

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)

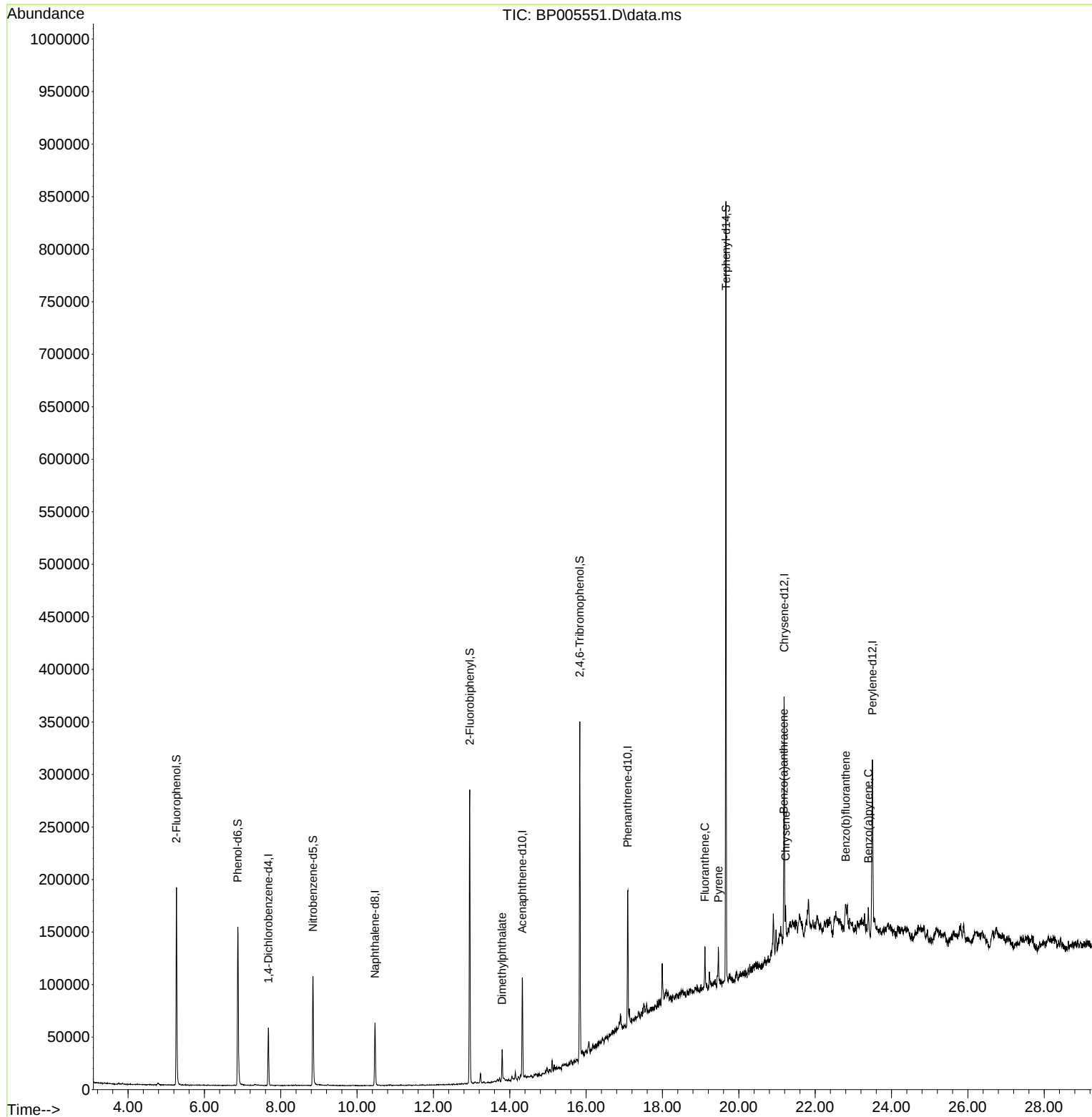
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	11999	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	37262	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	29032	20.00	ng	# 0.00
64) Phenanthrene-d10	17.087	188	70354	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	99839	20.00	ng	# 0.00
86) Perylene-d12	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
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
90) Benzo(a)pyrene	23.392	252	17397	2.31	ng	# 88

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

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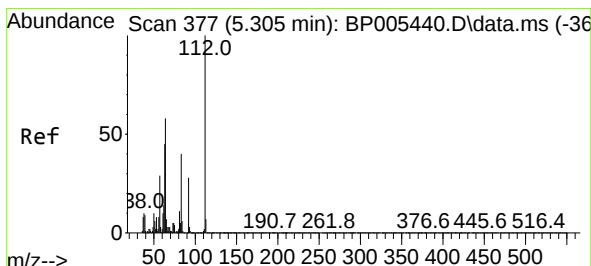
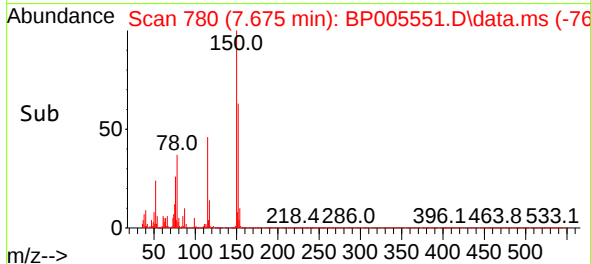
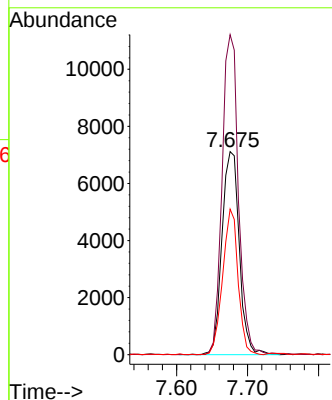
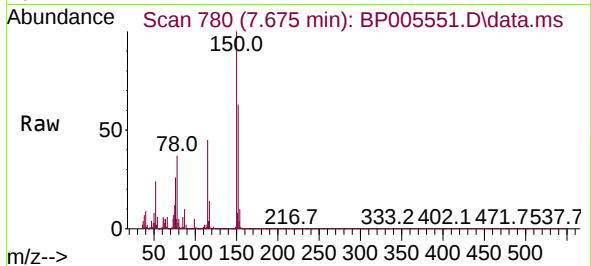




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

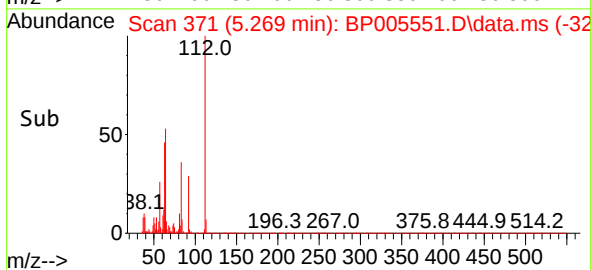
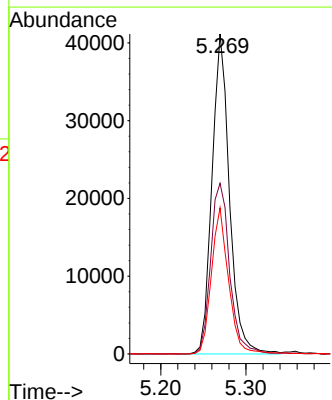
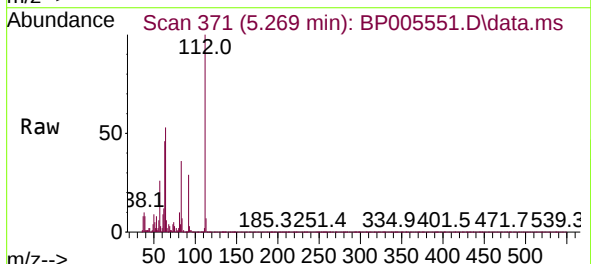
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

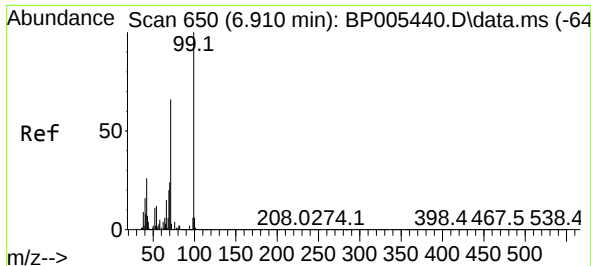
Tgt Ion:152 Resp: 11999
Ion Ratio Lower Upper
152 100
150 157.6 119.8 179.8
115 71.7 49.0 73.4



#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

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#

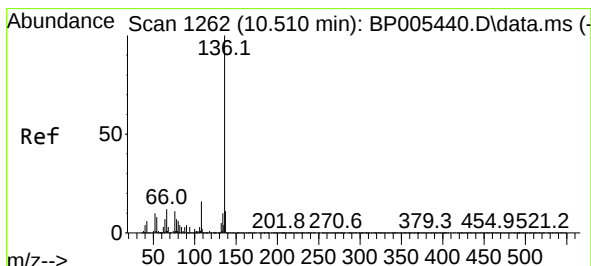
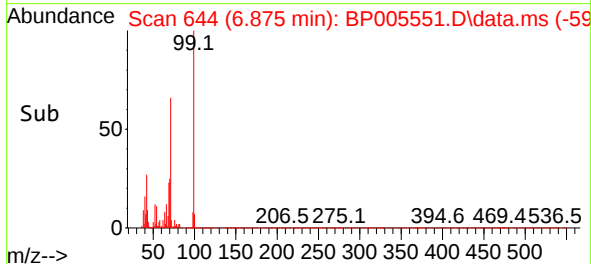
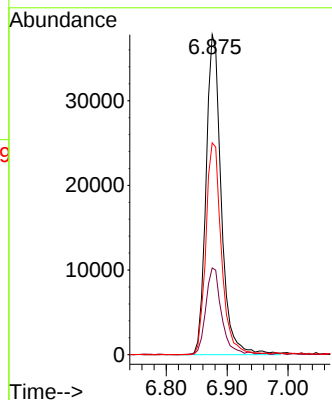
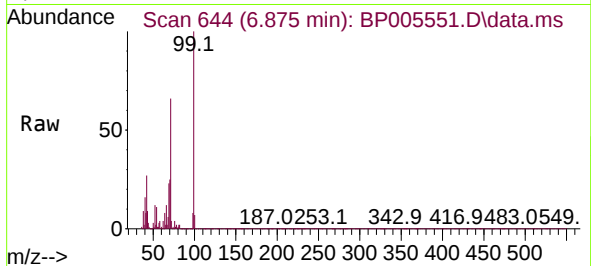




#7
Phenol-d6
Concen: 84.36 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

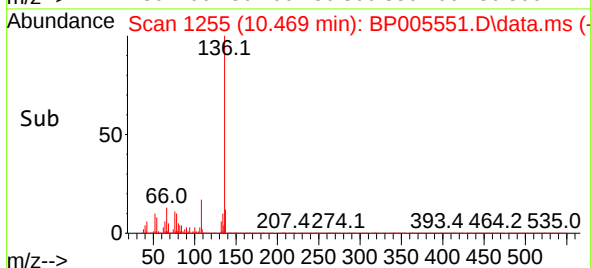
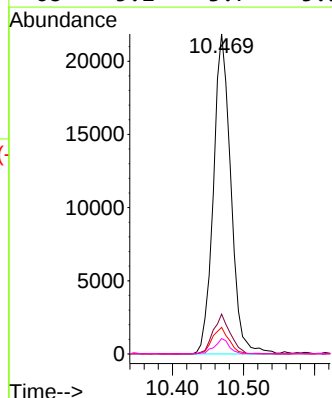
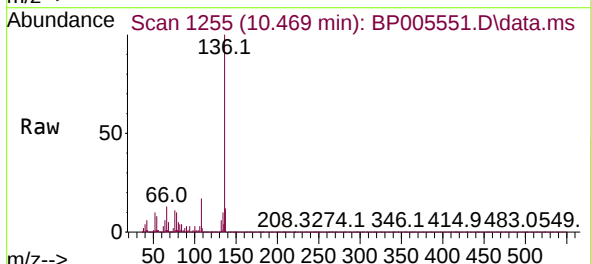
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

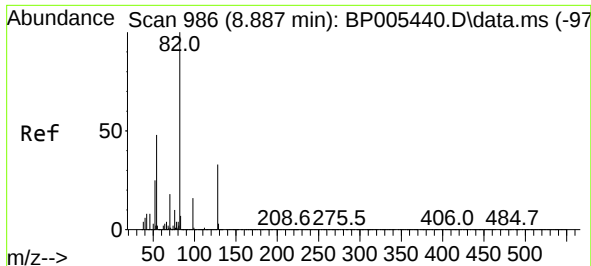
Tgt Ion: 99 Resp: 65768
Ion Ratio Lower Upper
99 100
42 27.1 12.9 19.3#
71 66.2 26.7 40.1#



#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

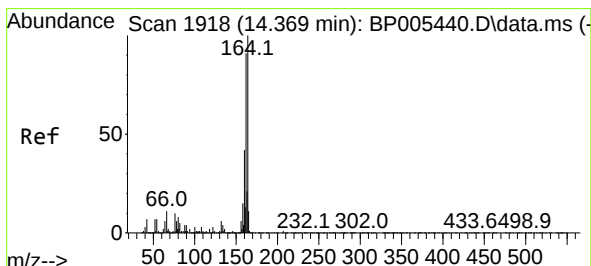
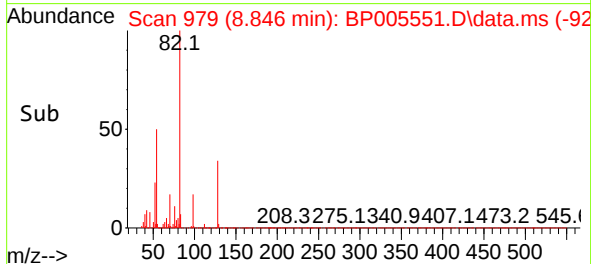
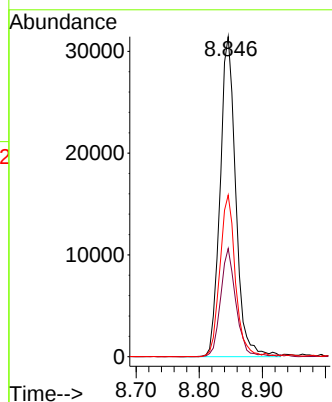
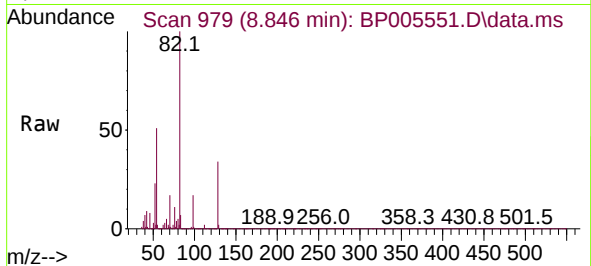




#23
Nitrobenzene-d5
Concen: 57.31 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

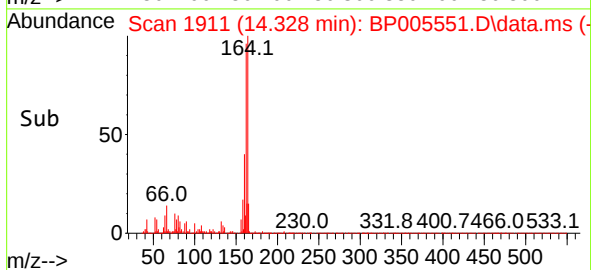
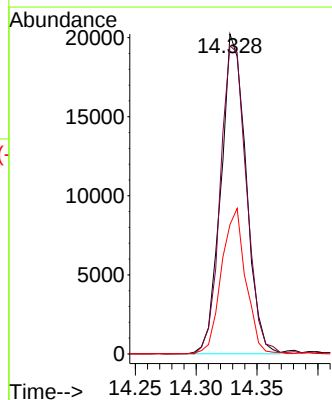
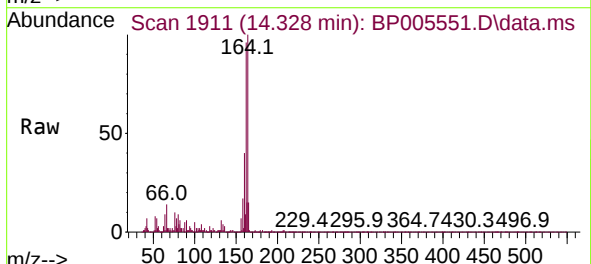
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

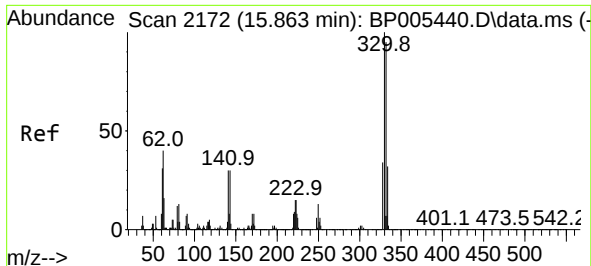
Tgt Ion: 82 Resp: 54255
Ion Ratio Lower Upper
82 100
128 33.8 30.5 45.7
54 50.5 33.9 50.9



#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#

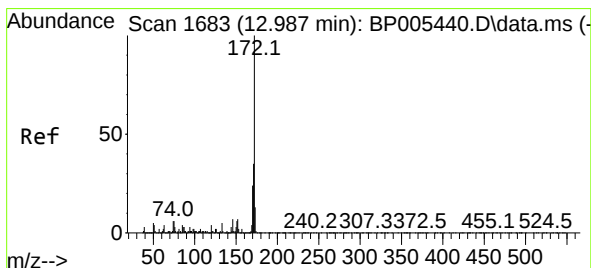
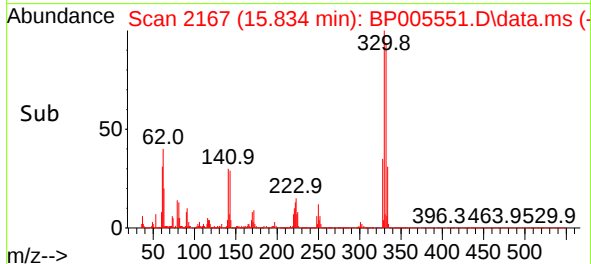
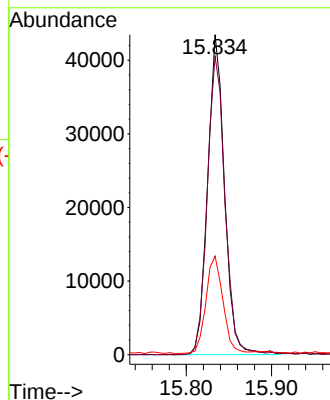
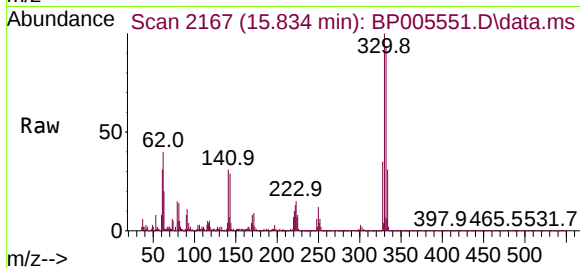




#42
2,4,6-Tribromophenol
Concen: 72.73 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

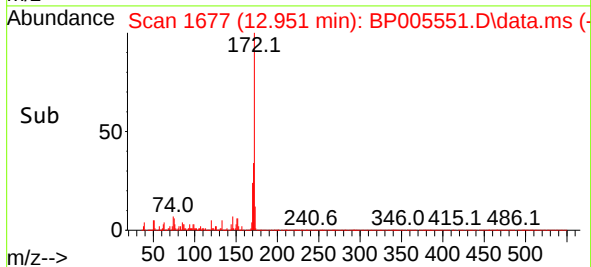
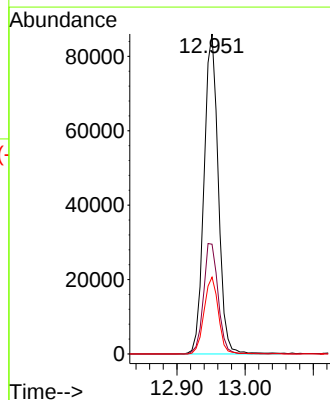
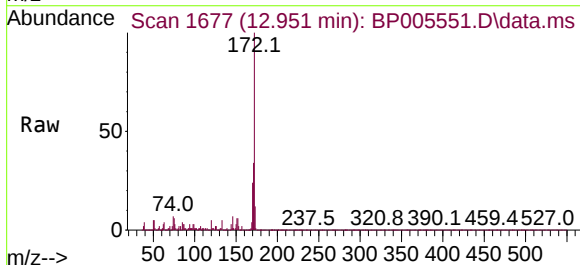
Instrument :
BNA_P
ClientSampleId :
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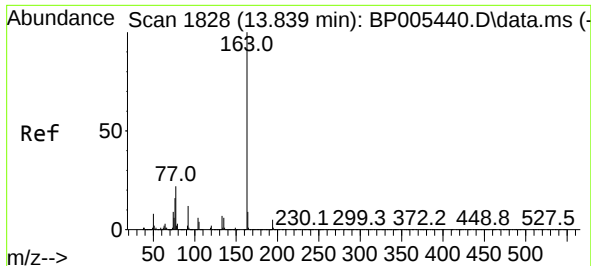
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	31.0	22.8	34.2



#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

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

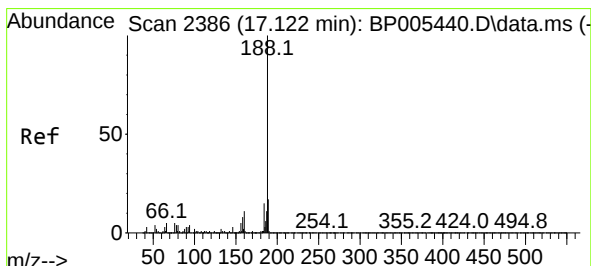
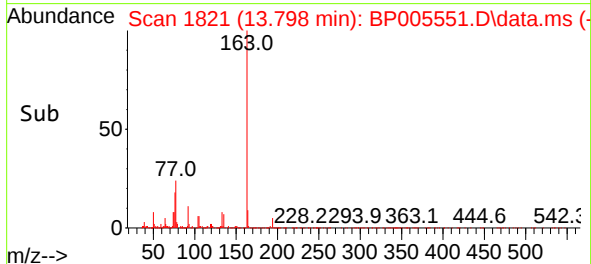
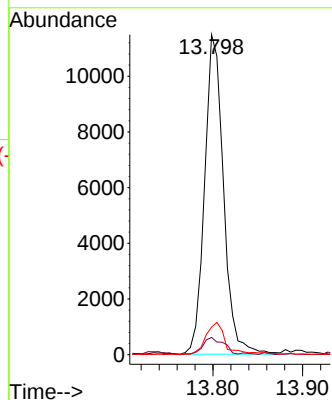
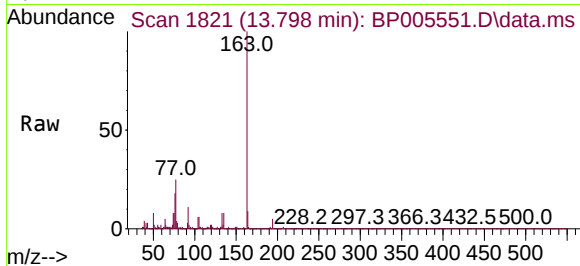




#50
Dimethylphthalate
Concen: 6.71 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

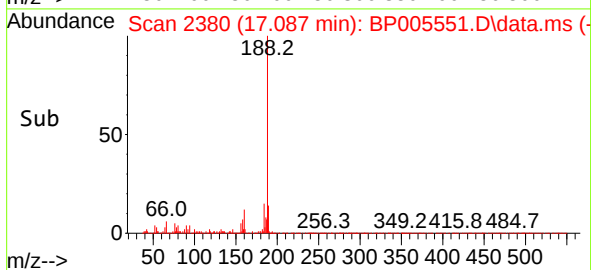
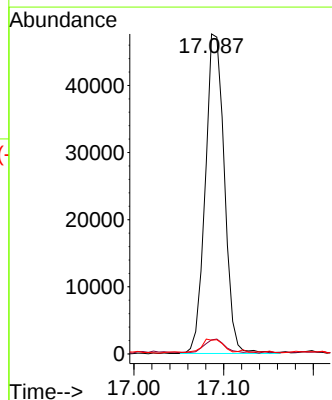
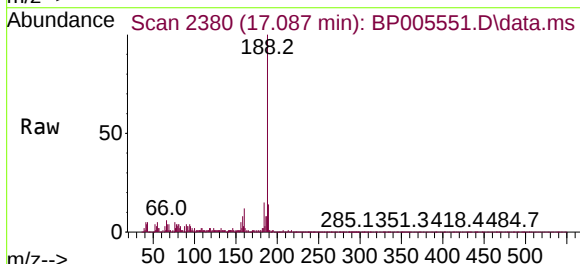
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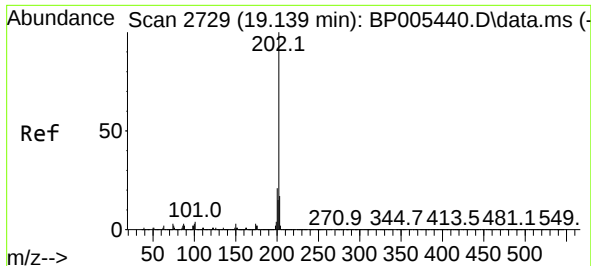
Tgt Ion:163 Resp: 16825
Ion Ratio Lower Upper
163 100
194 5.4 3.9 5.9
164 8.6 8.1 12.1



#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

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#

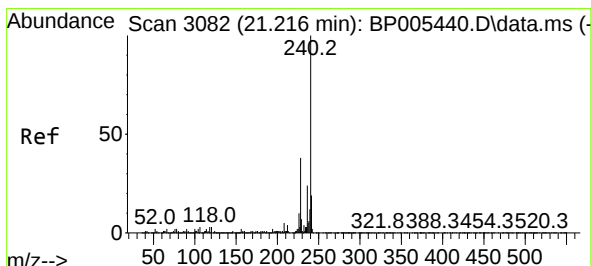
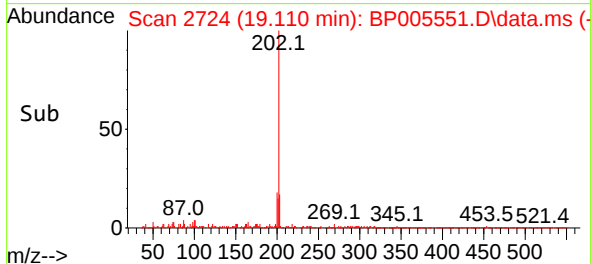
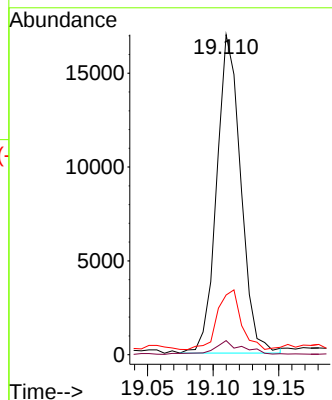
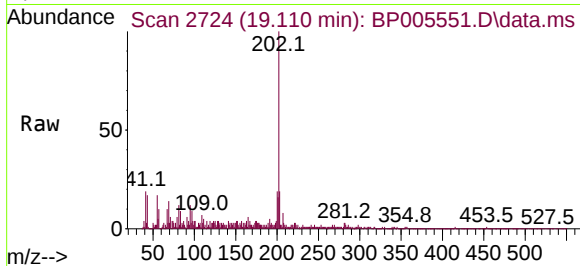




#75
Fluoranthene
Concen: 3.94 ng
RT: 19.110 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

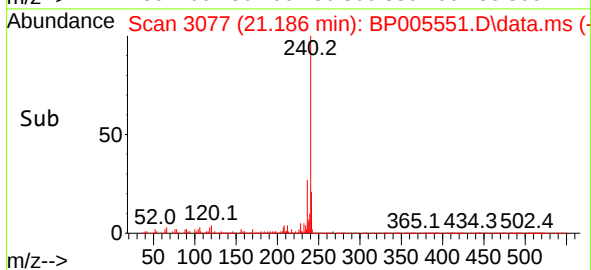
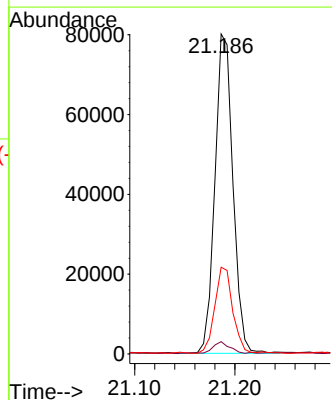
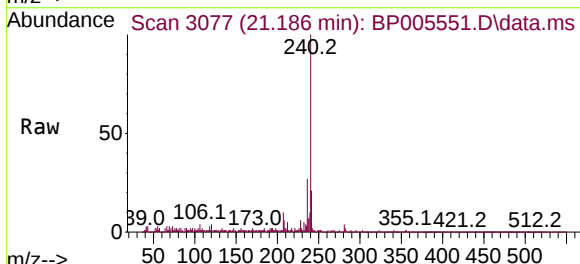
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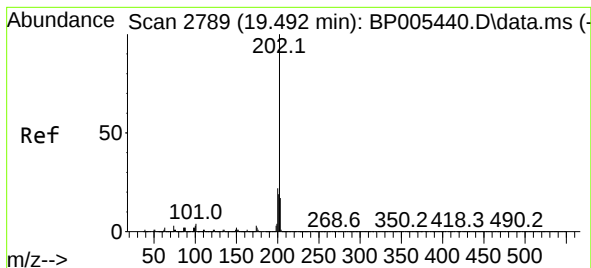
Tgt Ion:	202	Resp:	21671
Ion Ratio	Lower	Upper	
202	100		
101	4.4	0.0	26.1
203	18.7	0.0	37.2



#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

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

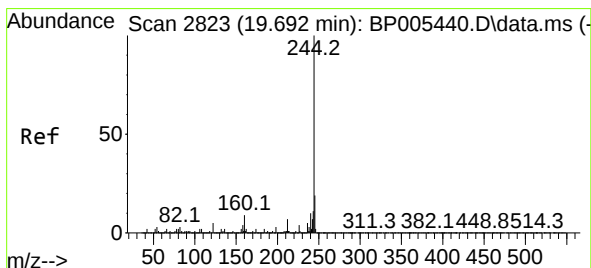
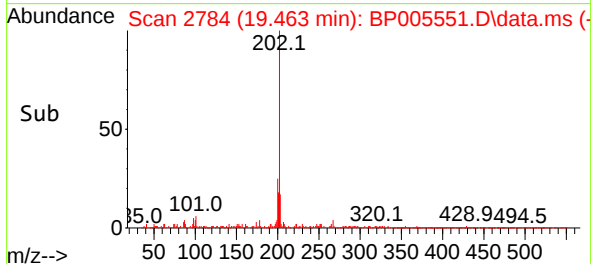
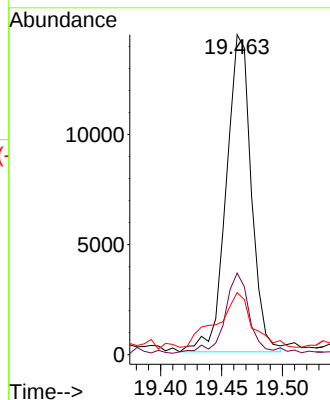
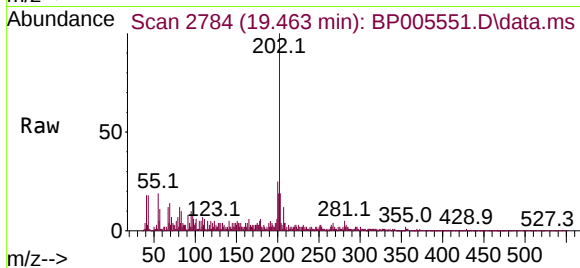
Instrument :

BNA_P

ClientSampleId :

CHRT-24702

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

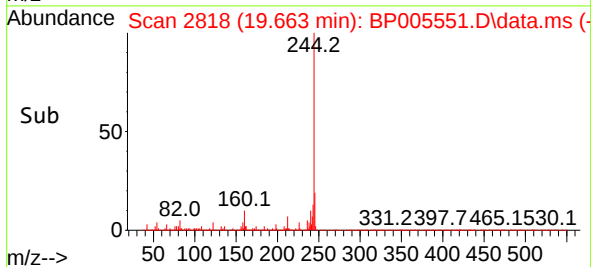
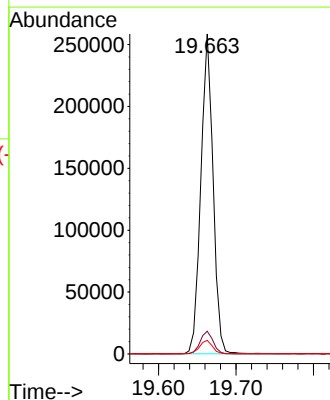
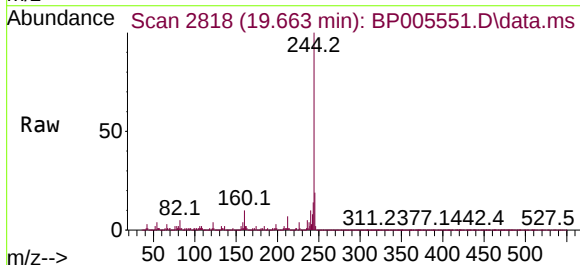
RT: 19.663 min Scan# 2818

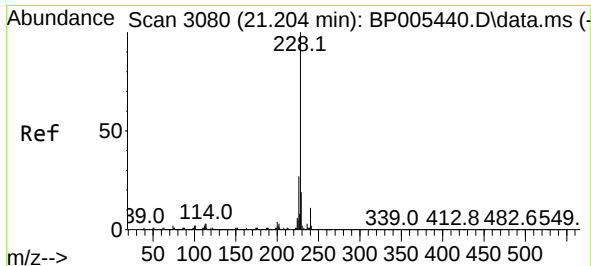
Delta R.T. 0.000 min

Lab File: BP005551.D

Acq: 14 May 2021 16:25

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#

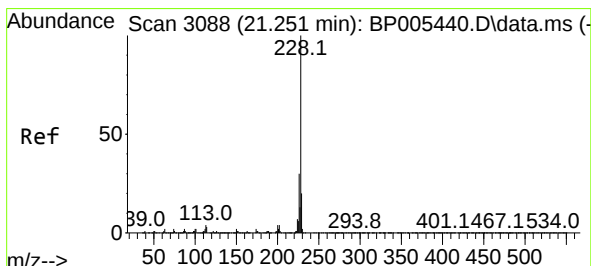
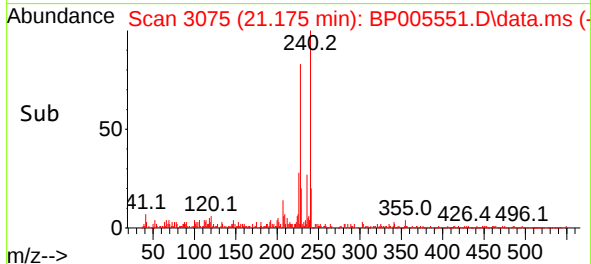
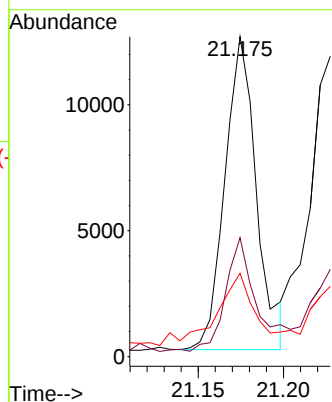
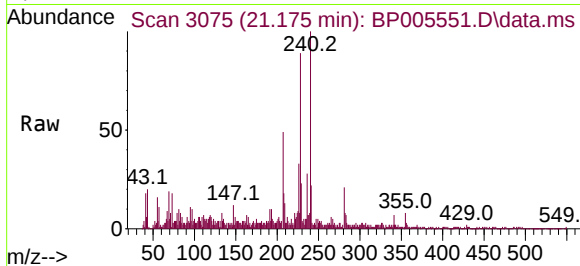




#81
Benzo(a)anthracene
Concen: 2.47 ng
RT: 21.175 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

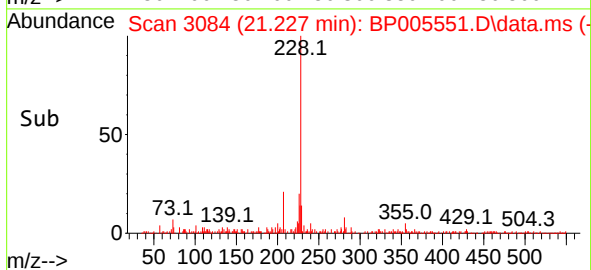
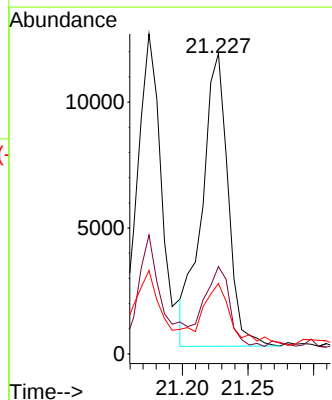
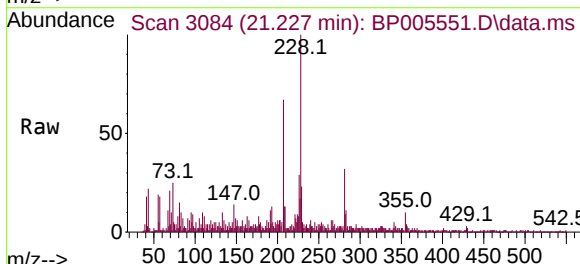
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

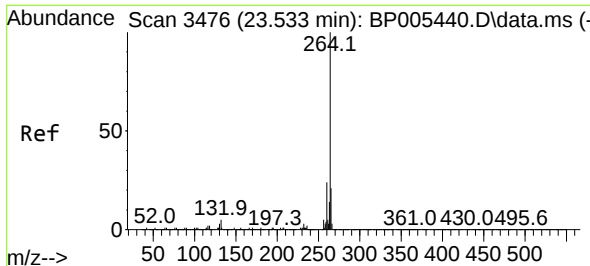
Tgt Ion:228 Resp: 15969
Ion Ratio Lower Upper
228 100
226 37.2 21.2 31.8#
229 26.1 15.6 23.4#



#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

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#

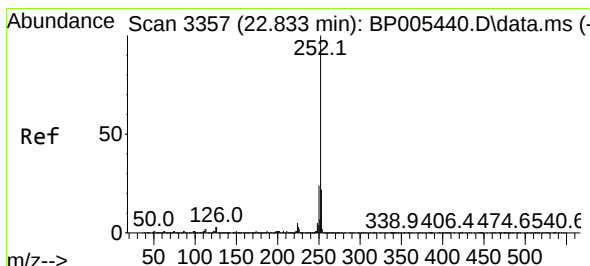
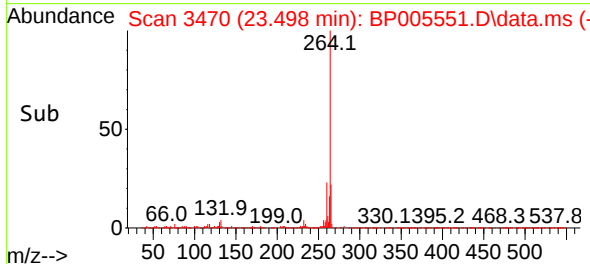
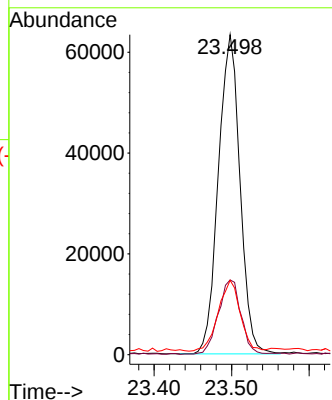
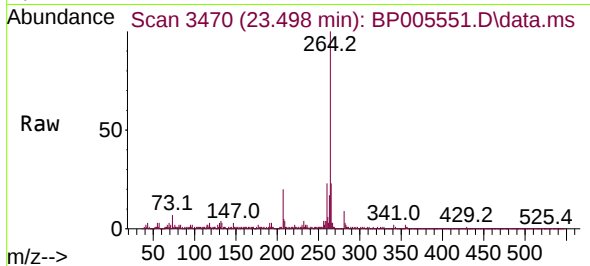




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.000 min
Lab File: BP005551.D
Acq: 14 May 2021 16:25

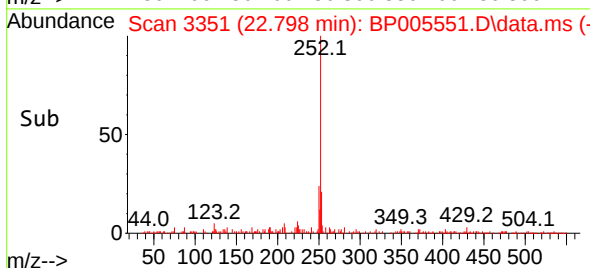
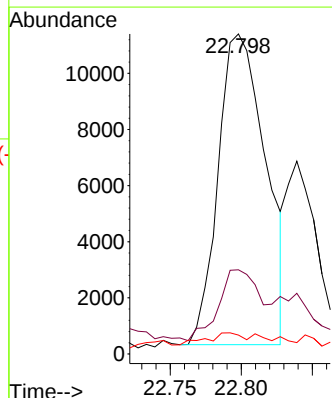
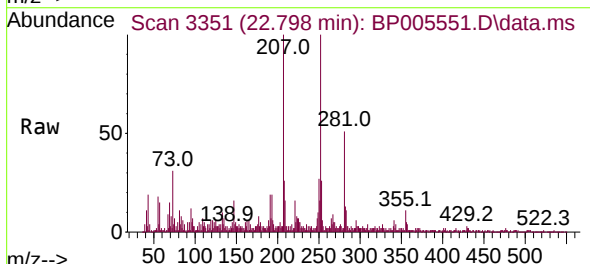
Instrument :
BNA_P
ClientSampleId :
CHRT-24702

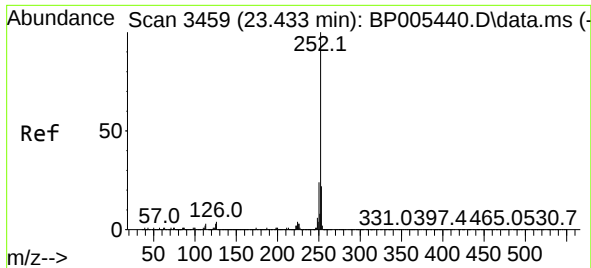
Tgt Ion:	264	Resp:	123097
Ion Ratio	Lower	Upper	
264	100		
260	23.4	20.6	30.8
265	23.3	19.0	28.6



#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

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#





#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

