

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008072.D
 Acq On : 20 Nov 2021 23:20
 Operator : CG/JU
 Sample : M4766-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

Quant Time: Nov 22 05:35:45 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)

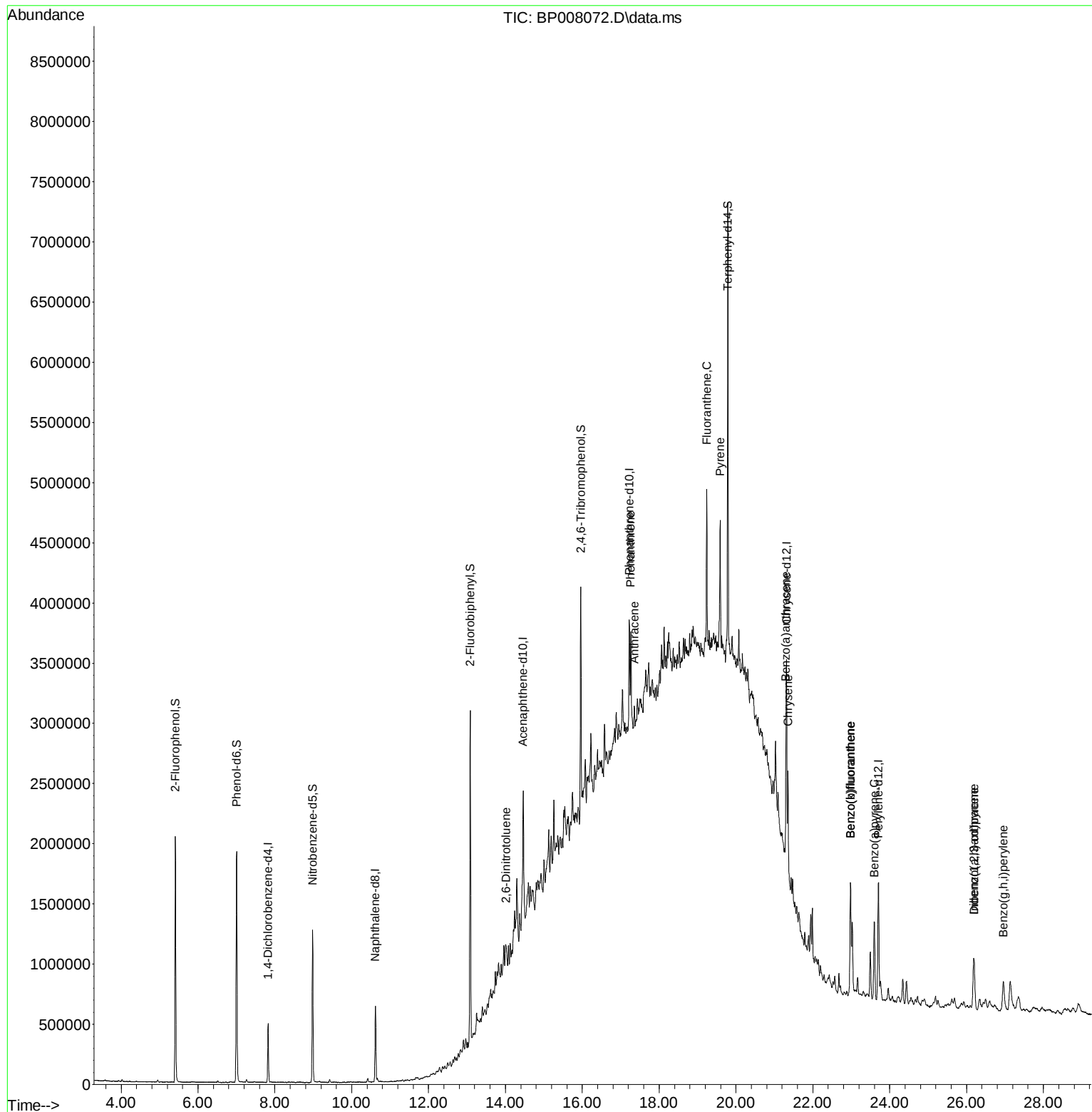
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	128485	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	507509	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	315219	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	629060	20.00	ng	# 0.00
76) Chrysene-d12	21.316	240	702289	20.00	ng	0.00
86) Perylene-d12	23.710	264	799437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	825936	109.88	ng	0.00
7) Phenol-d6	7.005	99	1079184	103.57	ng	0.00
23) Nitrobenzene-d5	8.981	82	725420	64.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	428737	107.48	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1433756	71.22	ng	0.00
79) Terphenyl-d14	19.786	244	1931111	54.06	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.969	77	1589	Below Cal	#	72
51) 2,6-Dinitrotoluene	14.022	165	15877	3.17	ng	# 25
58) Fluorene	15.516	166	35288	Below Cal	#	72
61) 4-Chlorophenyl-phenyle...	15.475	204	1593	Below Cal	#	1
71) Phenanthrene	17.263	178	498640	14.71	ng	# 95
72) Anthracene	17.357	178	138623	4.13	ng	# 85
75) Fluoranthene	19.239	202	866130	19.83	ng	97
78) Pyrene	19.592	202	778563	16.33	ng	98
81) Benzo(a)anthracene	21.298	228	532804	11.31	ng	98
82) 3,3'-Dichlorobenzidine	21.233	252	378	Below Cal	#	3
83) Chrysene	21.351	228	479878	10.74	ng	97
87) Indeno(1,2,3-cd)pyrene	26.198	276	347945	6.27	ng	98
88) Benzo(b)fluoranthene	22.980	252	685163	13.71	ng	# 96
89) Benzo(k)fluoranthene	22.980	252	685163	13.78	ng	# 96
90) Benzo(a)pyrene	23.598	252	500007	11.94	ng	97
91) Dibenzo(a,h)anthracene	26.198	278	101592	2.20	ng	# 92
92) Benzo(g,h,i)perylene	26.956	276	334752	7.40	ng	99

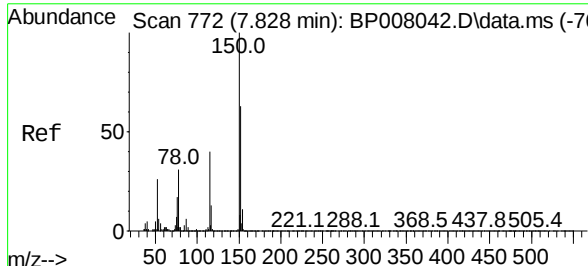
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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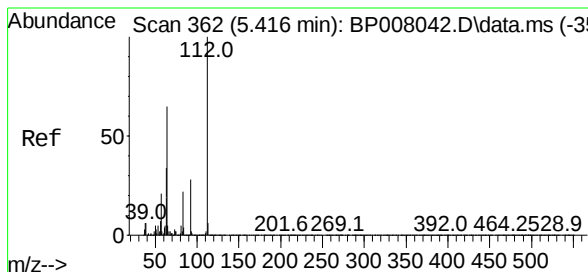
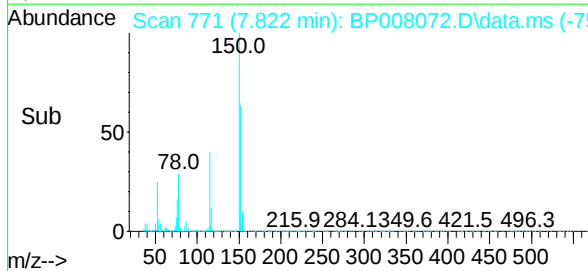
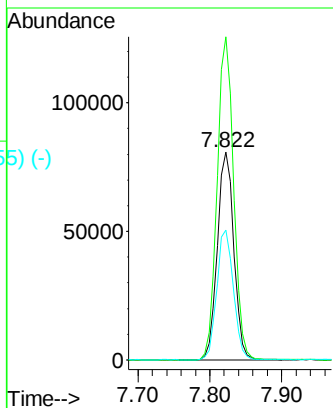
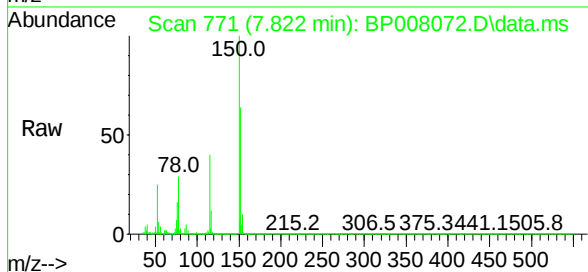




Scan 772 (7.828 min): BP008042.D\data.ms (-763) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

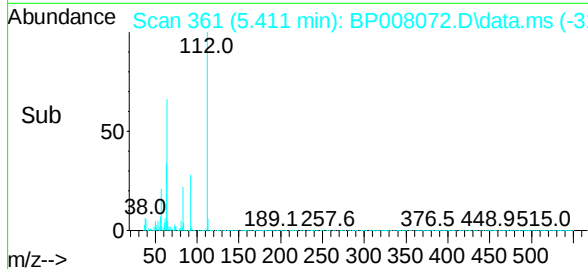
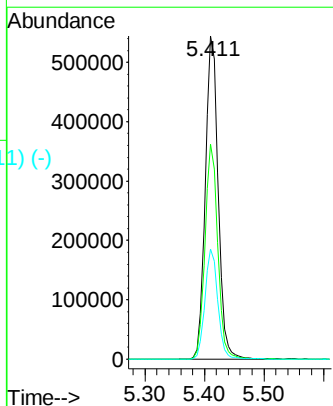
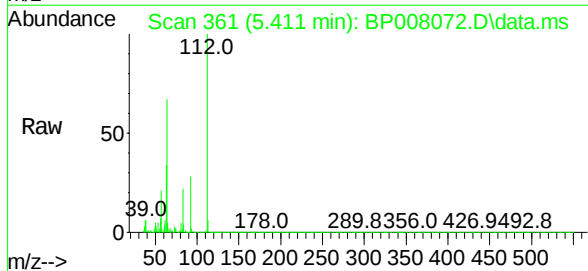
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

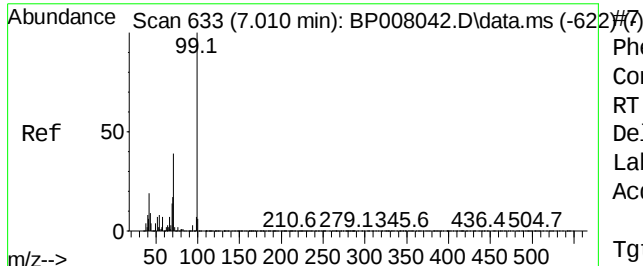
Tgt Ion:	152	Resp:	128485
Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.5	189.7
115	62.3	50.6	75.8



Scan 362 (5.416 min): BP008042.D\data.ms (-350) #5
 2-Fluorophenol
 Concen: 109.88 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:	112	Resp:	825936
Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.7	77.5
63	34.1	27.4	41.0





Phenol-d6

Concen: 103.57 ng

RT: 7.005 min Scan#

Delta R.T. -0.005 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

CHRT-20058

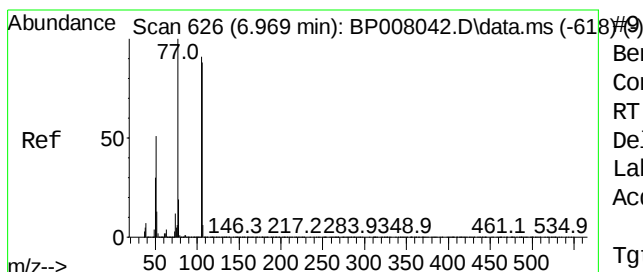
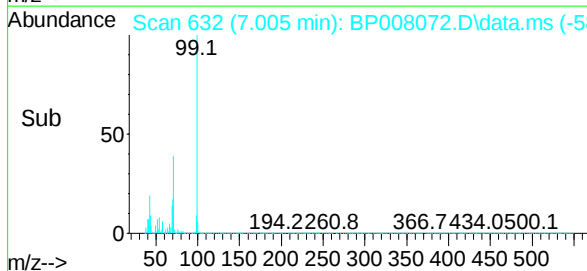
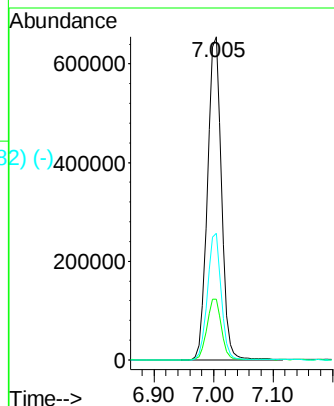
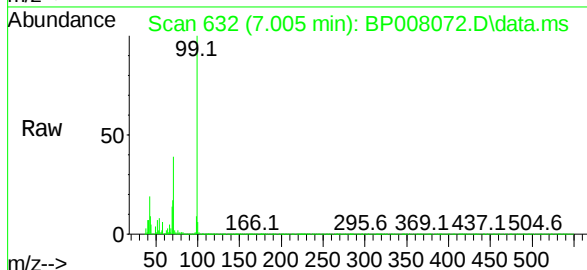
Tgt Ion: 99 Resp: 1079184

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.2

71 39.2 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 6.969 min Scan# 626

Delta R.T. 0.000 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

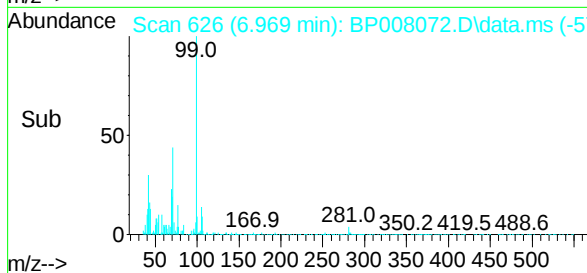
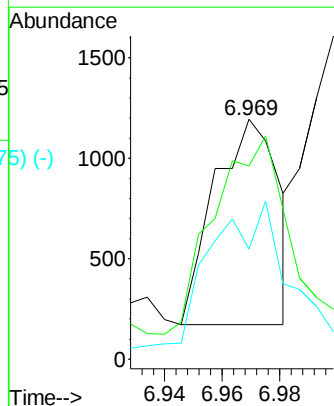
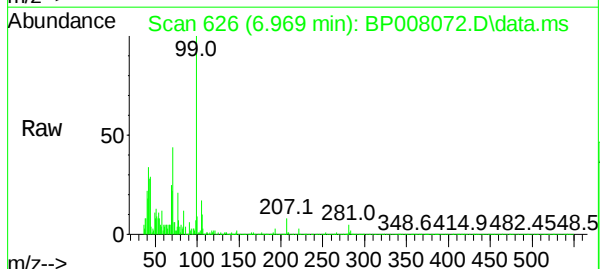
Tgt Ion: 77 Resp: 1589

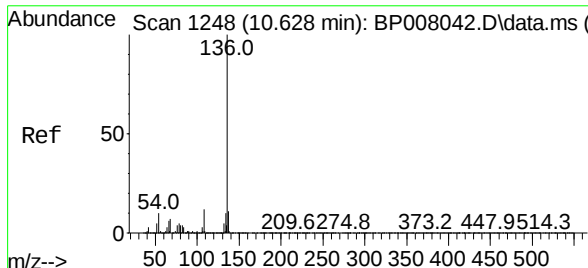
Ion Ratio Lower Upper

77 100

105 80.5 71.5 111.5

106 46.0 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan# 1248

Delta R.T. -0.012 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

CHRT-20058

Tgt Ion:136 Resp: 507509

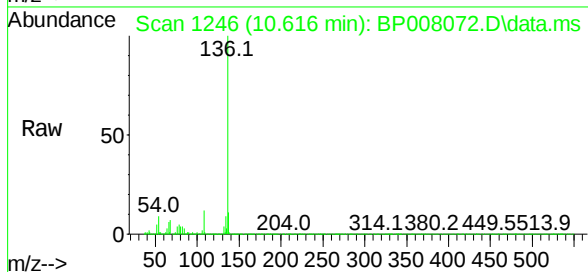
Ion Ratio Lower Upper

136 100

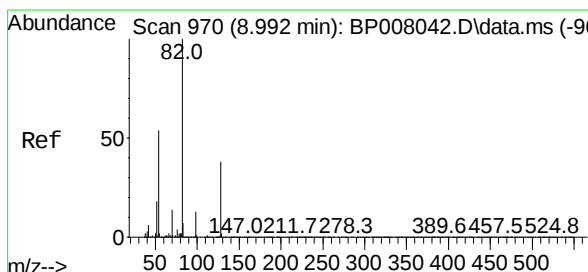
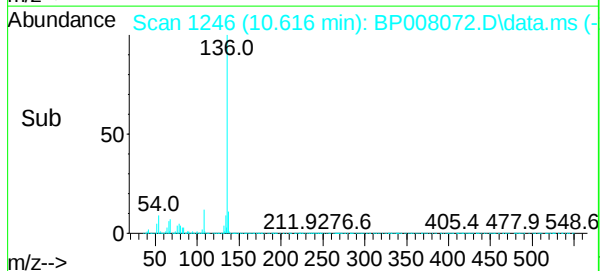
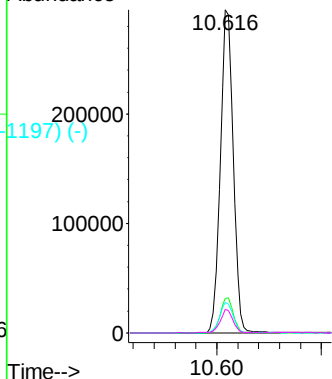
137 10.6 8.7 13.1

54 9.5 8.0 12.0

68 7.3 5.2 7.8



Abundance



Nitrobenzene-d5

Concen: 64.84 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

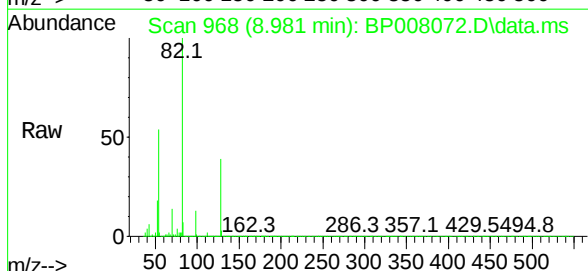
Tgt Ion: 82 Resp: 725420

Ion Ratio Lower Upper

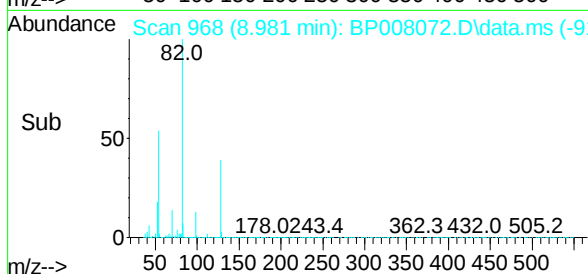
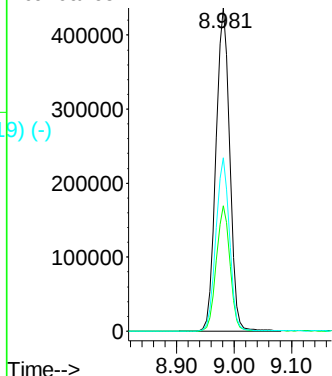
82 100

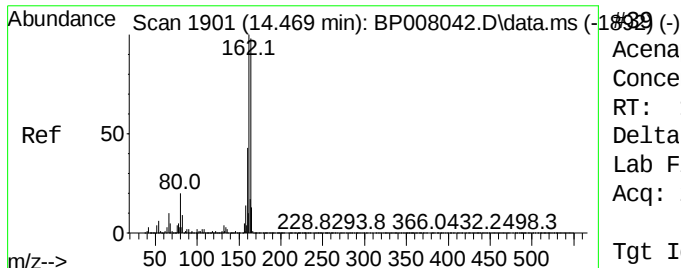
128 38.8 30.2 45.2

54 53.7 43.1 64.7



Abundance





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

Instrument :

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ClientSampleId :

CHRT-20058

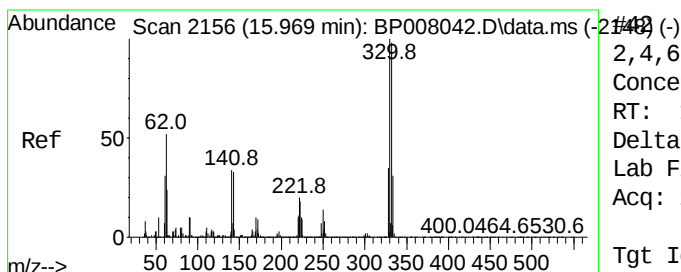
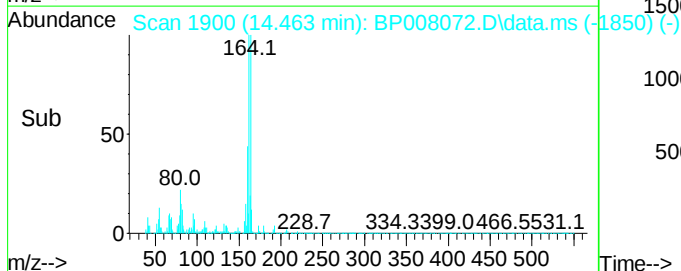
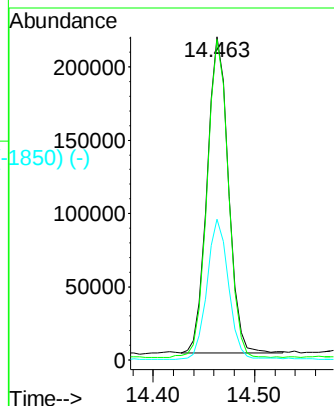
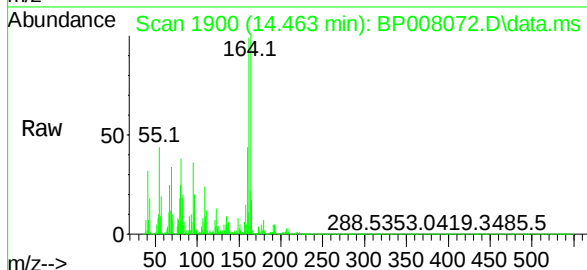
Tgt Ion:164 Resp: 315219

Ion Ratio Lower Upper

164 100

162 99.2 81.8 122.8

160 43.5 35.1 52.7



2,4,6-Tribromophenol

Concen: 107.48 ng

RT: 15.963 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

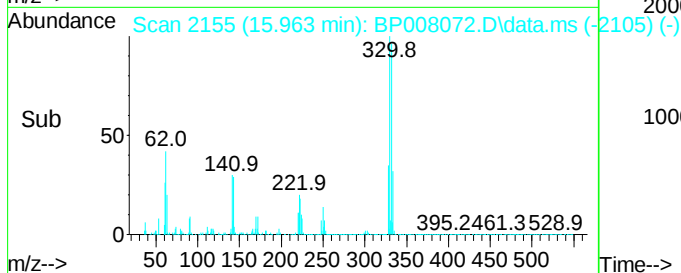
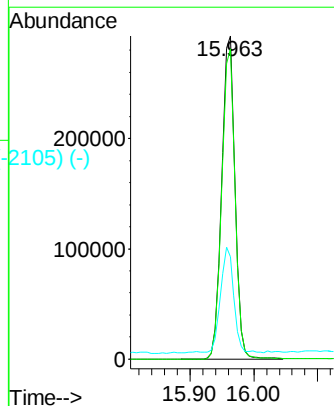
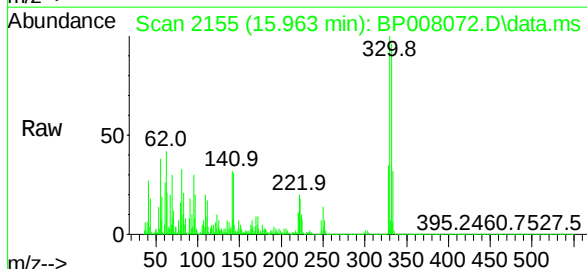
Tgt Ion:330 Resp: 428737

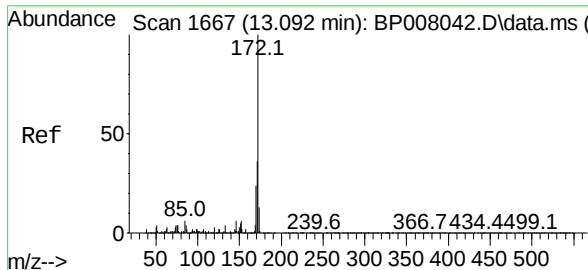
Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 31.9 29.6 44.4



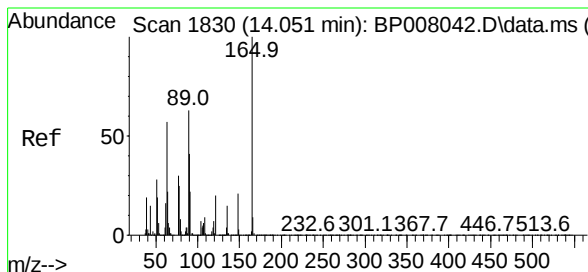
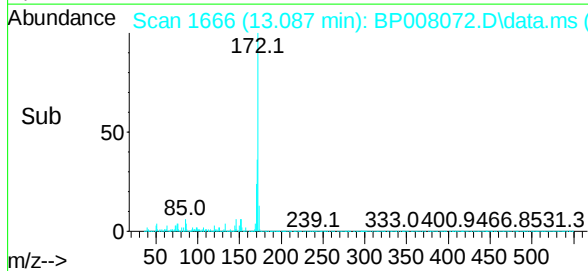
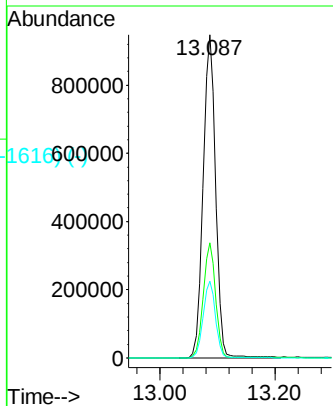
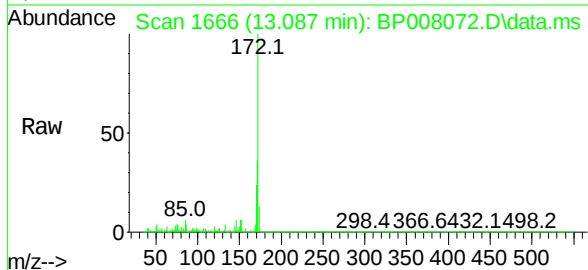


2-Fluorobiphenyl
 Concen: 71.22 ng
 RT: 13.087 min Scan# 1654
 Delta R.T. -0.005 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

Tgt Ion:172 Resp: 1433756

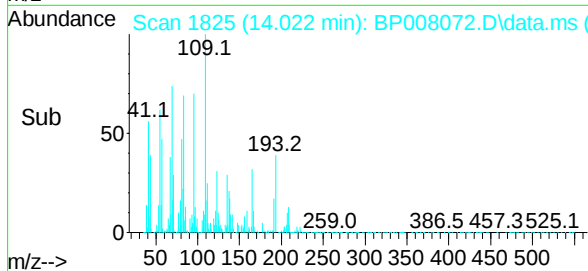
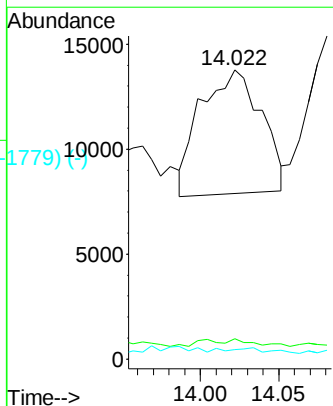
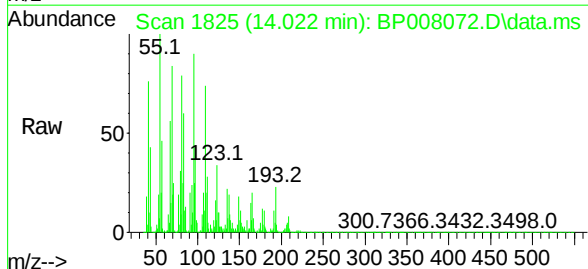
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	19.0	28.4

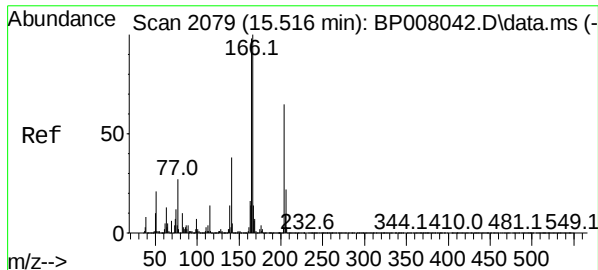


2,6-Dinitrotoluene
 Concen: 3.17 ng
 RT: 14.022 min Scan# 1825
 Delta R.T. -0.029 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:165 Resp: 15877

Ion	Ratio	Lower	Upper
165	100		
63	7.0	51.0	76.6#
89	3.4	50.5	75.7#

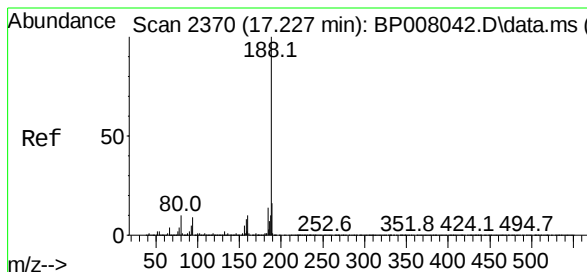
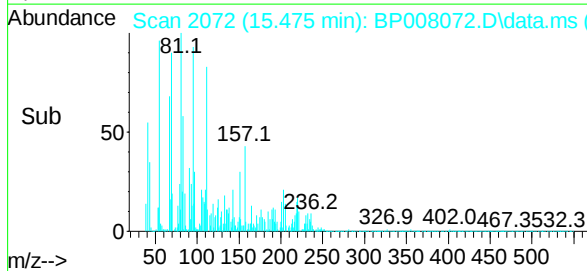
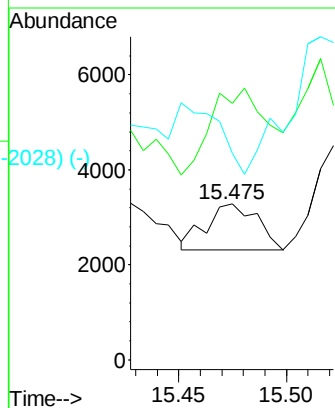
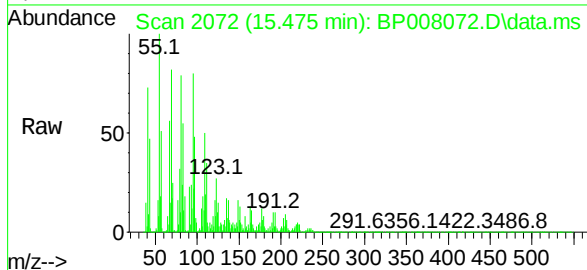




4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.475 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

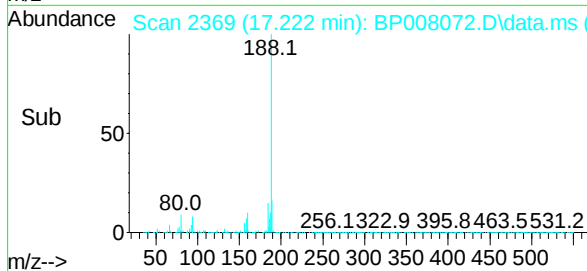
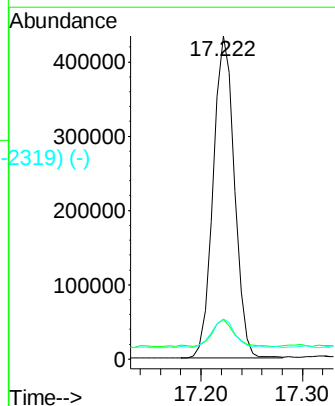
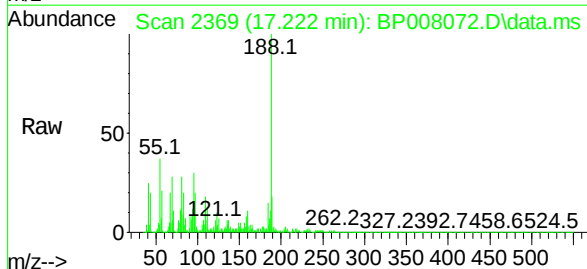
Instrument :
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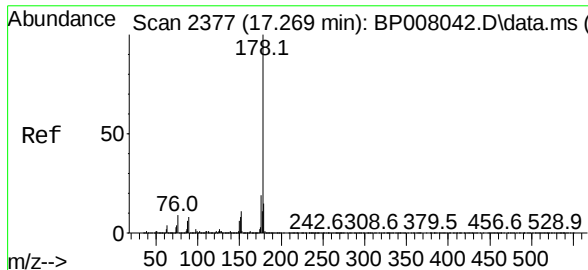
Tgt Ion:204 Resp: 1593
Ion Ratio Lower Upper
204 100
206 164.1 27.3 40.9#
141 132.3 46.7 70.1#



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:188 Resp: 629060
Ion Ratio Lower Upper
188 100
94 12.2 7.1 10.7#
80 12.4 8.1 12.1#

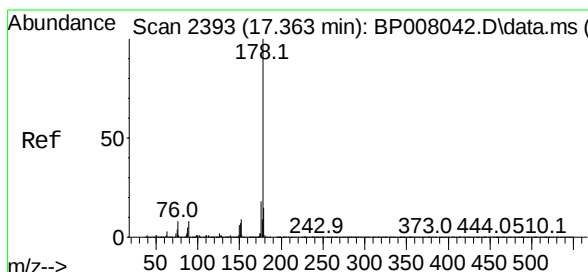
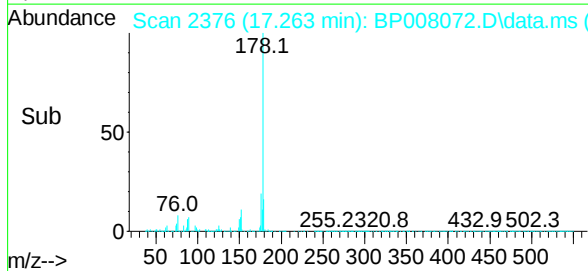
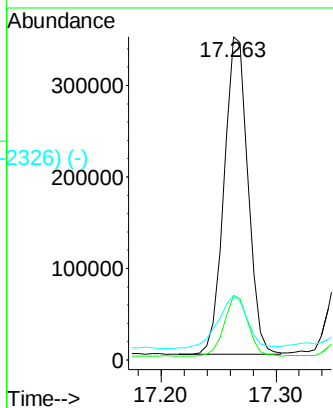
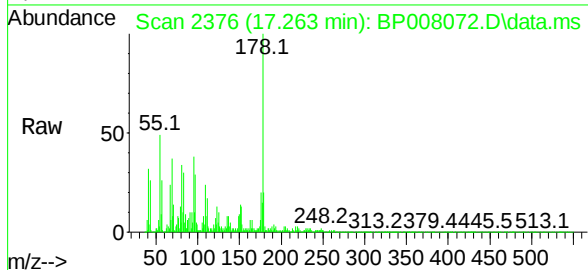




Phenanthrene
Concen: 14.71 ng
RT: 17.263 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

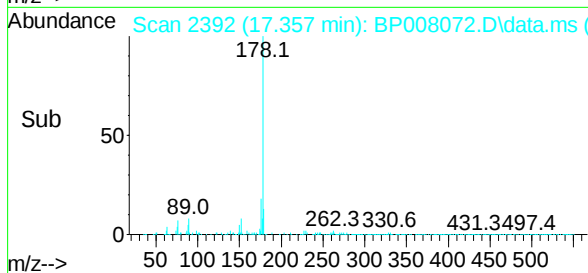
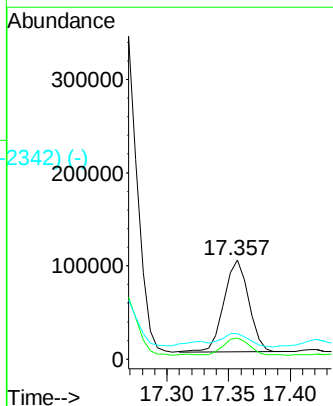
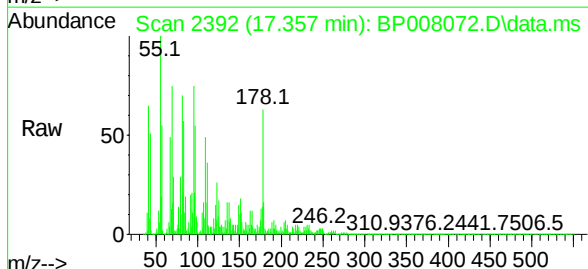
Instrument :
BNA_P
ClientSampleId :
CHRT-20058

Tgt Ion:	178	Resp:	498640
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.6	23.4
179	20.0	12.4	18.6#



Anthracene
Concen: 4.13 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:	178	Resp:	138623
Ion Ratio	Lower	Upper	
178	100		
176	21.3	14.7	22.1
179	25.6	12.2	18.4#



Abundance Scan 2712 (19.239 min): BP008042.D\data.ms (-2705) (-)

Fluoranthene

Concen: 19.83 ng

RT: 19.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP008072.D

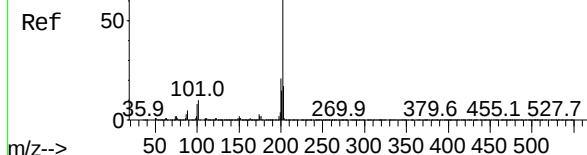
Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

CHRT-20058



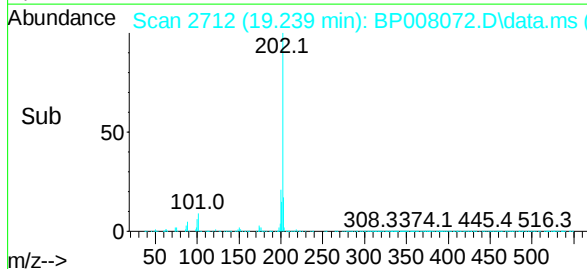
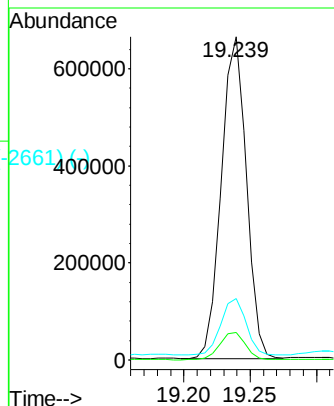
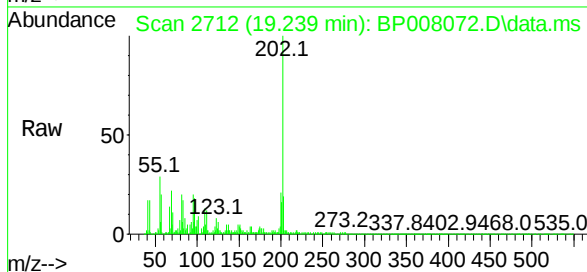
Tgt Ion:202 Resp: 866130

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.5

203 19.0 0.0 37.3



Abundance Scan 3066 (21.321 min): BP008042.D\data.ms (-3055) (-)

Chrysene-d12

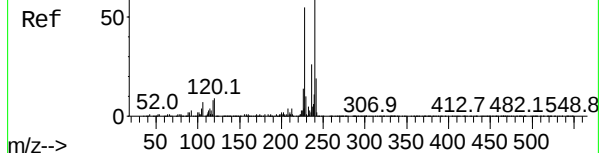
Concen: 20.00 ng

RT: 21.316 min Scan# 3065

Delta R.T. -0.005 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20



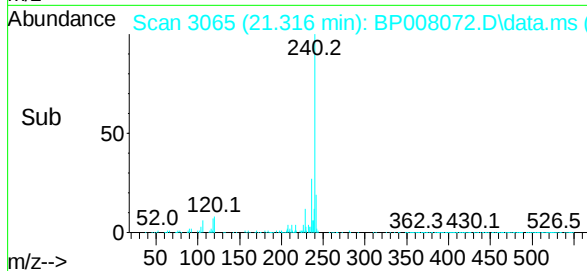
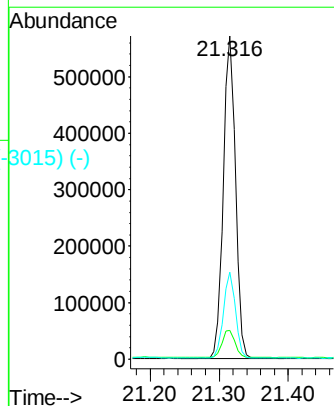
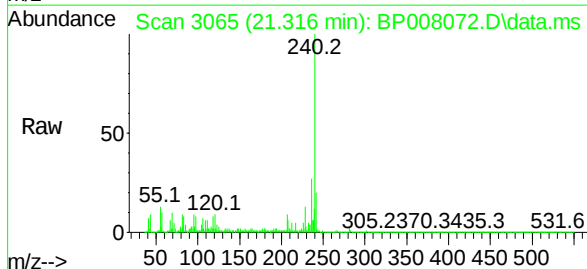
Tgt Ion:240 Resp: 702289

Ion Ratio Lower Upper

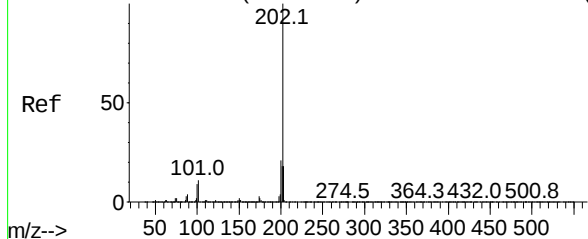
240 100

120 9.0 7.4 11.2

236 26.9 21.0 31.4



Abundance Scan 2772 (19.592 min): BP008042.D\data.ms (-2773) (-)



Pyrene

Concen: 16.33 ng

RT: 19.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

Instrument :

BNA_P

ClientSampleId :

CHRT-20058

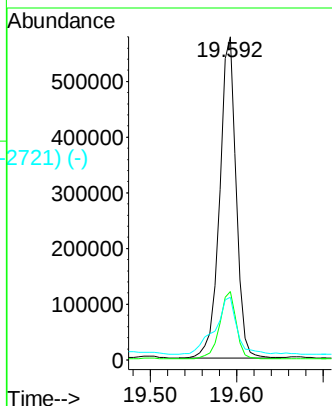
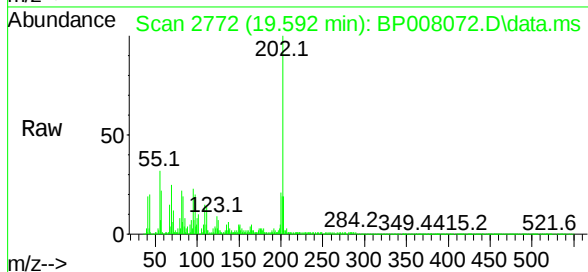
Tgt Ion:202 Resp: 778563

Ion Ratio Lower Upper

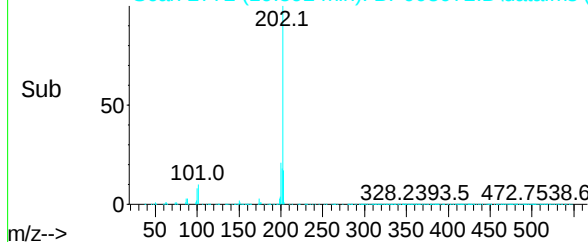
202 100

200 21.2 16.9 25.3

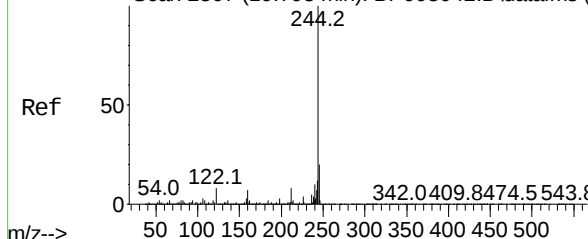
203 19.3 14.2 21.2



Abundance Scan 2772 (19.592 min): BP008072.D\data.ms (-2721) (-)



Abundance Scan 2807 (19.798 min): BP008042.D\data.ms (-2774) (-)



Terphenyl-d14

Concen: 54.06 ng

RT: 19.786 min Scan# 2805

Delta R.T. -0.012 min

Lab File: BP008072.D

Acq: 20 Nov 2021 23:20

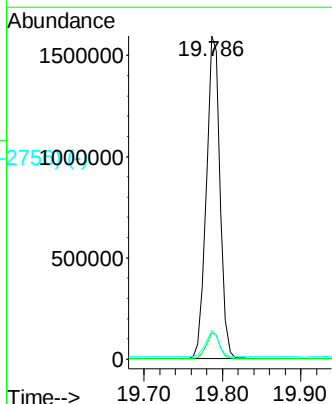
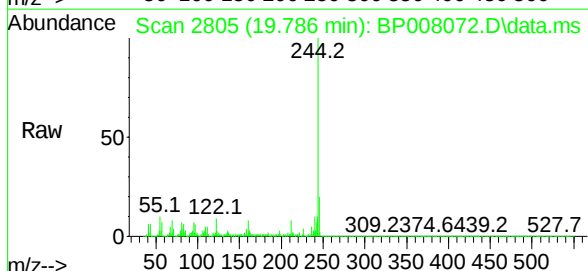
Tgt Ion:244 Resp: 1931111

Ion Ratio Lower Upper

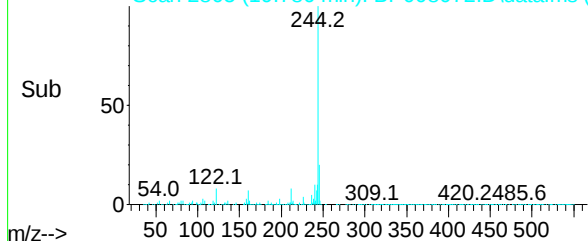
244 100

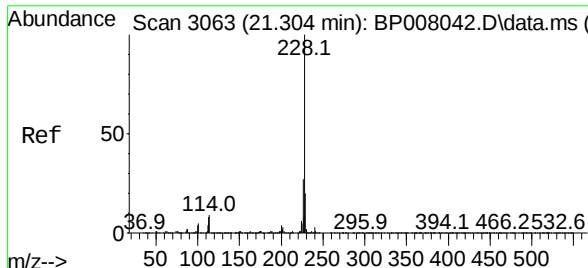
212 8.0 6.3 9.5

122 8.8 6.1 9.1



Abundance Scan 2805 (19.786 min): BP008072.D\data.ms (-2751) (-)

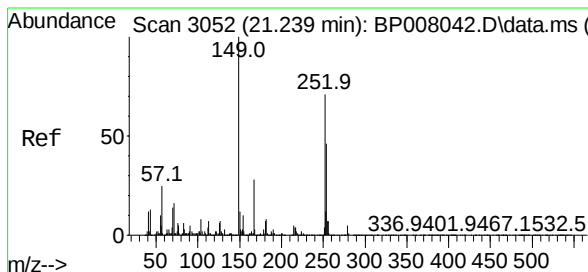
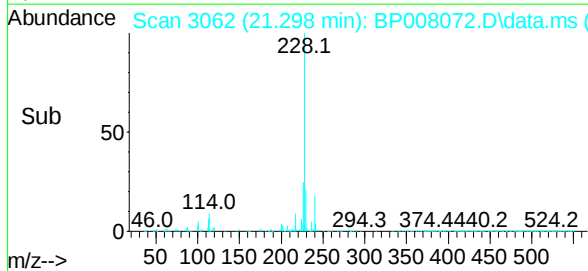
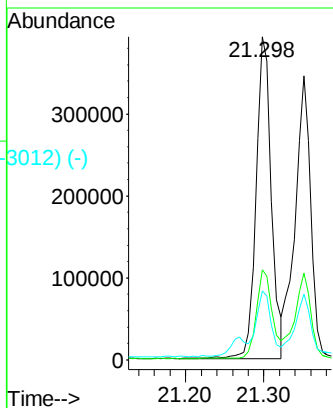
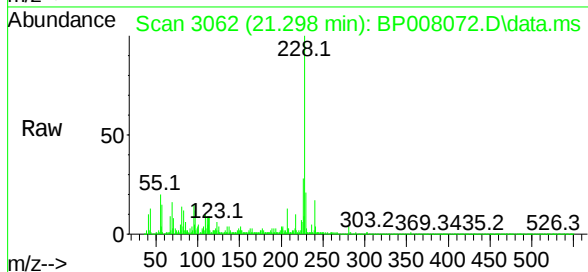




Scan 3063 (21.304 min): BP008042.D\data.ms (-3053) (-)
 Benzo(a)anthracene
 Concen: 11.31 ng
 RT: 21.298 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

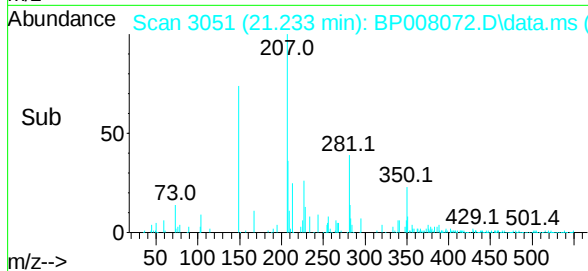
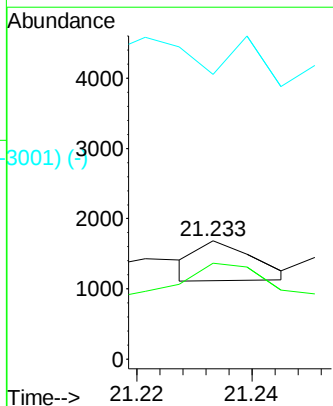
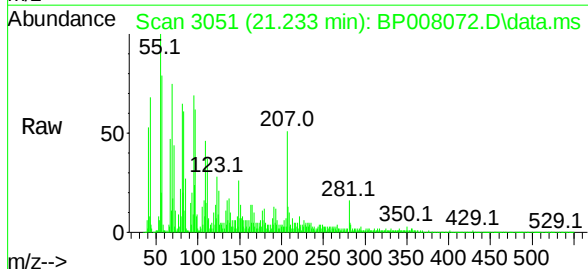
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

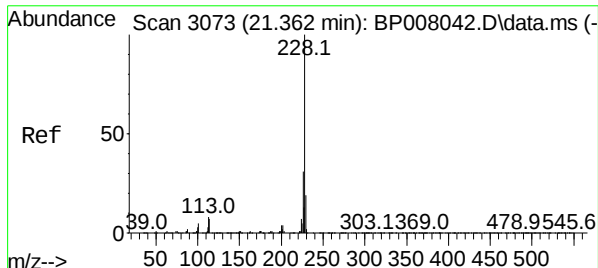
Tgt Ion:	228	Resp:	532804
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	21.4	16.1	24.1



Scan 3052 (21.239 min): BP008042.D\data.ms (-3042) (-)
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.233 min Scan# 3051
 Delta R.T. -0.006 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:	252	Resp:	378
Ion	Ratio	Lower	Upper
252	100		
254	81.4	51.8	77.8#
126	241.4	7.2	10.8#

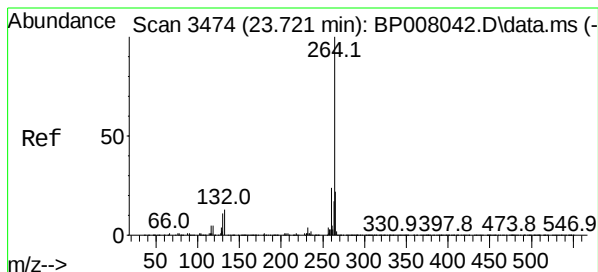
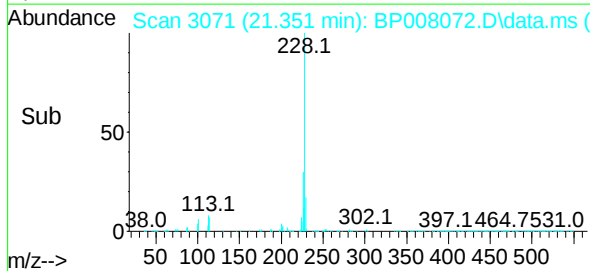
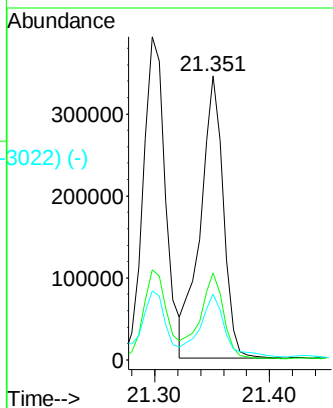
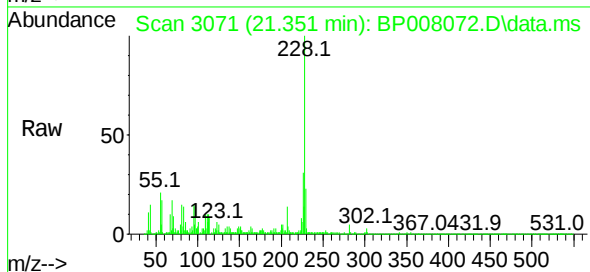




Scan 3073 (21.362 min): BP008042.D\data.ms (-3068) (-)
 Chrysene
 Concen: 10.74 ng
 RT: 21.351 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

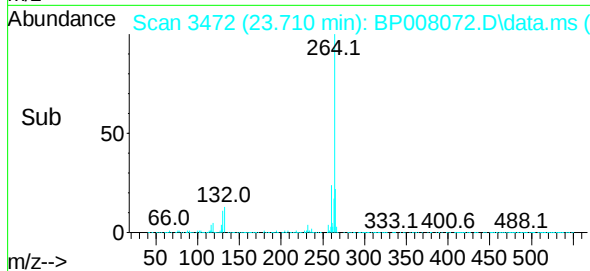
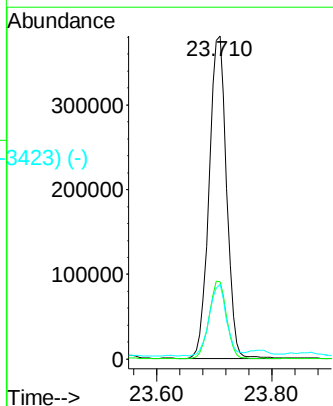
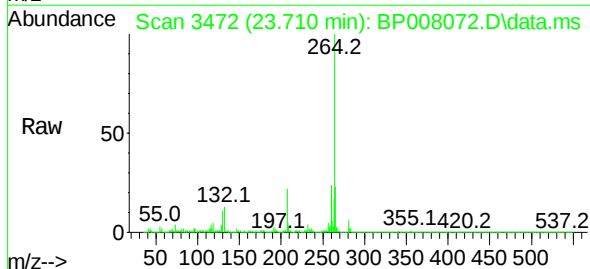
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20058

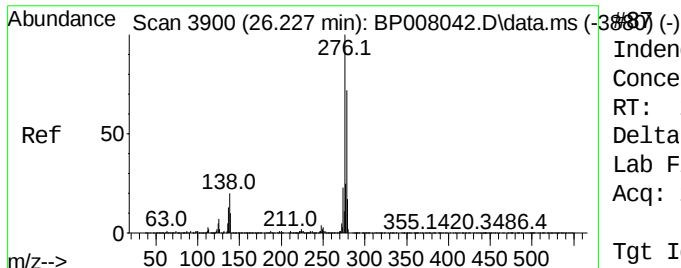
Tgt Ion:	228	Resp:	479878
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	23.2	15.5	23.3



Scan 3474 (23.721 min): BP008042.D\data.ms (-3436) (-)
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.710 min Scan# 3472
 Delta R.T. -0.012 min
 Lab File: BP008072.D
 Acq: 20 Nov 2021 23:20

Tgt Ion:	264	Resp:	799437
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	23.1	17.7	26.5

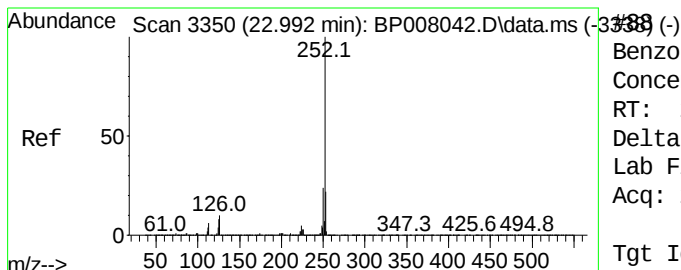
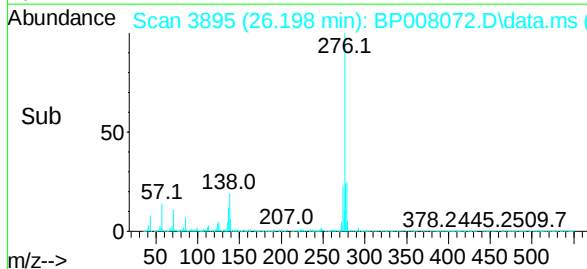
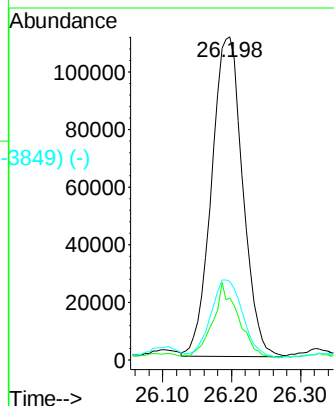
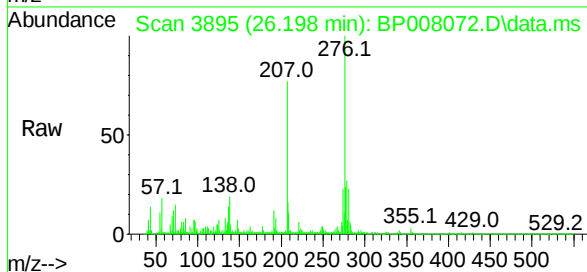




Indeno(1,2,3-cd)pyrene
Concen: 6.27 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.029 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

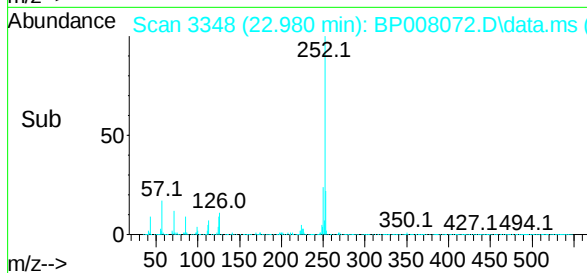
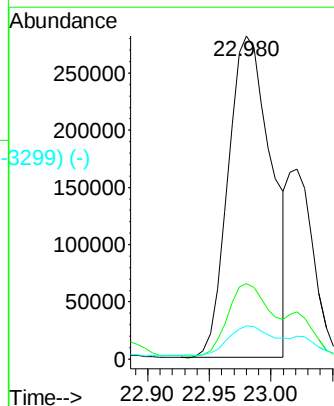
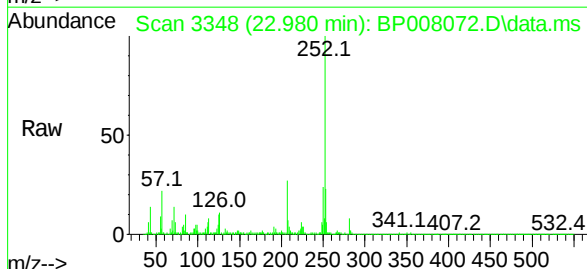
Instrument :
BNA_P
ClientSampleId :
CHRT-20058

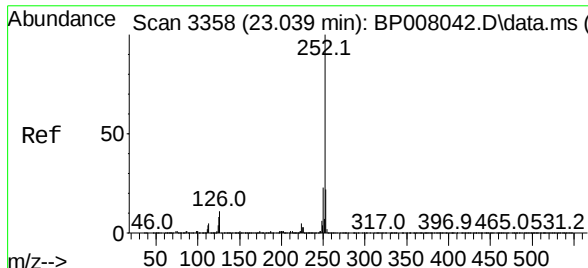
Tgt Ion:	276	Resp:	347945
Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.5	24.7
277	25.6	20.2	30.4



Benzo(b)fluoranthene
Concen: 13.71 ng
RT: 22.980 min Scan# 3348
Delta R.T. -0.012 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:	252	Resp:	685163
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	10.2	6.1	9.1#

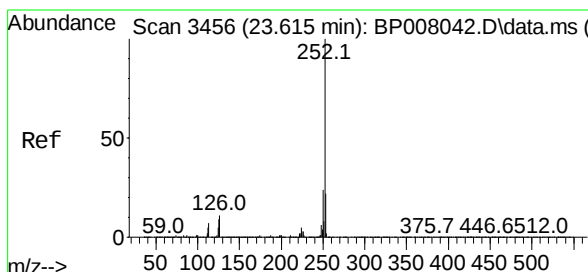
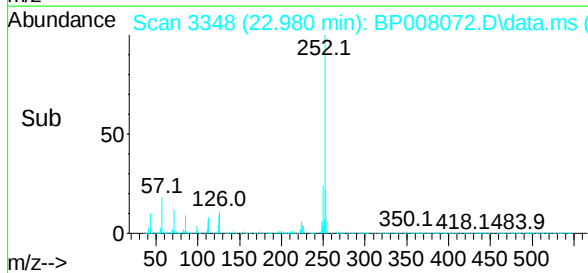
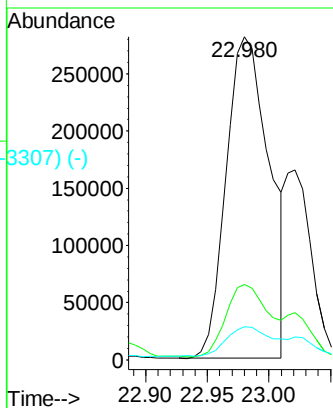
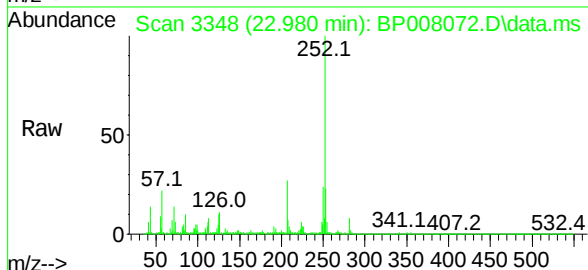




Benzo(k)fluoranthene
Concen: 13.78 ng
RT: 22.980 min Scan# 3358
Delta R.T. -0.059 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

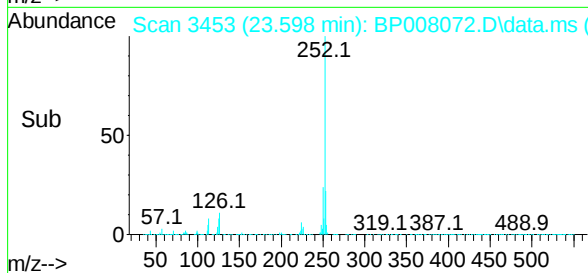
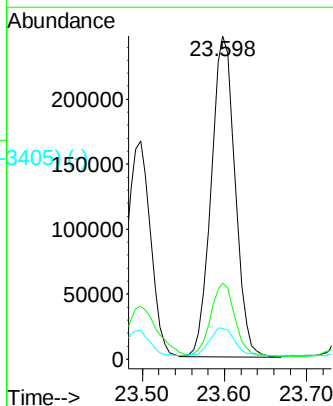
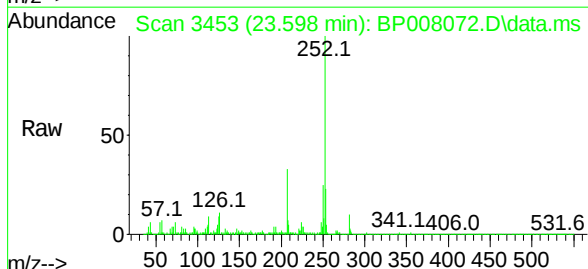
Instrument :
BNA_P
ClientSampleId :
CHRT-20058

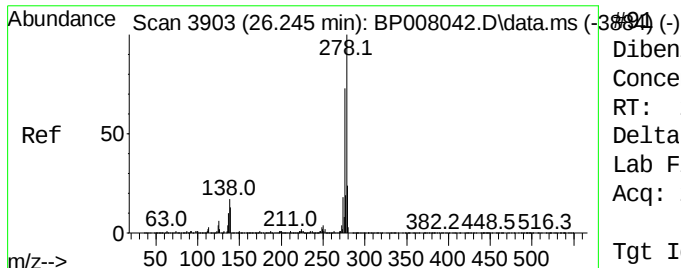
Tgt Ion:	252	Resp:	685163
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	10.2	6.2	9.4#



Benzo(a)pyrene
Concen: 11.94 ng
RT: 23.598 min Scan# 3453
Delta R.T. -0.017 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:	252	Resp:	500007
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	9.4	7.4	11.2

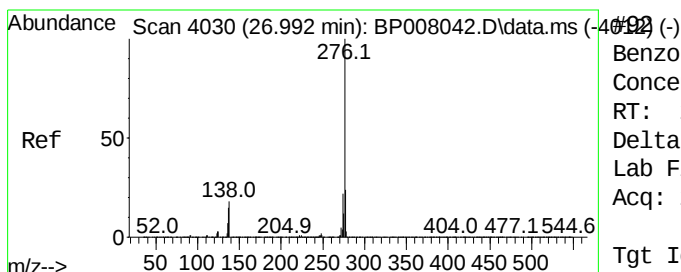
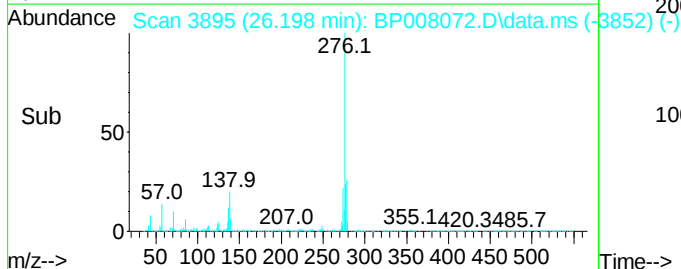
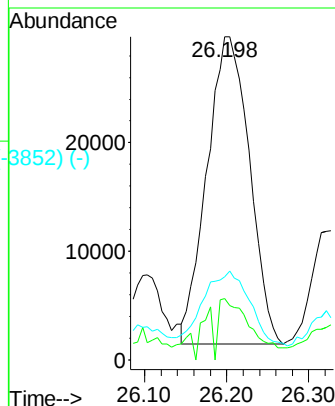
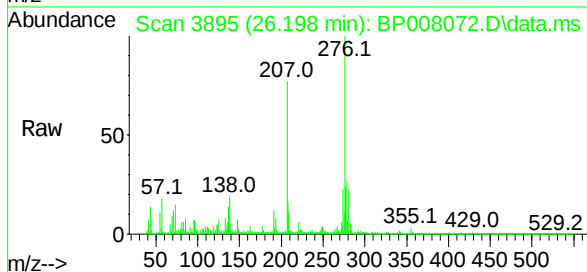




Dibenzo(a,h)anthracene
Concen: 2.20 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.047 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Instrument :
BNA_P
ClientSampleId :
CHRT-20058

Tgt Ion:	278	Resp:	101592
Ion	Ratio	Lower	Upper
278	100		
139	19.0	10.5	15.7#
279	25.6	18.8	28.2



Benzo(g,h,i)perylene
Concen: 7.40 ng
RT: 26.956 min Scan# 4024
Delta R.T. -0.036 min
Lab File: BP008072.D
Acq: 20 Nov 2021 23:20

Tgt Ion:	276	Resp:	334752
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	18.7	14.2	21.2

