

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005540.D
 Acq On : 14 May 2021 02:46
 Operator : CG/JU
 Sample : M2372-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27051

Quant Time: May 14 03:28:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

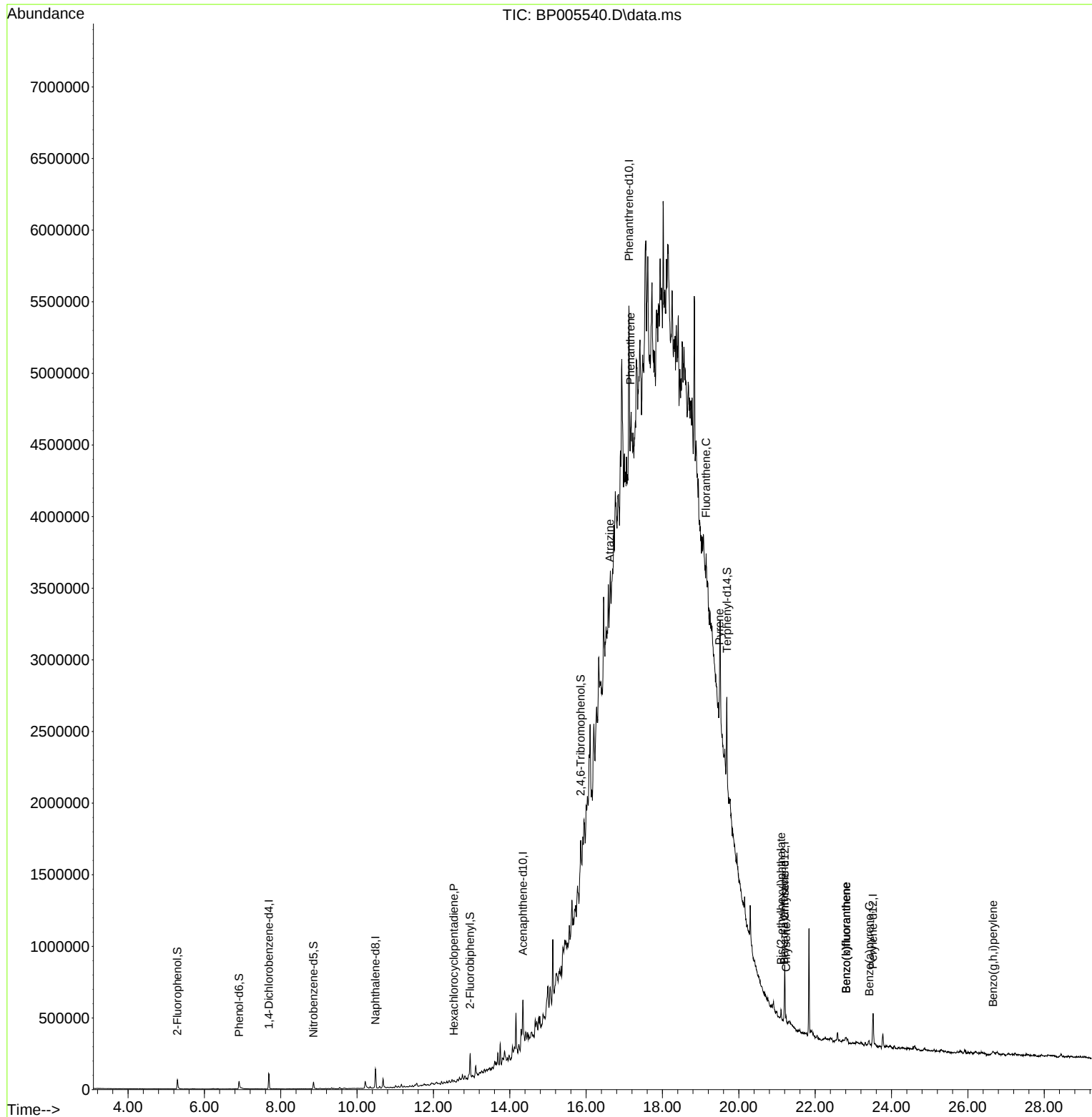
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	23364	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	78446	20.00	ng	-0.01
39) Acenaphthene-d10	14.345	164	79169	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	323858	20.00	ng	# 0.02
76) Chrysene-d12	21.204	240	162681	20.00	ng	# 0.01
86) Perylene-d12	23.516	264	168777	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	22840	18.76	ng	0.00
7) Phenol-d6	6.911	99	26138	17.22	ng	0.02
23) Nitrobenzene-d5	8.858	82	24470	12.28	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	46875	20.86	ng	0.02
45) 2-Fluorobiphenyl	12.963	172	72002	10.26	ng	0.00
79) Terphenyl-d14	19.686	244	201638	21.05	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	105	Below Cal	#	52
9) Benzaldehyde	6.852	77	323	Below Cal	#	34
41) Hexachlorocyclopentadiene	12.534	237	10	7.88	ng	80
69) Atrazine	16.616	200	13840	3.13	ng	# 1
71) Phenanthrene	17.163	178	50448	2.74	ng	# 18
75) Fluoranthene	19.139	202	78056	3.08	ng	75
78) Pyrene	19.492	202	67007	7.28	ng	# 81
81) Benzo(a)anthracene	21.186	228	21350	2.03	ng	# 80
83) Chrysene	21.239	228	23622	2.31	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.104	149	18230	4.01	ng	# 95
88) Benzo(b)fluoranthene	22.816	252	50826	4.52	ng	# 91
89) Benzo(k)fluoranthene	22.816	252	50826	4.62	ng	# 89
90) Benzo(a)pyrene	23.416	252	23412	2.27	ng	# 78
92) Benzo(g,h,i)perylene	26.662	276	25262	2.18	ng	# 97

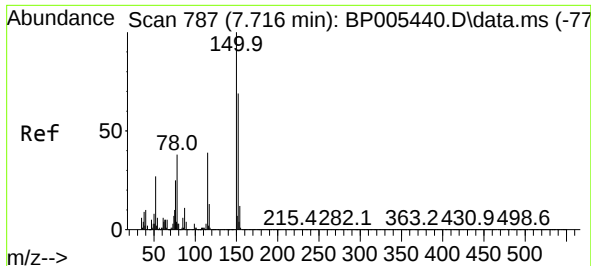
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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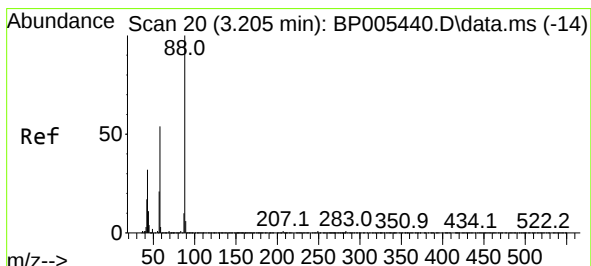
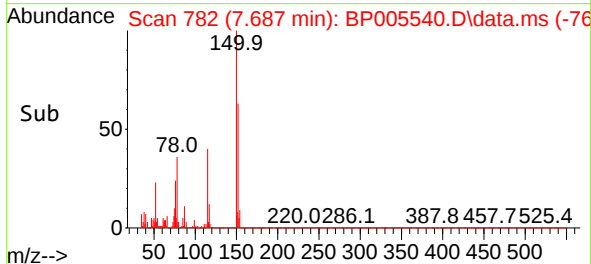
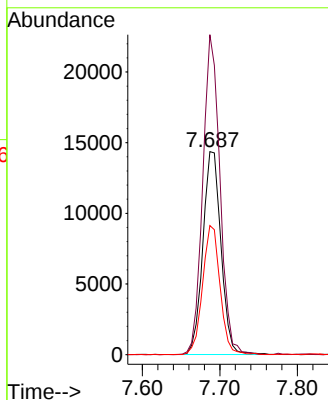
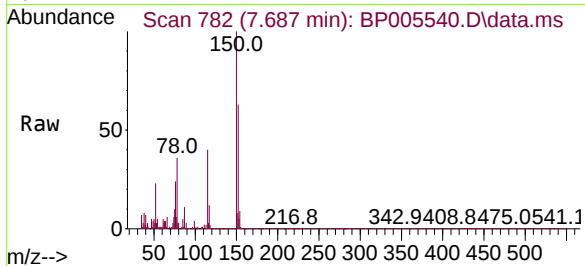




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

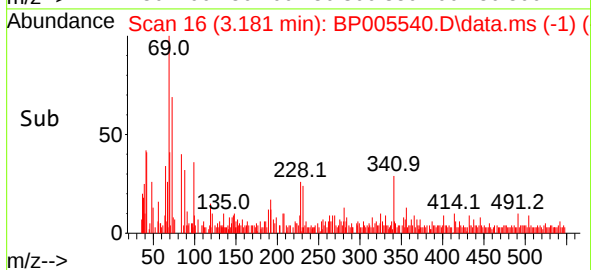
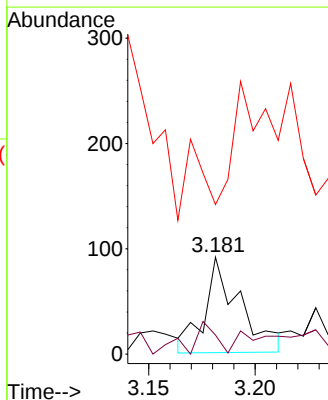
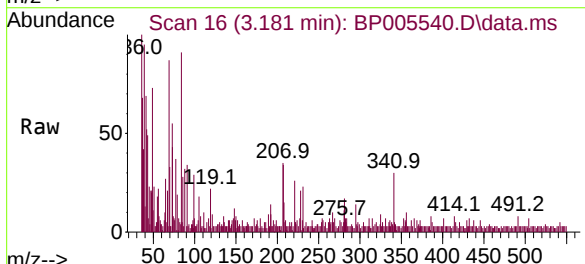
Instrument :
BNA_P
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CHRT-27051

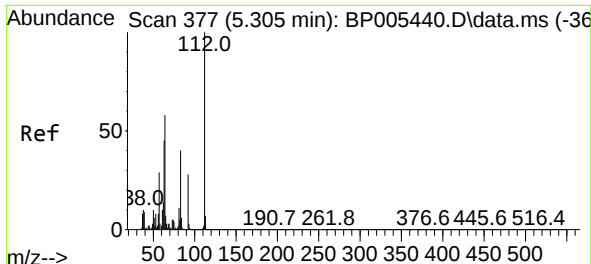
Tgt Ion:152 Resp: 23364
Ion Ratio Lower Upper
152 100
150 157.6 119.8 179.8
115 63.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
58 20.0 42.5 63.7#
43 0.0 19.8 29.8#

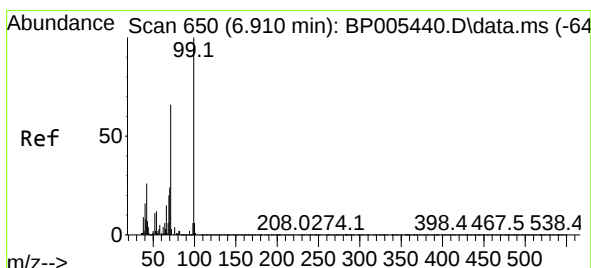
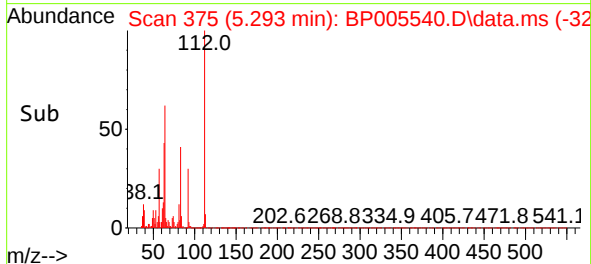
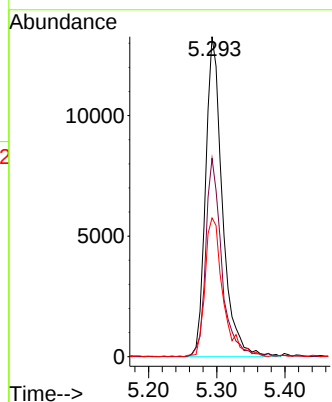
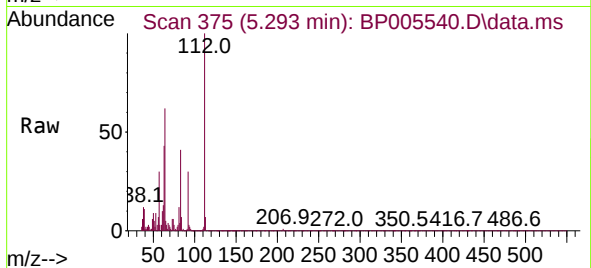




#5
2-Fluorophenol
Concen: 18.76 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

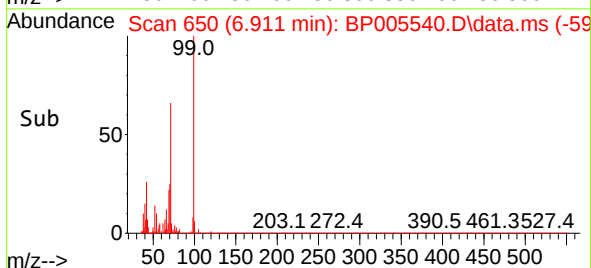
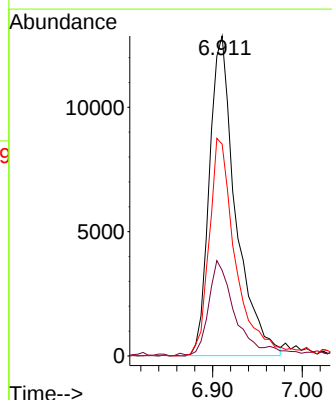
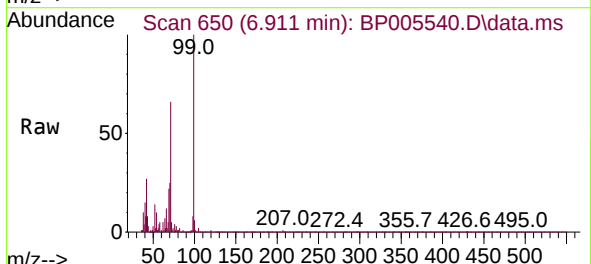
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

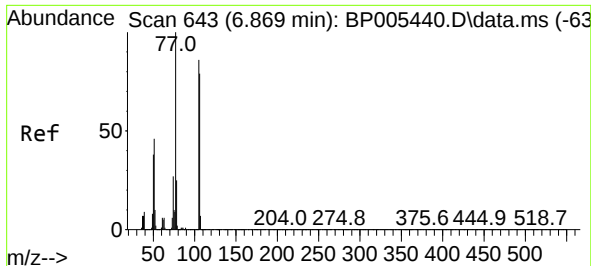
Tgt Ion:112 Resp: 22840
Ion Ratio Lower Upper
112 100
64 62.0 33.6 50.4#
63 43.4 18.6 27.8#



#7
Phenol-d6
Concen: 17.22 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.018 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion: 99 Resp: 26138
Ion Ratio Lower Upper
99 100
42 26.7 12.9 19.3#
71 66.2 26.7 40.1#

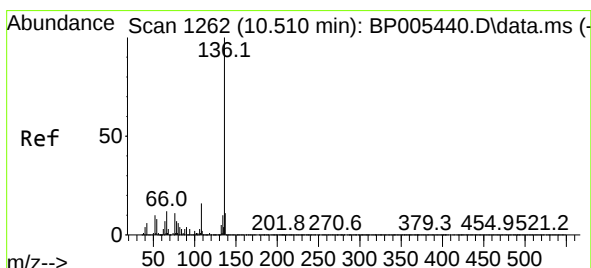
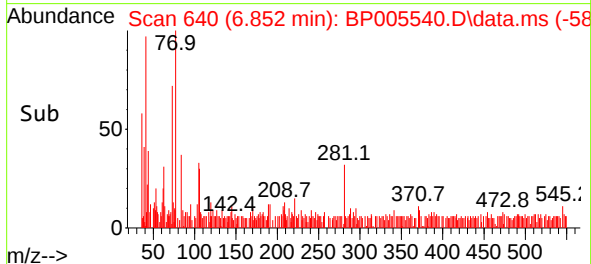
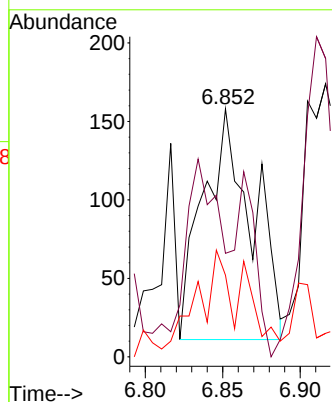
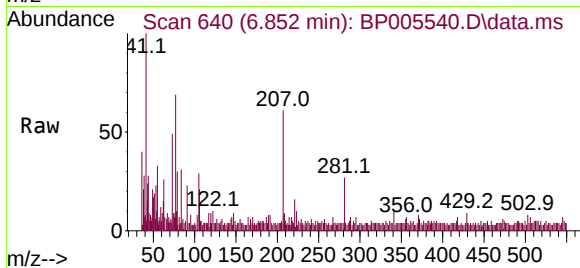




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

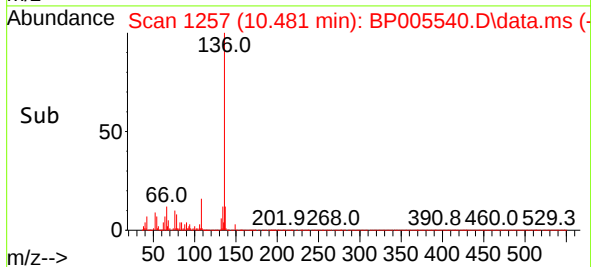
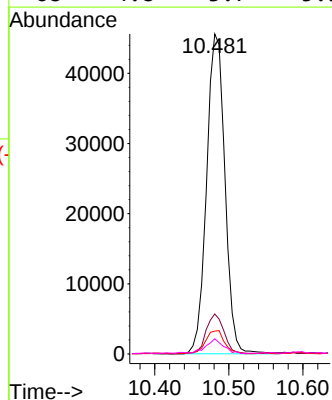
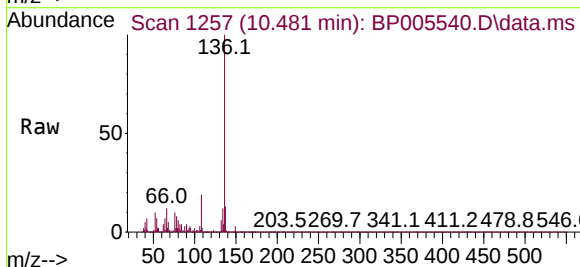
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

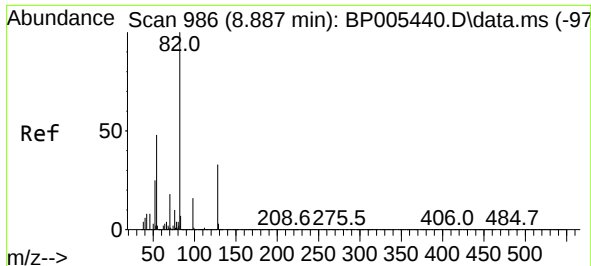
Tgt Ion: 77 Resp: 323
Ion Ratio Lower Upper
77 100
105 41.8 89.4 129.4#
106 32.9 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion: 136 Resp: 78446
Ion Ratio Lower Upper
136 100
137 12.5 8.9 13.3
54 7.1 5.0 7.4
68 4.8 3.7 5.5

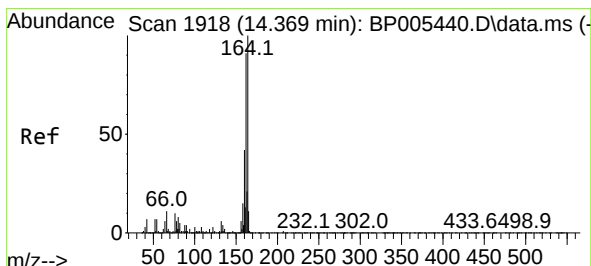
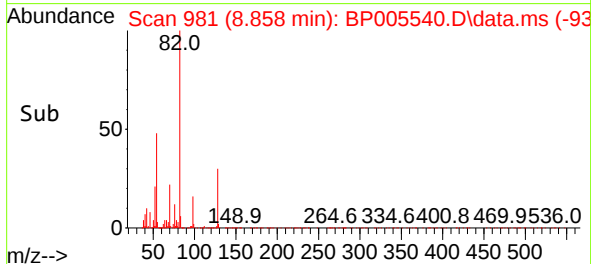
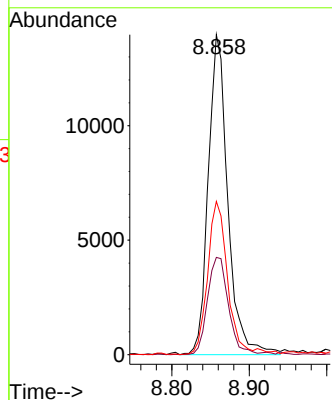
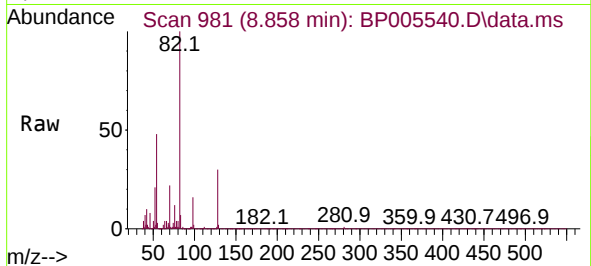




#23
Nitrobenzene-d5
Concen: 12.28 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

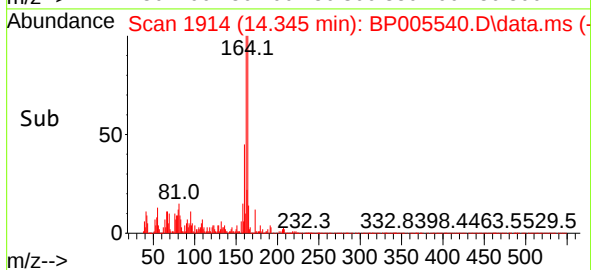
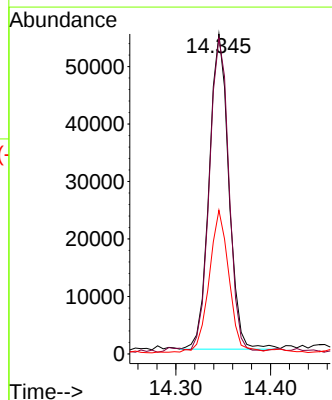
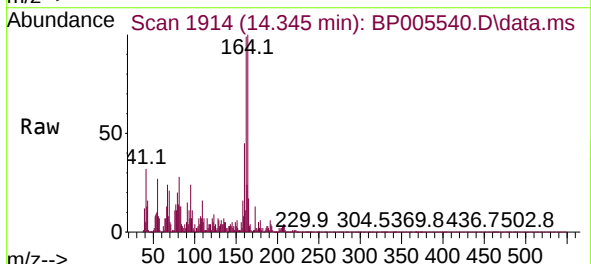
Instrument :
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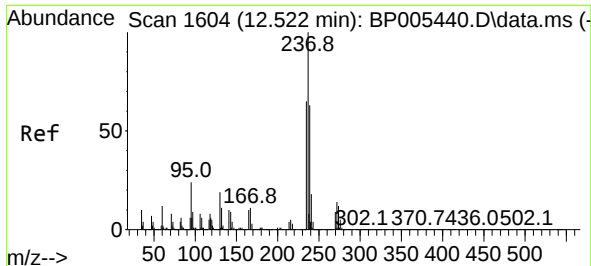
Tgt Ion: 82 Resp: 24470
Ion Ratio Lower Upper
82 100
128 30.4 30.5 45.7#
54 47.9 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion: 164 Resp: 79169
Ion Ratio Lower Upper
164 100
162 98.7 73.5 110.3
160 44.9 40.6 61.0

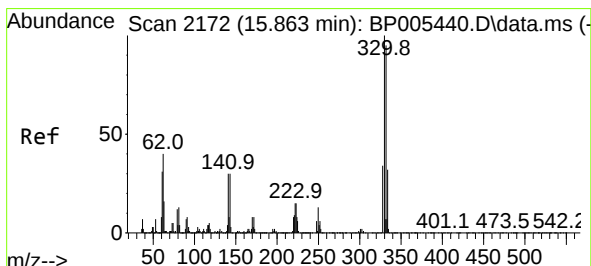
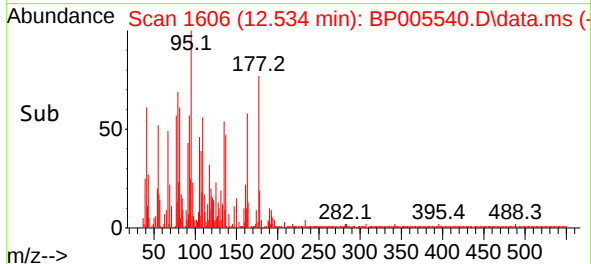
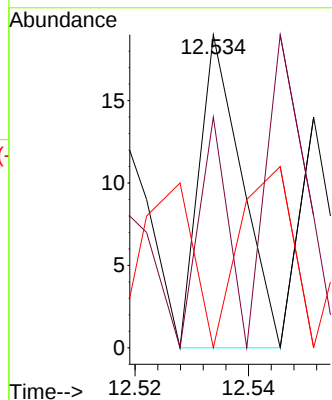
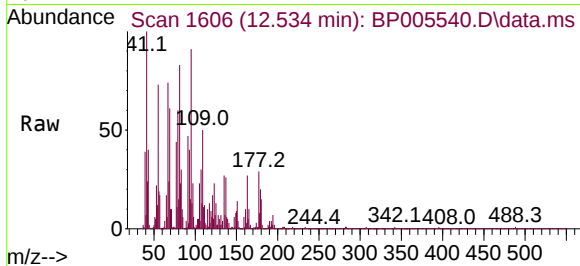




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.534 min Scan# 1606
Delta R.T. 0.035 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

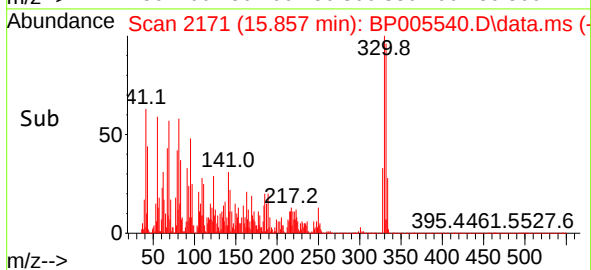
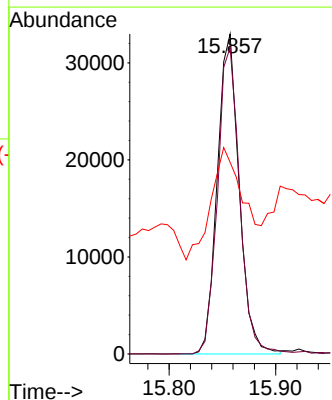
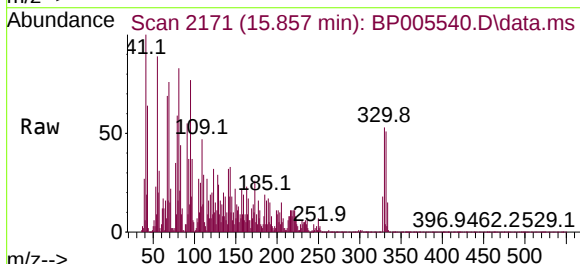
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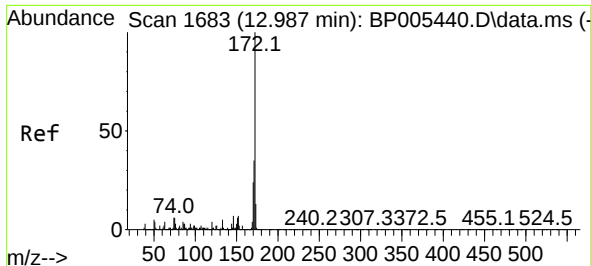
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	73.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 20.86 ng
RT: 15.857 min Scan# 2171
Delta R.T. 0.018 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:	330	Resp:	46875
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	52.9	22.8	34.2#

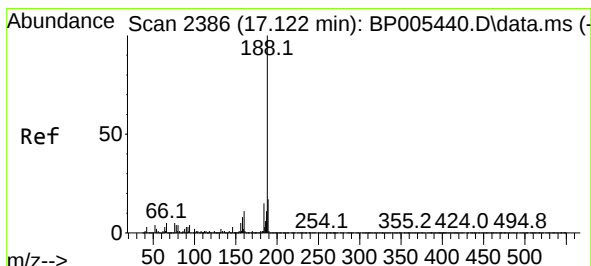
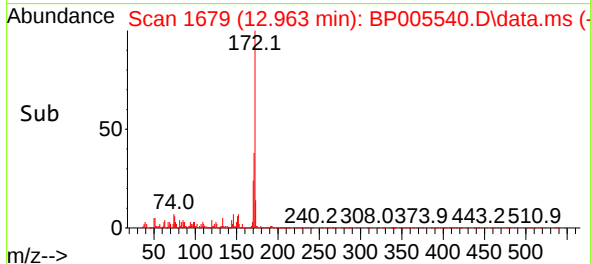
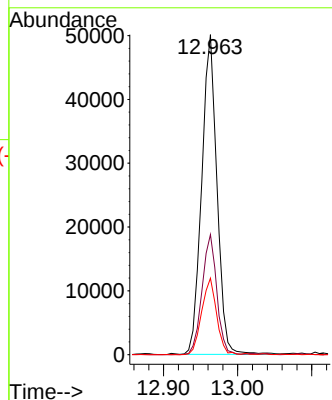
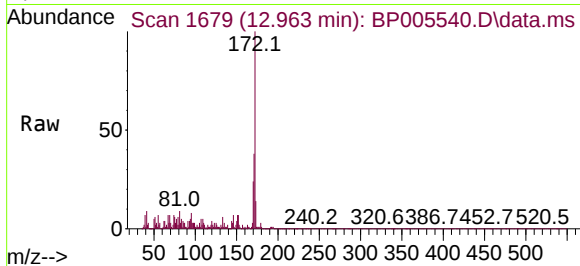




#45
2-Fluorobiphenyl
Concen: 10.26 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

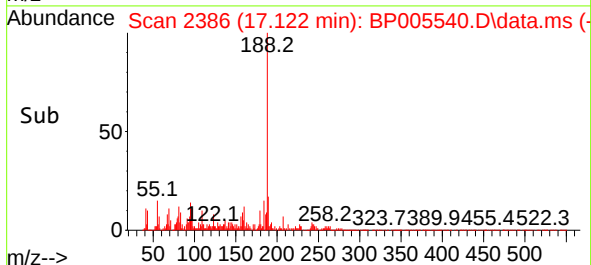
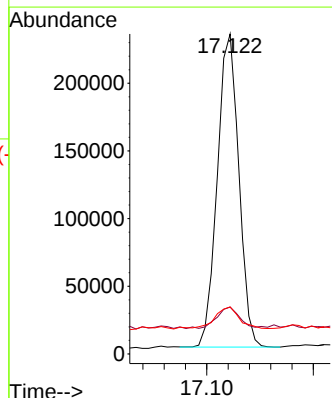
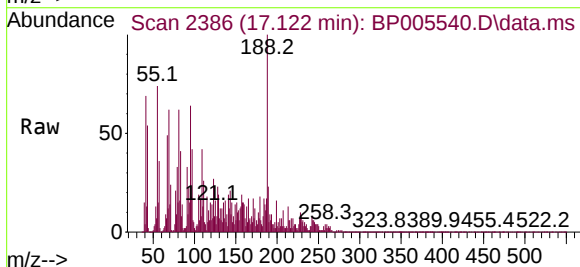
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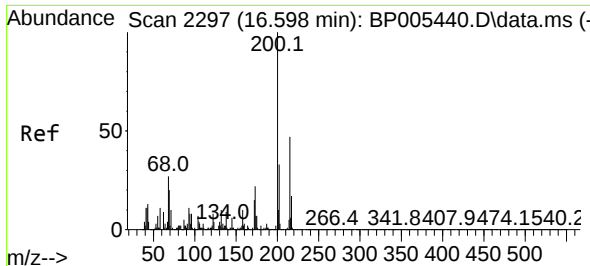
Tgt Ion:172 Resp: 72002
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.9 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. 0.023 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:188 Resp: 323858
Ion Ratio Lower Upper
188 100
94 14.6 5.0 7.6#
80 14.7 5.9 8.9#

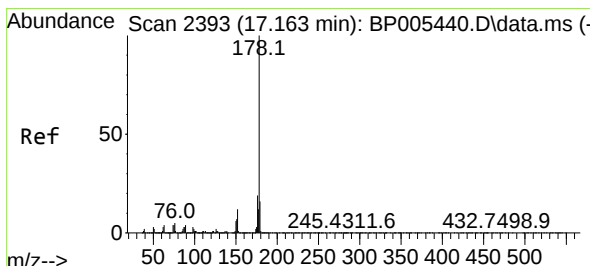
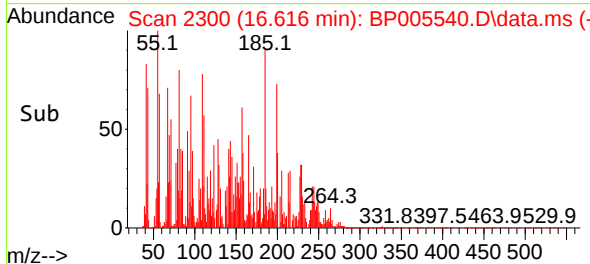
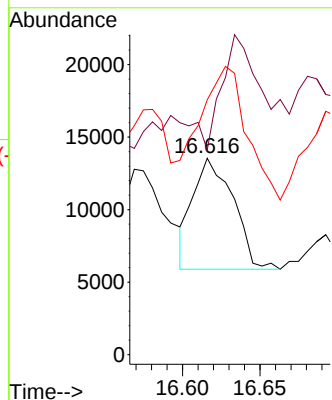
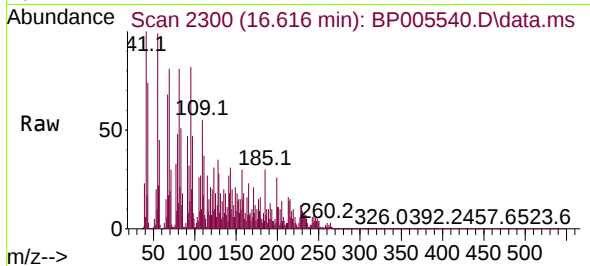




#69
Atrazine
Concen: 3.13 ng
RT: 16.616 min Scan# 2300
Delta R.T. 0.041 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

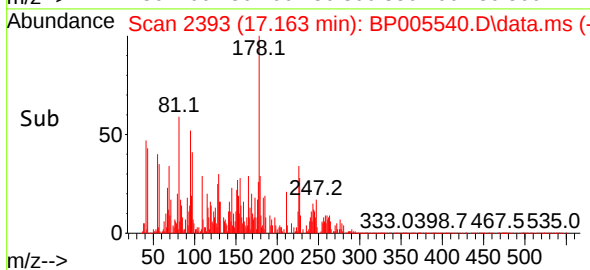
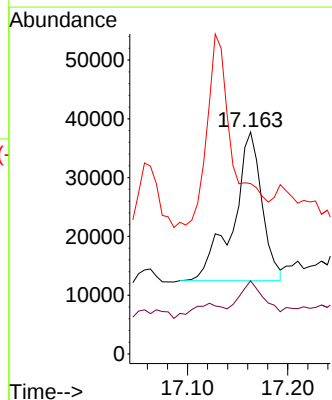
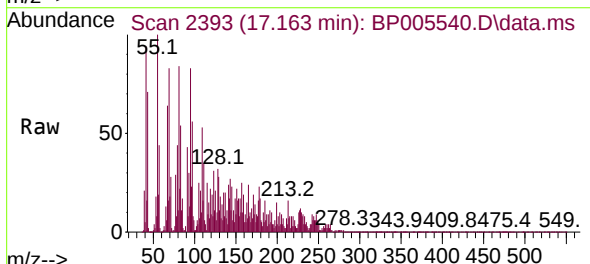
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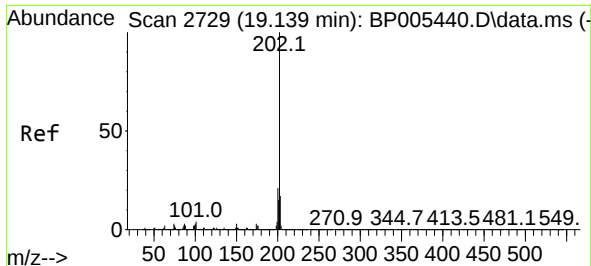
Tgt Ion:200 Resp: 13840
Ion Ratio Lower Upper
200 100
173 104.2 0.7 40.7#
215 129.7 29.0 69.0#



#71
Phenanthrene
Concen: 2.74 ng
RT: 17.163 min Scan# 2393
Delta R.T. 0.023 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:178 Resp: 50448
Ion Ratio Lower Upper
178 100
176 33.0 15.4 23.2#
179 76.8 12.3 18.5#

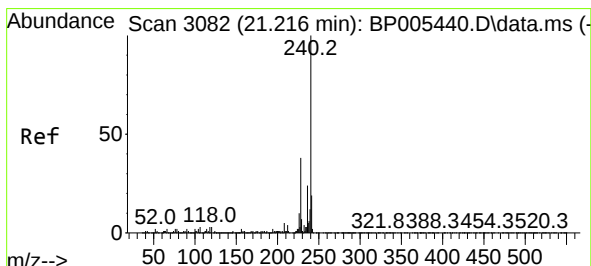
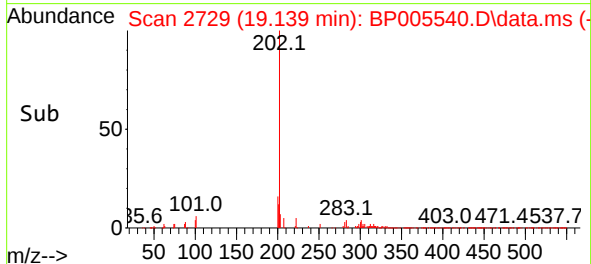
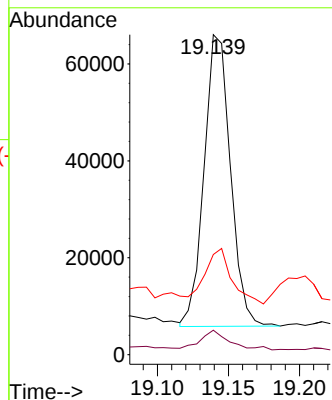
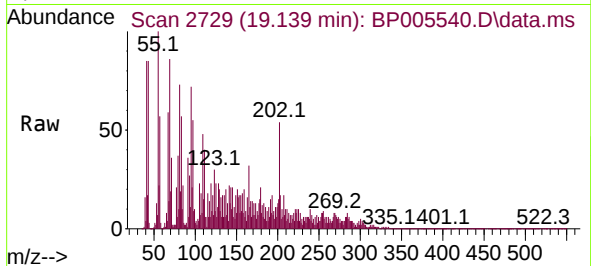




#75
Fluoranthene
Concen: 3.08 ng
RT: 19.139 min Scan# 2729
Delta R.T. 0.023 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

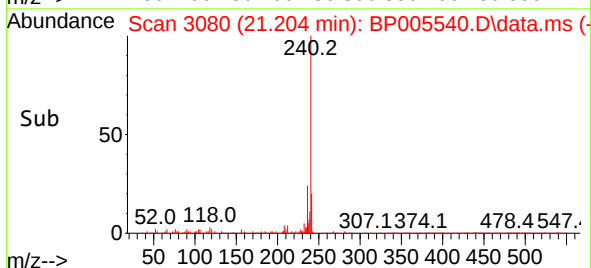
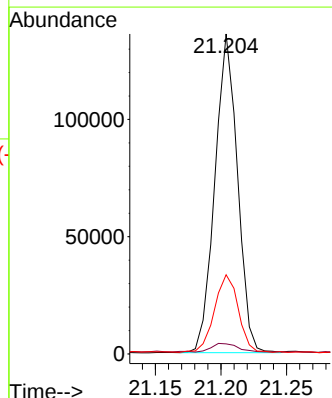
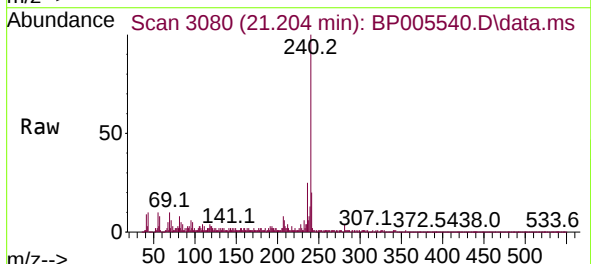
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

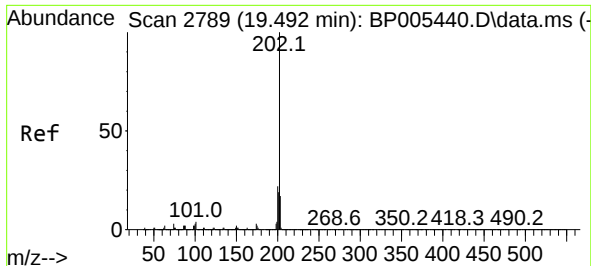
Tgt Ion:202 Resp: 78056
Ion Ratio Lower Upper
202 100
101 7.6 0.0 26.1
203 31.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:240 Resp: 162681
Ion Ratio Lower Upper
240 100
120 3.2 4.2 6.2#
236 24.7 20.2 30.2

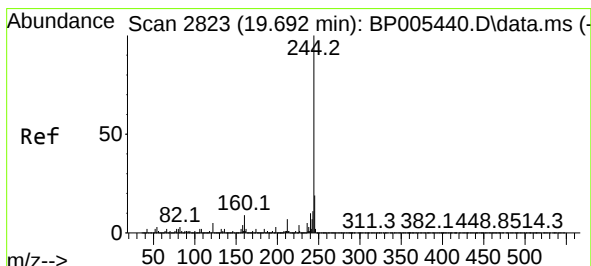
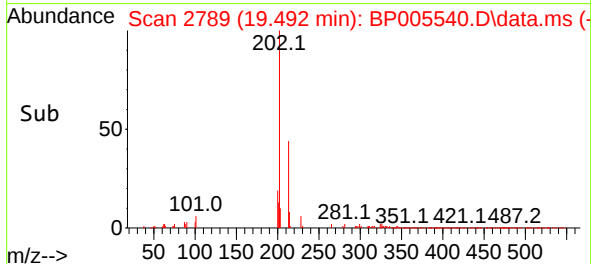
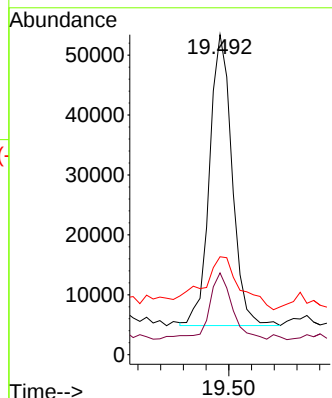
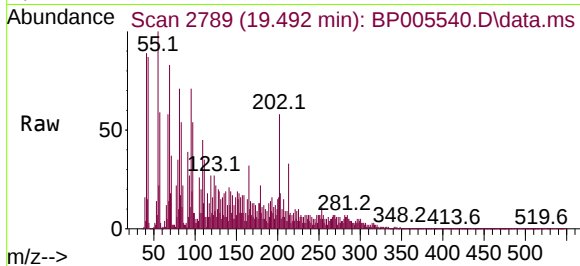




#78
Pyrene
Concen: 7.28 ng
RT: 19.492 min Scan# 2789
Delta R.T. 0.023 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

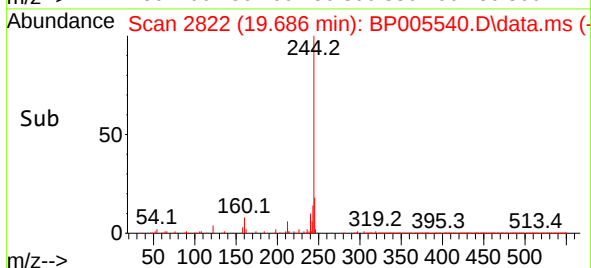
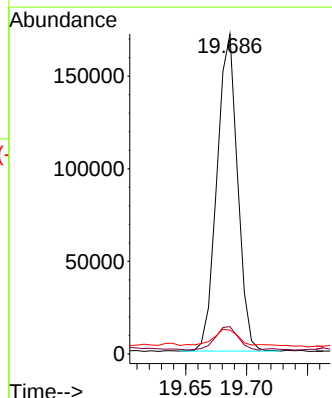
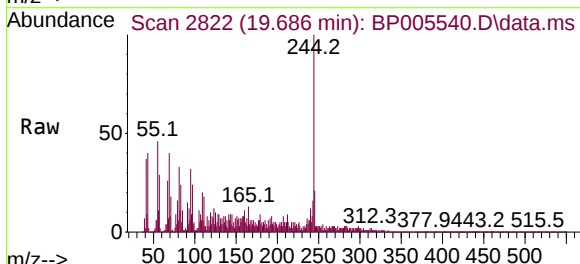
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

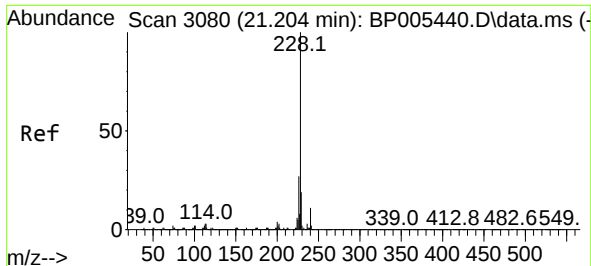
Tgt Ion:202 Resp: 67007
Ion Ratio Lower Upper
202 100
200 25.6 16.9 25.3#
203 30.6 13.8 20.6#



#79
Terphenyl-d14
Concen: 21.05 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.018 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:244 Resp: 201638
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.6
122 7.4 5.2 7.8

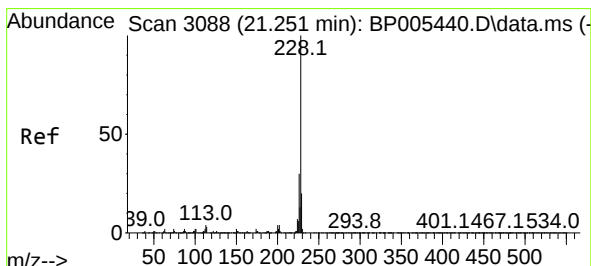
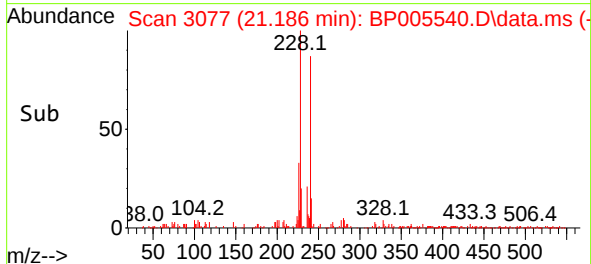
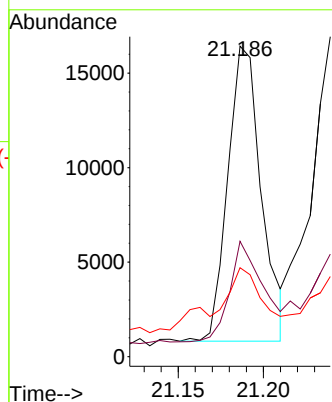
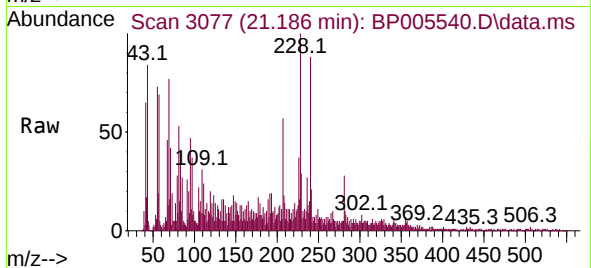




#81
Benzo(a)anthracene
Concen: 2.03 ng
RT: 21.186 min Scan# 3077
Delta R.T. 0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

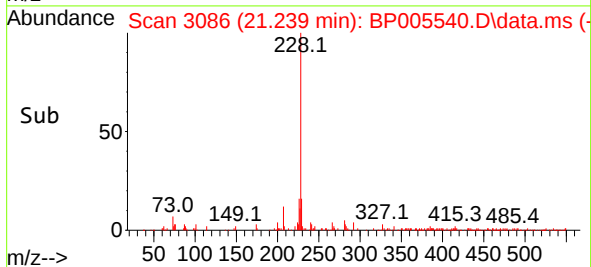
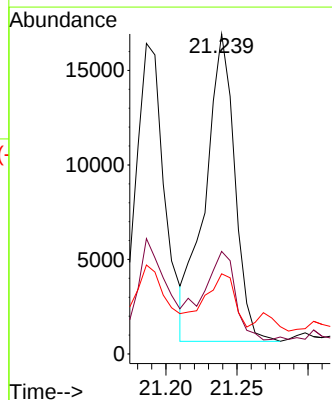
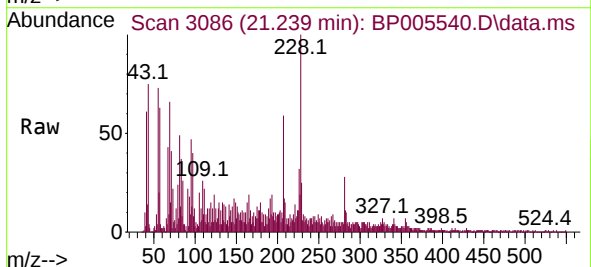
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

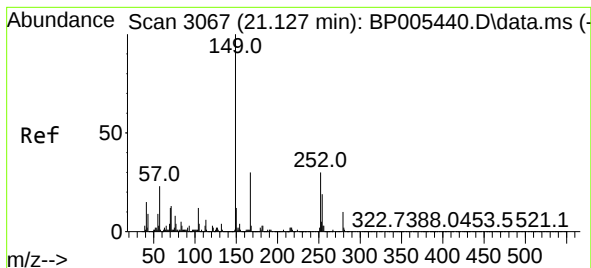
Tgt Ion:228 Resp: 21350
Ion Ratio Lower Upper
228 100
226 37.1 21.2 31.8#
229 28.6 15.6 23.4#



#83
Chrysene
Concen: 2.31 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:228 Resp: 23622
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 25.0 15.4 23.0#



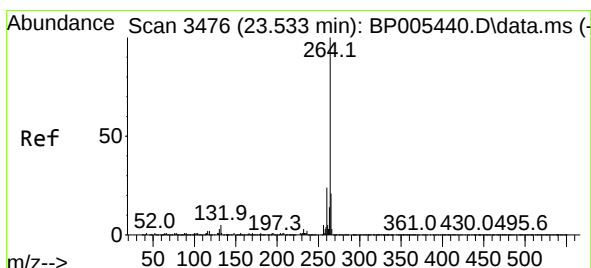
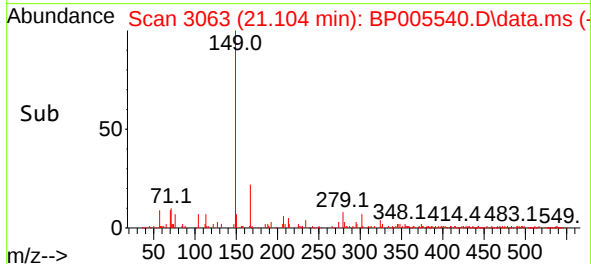
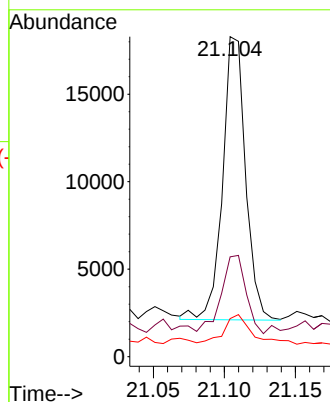
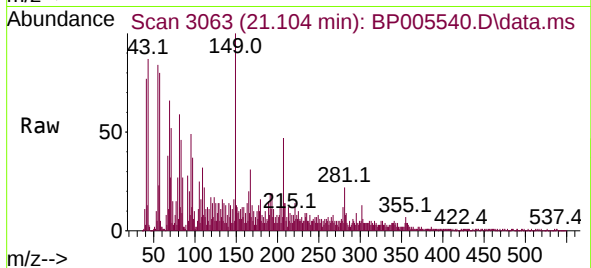


#84

Bis(2-ethylhexyl)phthalate
Concen: 4.01 ng
RT: 21.104 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27051

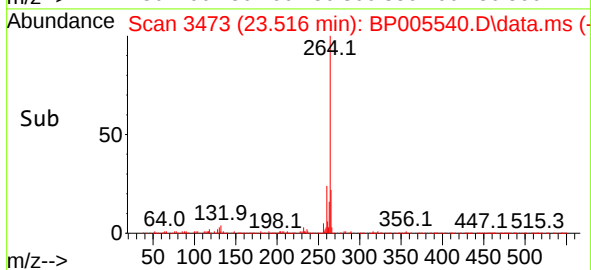
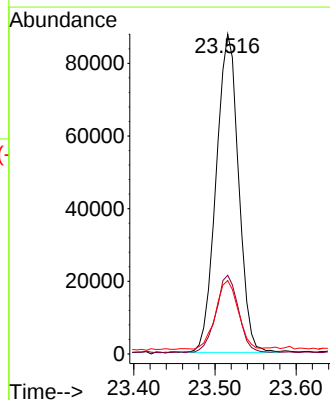
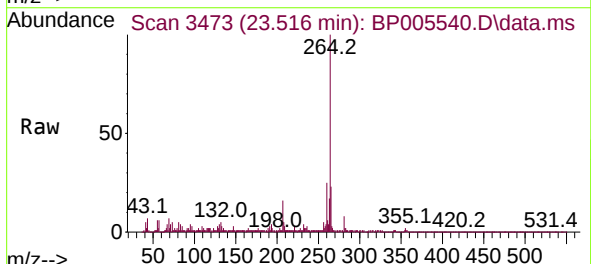
Tgt Ion:149 Resp: 18230
Ion Ratio Lower Upper
149 100
167 31.2 23.8 35.8
279 11.9 5.7 8.5#

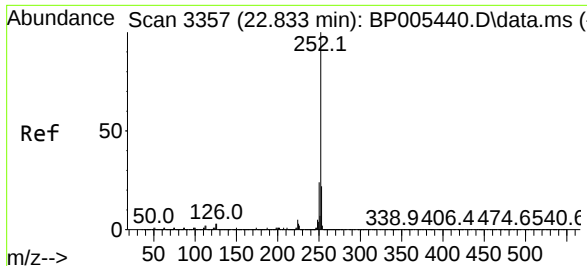


#86

Perylene-d12
Concen: 20.00 ng
RT: 23.516 min Scan# 3473
Delta R.T. 0.012 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:264 Resp: 168777
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 23.0 19.0 28.6

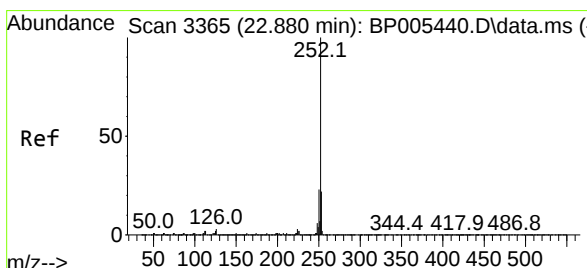
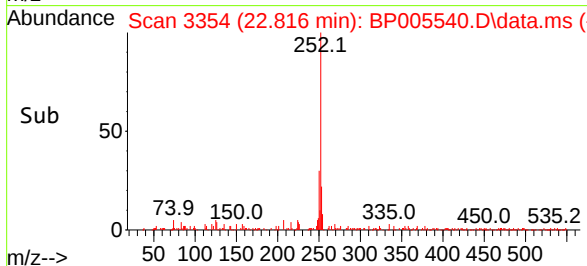
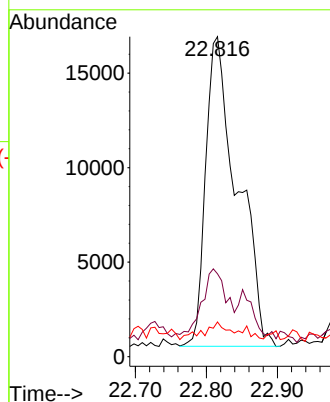
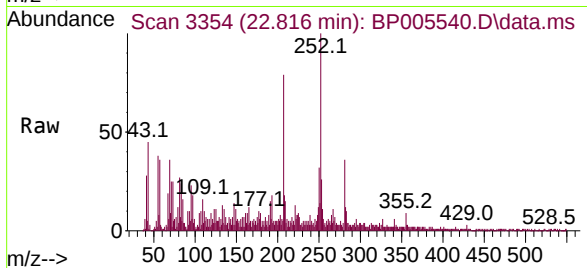




#88
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 22.816 min Scan# 3354
Delta R.T. 0.018 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

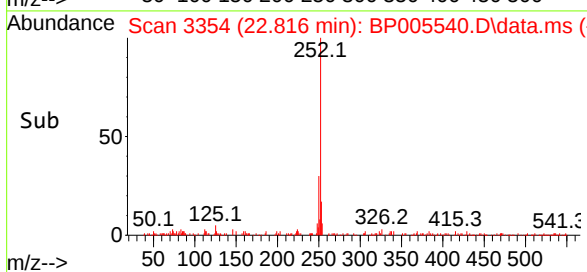
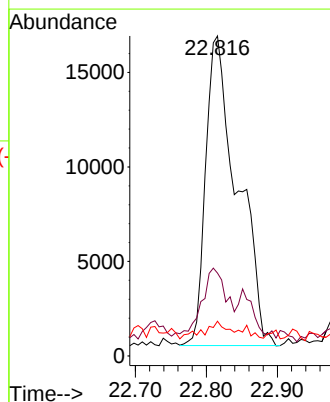
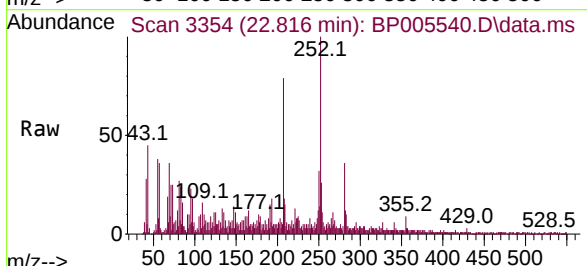
Instrument :
BNA_P
ClientSampleId :
CHRT-27051

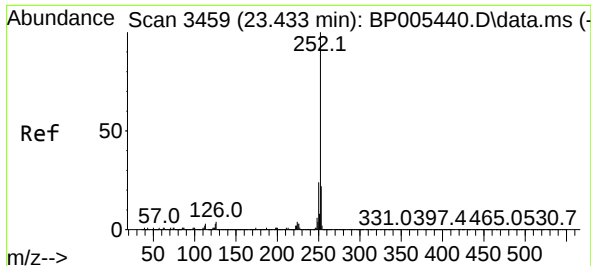
Tgt Ion:252 Resp: 50826
Ion Ratio Lower Upper
252 100
253 25.9 18.2 27.2
125 10.9 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 4.62 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.029 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:252 Resp: 50826
Ion Ratio Lower Upper
252 100
253 25.9 17.2 25.8#
125 10.9 3.8 5.6#

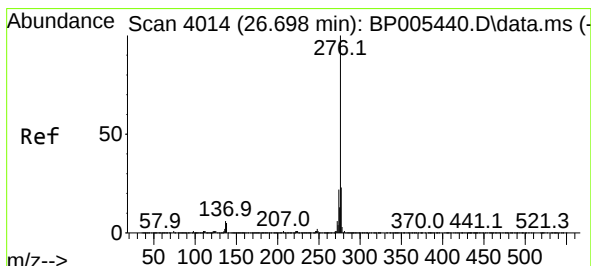
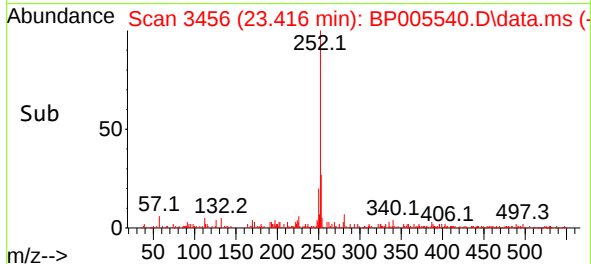
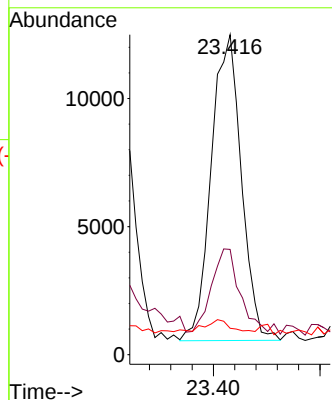
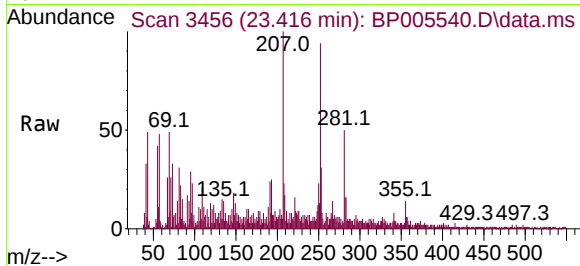




#90
Benzo(a)pyrene
Concen: 2.27 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.018 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27051

Tgt Ion:252 Resp: 23412
Ion Ratio Lower Upper
252 100
253 32.9 17.1 25.7#
125 8.2 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 2.18 ng
RT: 26.662 min Scan# 4008
Delta R.T. 0.023 min
Lab File: BP005540.D
Acq: 14 May 2021 02:46

Tgt Ion:276 Resp: 25262
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.8
138 6.5 7.7 11.5#

