

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009577.D
 Acq On : 28 Mar 2022 21:43
 Operator : CG/JU
 Sample : N2103-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-2001

Quant Time: Mar 29 03:14:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

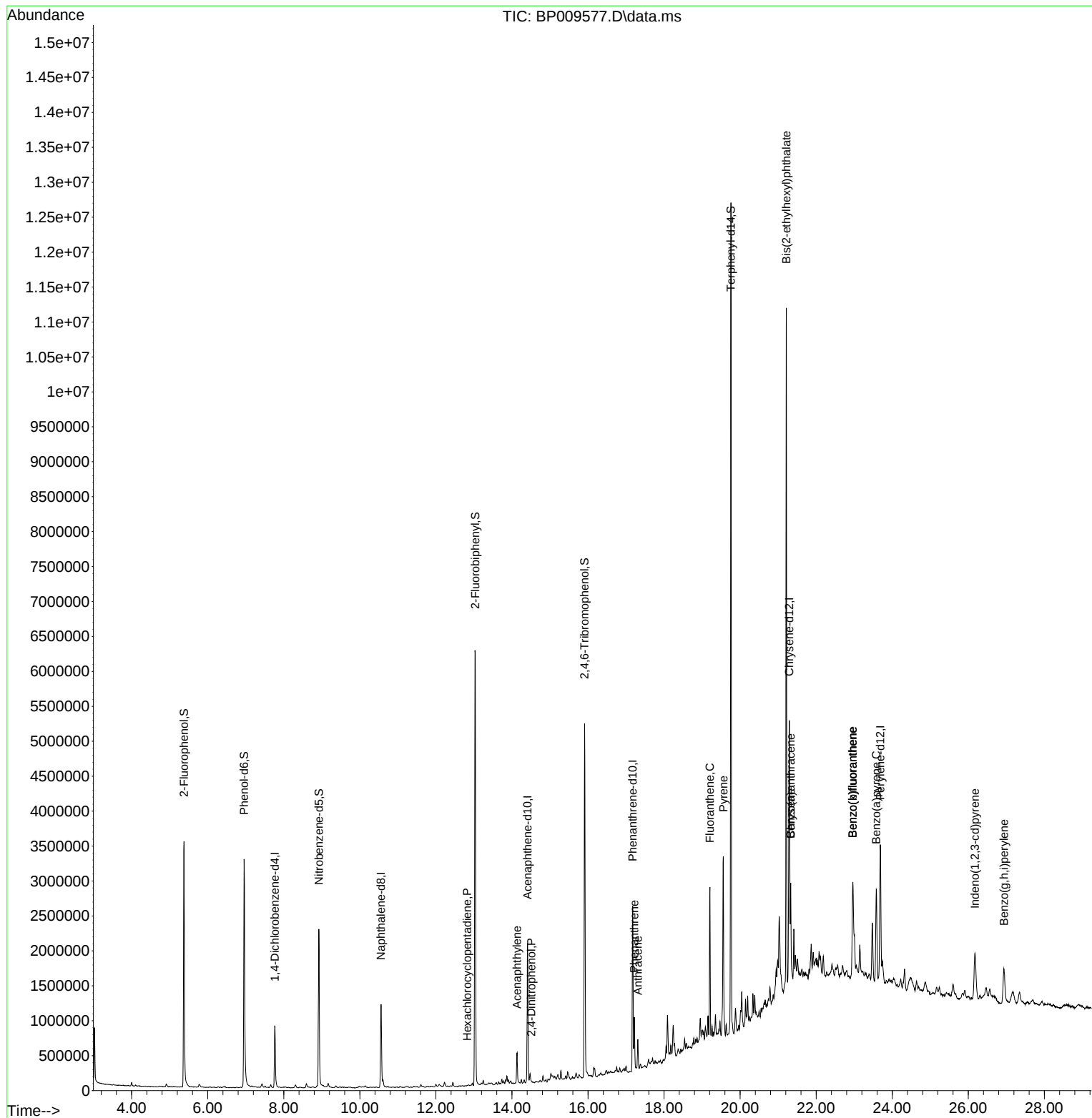
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	279108	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1137308	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	735585	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1532312	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1508417	20.000	ng	0.00
86) Perylene-d12	23.686	264	1667163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1899709	118.834	ng	0.00
7) Phenol-d6	6.958	99	2447291	113.201	ng	0.00
23) Nitrobenzene-d5	8.922	82	1547170	72.291	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1154819	95.137	ng	-0.01
45) 2-Fluorobiphenyl	13.034	172	3780499	71.248	ng	0.00
79) Terphenyl-d14	19.757	244	6008451	71.496	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.952	77	7160	Below Cal	#	30
41) Hexachlorocyclopentadiene	12.822	237	31	7.291	ng	85
49) Acenaphthylene	14.134	152	373649	5.602	ng	99
54) 2,4-Dinitrophenol	14.510	184	133	4.550	ng	# 1
71) Phenanthrene	17.216	178	492139	6.000	ng	99
72) Anthracene	17.310	178	284812	3.517	ng	99
75) Fluoranthene	19.204	202	1270101	12.790	ng	98
78) Pyrene	19.557	202	1597012	16.067	ng	100
81) Benzo(a)anthracene	21.327	228	870525	8.784	ng	93
83) Chrysene	21.327	228	870525	9.277	ng	97
84) Bis(2-ethylhexyl)phtha...	21.216	149	3907953	66.362	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.174	276	647667	5.121	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	1603548	16.112	ng	98
89) Benzo(k)fluoranthene	22.963	252	1603548	16.456	ng	97
90) Benzo(a)pyrene	23.580	252	987443	11.596	ng	98
92) Benzo(g,h,i)perylene	26.939	276	698756	6.738	ng	96

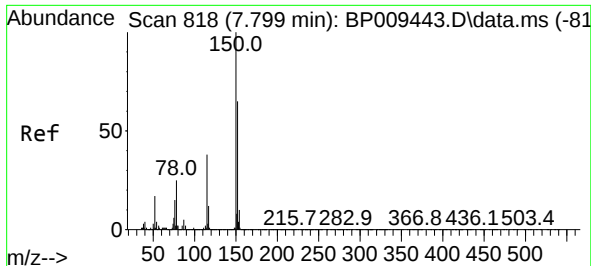
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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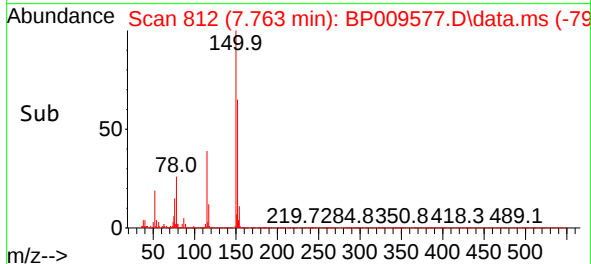
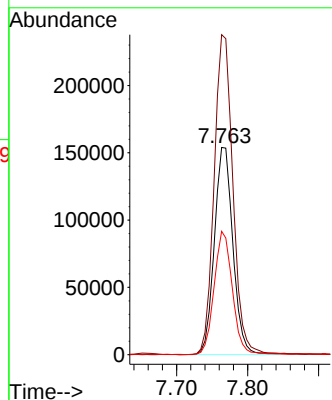
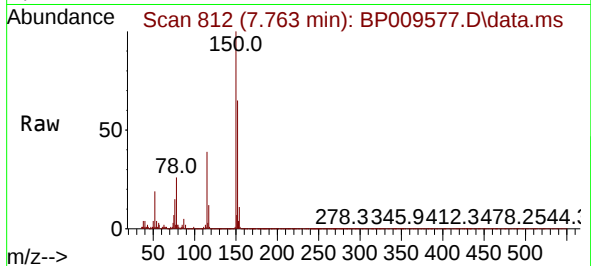




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

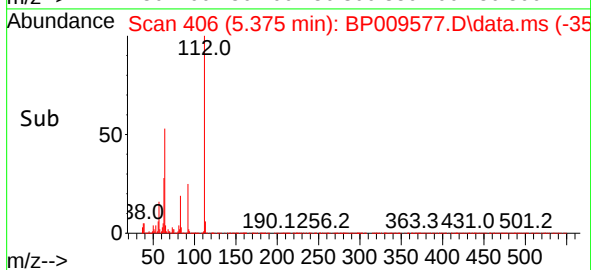
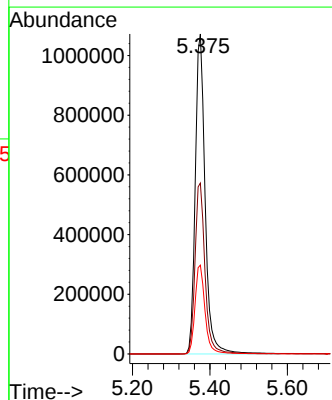
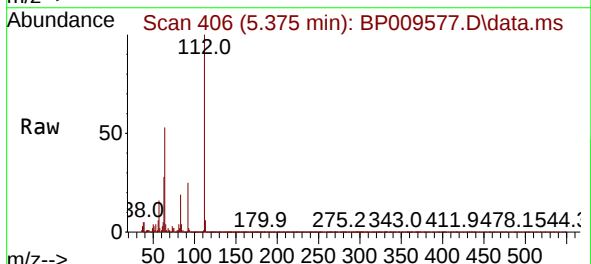
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

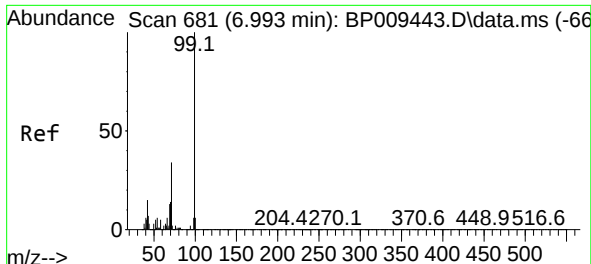
Tgt Ion:152 Resp: 279108
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 59.6 48.2 72.4



#5
2-Fluorophenol
Concen: 118.834 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:112 Resp: 1899709
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 27.8 23.0 34.6



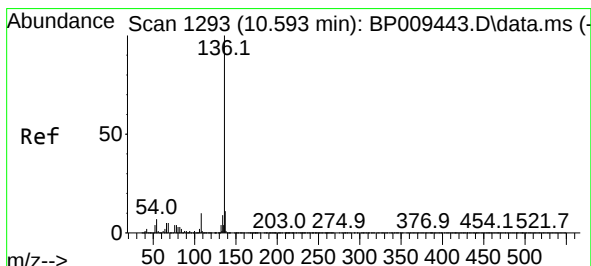
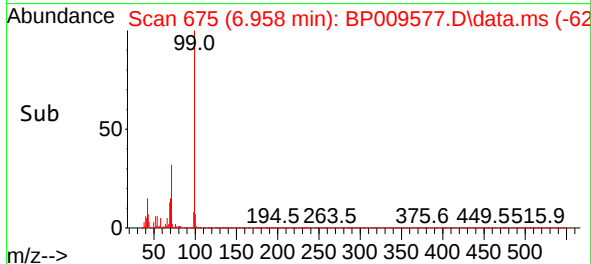
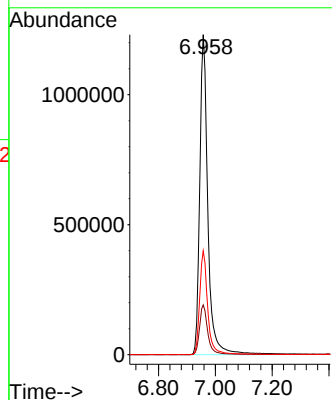
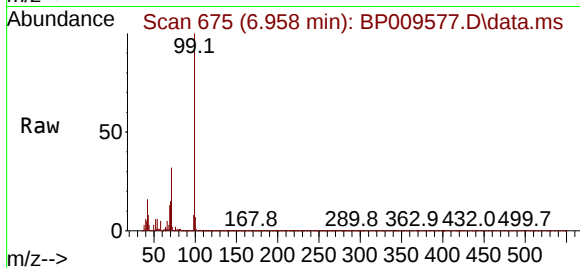


#7
Phenol-d6
Concen: 113.201 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion: 99 Resp: 2447291

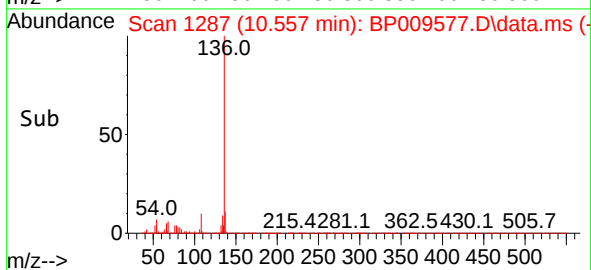
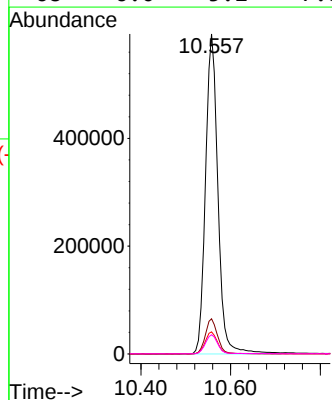
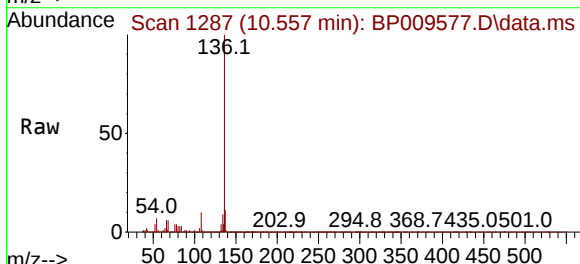
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	32.5	26.3	39.5

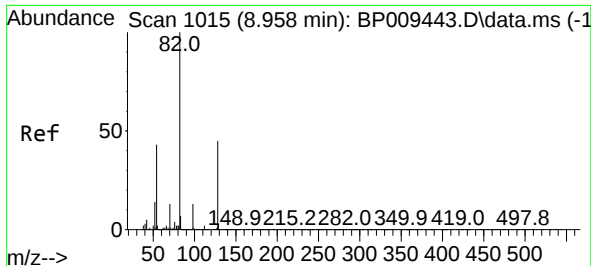


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion: 136 Resp: 1137308

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.9	5.8	8.8
68	6.0	5.2	7.8

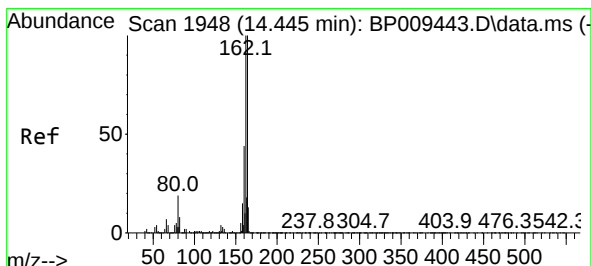
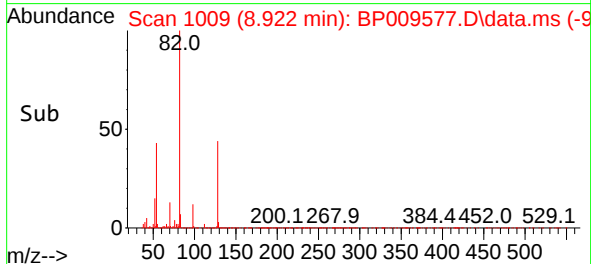
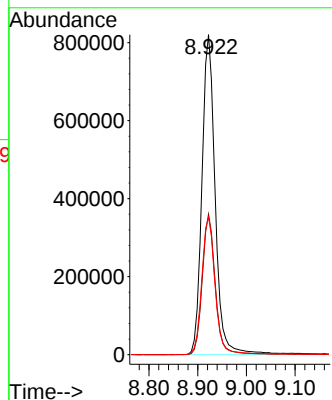
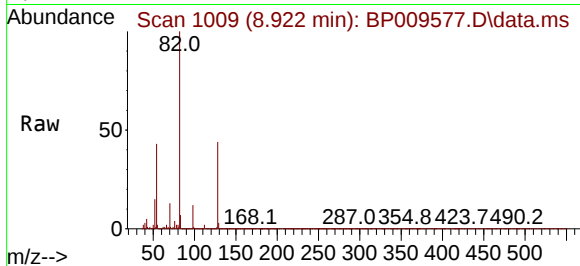




#23
Nitrobenzene-d5
Concen: 72.291 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

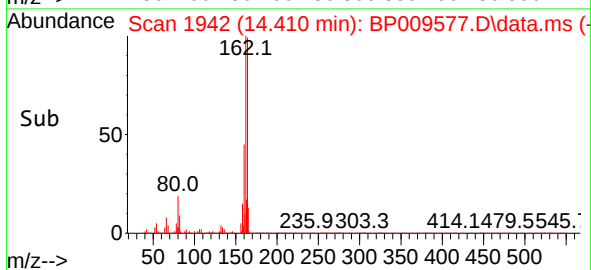
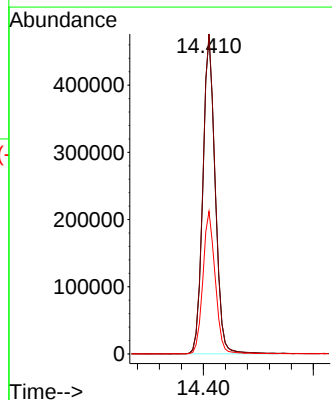
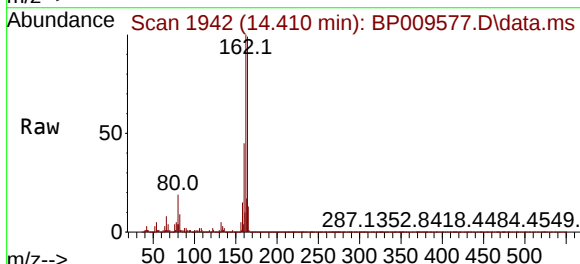
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

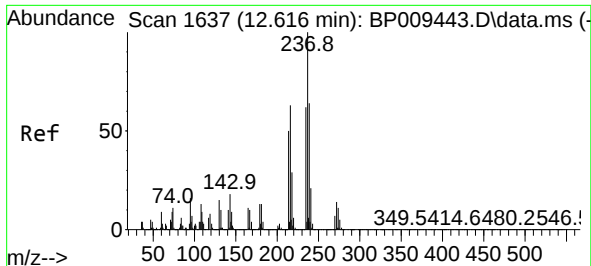
Tgt Ion: 82 Resp: 1547170
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:164 Resp: 735585
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 45.0 34.9 52.3

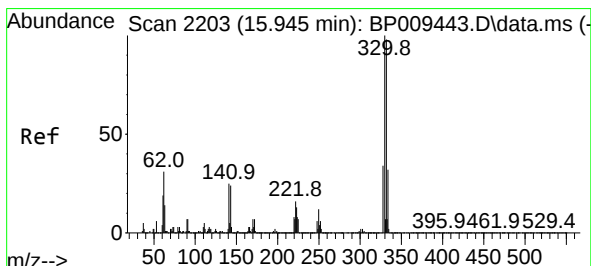
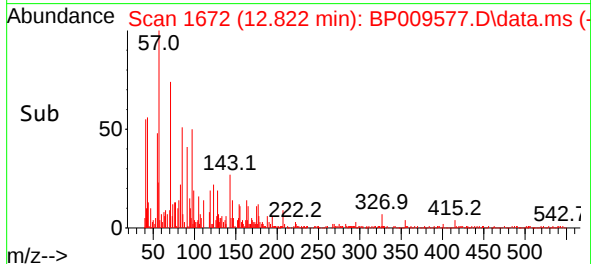
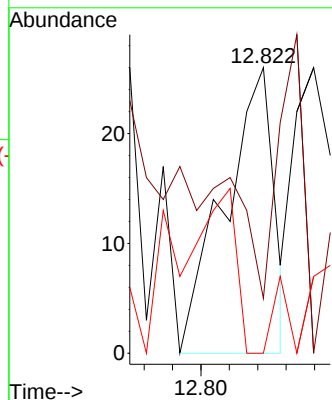
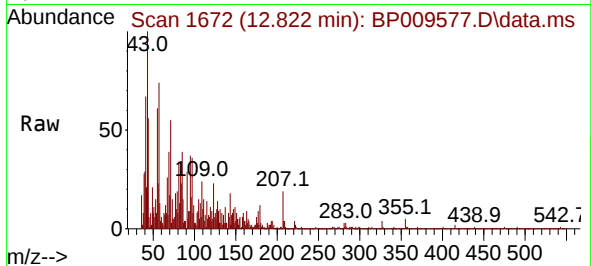




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.822 min Scan# 1
Delta R.T. 0.235 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

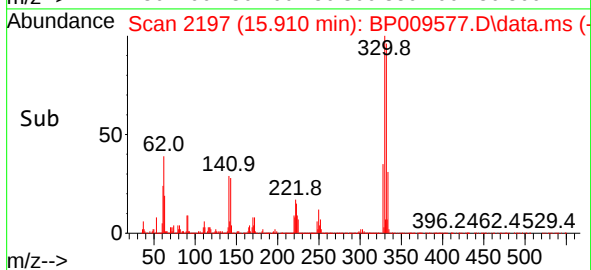
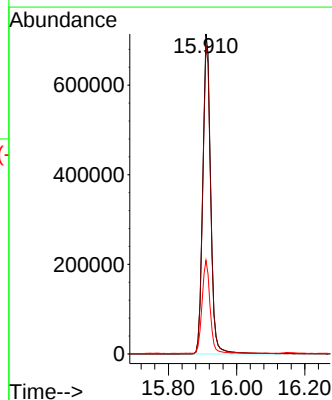
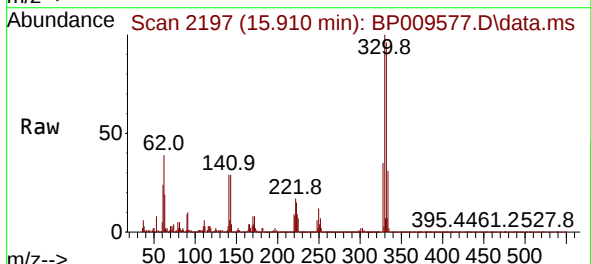
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

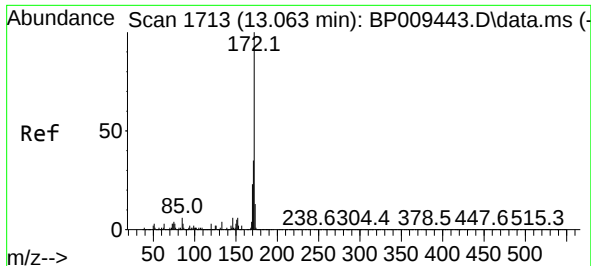
Tgt Ion:	237	Resp:	31
Ion	Ratio	Lower	Upper
237	100		
235	53.8	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 95.137 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:	330	Resp:	1154819
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.1	27.6	41.4

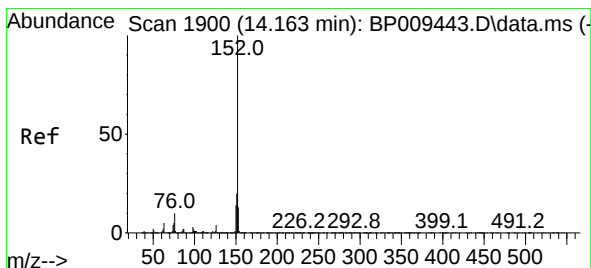
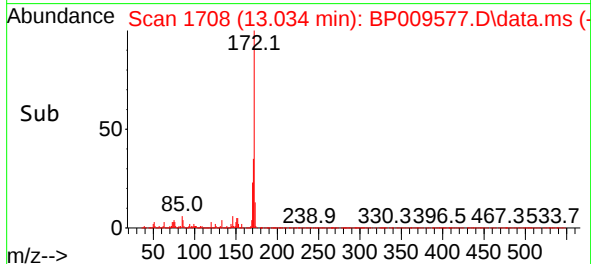
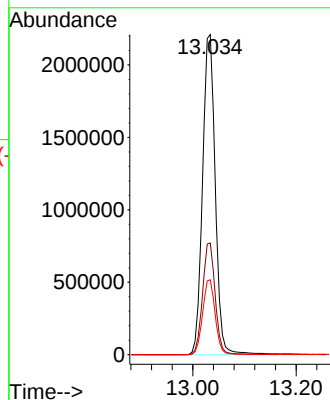
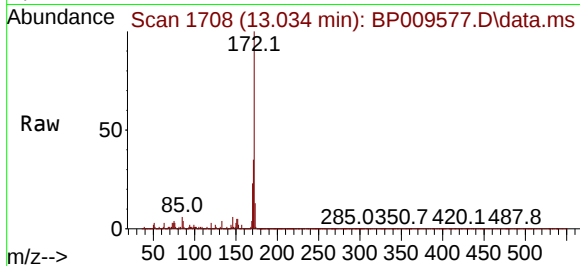




#45
2-Fluorobiphenyl
Concen: 71.248 ng
RT: 13.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

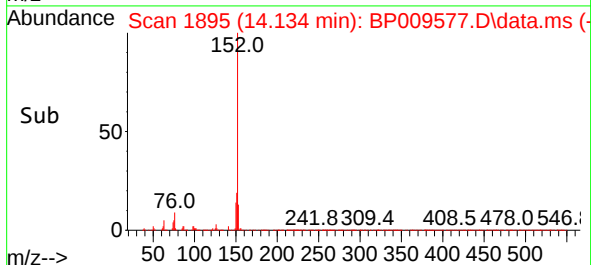
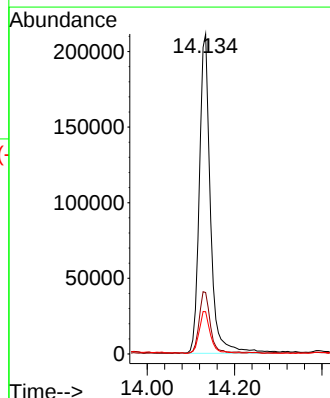
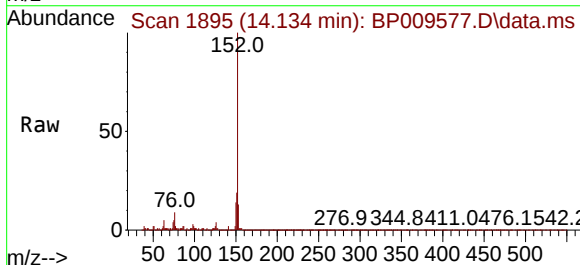
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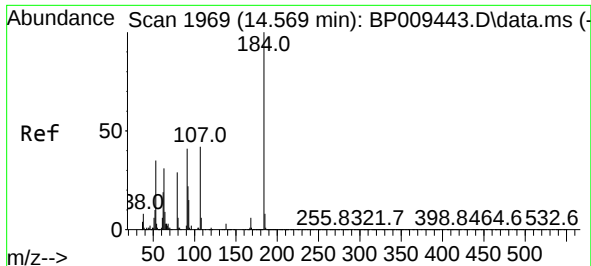
Tgt Ion:172 Resp: 3780499
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.6 27.8



#49
Acenaphthylene
Concen: 5.602 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:152 Resp: 373649
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.2 10.7 16.1

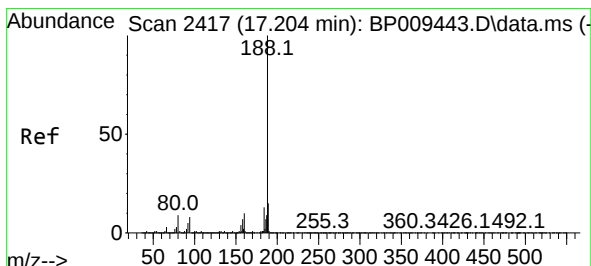
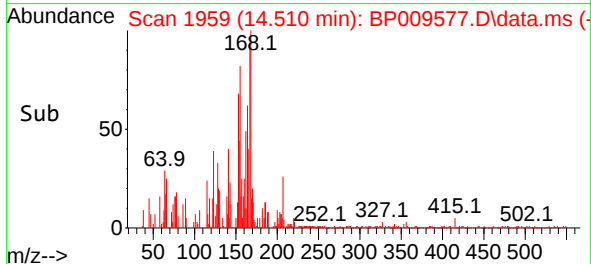
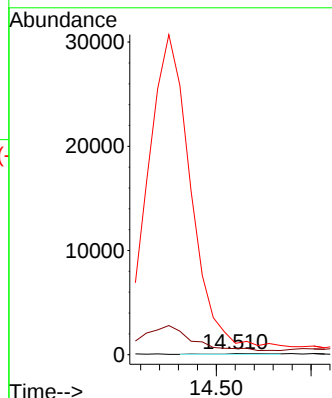
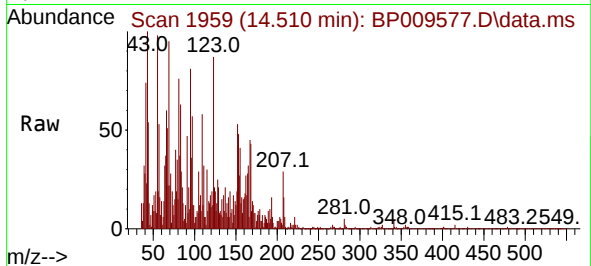




#54
2,4-Dinitrophenol
Concen: 4.550 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.041 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

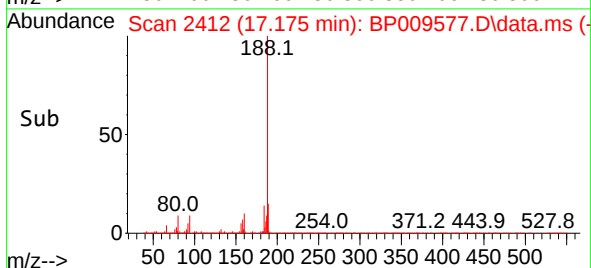
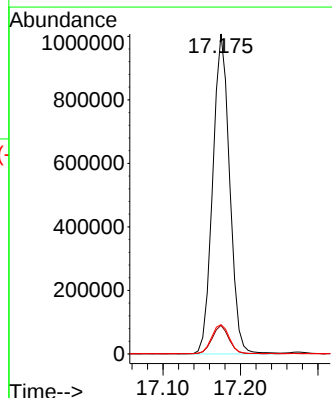
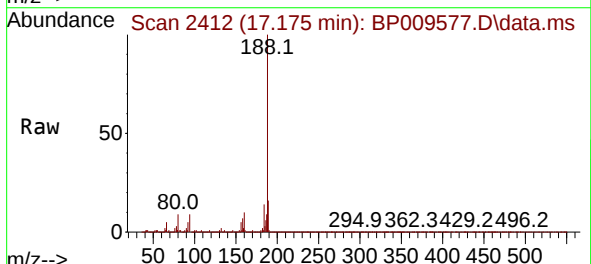
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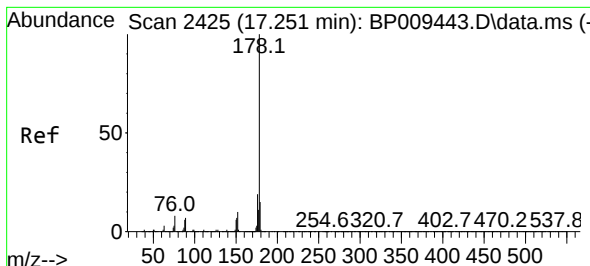
Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 574.5 46.3 69.5#
154 1072.5 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:188 Resp: 1532312
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.1 8.8 13.2





#71

Phenanthrene

Concen: 6.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

Instrument :

BNA_P

ClientSampleId :

CHRT-2001

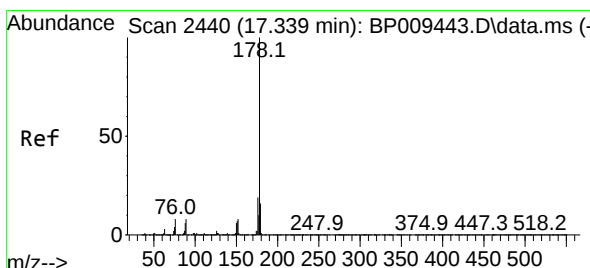
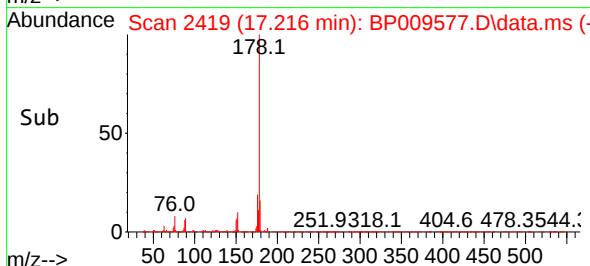
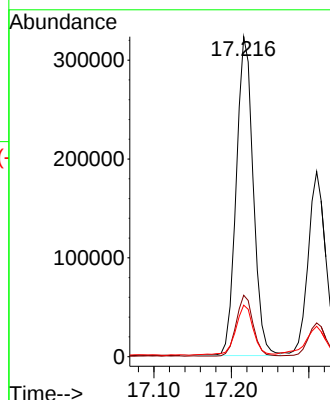
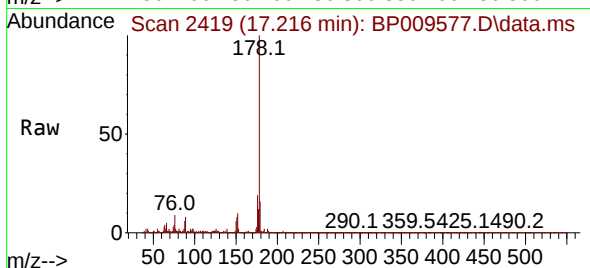
Tgt Ion:178 Resp: 492139

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 16.1 12.3 18.5



#72

Anthracene

Concen: 3.517 ng

RT: 17.310 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

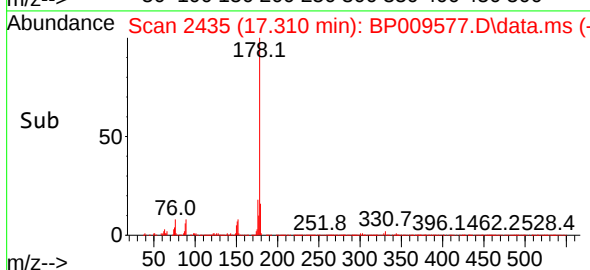
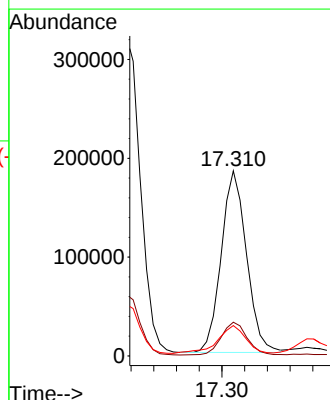
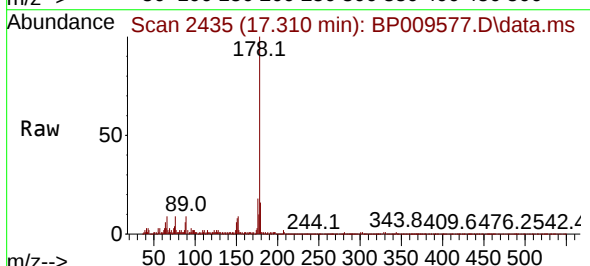
Tgt Ion:178 Resp: 284812

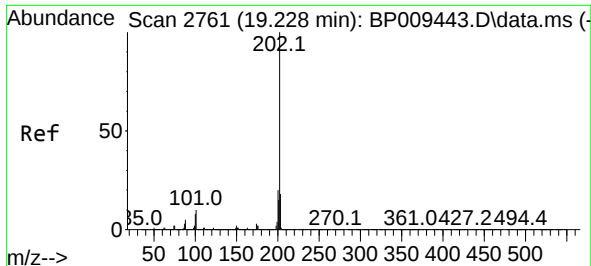
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 16.4 12.2 18.4

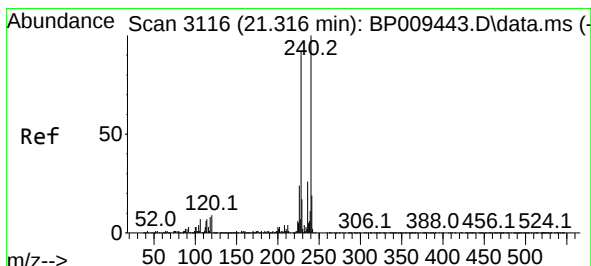
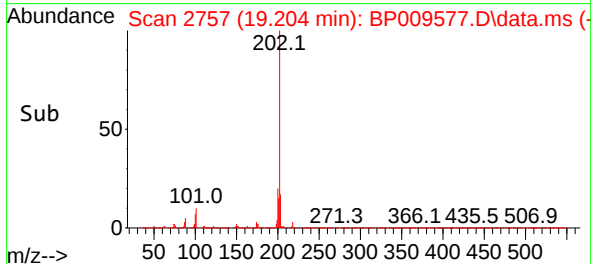
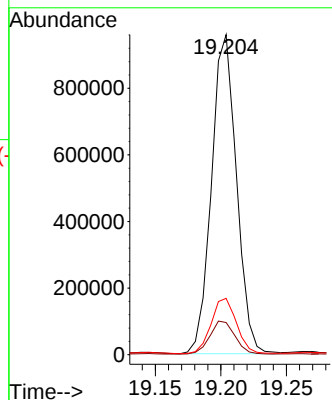
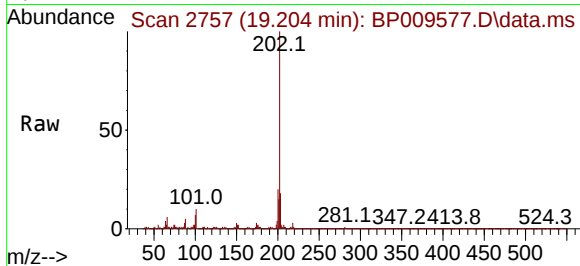




#75
Fluoranthene
Concen: 12.790 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

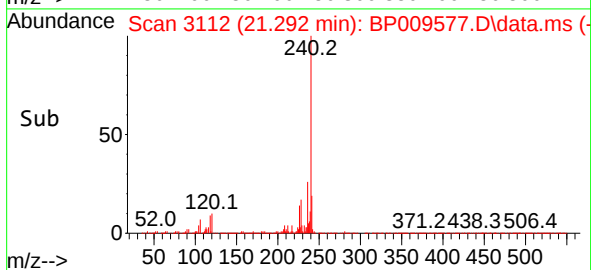
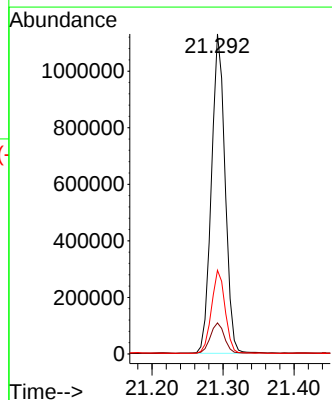
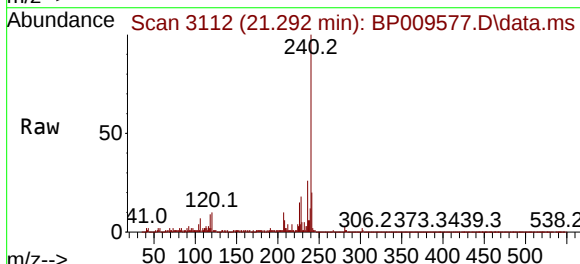
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

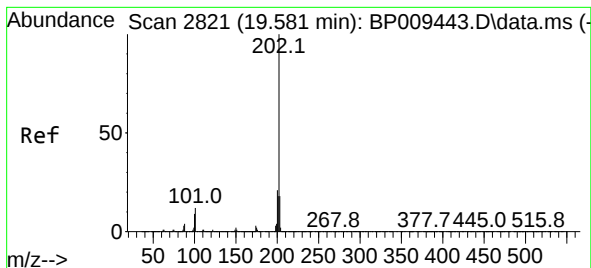
Tgt Ion:202 Resp: 1270101
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:240 Resp: 1508417
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.1 20.6 30.8





#78

Pyrene

Concen: 16.067 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

Instrument :

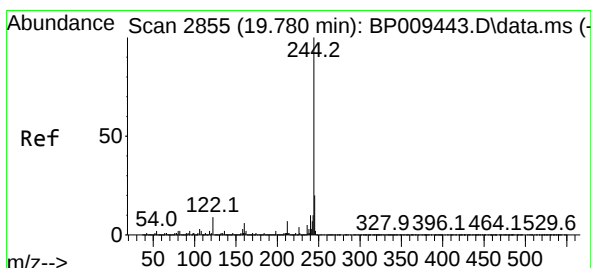
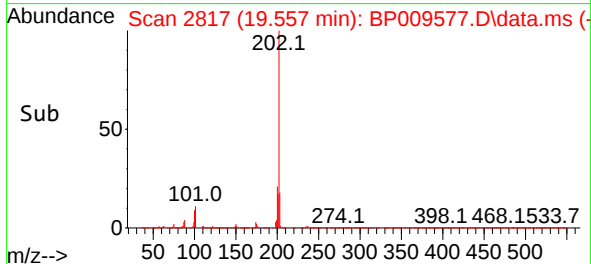
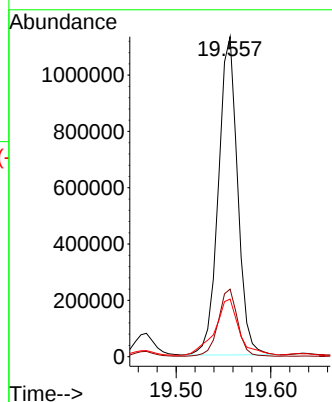
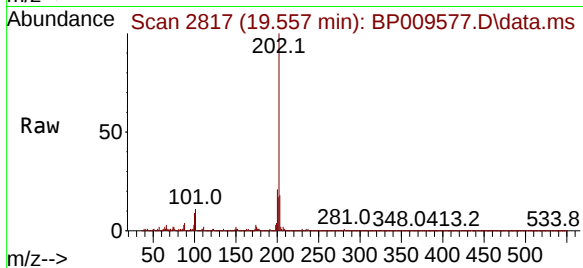
BNA_P

ClientSampleId :

CHRT-2001

Tgt Ion:202 Resp: 1597012

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.0	14.2	21.4



#79

Terphenyl-d14

Concen: 71.496 ng

RT: 19.757 min Scan# 2851

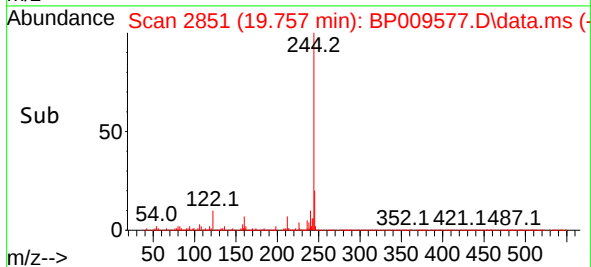
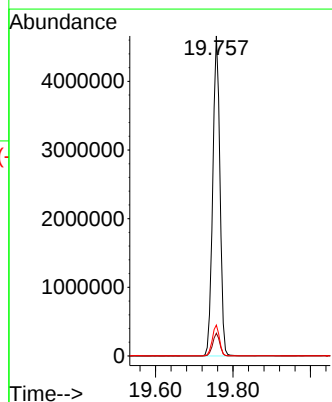
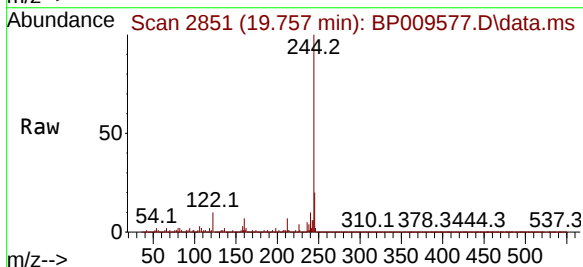
Delta R.T. -0.006 min

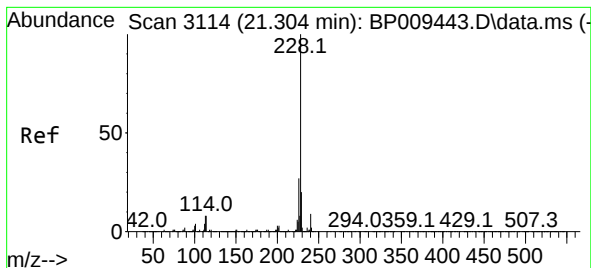
Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

Tgt Ion:244 Resp: 6008451

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.7	8.3	12.5





#81

Benzo(a)anthracene

Concen: 8.784 ng

RT: 21.327 min Scan# 3118

Delta R.T. 0.041 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

Instrument :

BNA_P

ClientSampleId :

CHRT-2001

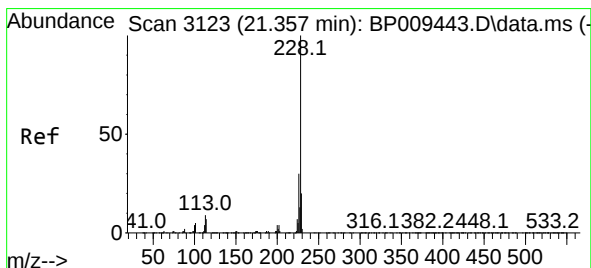
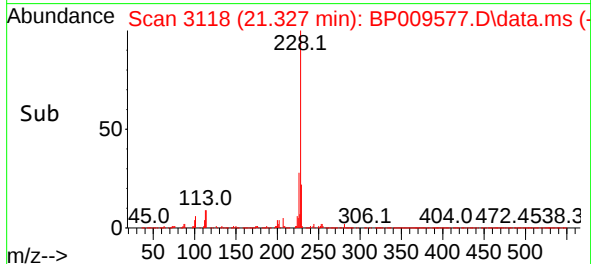
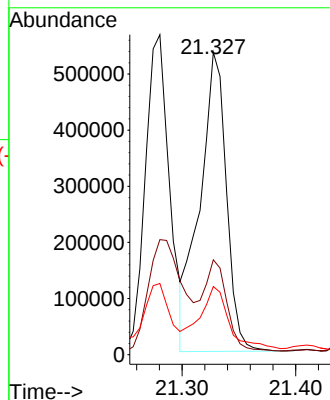
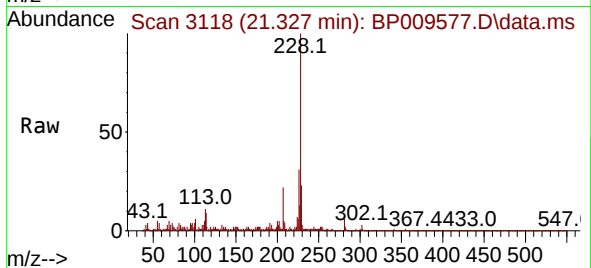
Tgt Ion:228 Resp: 870525

Ion Ratio Lower Upper

228 100

226 31.4 22.0 33.0

229 22.6 16.1 24.1



#83

Chrysene

Concen: 9.277 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

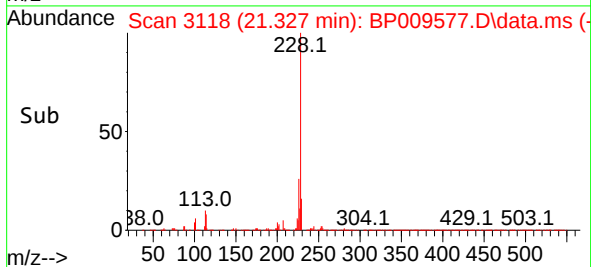
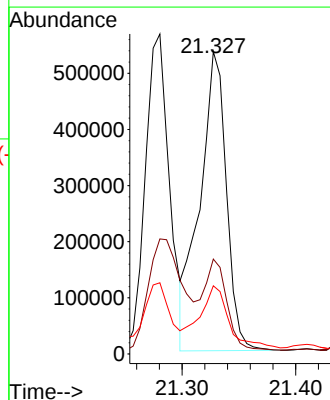
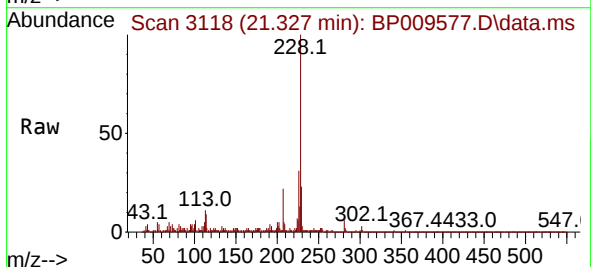
Tgt Ion:228 Resp: 870525

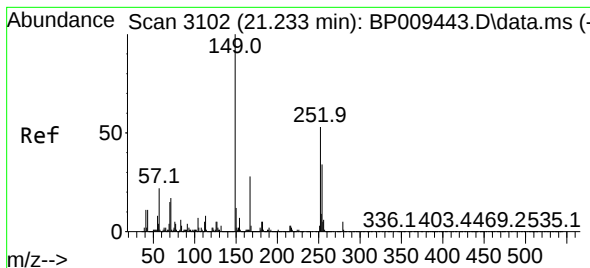
Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

229 22.6 16.1 24.1

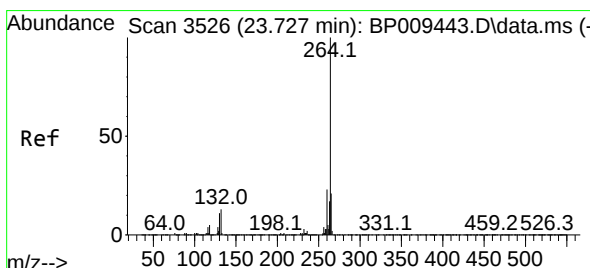
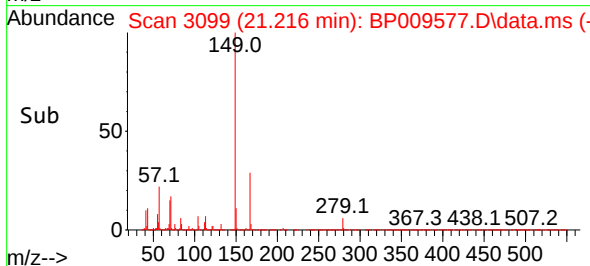
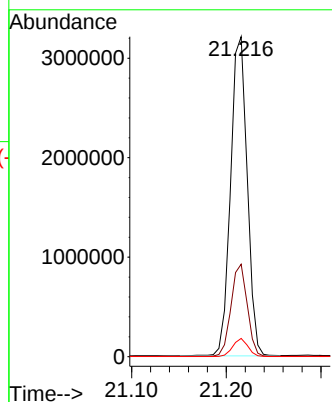
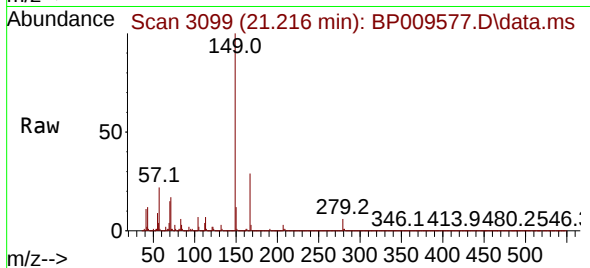




#84
Bis(2-ethylhexyl)phthalate
Concen: 66.362 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

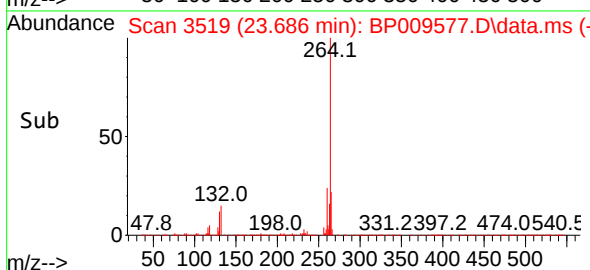
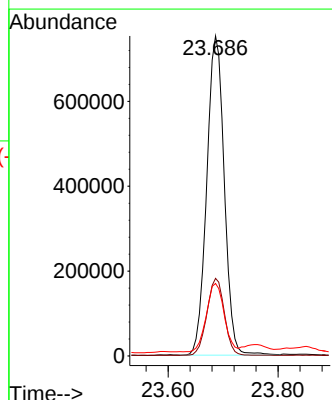
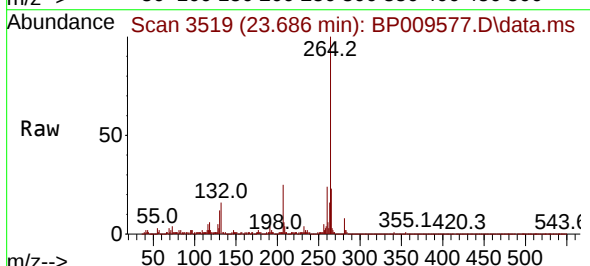
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

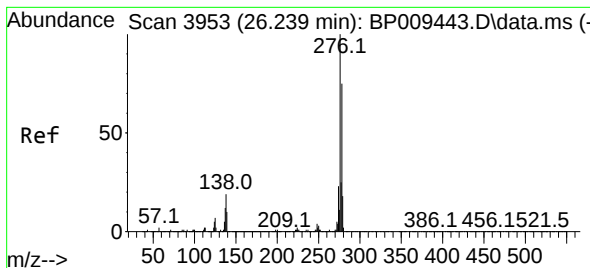
Tgt Ion:149 Resp: 3907953
Ion Ratio Lower Upper
149 100
167 28.9 22.6 33.8
279 5.7 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:264 Resp: 1667163
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 22.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.121 ng

RT: 26.174 min Scan# 3942

Delta R.T. -0.024 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

Instrument :

BNA_P

ClientSampleId :

CHRT-2001

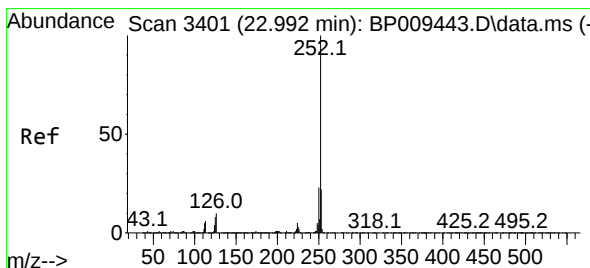
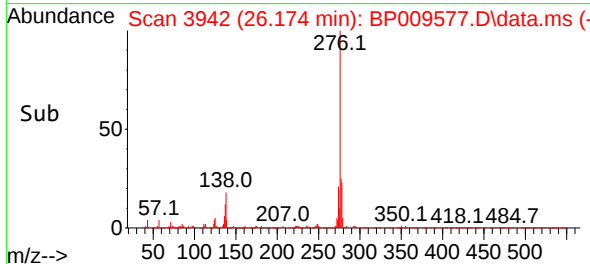
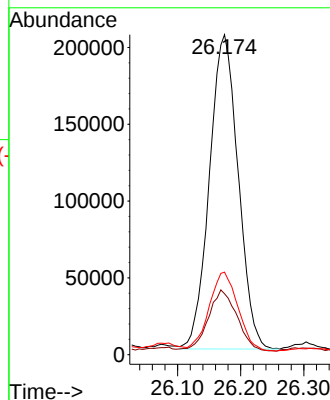
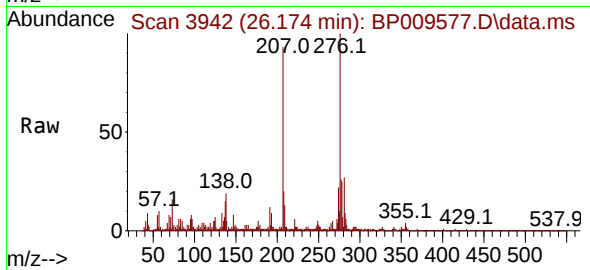
Tgt Ion:276 Resp: 647667

Ion Ratio Lower Upper

276 100

138 19.5 20.5 30.7#

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 16.112 ng

RT: 22.963 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BP009577.D

Acq: 28 Mar 2022 21:43

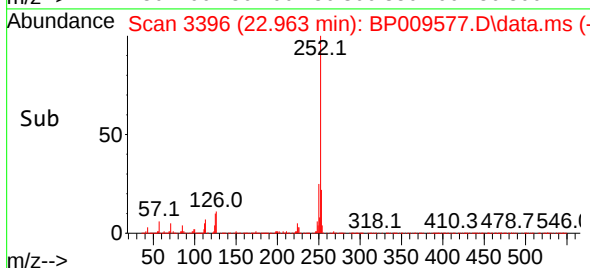
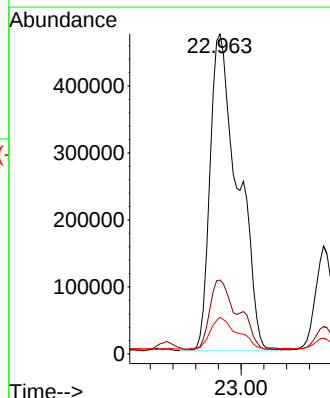
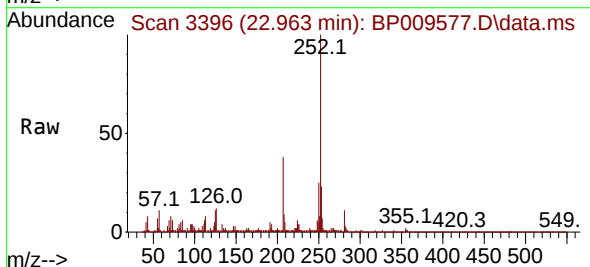
Tgt Ion:252 Resp: 1603548

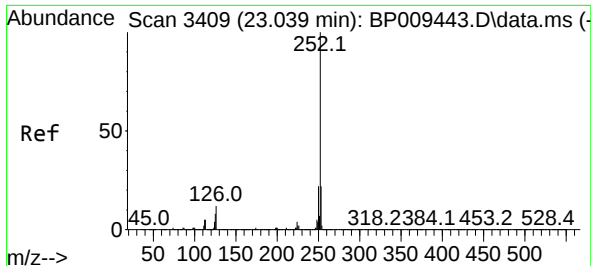
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.5 8.1 12.1

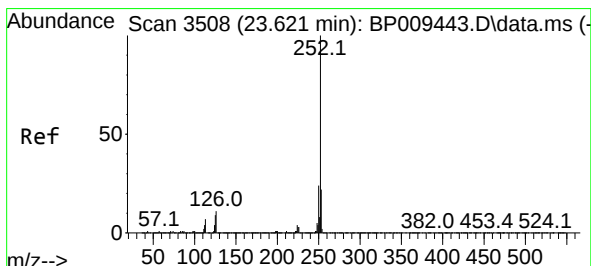
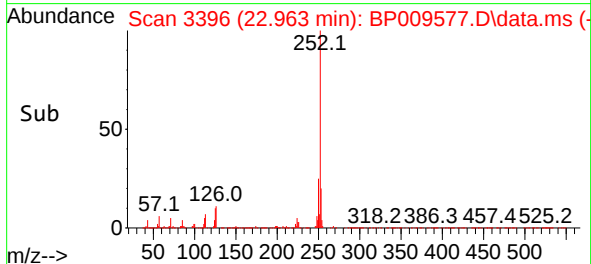
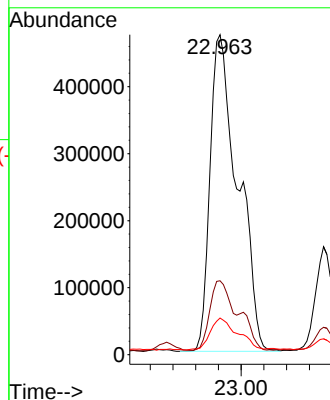
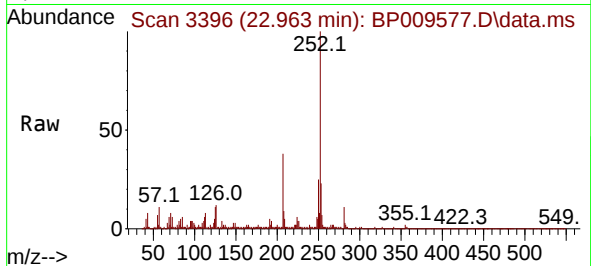




#89
Benzo(k)fluoranthene
Concen: 16.456 ng
RT: 22.963 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

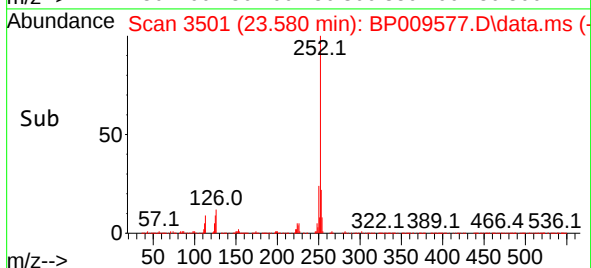
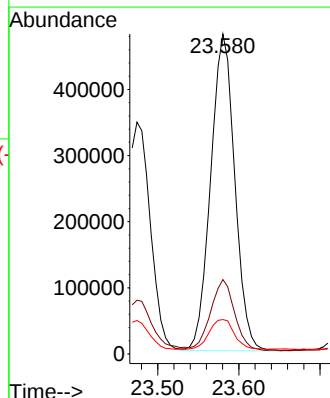
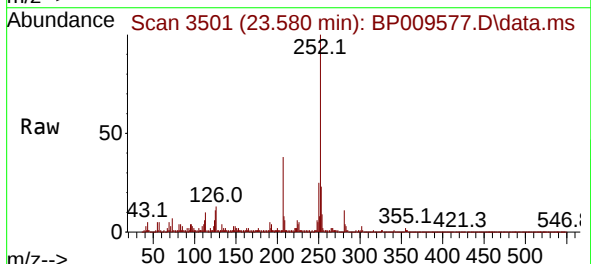
Instrument :
BNA_P
ClientSampleId :
CHRT-2001

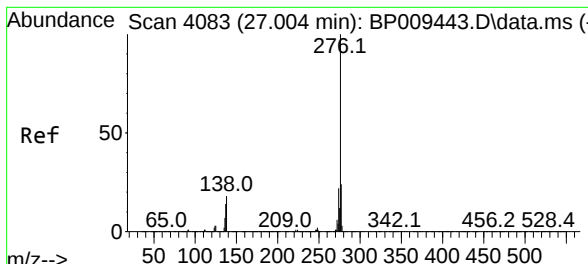
Tgt Ion:252 Resp: 1603548
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 11.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 11.596 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:252 Resp: 987443
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.8 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 6.738 ng
 RT: 26.939 min Scan# 4083
 Delta R.T. -0.012 min
 Lab File: BP009577.D
 Acq: 28 Mar 2022 21:43

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-2001

Tgt Ion: 276 Resp: 698756

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	19.4	18.0	27.0

