

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005551.D
 Acq On : 14 May 2021 16:25
 Operator : CG/JU
 Sample : M2372-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-24702

Quant Time: May 14 16:53:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

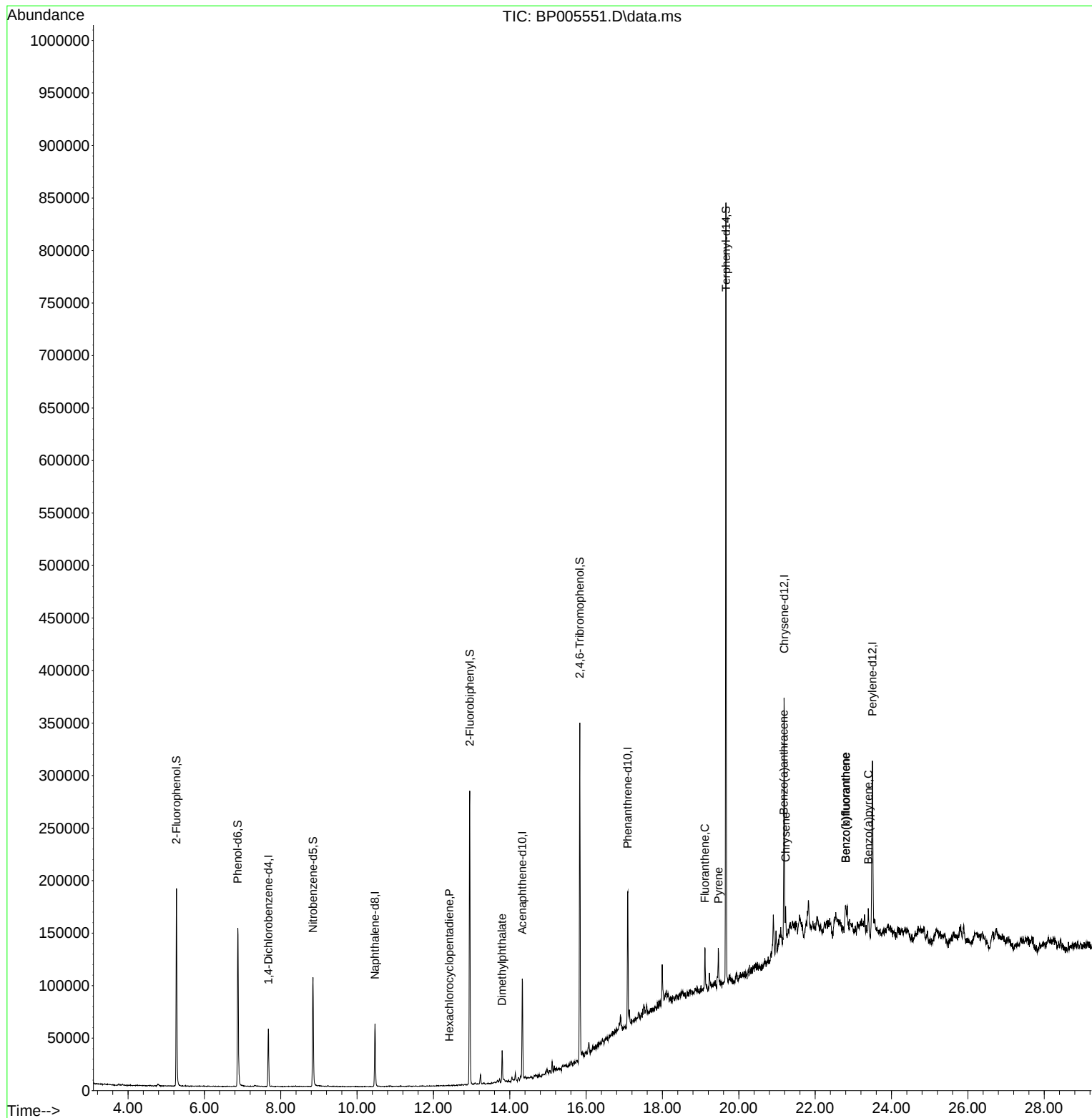
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	11999	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	37262	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	29032	20.00	ng	# 0.00
64) Phenanthrene-d10	17.087	188	70354	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	99839	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	123097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	58807	94.06	ng	0.00
7) Phenol-d6	6.875	99	65768	84.36	ng	0.00
23) Nitrobenzene-d5	8.846	82	54255	57.31	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	59915	72.73	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	125128	48.62	ng	0.00
79) Terphenyl-d14	19.663	244	282826	48.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	28	Below Cal	#	1
9) Benzaldehyde	6.834	77	13	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.416	237	5	7.88	ng	75
50) Dimethylphthalate	13.798	163	16825	6.71	ng	97
75) Fluoranthene	19.110	202	21671	3.94	ng	96
78) Pyrene	19.463	202	20614	3.65	ng	# 93
81) Benzo(a)anthracene	21.175	228	15969	2.47	ng	# 82
83) Chrysene	21.227	228	16156	2.58	ng	# 94
88) Benzo(b)fluoranthene	22.798	252	25679	3.13	ng	# 93
89) Benzo(k)fluoranthene	22.798	252	25679	3.20	ng	# 91
90) Benzo(a)pyrene	23.392	252	17397	2.31	ng	# 88

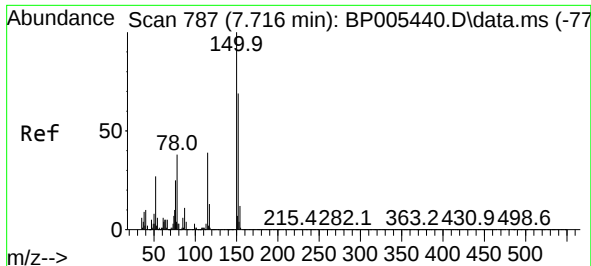
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
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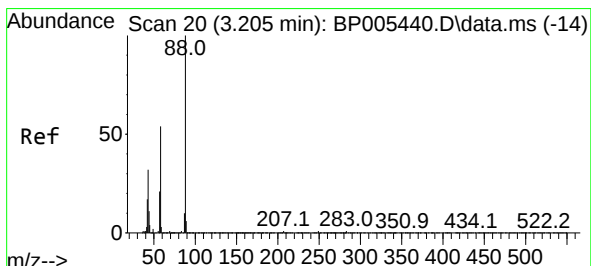
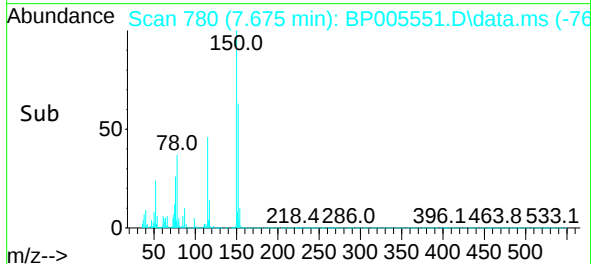
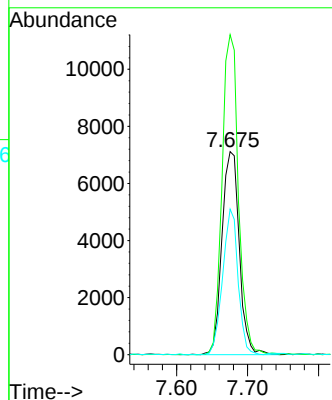
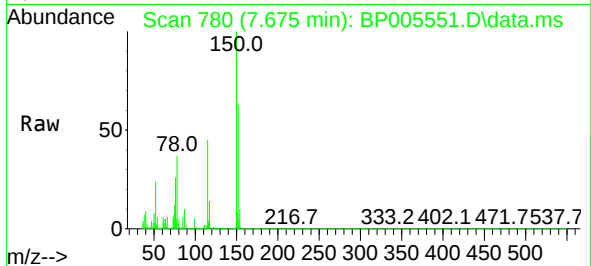




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

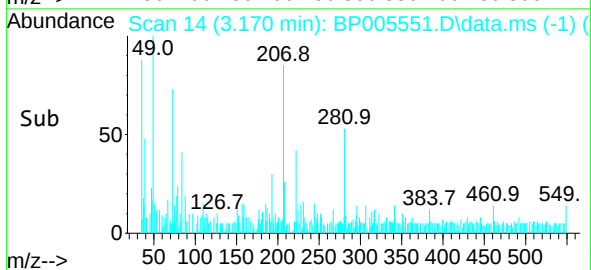
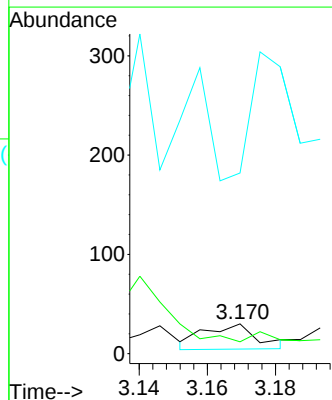
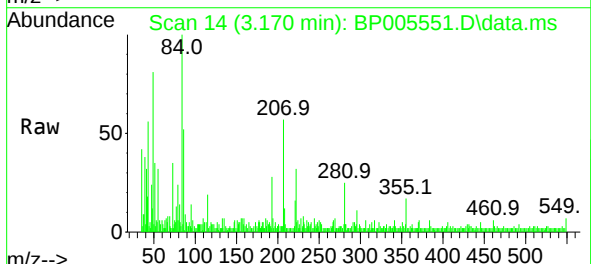
Instrument :
BNA_P
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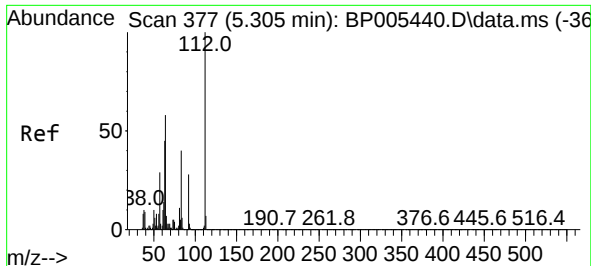
Tgt Ion:152 Resp: 11999
Ion Ratio Lower Upper
152 100
150 157.6 119.8 179.8
115 71.7 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.170 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 653.6 19.8 29.8#

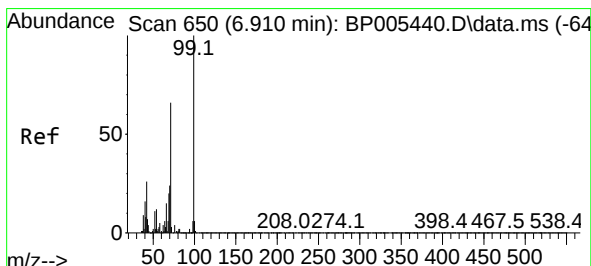
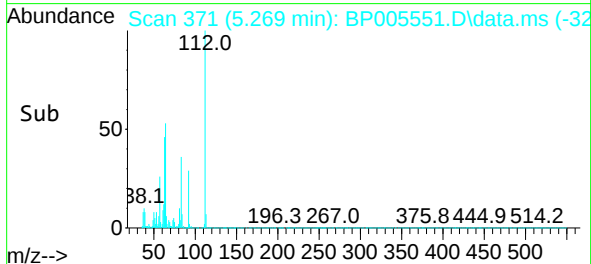
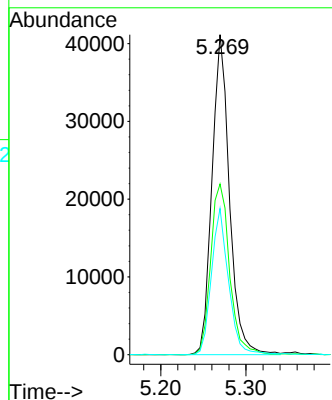
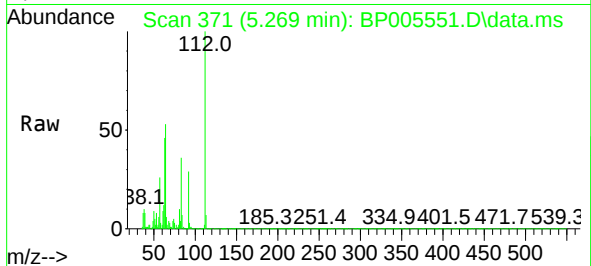




#5
2-Fluorophenol
Concen: 94.06 ng
RT: 5.269 min Scan# 371
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

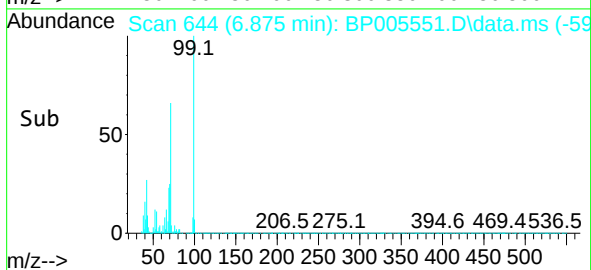
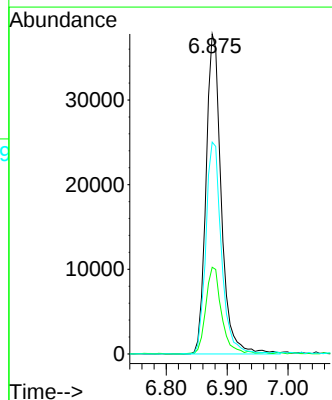
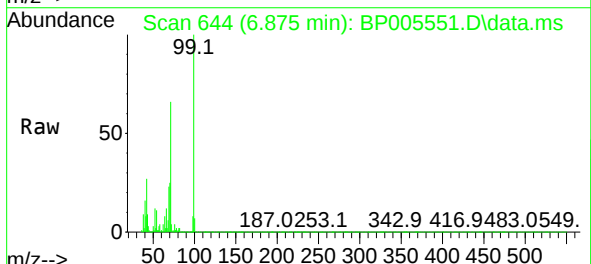
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

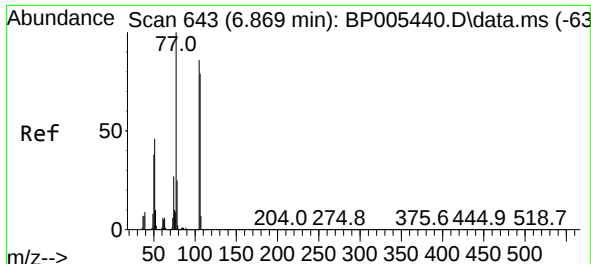
Tgt Ion:112 Resp: 58807
Ion Ratio Lower Upper
112 100
64 53.3 33.6 50.4#
63 45.7 18.6 27.8#



#7
Phenol-d6
Concen: 84.36 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion: 99 Resp: 65768
Ion Ratio Lower Upper
99 100
42 27.1 12.9 19.3#
71 66.2 26.7 40.1#

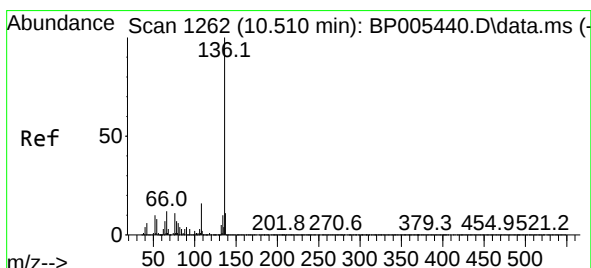
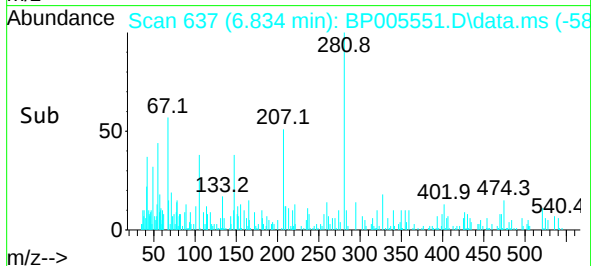
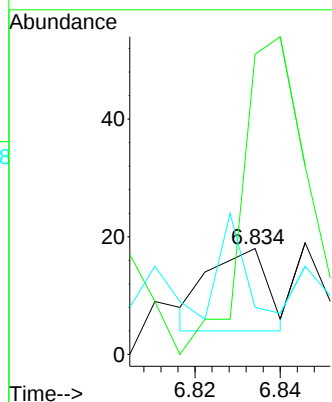
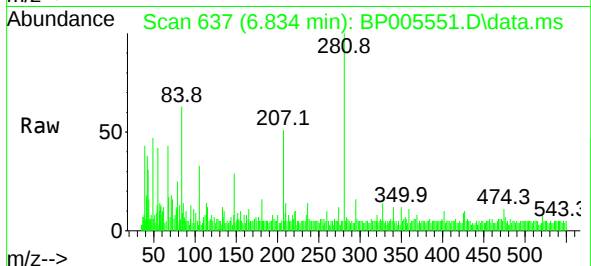




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. 0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

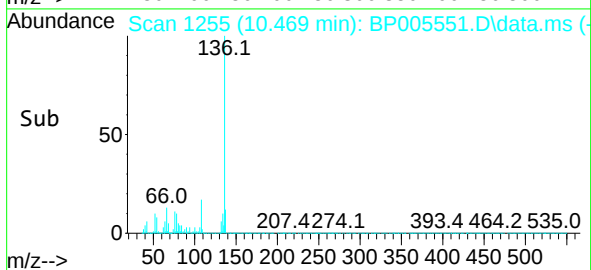
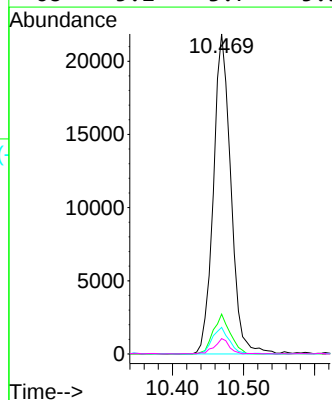
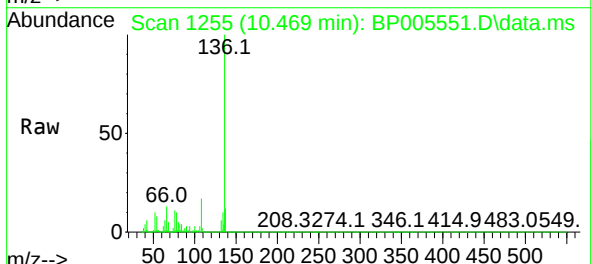
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

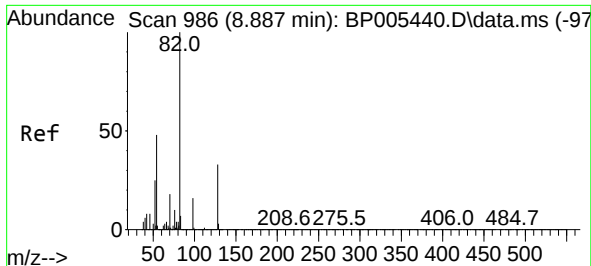
Tgt Ion: 77 Resp: 13
Ion Ratio Lower Upper
77 100
105 283.3 89.4 129.4#
106 44.4 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion: 136 Resp: 37262
Ion Ratio Lower Upper
136 100
137 12.5 8.9 13.3
54 8.3 5.0 7.4#
68 5.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 57.31 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

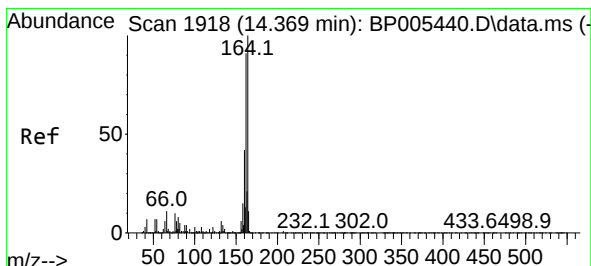
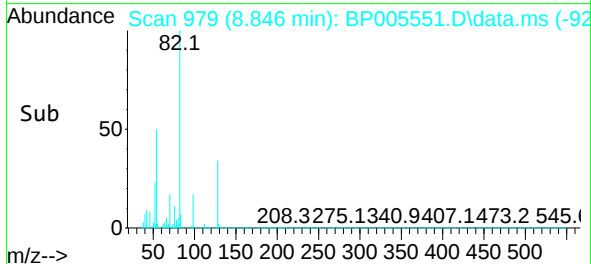
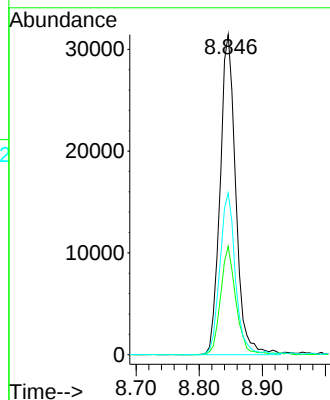
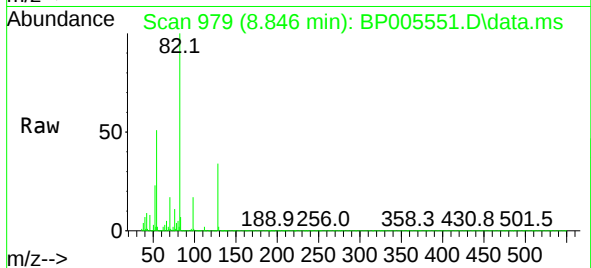
Instrument :

BNA_P

ClientSampleId :

CHRT-24702

Tgt Ion: 82	Resp: 54255
Ion Ratio	Lower Upper
82 100	
128 33.8	30.5 45.7
54 50.5	33.9 50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

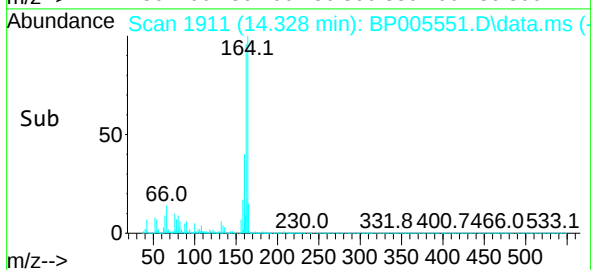
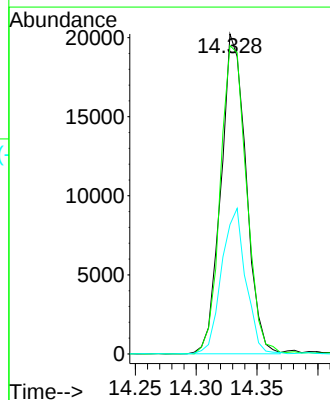
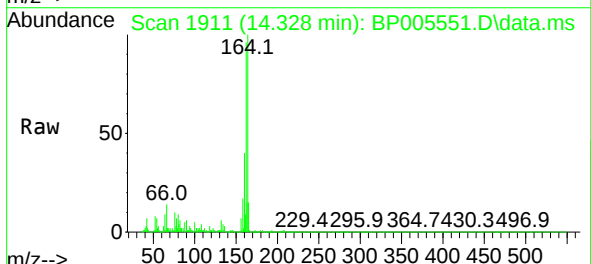
RT: 14.328 min Scan# 1911

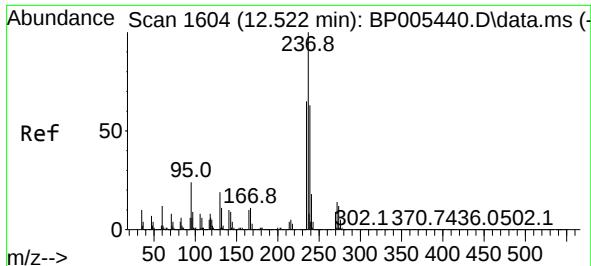
Delta R.T. -0.006 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

Tgt Ion: 164	Resp: 29032
Ion Ratio	Lower Upper
164 100	
162 96.4	73.5 110.3
160 40.4	40.6 61.0

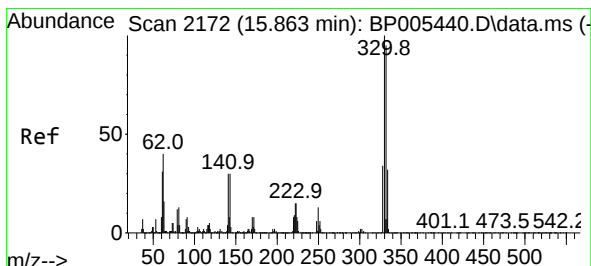
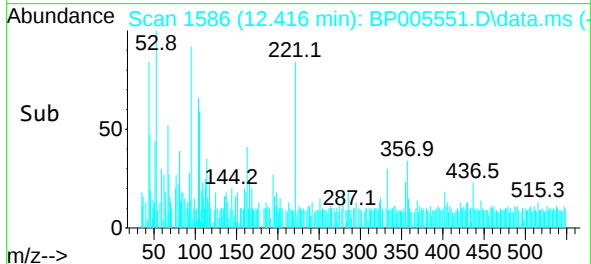
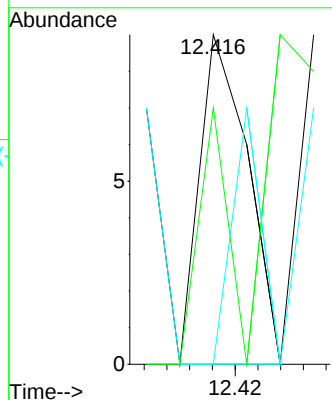
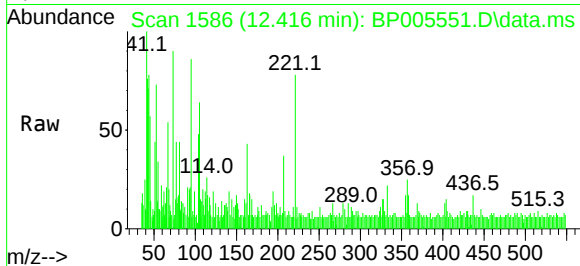




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.065 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

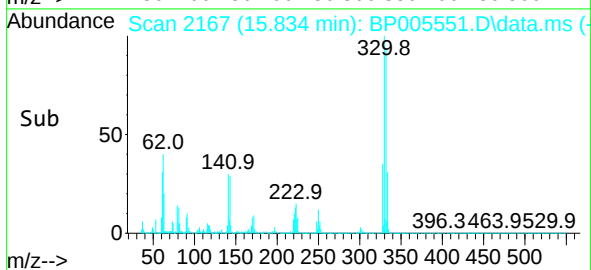
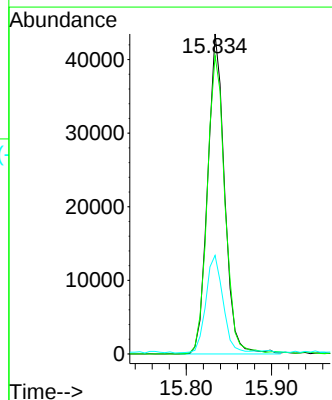
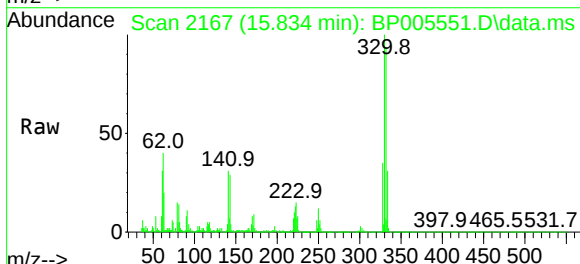
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ClientSampleId :
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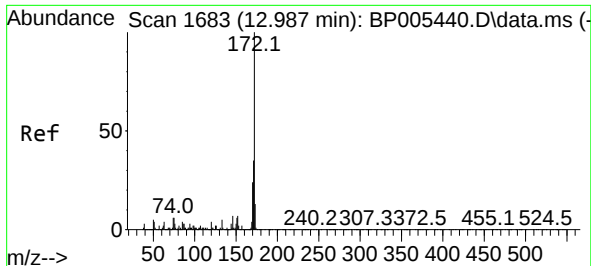
Tgt Ion:	237	Resp:	5
Ion	Ratio	Lower	Upper
237	100		
235	77.8	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 72.73 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:	330	Resp:	59915
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	31.0	22.8	34.2

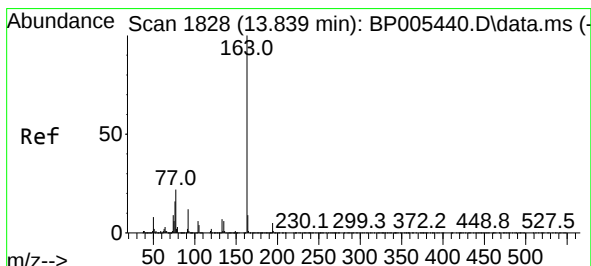
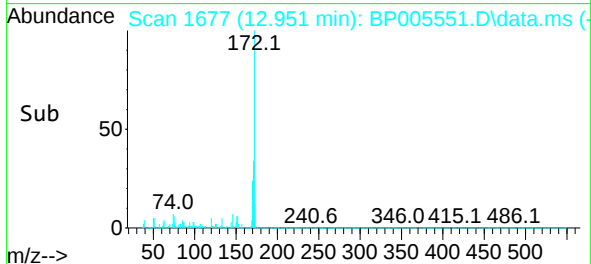
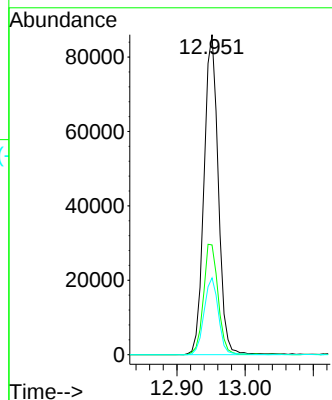
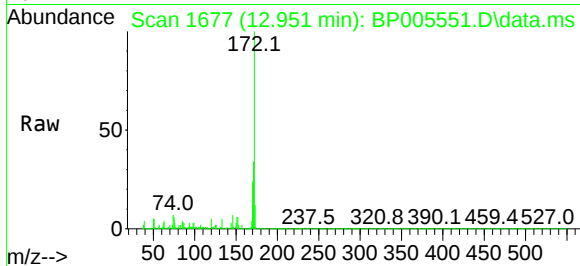




#45
2-Fluorobiphenyl
Concen: 48.62 ng
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

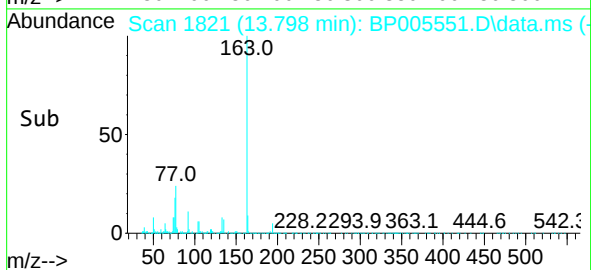
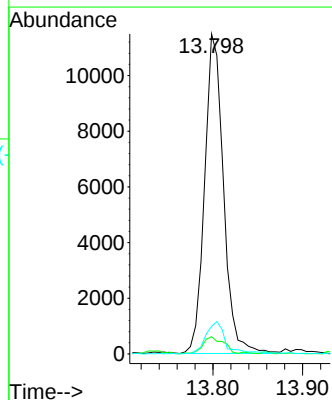
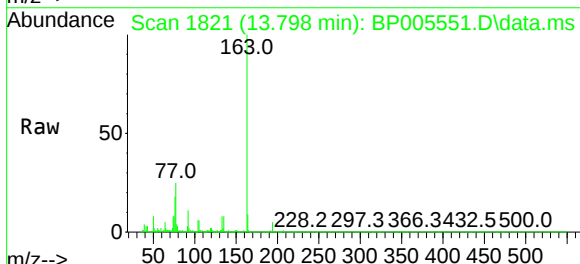
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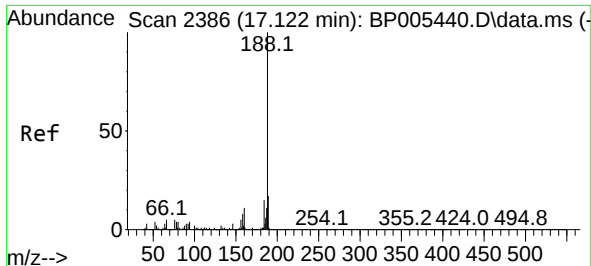
Tgt Ion:172 Resp: 125128
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 24.0 19.6 29.4



#50
Dimethylphthalate
Concen: 6.71 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:163 Resp: 16825
Ion Ratio Lower Upper
163 100
194 5.4 3.9 5.9
164 8.6 8.1 12.1

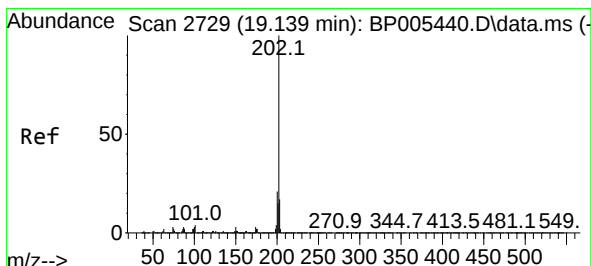
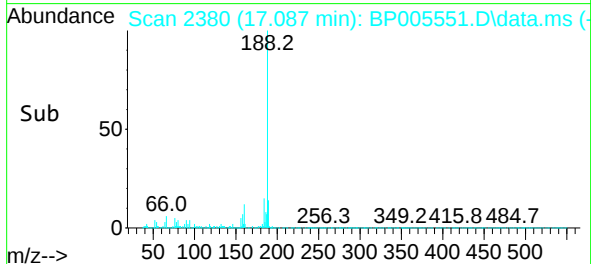
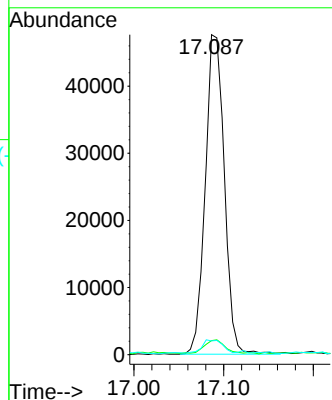
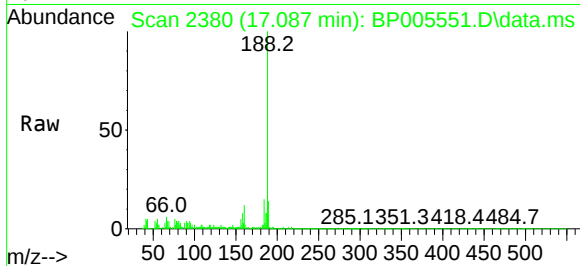




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

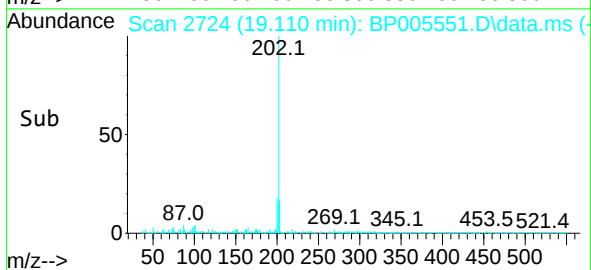
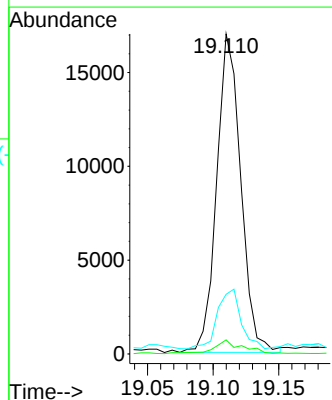
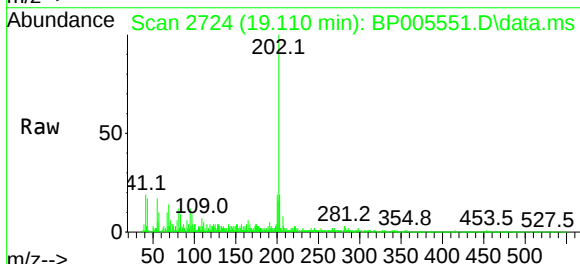
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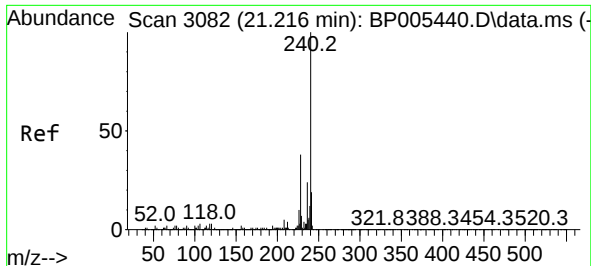
Tgt Ion:188 Resp: 70354
Ion Ratio Lower Upper
188 100
94 4.4 5.0 7.6#
80 4.3 5.9 8.9#



#75
Fluoranthene
Concen: 3.94 ng
RT: 19.110 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:202 Resp: 21671
Ion Ratio Lower Upper
202 100
101 4.4 0.0 26.1
203 18.7 0.0 37.2

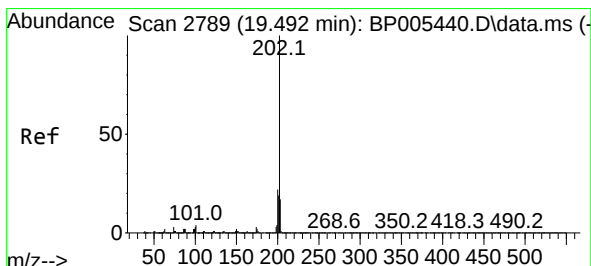
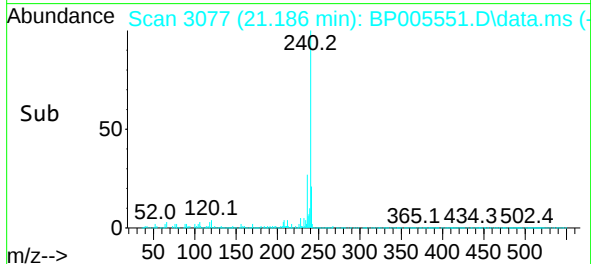
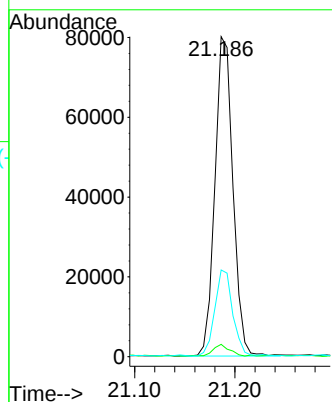
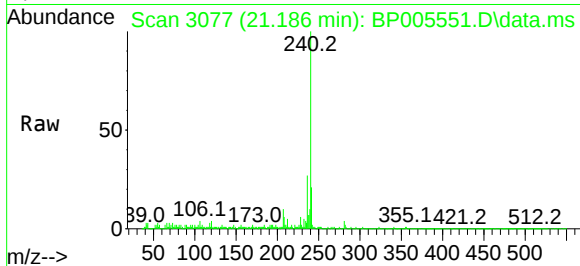




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

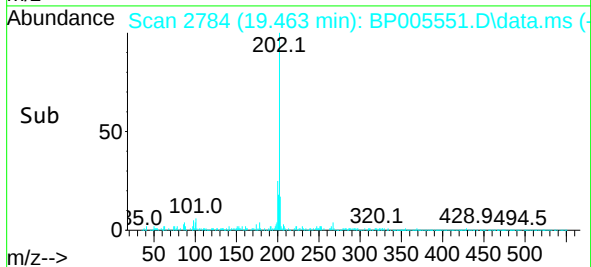
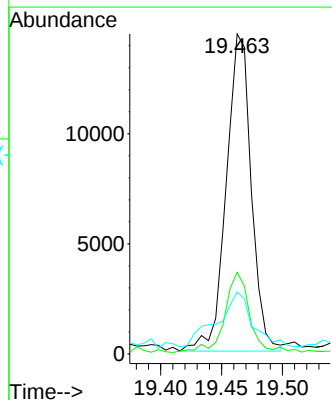
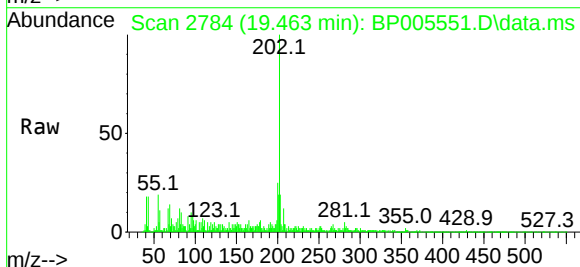
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

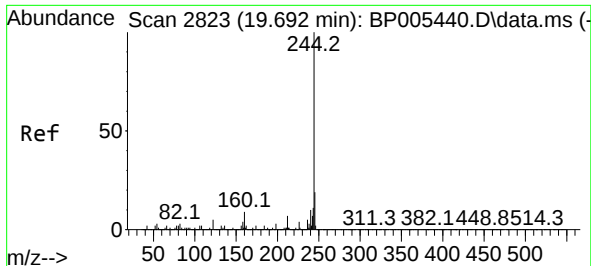
Tgt Ion:240 Resp: 99839
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 27.1 20.2 30.2



#78
Pyrene
Concen: 3.65 ng
RT: 19.463 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:202 Resp: 20614
Ion Ratio Lower Upper
202 100
200 25.5 16.9 25.3#
203 19.4 13.8 20.6

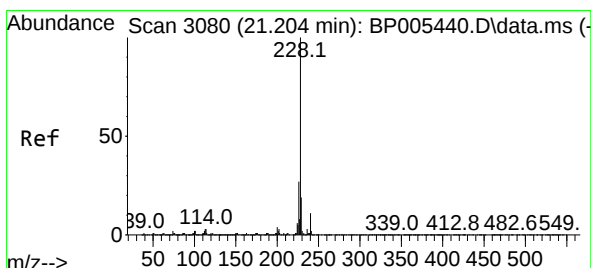
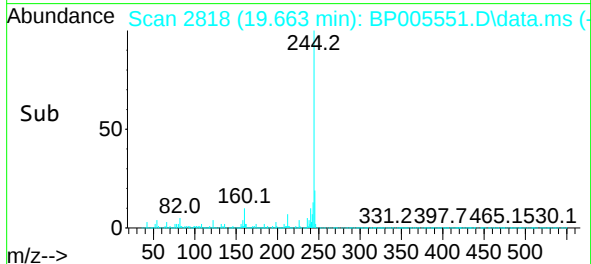
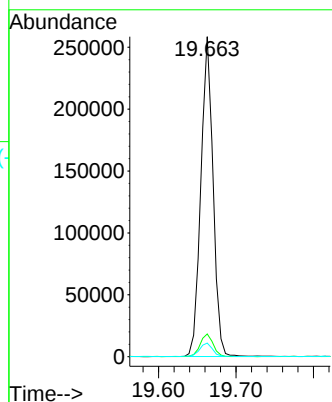
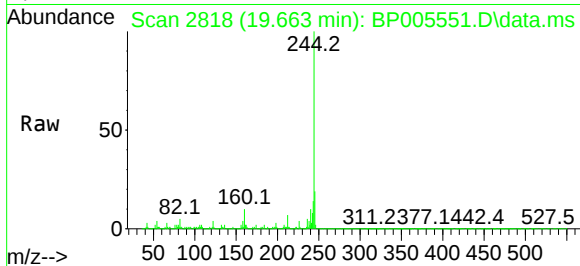




#79
Terphenyl-d14
Concen: 48.11 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

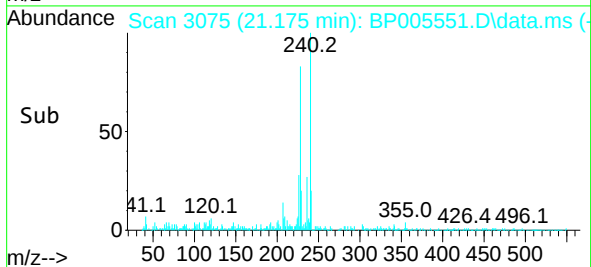
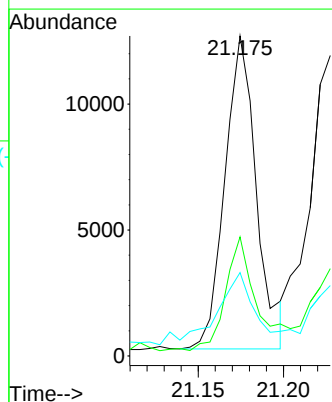
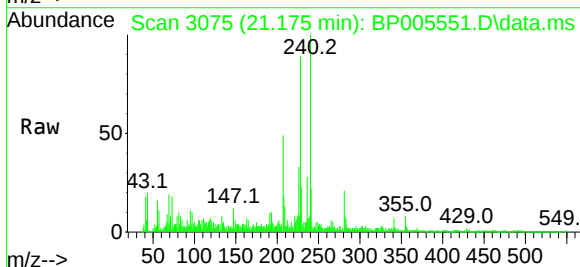
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

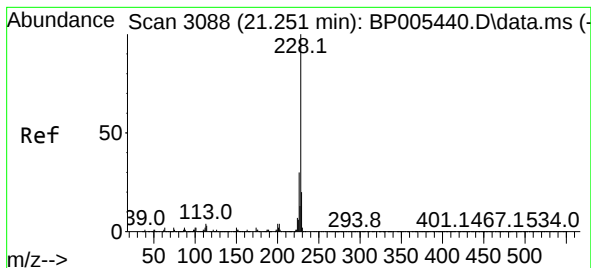
Tgt Ion:244 Resp: 282826
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 4.3 5.2 7.8#



#81
Benzo(a)anthracene
Concen: 2.47 ng
RT: 21.175 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:228 Resp: 15969
Ion Ratio Lower Upper
228 100
226 37.2 21.2 31.8#
229 26.1 15.6 23.4#





#83

Chrysene

Concen: 2.58 ng

RT: 21.227 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

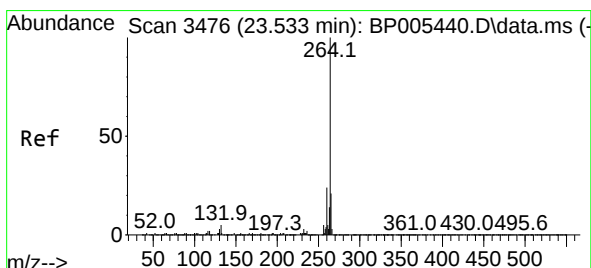
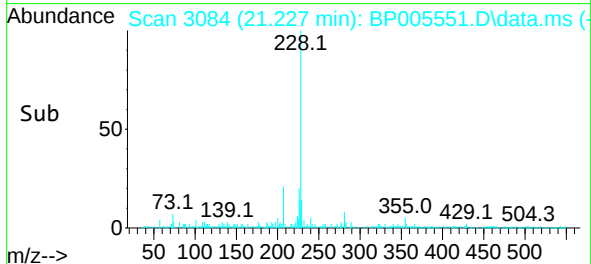
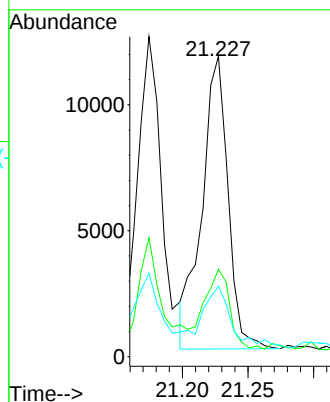
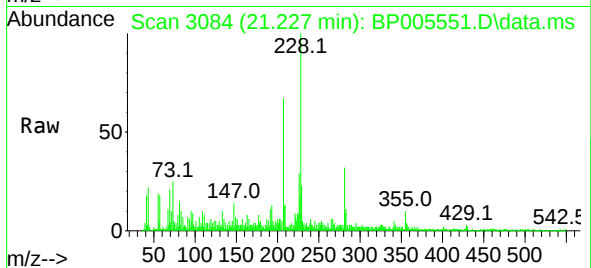
Instrument :

BNA_P

ClientSampleId :

CHRT-24702

Tgt Ion:	228	Resp:	16156
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.8	37.2
229	23.4	15.4	23.0



#86

Perylene-d12

Concen: 20.00 ng

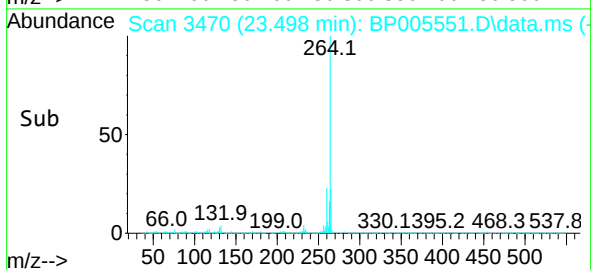
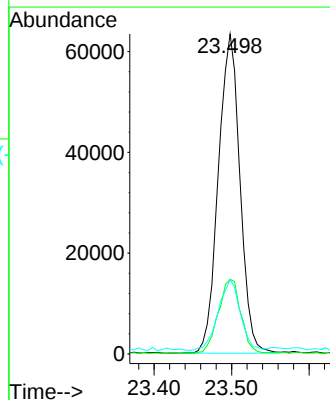
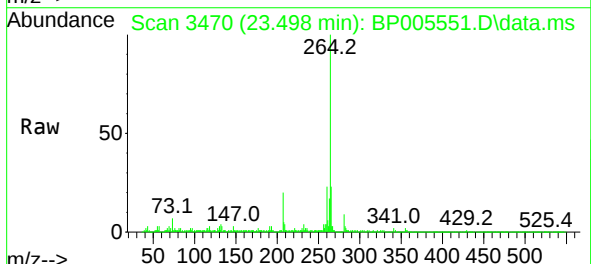
RT: 23.498 min Scan# 3470

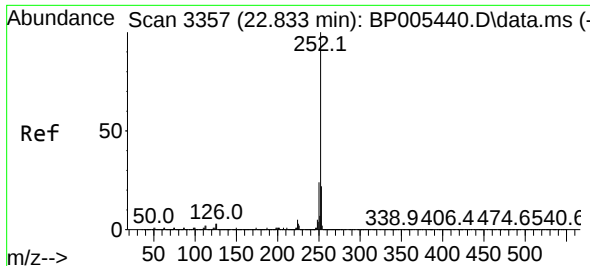
Delta R.T. 0.000 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

Tgt Ion:	264	Resp:	123097
Ion Ratio	Lower	Upper	
264	100		
260	23.4	20.6	30.8
265	23.3	19.0	28.6

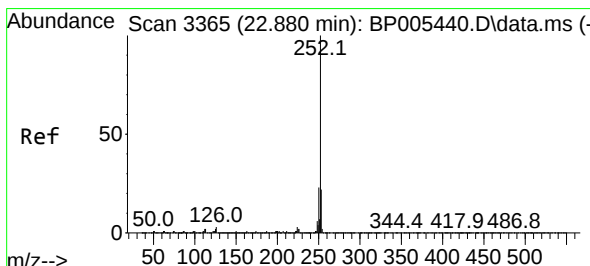
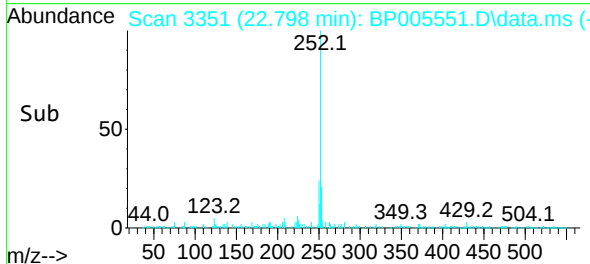
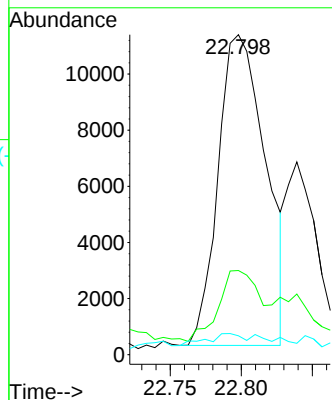
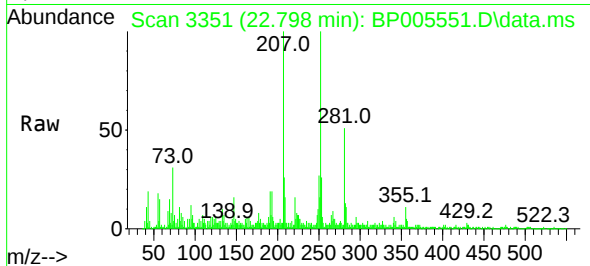




#88
Benzo(b)fluoranthene
Concen: 3.13 ng
RT: 22.798 min Scan# 3351
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

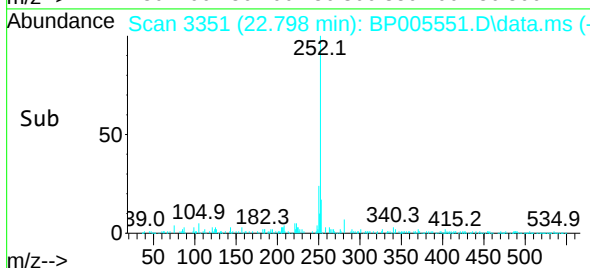
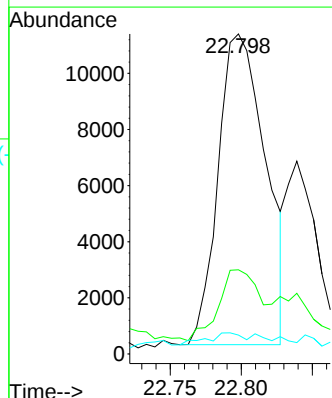
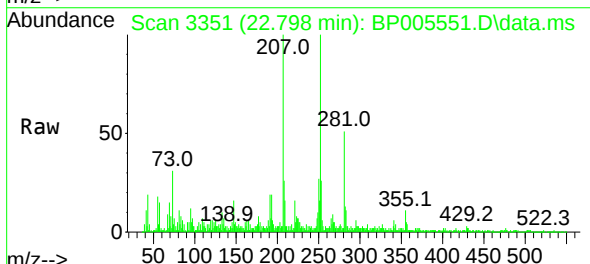
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

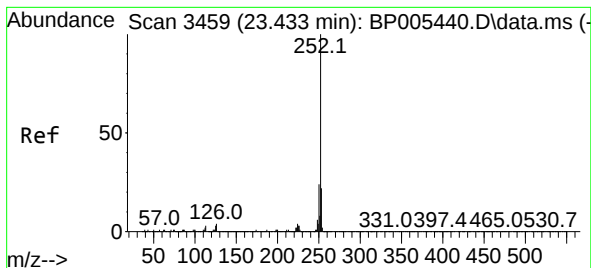
Tgt Ion:252 Resp: 25679
Ion Ratio Lower Upper
252 100
253 26.3 18.2 27.2
125 5.9 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 3.20 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.047 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

Tgt Ion:252 Resp: 25679
Ion Ratio Lower Upper
252 100
253 26.3 17.2 25.8#
125 5.9 3.8 5.6#





#90

Benzo(a)pyrene

Concen: 2.31 ng

RT: 23.392 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

Instrument :

BNA_P

ClientSampleId :

CHRT-24702

Tgt Ion:252 Resp: 17397

Ion Ratio Lower Upper

252 100

253 28.2 17.1 25.7#

125 4.5 3.8 5.6

