

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008099.D
 Acq On : 23 Nov 2021 16:47
 Operator : CG/JU
 Sample : M4808-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20001

Quant Time: Nov 24 00:06:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

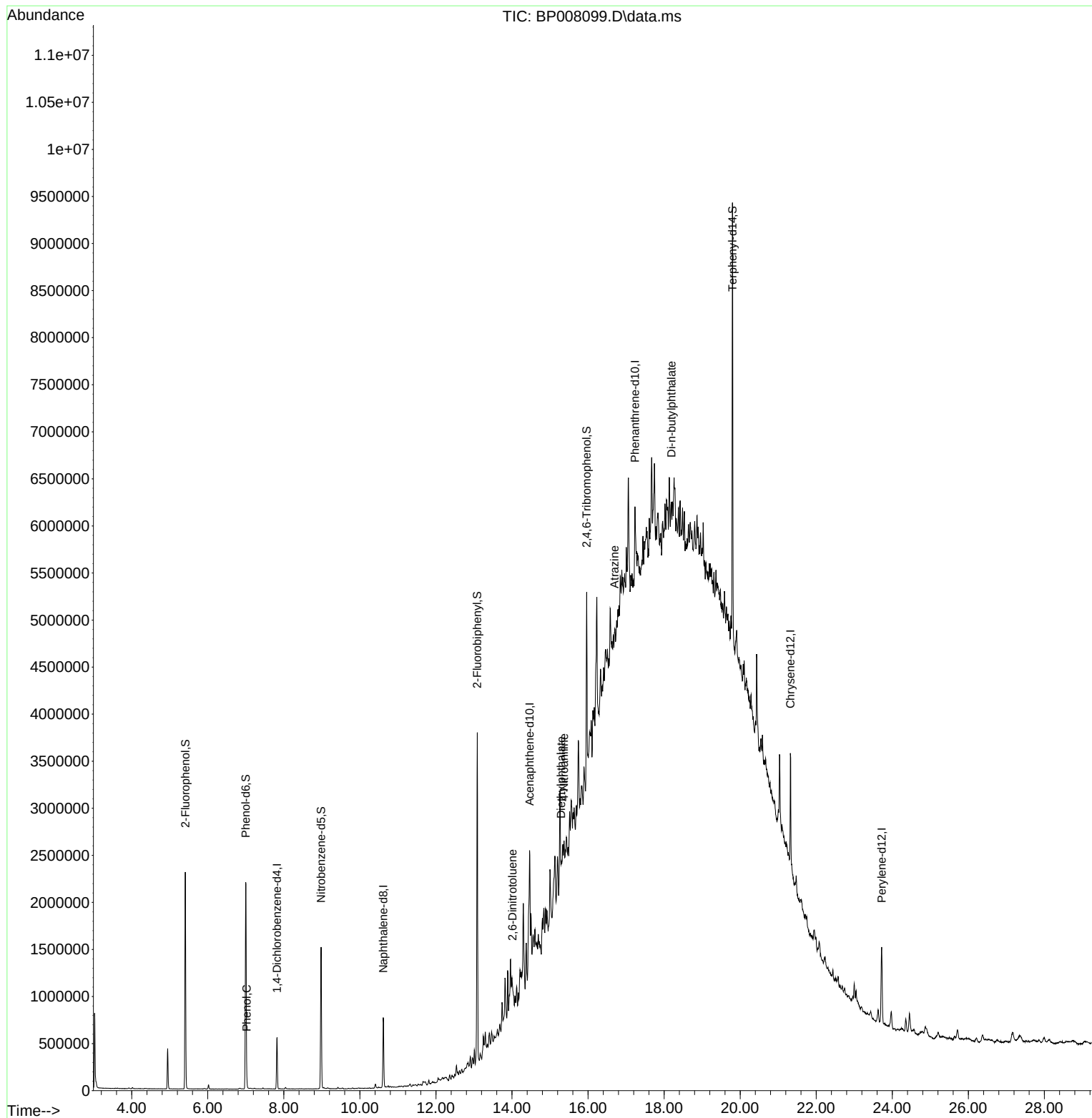
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	140656	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	569542	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	356154	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	610731	20.000	ng	# 0.00
76) Chrysene-d12	21.322	240	637369	20.000	ng	0.00
86) Perylene-d12	23.721	264	648194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	919842	111.779	ng	0.00
7) Phenol-d6	6.999	99	1233335	108.121	ng	-0.01
23) Nitrobenzene-d5	8.981	82	863529	68.781	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	464302	103.013	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1808863	79.527	ng	0.00
79) Terphenyl-d14	19.798	244	2494023	76.932	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.940	77	144	Below Cal	#	36
10) Phenol	7.028	94	26212	2.145	ng	94
51) 2,6-Dinitrotoluene	14.010	165	16968	3.003	ng	# 33
58) Fluorene	15.516	166	15589	Below Cal	#	1
60) Diethylphthalate	15.292	149	85855	3.103	ng	# 80
61) 4-Chlorophenyl-phenyle...	15.487	204	2144	Below Cal	#	1
62) 4-Nitroaniline	15.363	138	18009	2.964	ng	93
69) Atrazine	16.692	200	17656	3.986	ng	# 1
74) Di-n-butylphthalate	18.192	149	105116	2.916	ng	# 67
82) 3,3'-Dichlorobenzidine	21.251	252	789	Below Cal	#	1

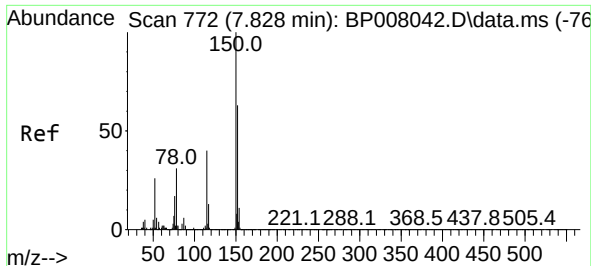
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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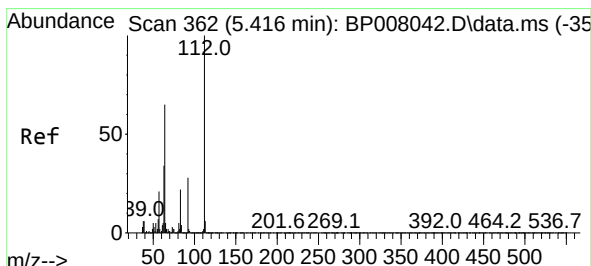
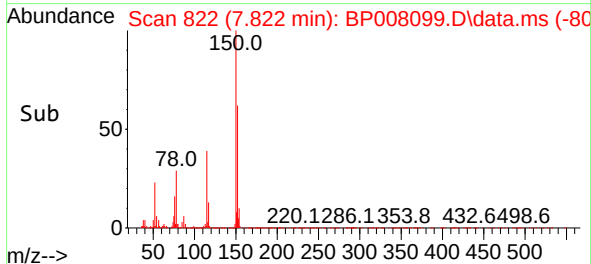
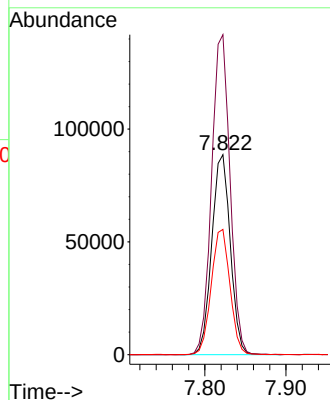
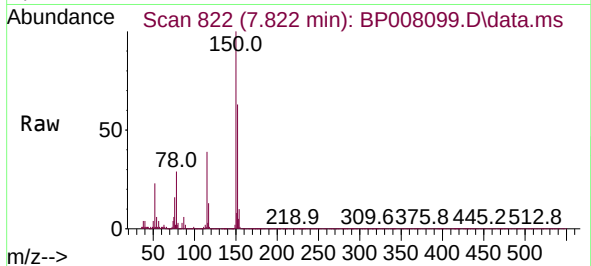




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

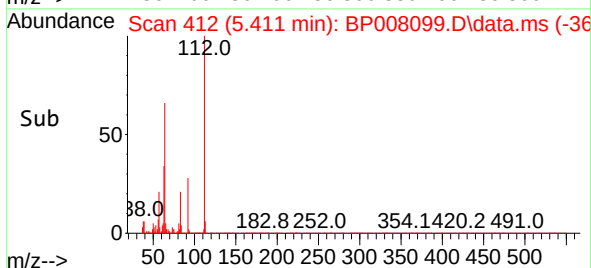
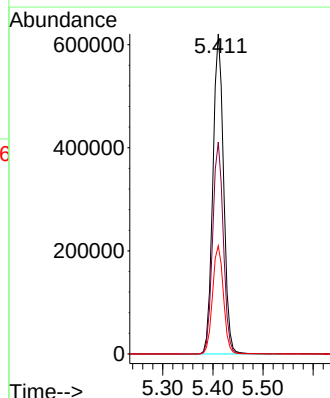
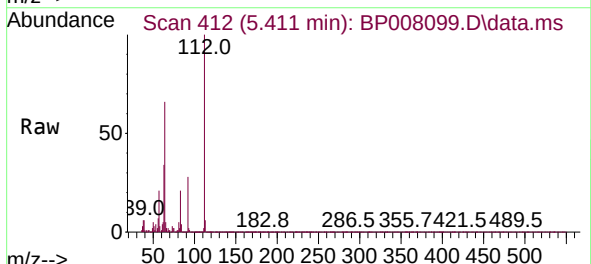
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

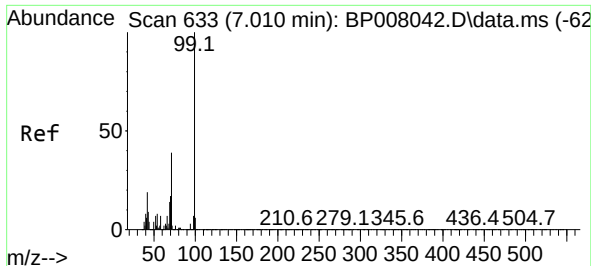
Tgt Ion:152 Resp: 140656
Ion Ratio Lower Upper
152 100
150 160.0 126.5 189.7
115 62.7 50.6 75.8



#5
2-Fluorophenol
Concen: 111.779 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:112 Resp: 919842
Ion Ratio Lower Upper
112 100
64 66.2 51.7 77.5
63 33.8 27.4 41.0

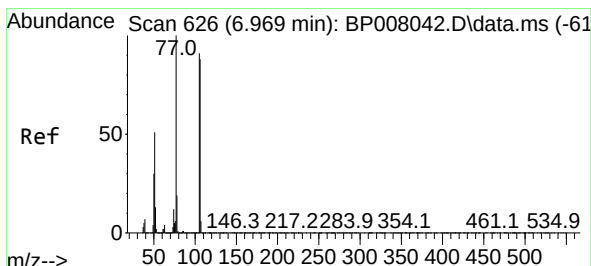
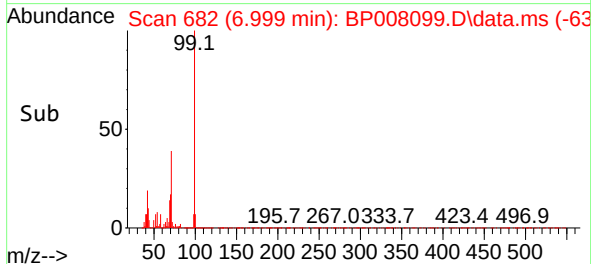
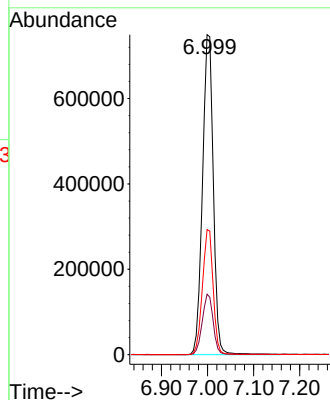
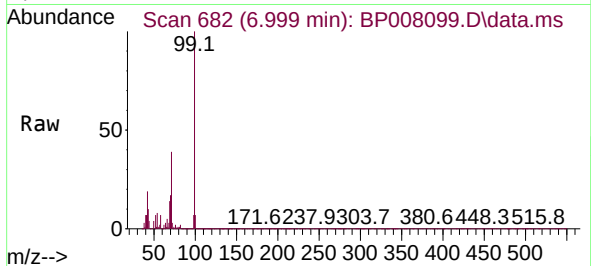




#7
Phenol-d6
Concen: 108.121 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

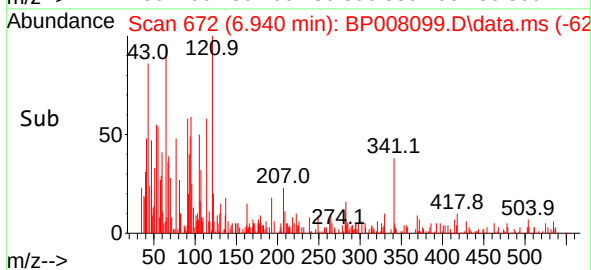
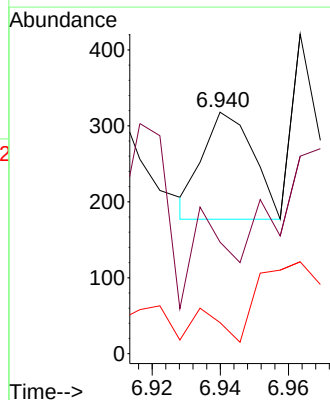
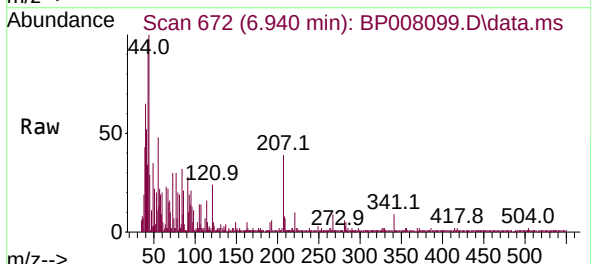
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

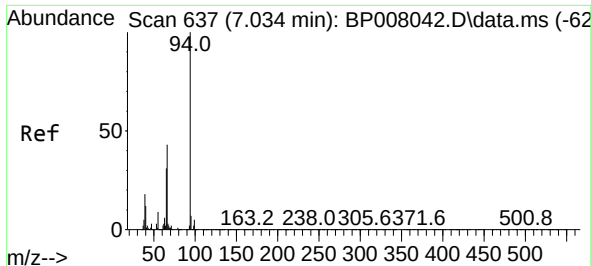
Tgt Ion: 99 Resp: 1233335
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 39.1 31.0 46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. -0.029 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion: 77 Resp: 144
Ion Ratio Lower Upper
77 100
105 46.2 71.5 111.5#
106 12.9 67.9 107.9#

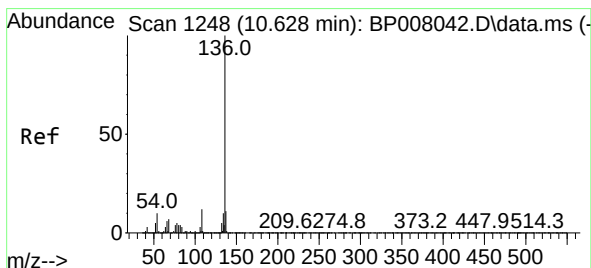
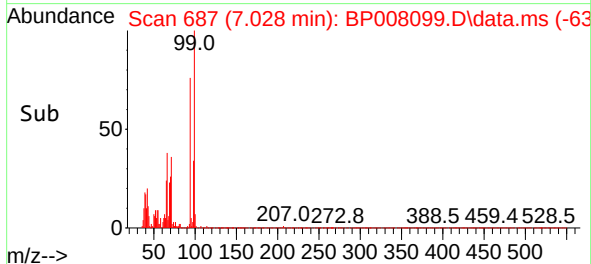
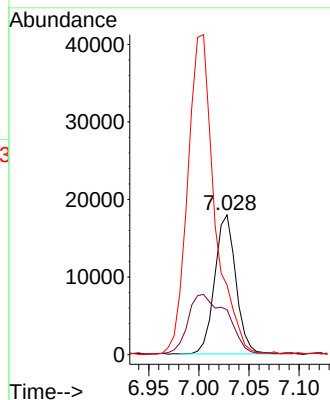
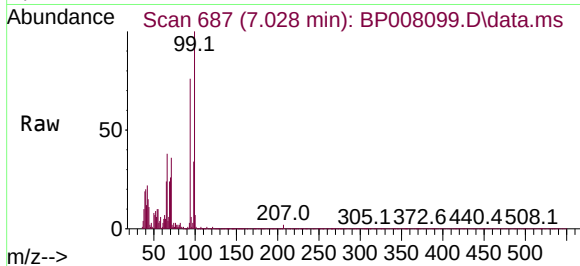




#10
Phenol
Concen: 2.145 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

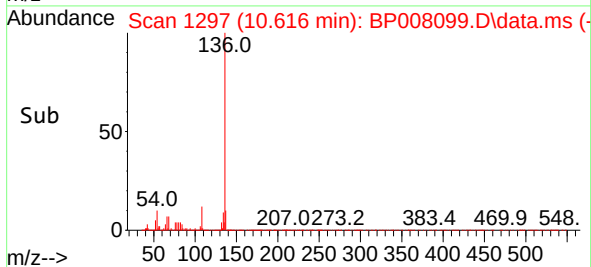
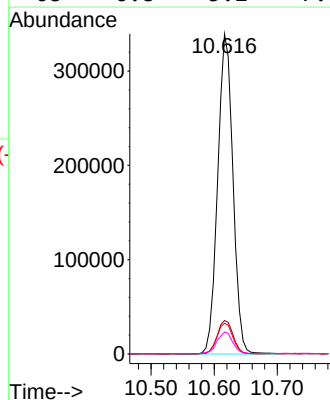
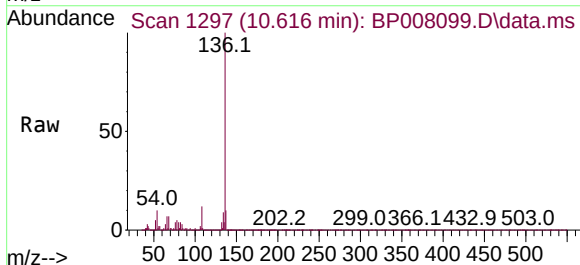
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

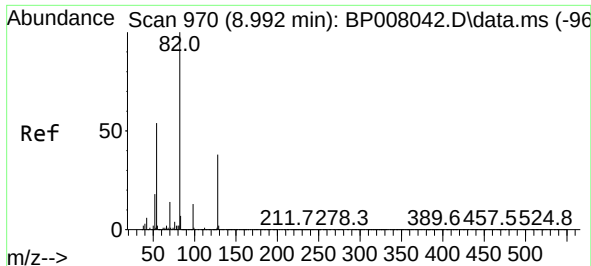
Tgt Ion: 94	Resp: 26212
Ion Ratio	Lower Upper
94 100	
65 32.2	11.5 51.5
66 49.7	23.5 63.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion: 136	Resp: 569542
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 9.6	8.0 12.0
68 6.8	5.2 7.8

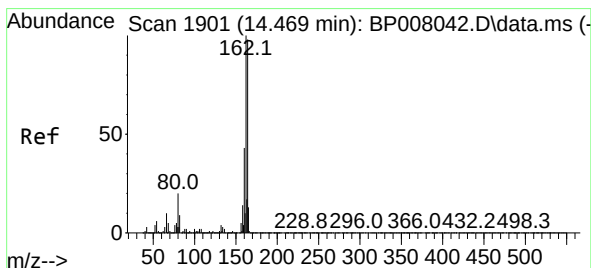
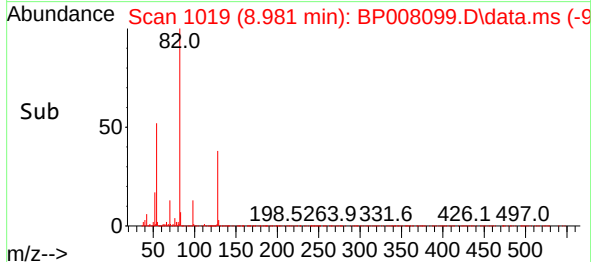
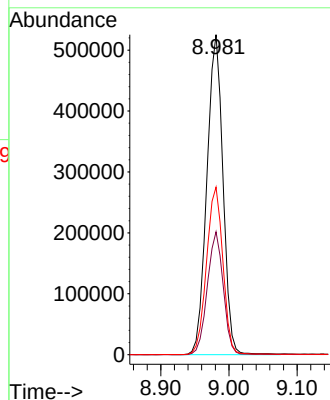
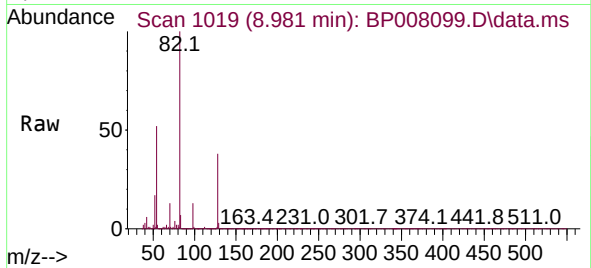




#23
Nitrobenzene-d5
Concen: 68.781 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

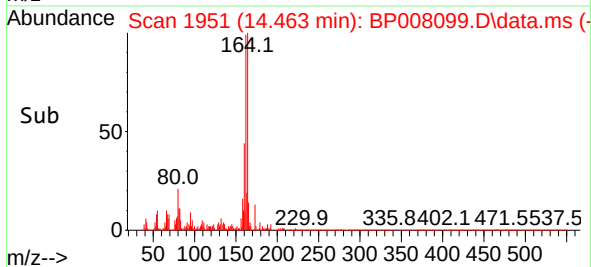
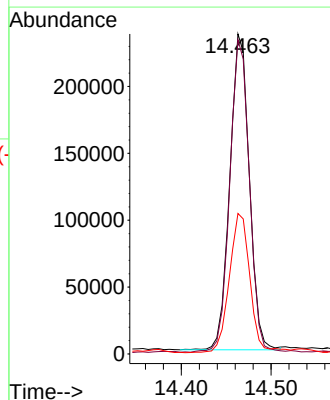
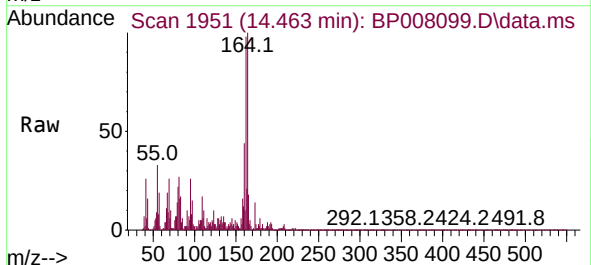
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

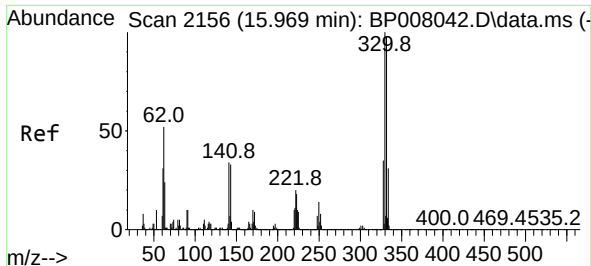
Tgt Ion: 82 Resp: 863529
Ion Ratio Lower Upper
82 100
128 38.4 30.2 45.2
54 52.3 43.1 64.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:164 Resp: 356154
Ion Ratio Lower Upper
164 100
162 98.2 81.8 122.8
160 43.9 35.1 52.7

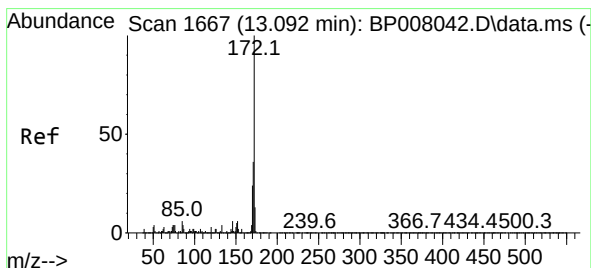
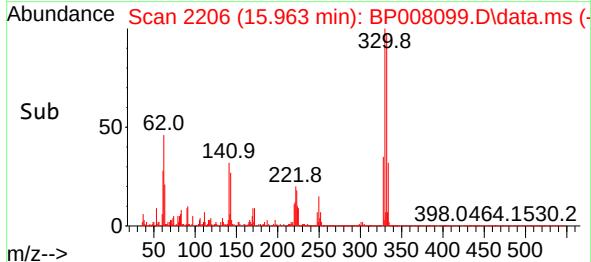
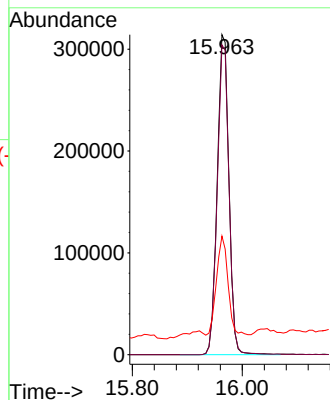
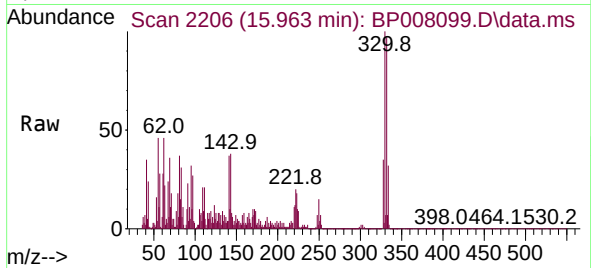




#42
2,4,6-Tribromophenol
Concen: 103.013 ng
RT: 15.963 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

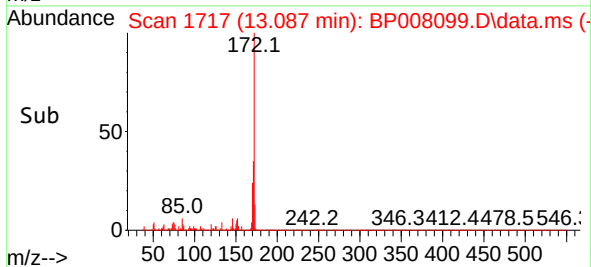
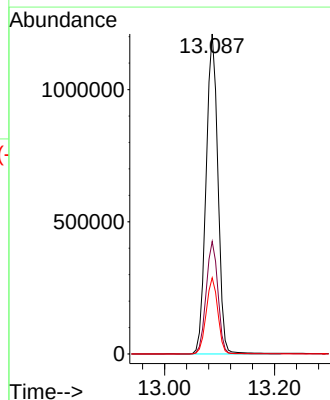
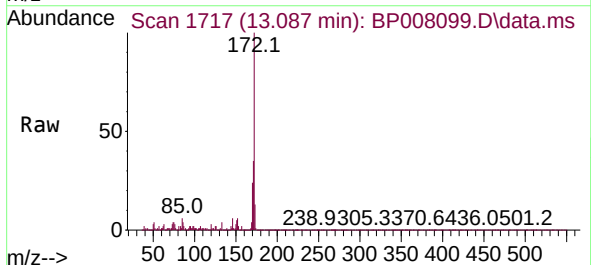
Instrument :
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ClientSampleId :
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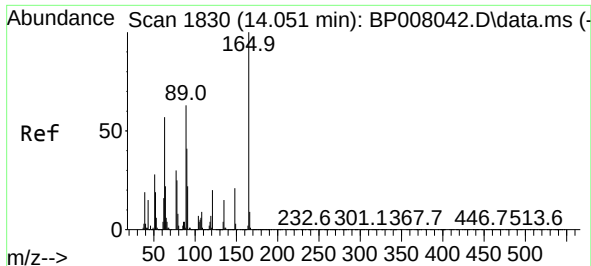
Tgt Ion: 330 Resp: 464302
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 30.4 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 79.527 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion: 172 Resp: 1808863
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.8 19.0 28.4

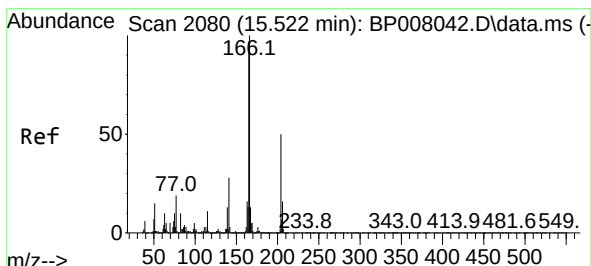
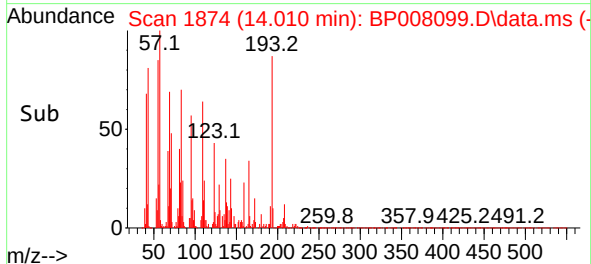
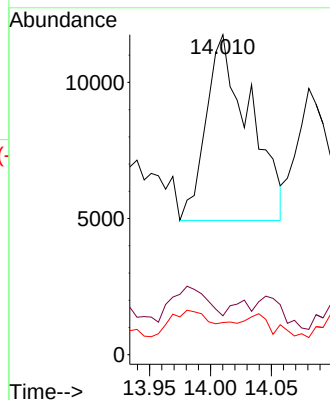
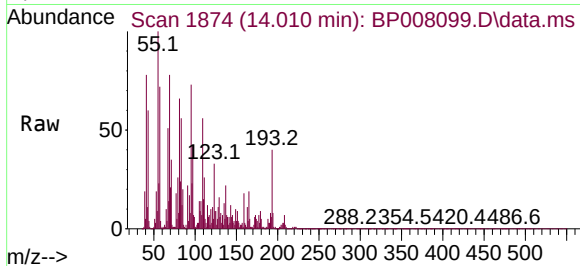




#51
2,6-Dinitrotoluene
Concen: 3.003 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

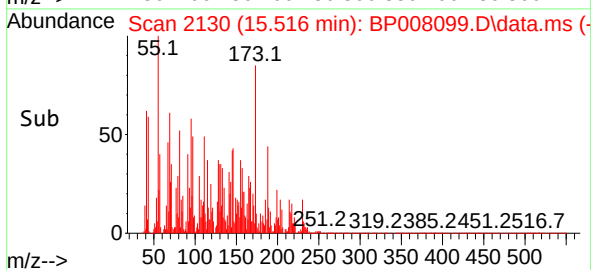
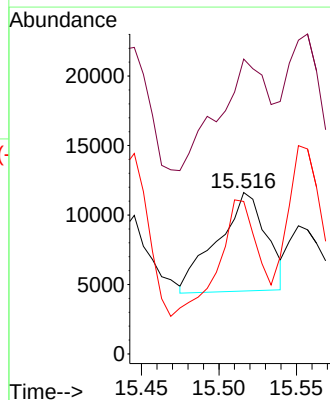
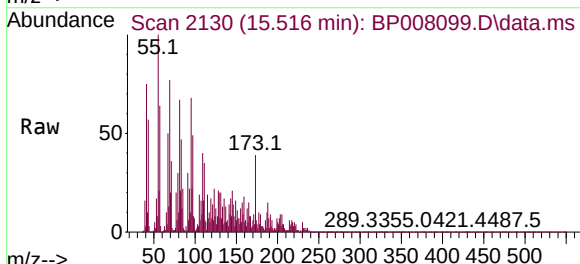
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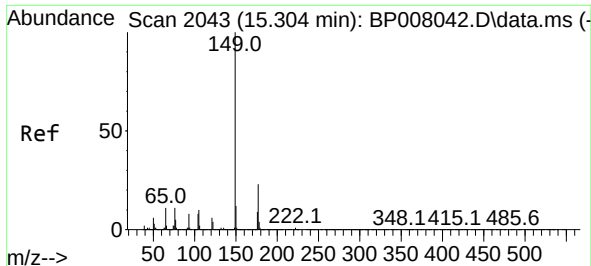
Tgt Ion:165 Resp: 16968
Ion Ratio Lower Upper
165 100
63 12.1 51.0 76.6#
89 10.0 50.5 75.7#



#58
Fluorene
Concen: Below Cal
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:166 Resp: 15589
Ion Ratio Lower Upper
166 100
165 182.6 77.4 116.0#
167 94.4 10.7 16.1#

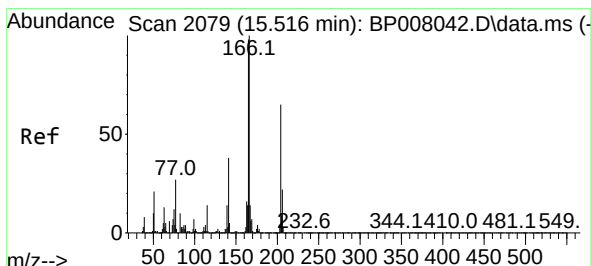
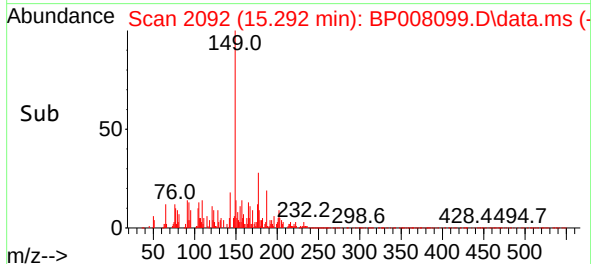
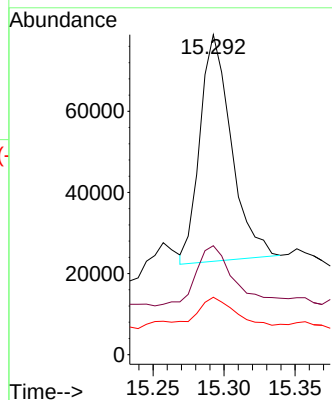
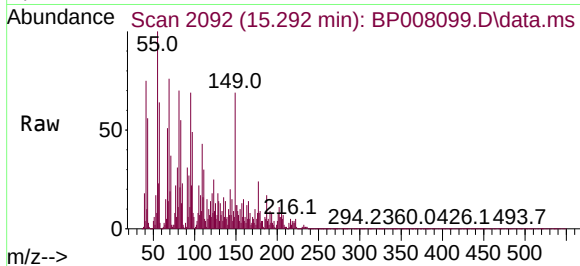




#60
Diethylphthalate
Concen: 3.103 ng
RT: 15.292 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

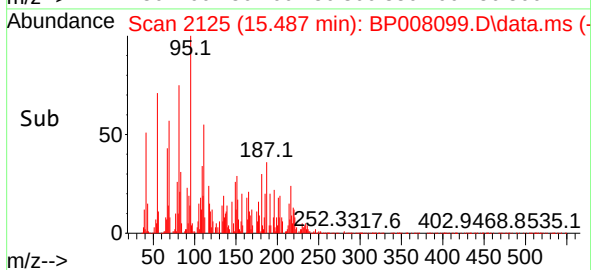
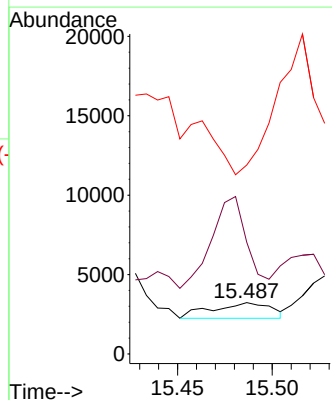
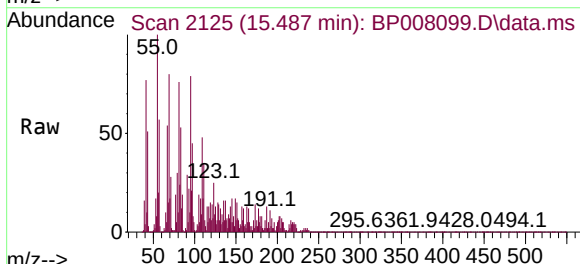
Instrument :
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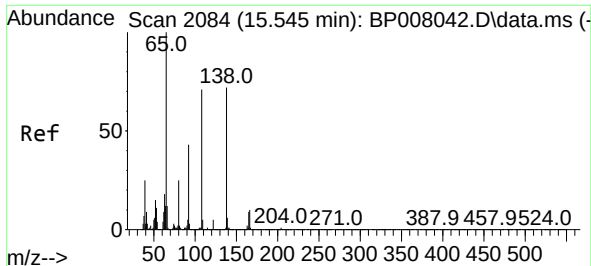
Tgt Ion:149 Resp: 85855
Ion Ratio Lower Upper
149 100
177 34.1 18.3 27.5#
150 18.0 10.0 15.0#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.487 min Scan# 2125
Delta R.T. -0.029 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:204 Resp: 2144
Ion Ratio Lower Upper
204 100
206 217.3 27.3 40.9#
141 368.1 46.7 70.1#

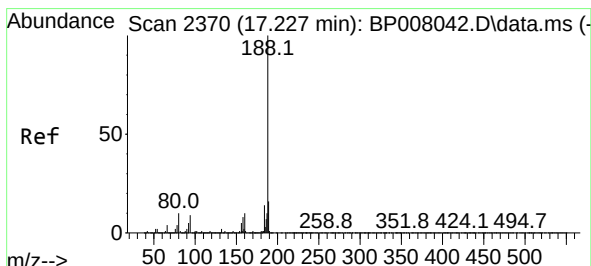
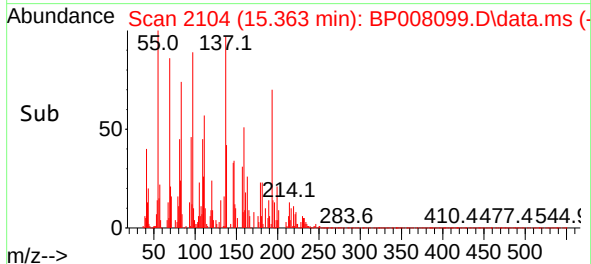
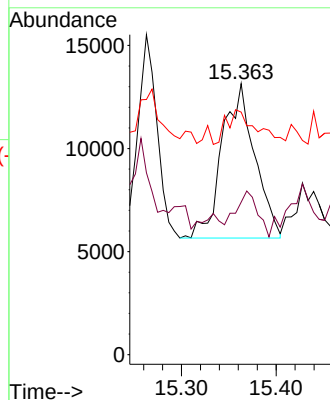
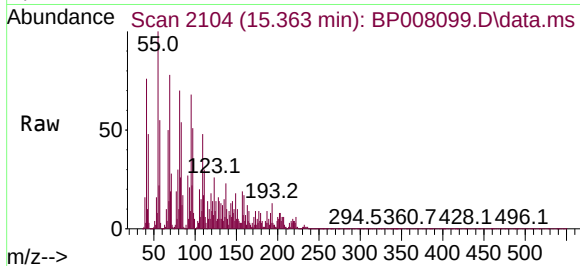




#62
4-Nitroaniline
Concen: 2.964 ng
RT: 15.363 min Scan# 2104
Delta R.T. -0.182 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

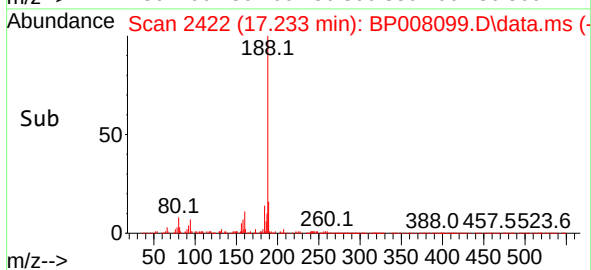
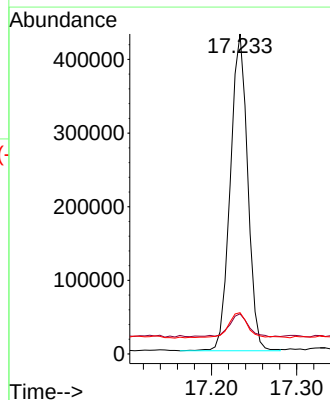
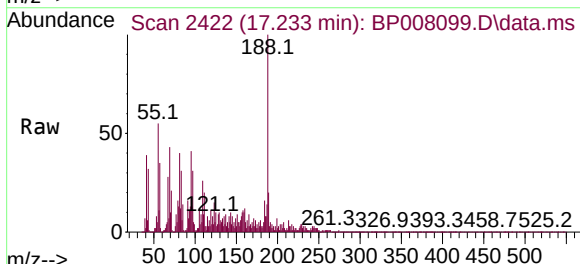
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

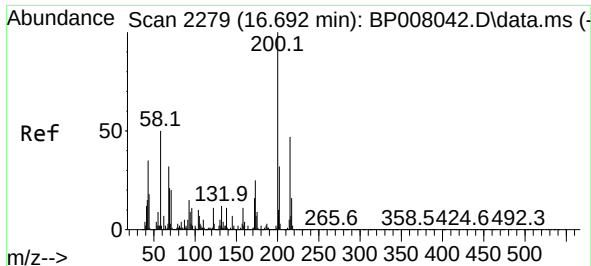
Tgt Ion:138 Resp: 18009
Ion Ratio Lower Upper
138 100
92 56.3 39.5 79.5
108 89.4 78.5 118.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:188 Resp: 610731
Ion Ratio Lower Upper
188 100
94 12.5 7.1 10.7#
80 12.9 8.1 12.1#

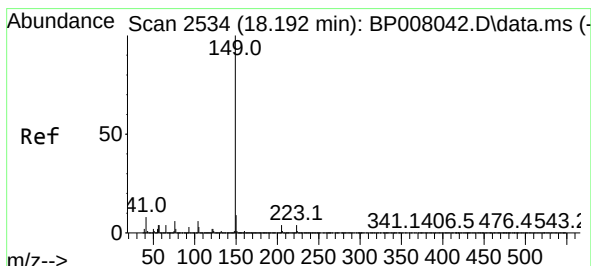
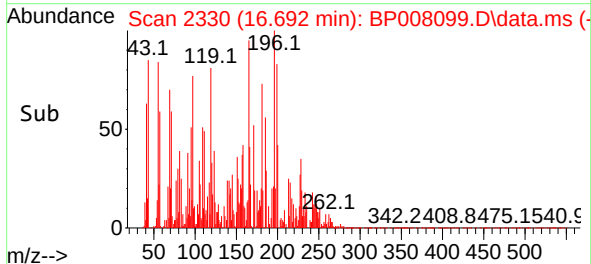
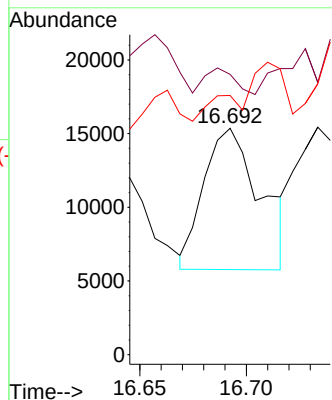
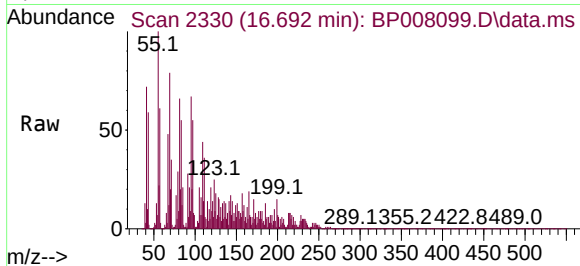




#69
 Atrazine
 Concen: 3.986 ng
 RT: 16.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008099.D
 Acq: 23 Nov 2021 16:47

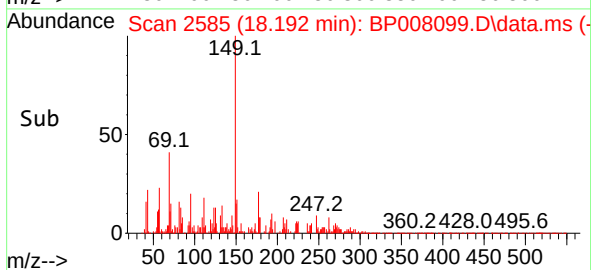
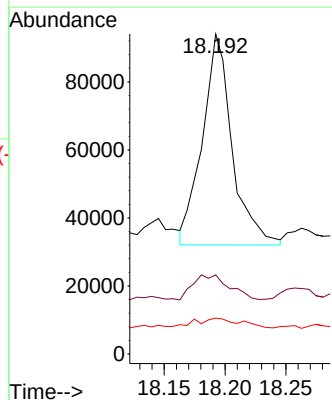
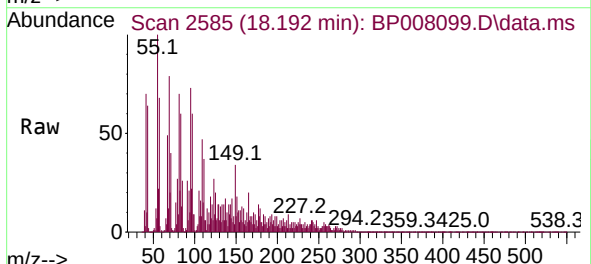
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20001

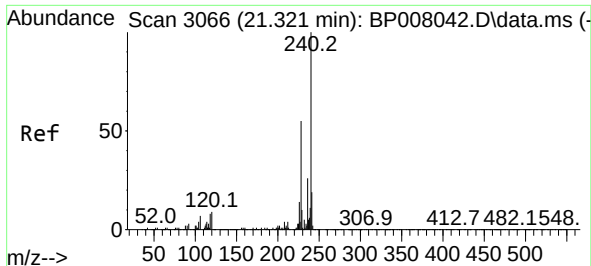
Tgt Ion: 200 Resp: 17656
 Ion Ratio Lower Upper
 200 100
 173 123.8 5.3 45.3#
 215 114.5 26.8 66.8#



#74
 Di-n-butylphthalate
 Concen: 2.916 ng
 RT: 18.192 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BP008099.D
 Acq: 23 Nov 2021 16:47

Tgt Ion: 149 Resp: 105116
 Ion Ratio Lower Upper
 149 100
 150 24.7 7.4 11.2#
 104 11.2 4.5 6.7#

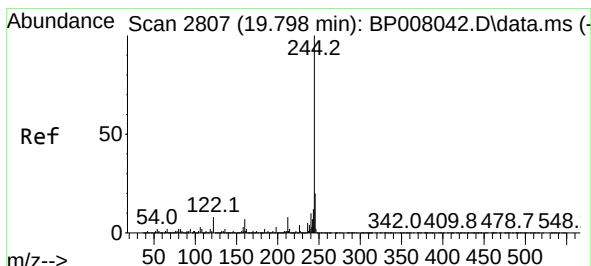
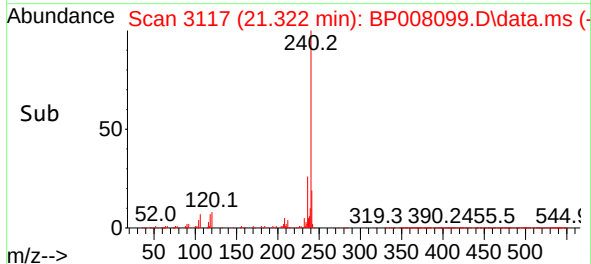
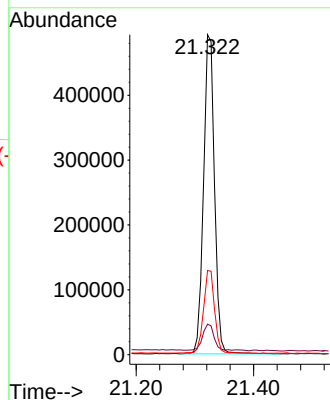
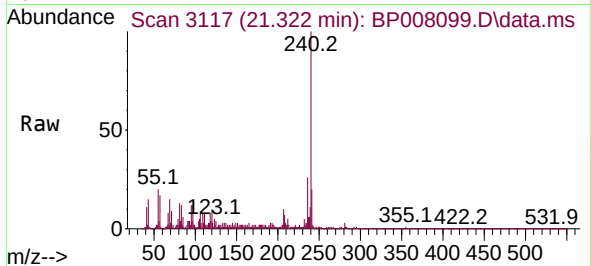




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

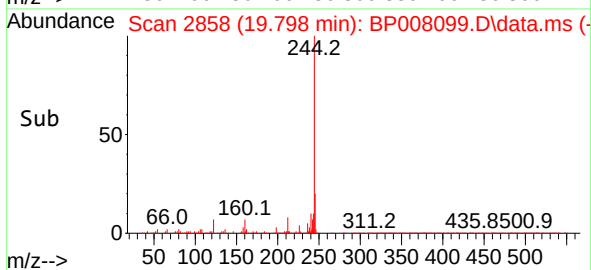
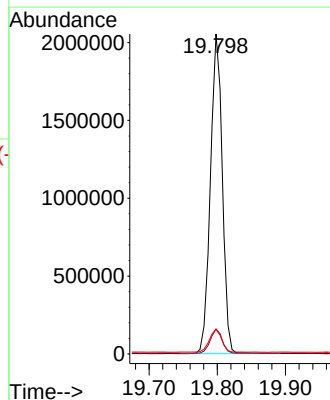
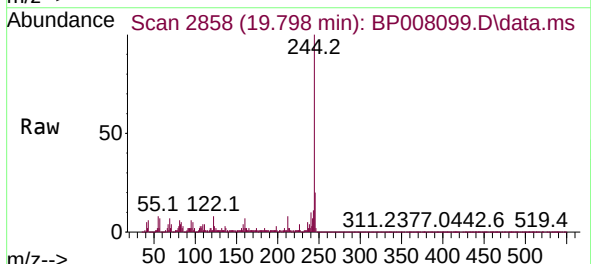
Instrument :
BNA_P
ClientSampleId :
CHRT-20001

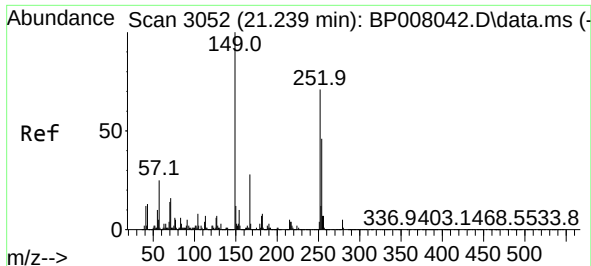
Tgt Ion:240 Resp: 637369
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 76.932 ng
RT: 19.798 min Scan# 2858
Delta R.T. 0.000 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:244 Resp: 2494023
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 7.7 6.1 9.1

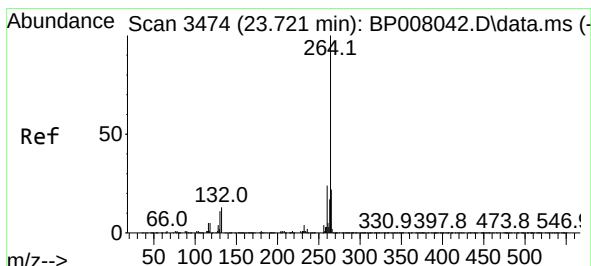
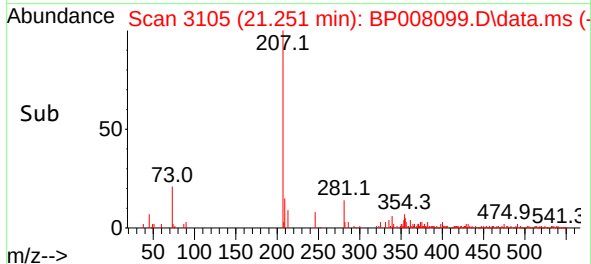
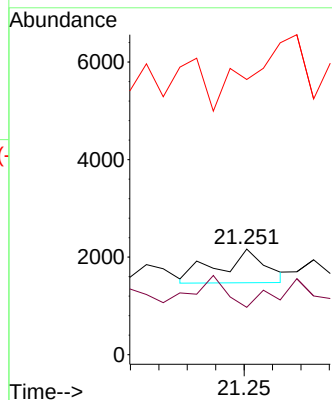
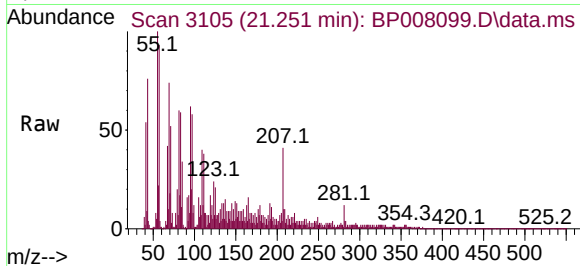




#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.251 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Instrument :
BNA_P
ClientSampleId :
CHRT-20001

Tgt Ion:252 Resp: 789
Ion Ratio Lower Upper
252 100
254 44.8 51.8 77.8#
126 260.5 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP008099.D
Acq: 23 Nov 2021 16:47

Tgt Ion:264 Resp: 648194
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.7 17.7 26.5

