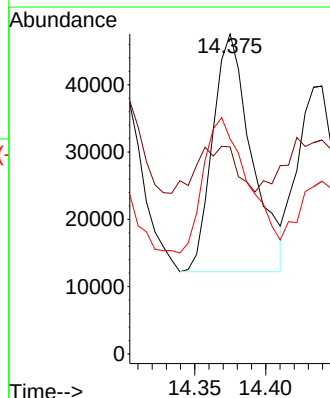
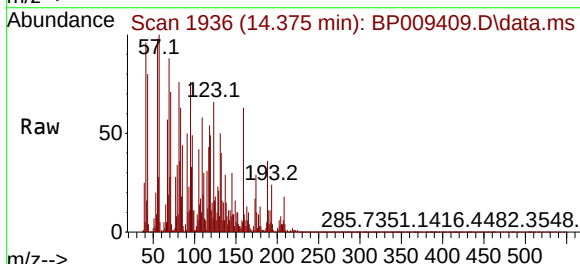
Instrument :
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CHRT-27154

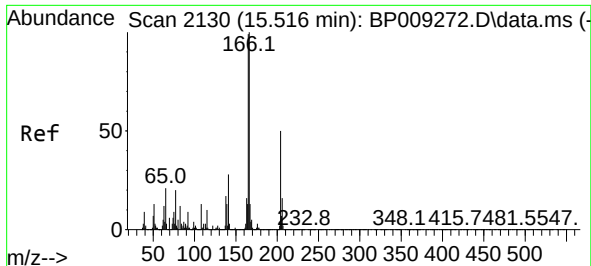
Tgt Ion:165 Resp: 56406
Ion Ratio Lower Upper
165 100
63 23.3 40.9 61.3#
89 16.0 43.4 65.2#



#53
3-Nitroaniline
Concen: 5.435 ng
RT: 14.375 min Scan# 1936
Delta R.T. 0.018 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:138 Resp: 67568
Ion Ratio Lower Upper
138 100
108 64.7 9.7 14.5#
92 67.2 94.4 141.6#

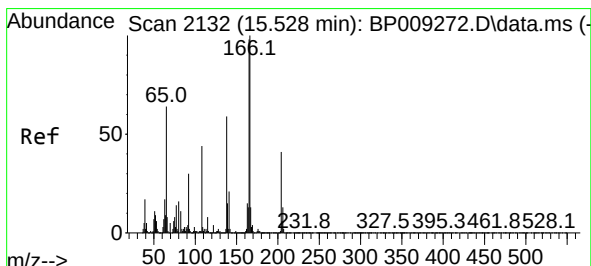
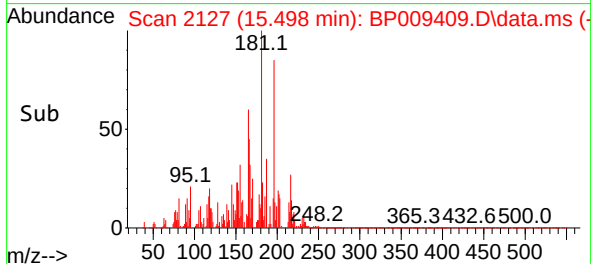
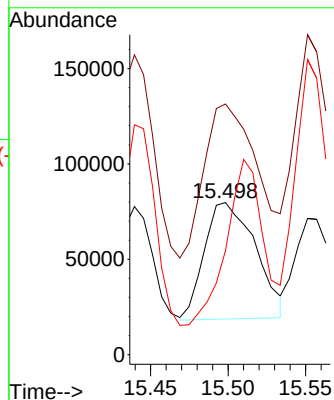
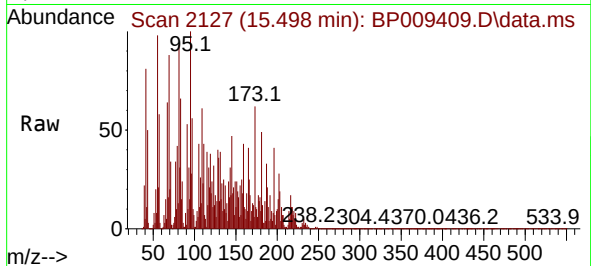




#58
Fluorene
Concen: 2.399 ng
RT: 15.498 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

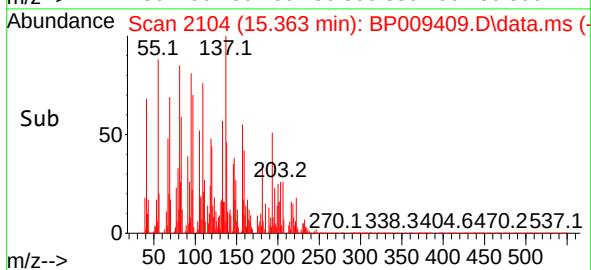
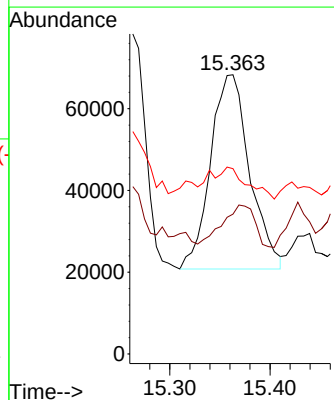
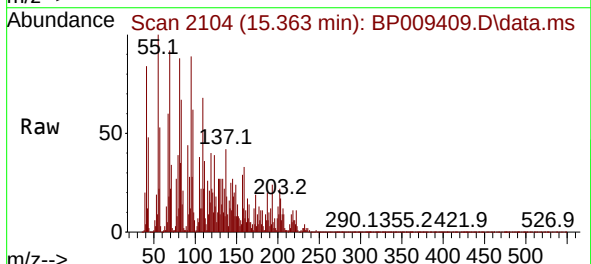
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

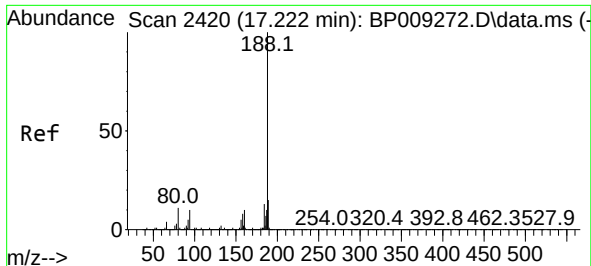
Tgt Ion:166 Resp: 140042
Ion Ratio Lower Upper
166 100
165 164.8 79.2 118.8#
167 68.4 10.7 16.1#



#62
4-Nitroaniline
Concen: 10.718 ng
RT: 15.363 min Scan# 2104
Delta R.T. -0.165 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:138 Resp: 129219
Ion Ratio Lower Upper
138 100
92 50.1 31.2 71.2
108 66.4 54.3 94.3

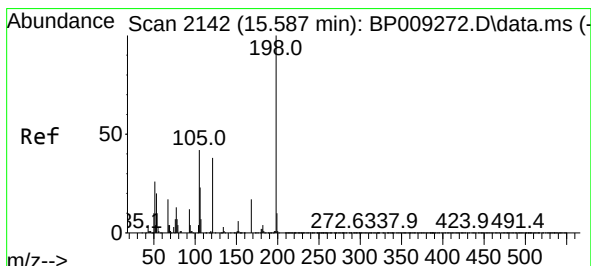
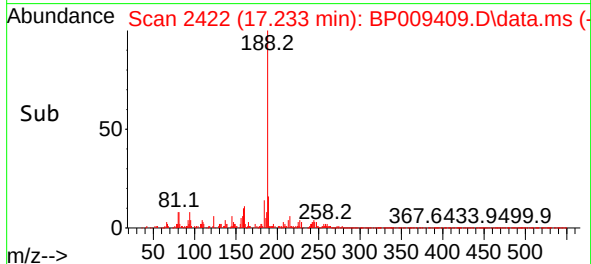
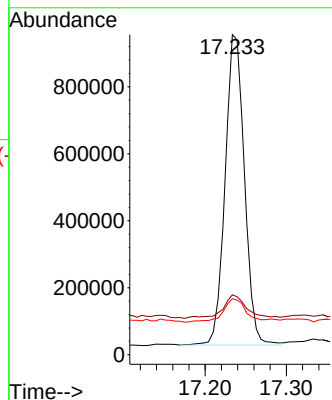
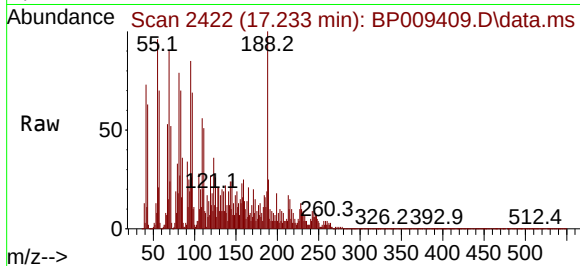




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

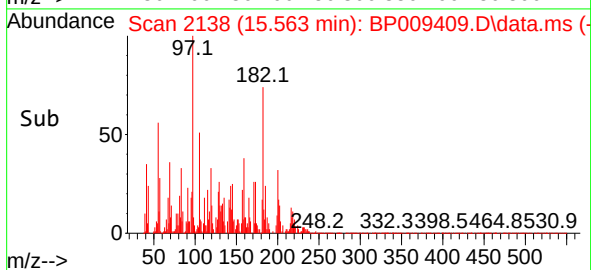
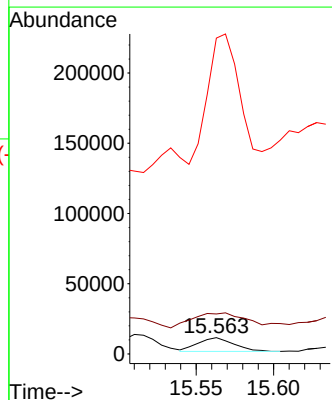
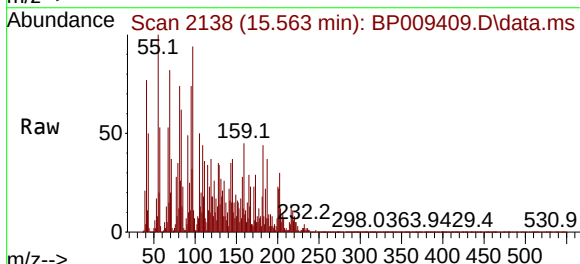
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

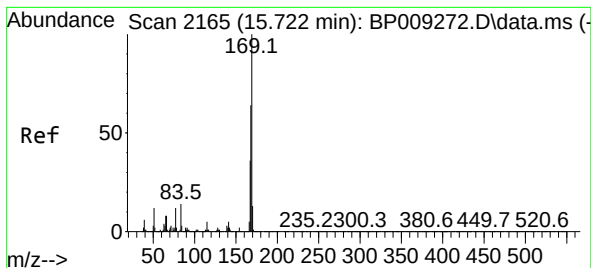
Tgt Ion:188 Resp: 1536638
Ion Ratio Lower Upper
188 100
94 18.7 7.9 11.9#
80 17.5 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.316 ng
RT: 15.563 min Scan# 2138
Delta R.T. -0.024 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:198 Resp: 15656
Ion Ratio Lower Upper
198 100
51 245.9 17.7 57.7#
105 1939.9 23.2 63.2#





#66

n-Nitrosodiphenylamine

Concen: 2.479 ng

RT: 15.739 min Scan# 2165

Delta R.T. 0.018 min

Lab File: BP009409.D

Acq: 15 Mar 2022 21:20

Instrument :

BNA_P

ClientSampleId :

CHRT-27154

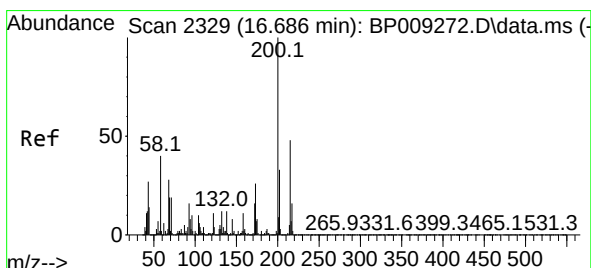
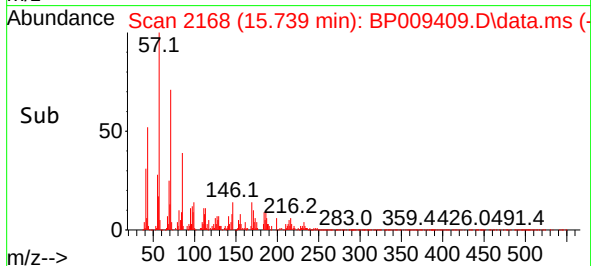
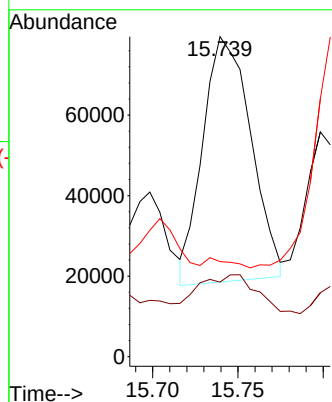
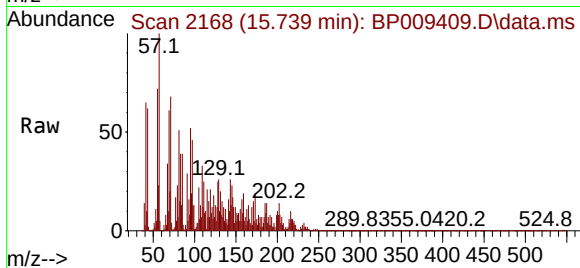
Tgt Ion:169 Resp: 119577

Ion Ratio Lower Upper

169 100

168 23.3 51.6 77.4#

167 29.7 29.0 43.4



#69

Atrazine

Concen: 5.724 ng

RT: 16.692 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BP009409.D

Acq: 15 Mar 2022 21:20

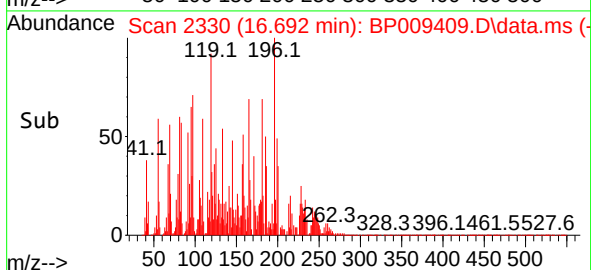
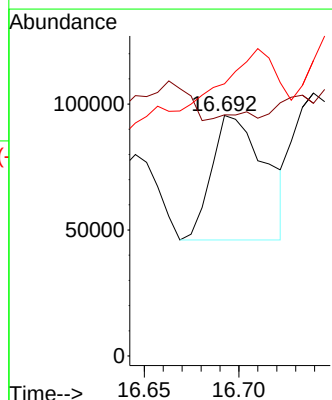
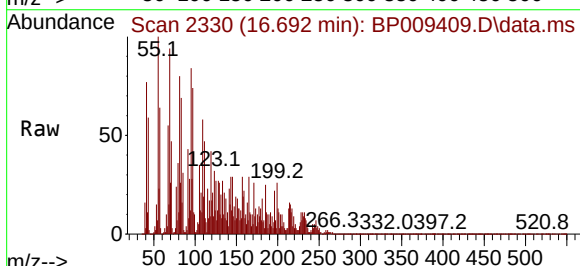
Tgt Ion:200 Resp: 97185

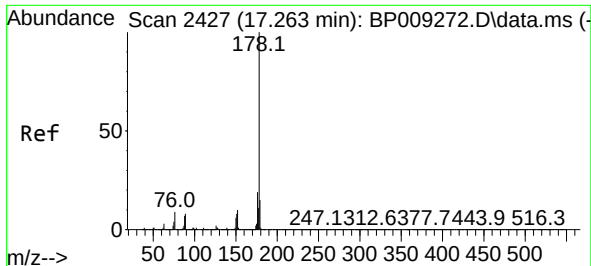
Ion Ratio Lower Upper

200 100

173 100.2 6.2 46.2#

215 113.1 28.5 68.5#

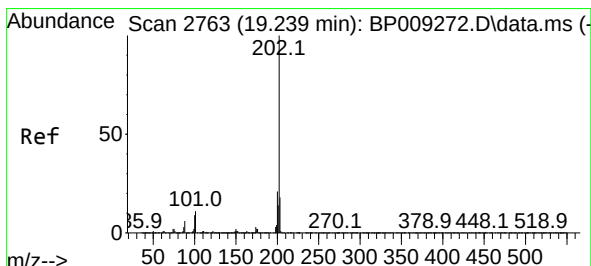
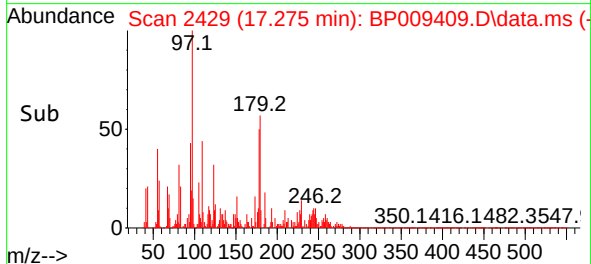
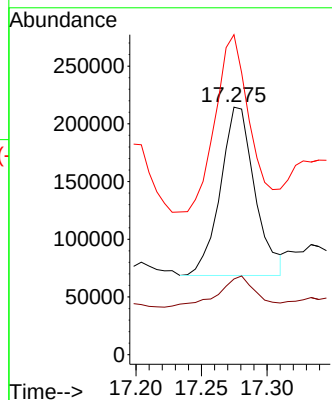
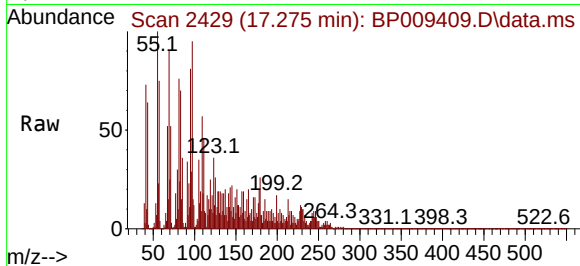




#71
Phenanthrene
Concen: 3.022 ng
RT: 17.275 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

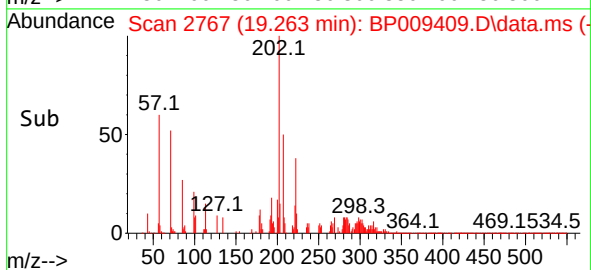
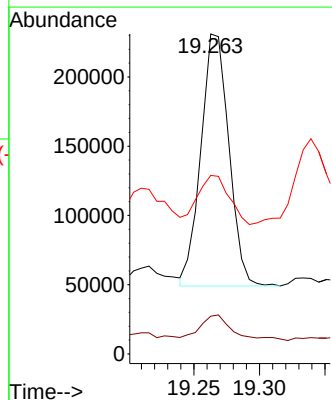
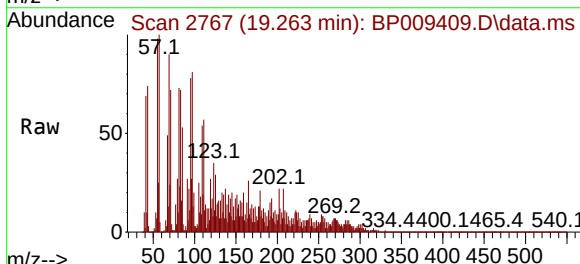
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

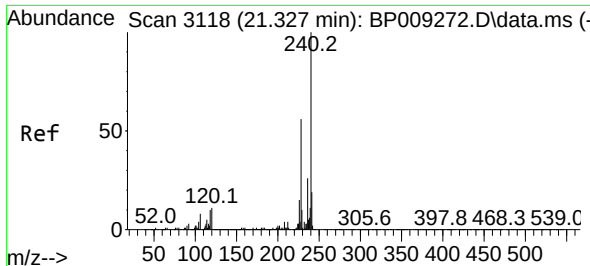
Tgt Ion:178 Resp: 266858
Ion Ratio Lower Upper
178 100
176 30.6 15.4 23.2#
179 129.3 12.3 18.5#



#75
Fluoranthene
Concen: 2.655 ng
RT: 19.263 min Scan# 2767
Delta R.T. 0.023 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:202 Resp: 270664
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 55.8 0.0 37.8#

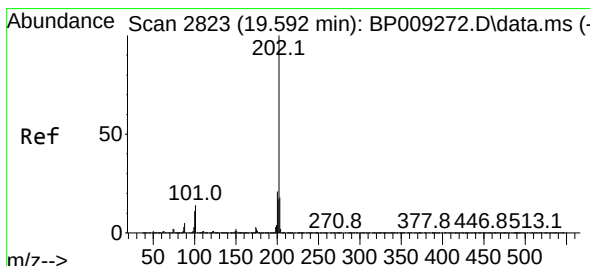
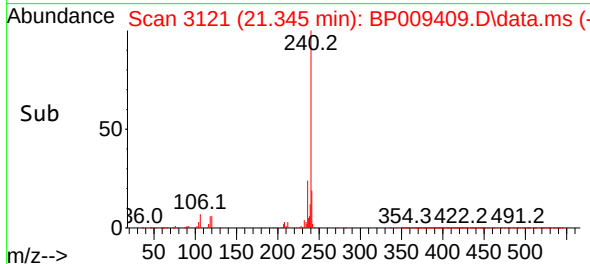
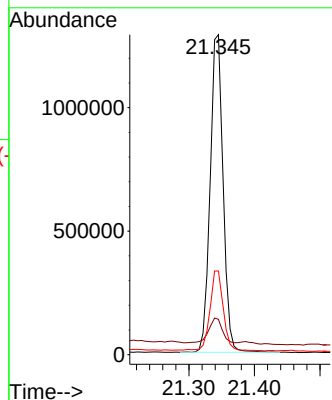
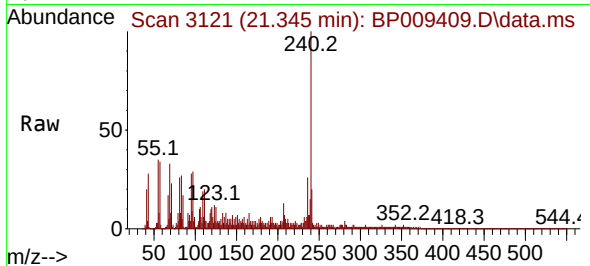




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

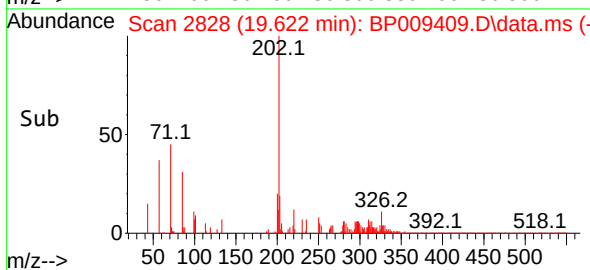
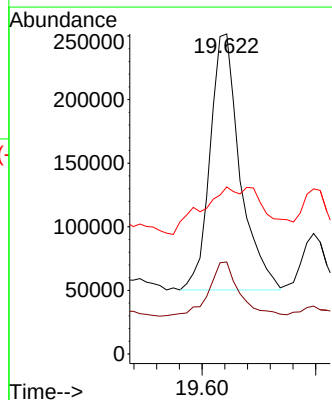
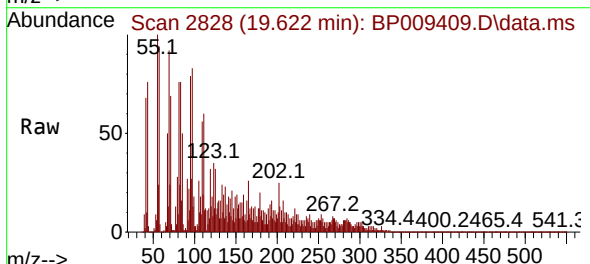
Instrument :
BNA_P
ClientSampleId :
CHRT-27154

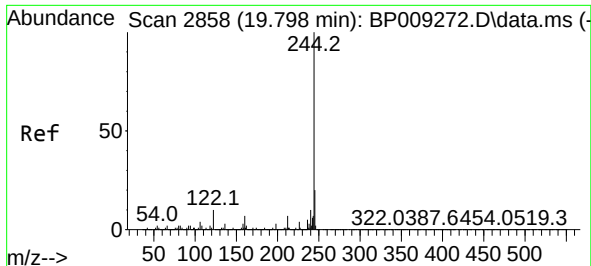
Tgt Ion:240 Resp: 1767556
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 26.1 20.6 30.8



#78
Pyrene
Concen: 3.097 ng
RT: 19.622 min Scan# 2828
Delta R.T. 0.029 min
Lab File: BP009409.D
Acq: 15 Mar 2022 21:20

Tgt Ion:202 Resp: 369631
Ion Ratio Lower Upper
202 100
200 28.7 16.8 25.2#
203 52.2 14.2 21.4#

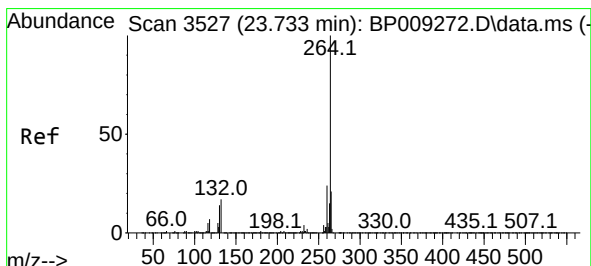
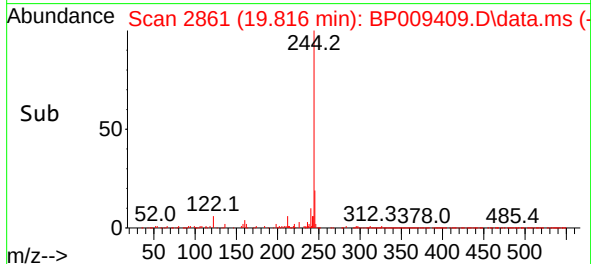
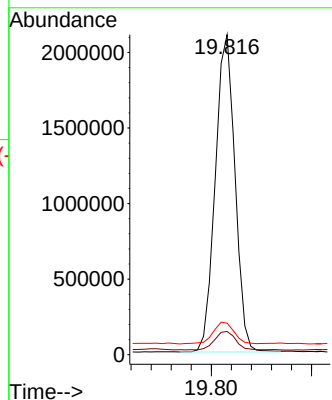
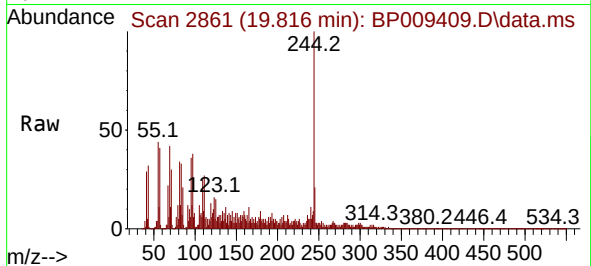




#79
 Terphenyl-d14
 Concen: 30.524 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP009409.D
 Acq: 15 Mar 2022 21:20

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27154

Tgt Ion:244 Resp: 2858988
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3529
 Delta R.T. 0.012 min
 Lab File: BP009409.D
 Acq: 15 Mar 2022 21:20

Tgt Ion:264 Resp: 1968019
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 22.5 17.2 25.8

