

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005531.D
 Acq On : 13 May 2021 21:43
 Operator : CG/JU
 Sample : M2372-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26855

Quant Time: May 14 02:14:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

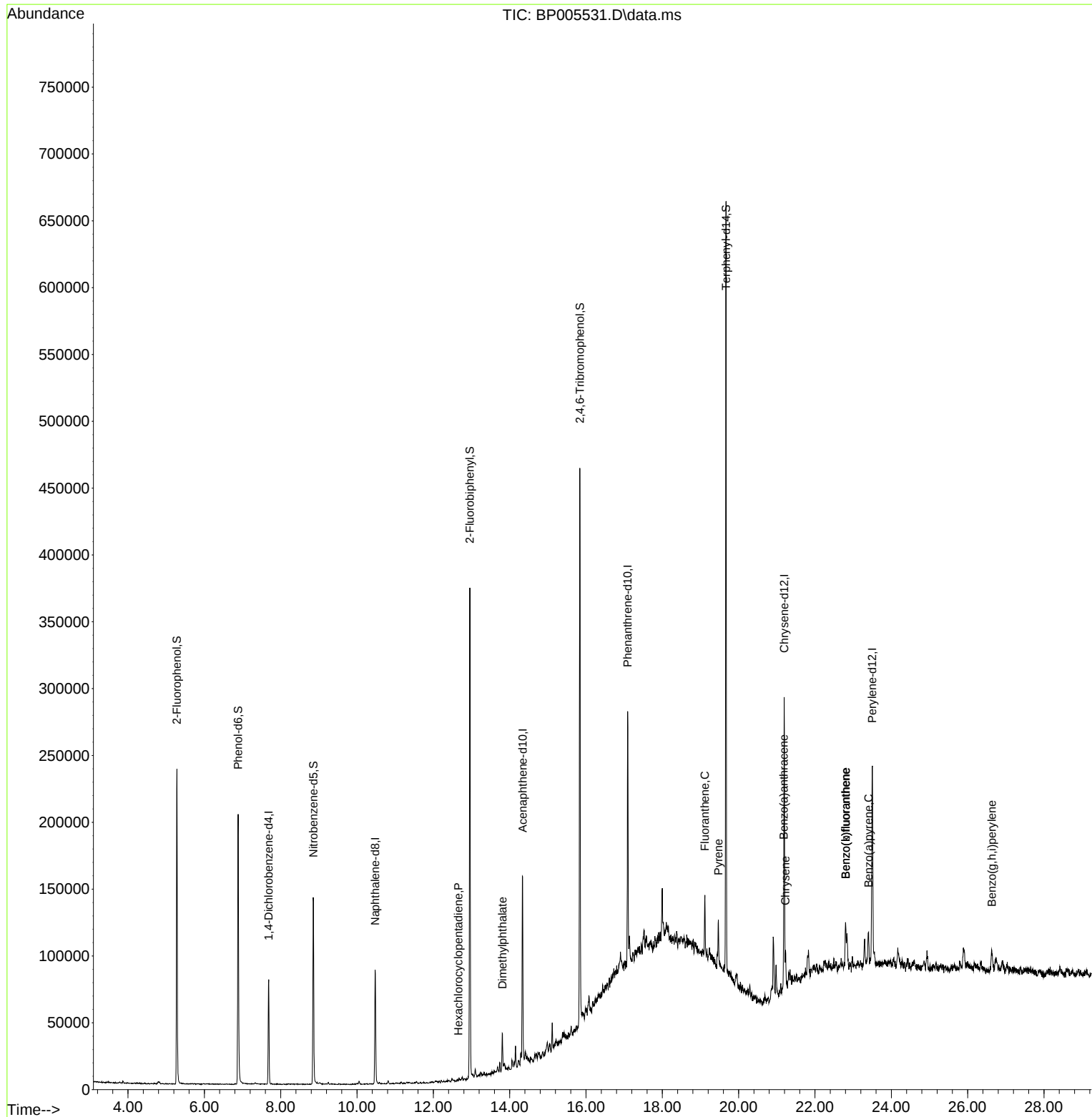
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	16672	20.00	ng	-0.02
21) Naphthalene-d8	10.475	136	52384	20.00	ng	#-0.02
39) Acenaphthene-d10	14.339	164	42618	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	96278	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	97366	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	115439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	71115	81.86	ng	0.00
7) Phenol-d6	6.887	99	79037	72.96	ng	0.00
23) Nitrobenzene-d5	8.857	82	69812	52.45	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	81605	67.48	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	152732	40.43	ng	-0.01
79) Terphenyl-d14	19.669	244	235582	41.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	23	Below Cal	#	1
9) Benzaldehyde	6.787	77	19	Below Cal	#	33
41) Hexachlorocyclopentadiene	12.657	237	7	7.88	ng	84
50) Dimethylphthalate	13.810	163	16529	4.49	ng	# 97
75) Fluoranthene	19.116	202	24767	3.29	ng	97
78) Pyrene	19.469	202	21323	3.87	ng	98
81) Benzo(a)anthracene	21.180	228	14134	2.24	ng	97
83) Chrysene	21.227	228	15600	2.55	ng	97
88) Benzo(b)fluoranthene	22.804	252	26628	3.46	ng	# 98
89) Benzo(k)fluoranthene	22.804	252	26628	3.54	ng	# 96
90) Benzo(a)pyrene	23.404	252	20728	2.94	ng	# 93
92) Benzo(g,h,i)perylene	26.633	276	17889	2.26	ng	# 90

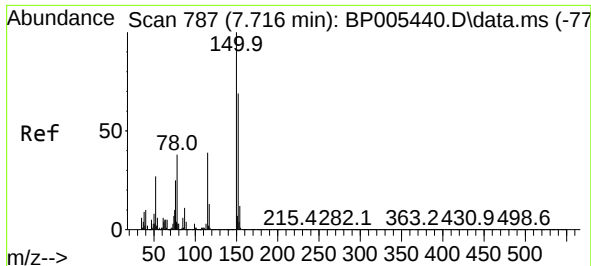
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005531.D
Acq On : 13 May 2021 21:43
Operator : CG/JU
Sample : M2372-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-26855

Quant Time: May 14 02:14:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

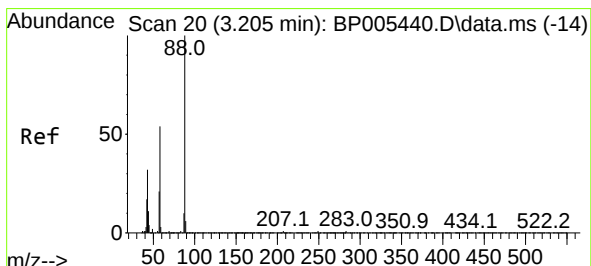
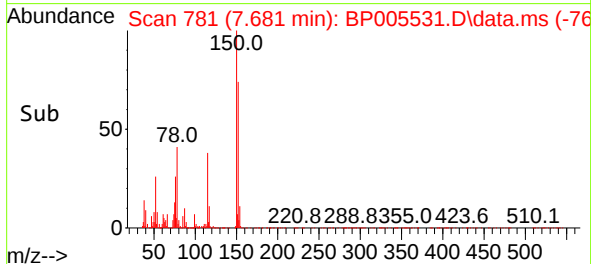
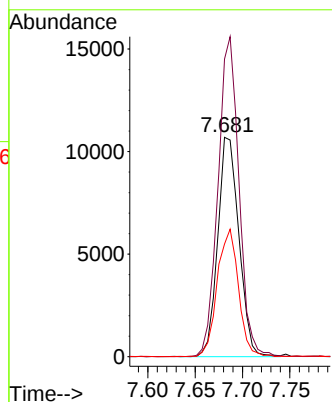
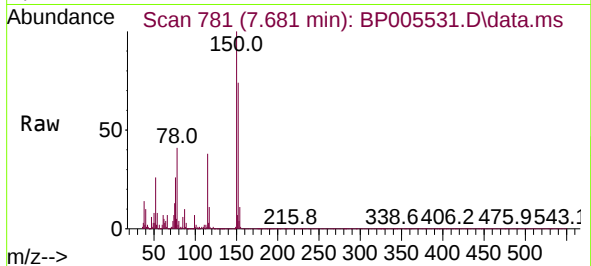




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.681 min Scan# 781
Delta R.T. -0.018 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

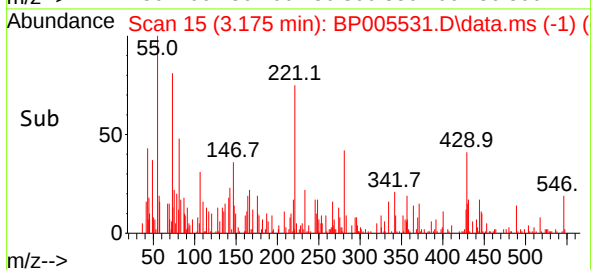
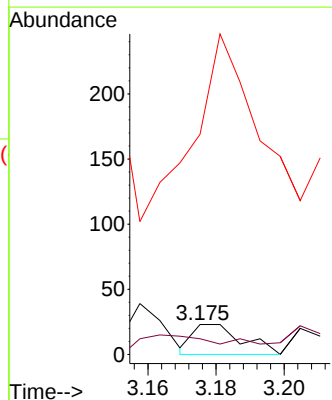
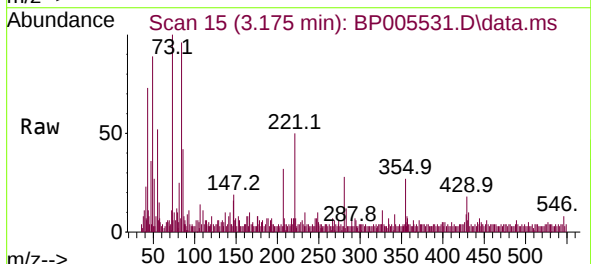
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

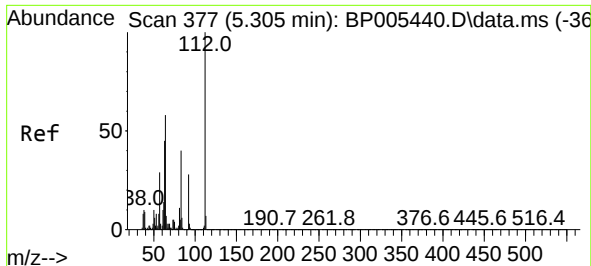
Tgt Ion:152 Resp: 16672
Ion Ratio Lower Upper
152 100
150 135.6 119.8 179.8
115 51.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.175 min Scan# 15
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 930.4 19.8 29.8#

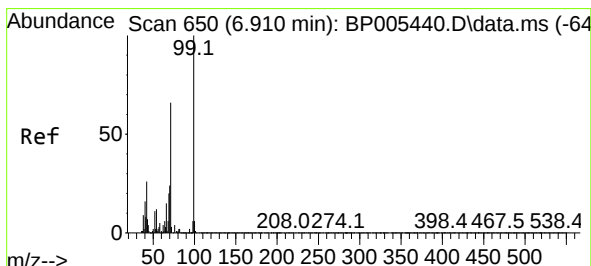
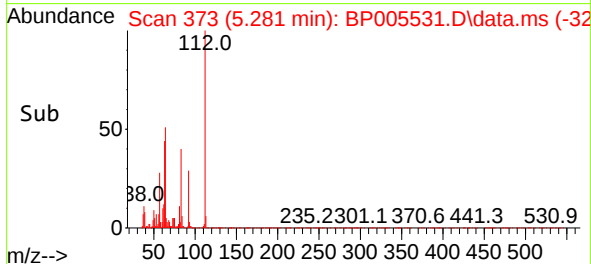
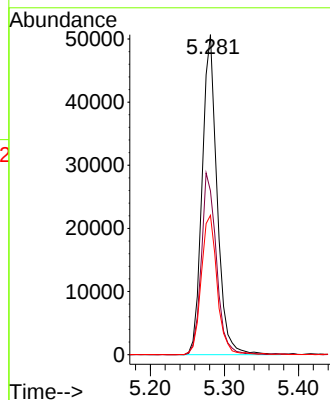
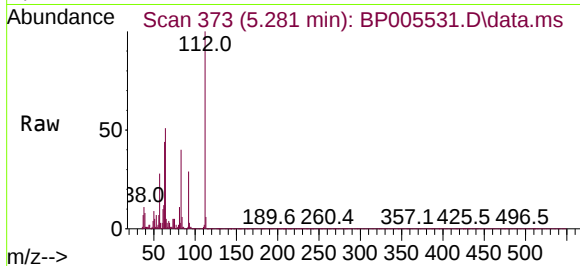




#5
2-Fluorophenol
Concen: 81.86 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

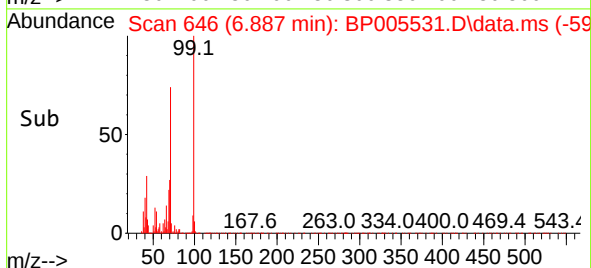
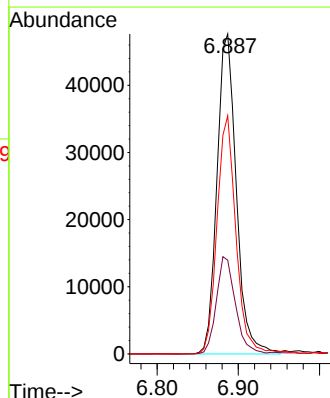
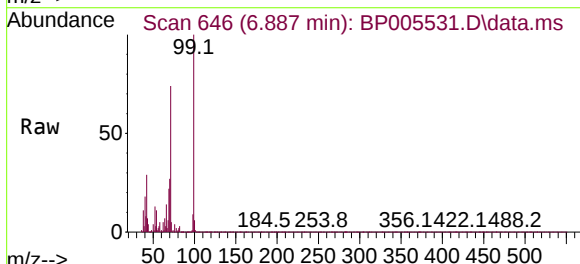
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

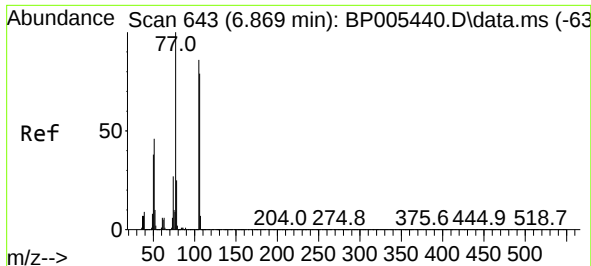
Tgt Ion:112 Resp: 71115
Ion Ratio Lower Upper
112 100
64 51.2 33.6 50.4#
63 43.5 18.6 27.8#



#7
Phenol-d6
Concen: 72.96 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion: 99 Resp: 79037
Ion Ratio Lower Upper
99 100
42 29.3 12.9 19.3#
71 74.5 26.7 40.1#

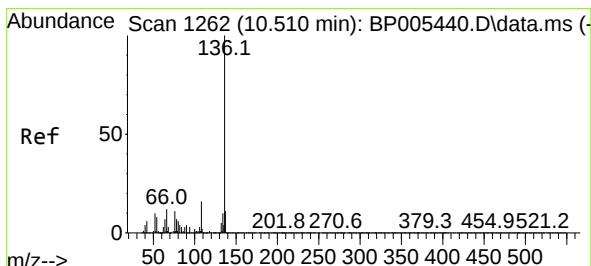
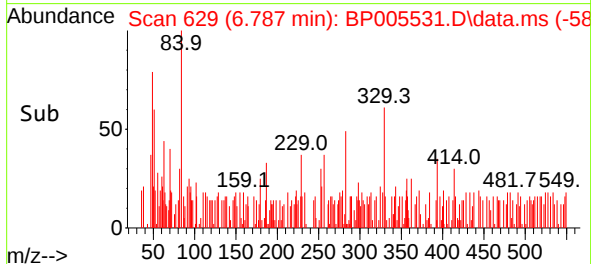
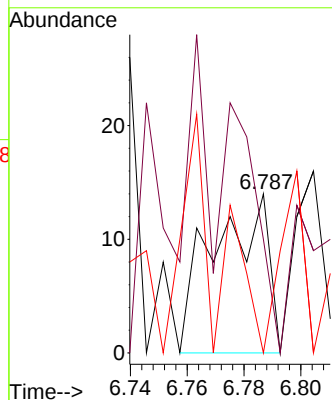
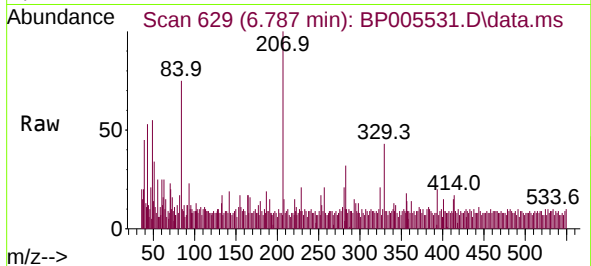




#9
Benzaldehyde
Concen: Below Cal
RT: 6.787 min Scan# 629
Delta R.T. -0.059 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

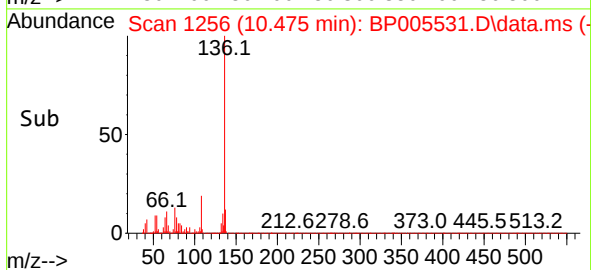
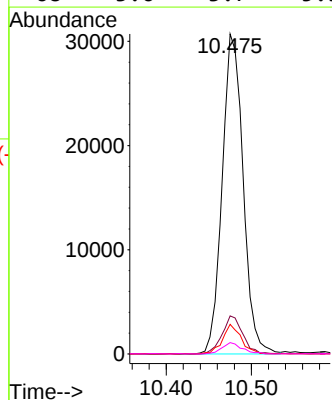
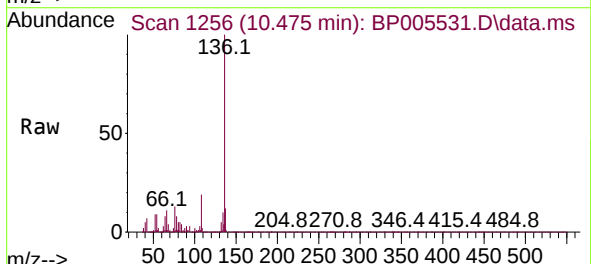
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

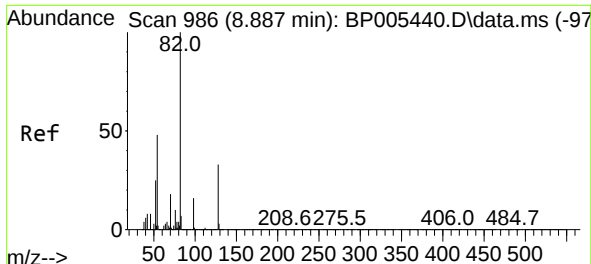
Tgt Ion: 77 Resp: 19
Ion Ratio Lower Upper
77 100
105 71.4 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.018 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:136 Resp: 52384
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 9.3 5.0 7.4#
68 3.6 3.7 5.5#

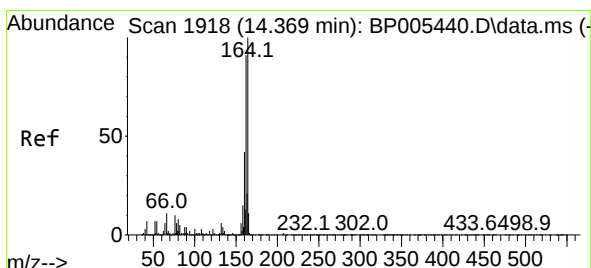
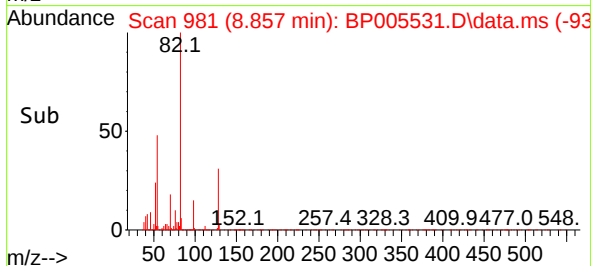
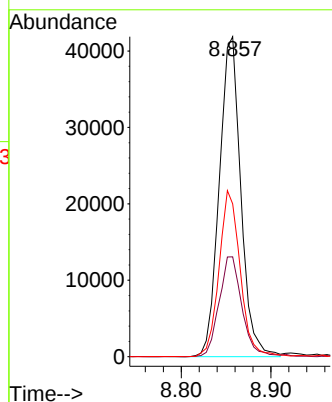
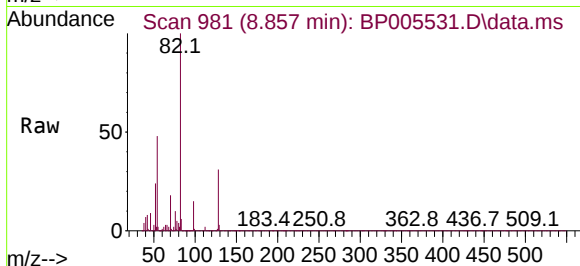




#23
Nitrobenzene-d5
Concen: 52.45 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

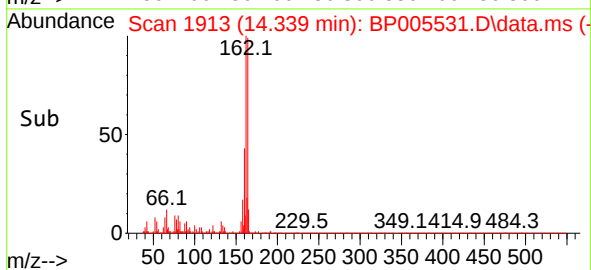
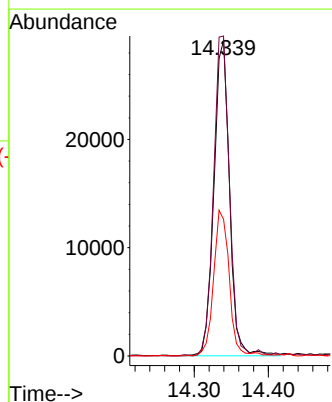
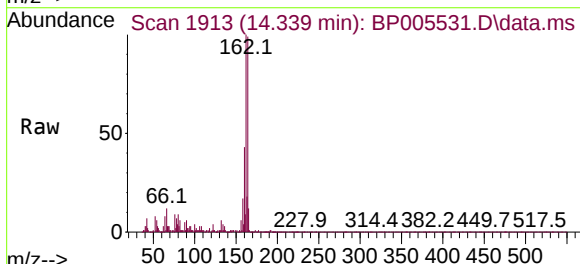
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

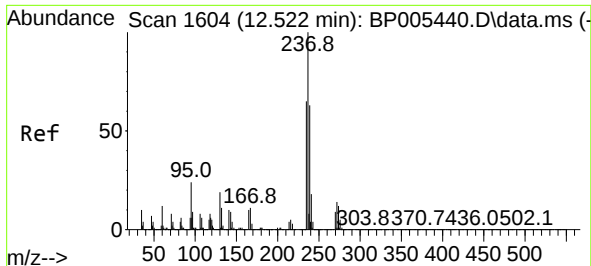
Tgt Ion: 82 Resp: 69812
Ion Ratio Lower Upper
82 100
128 31.2 30.5 45.7
54 47.8 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion: 164 Resp: 42618
Ion Ratio Lower Upper
164 100
162 101.4 73.5 110.3
160 43.3 40.6 61.0

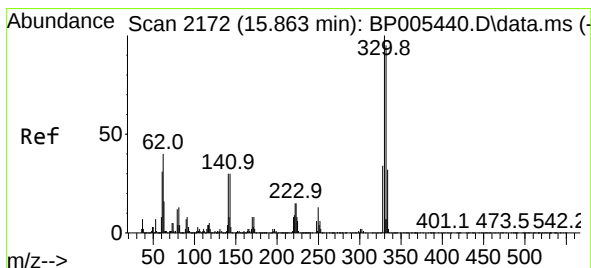
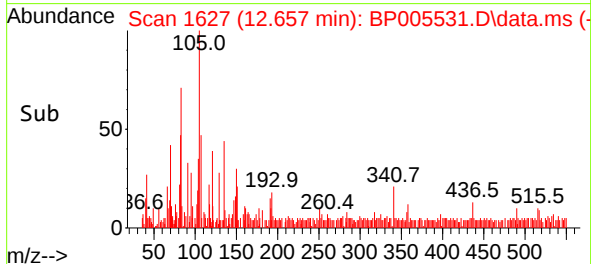
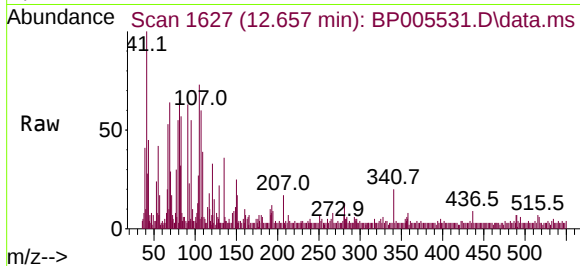




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.159 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

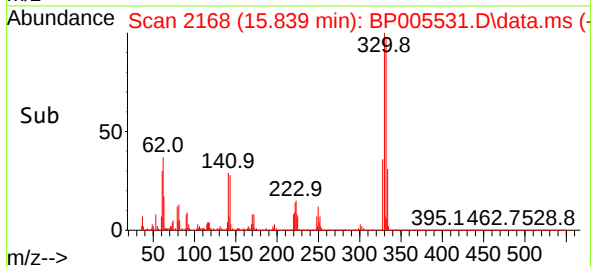
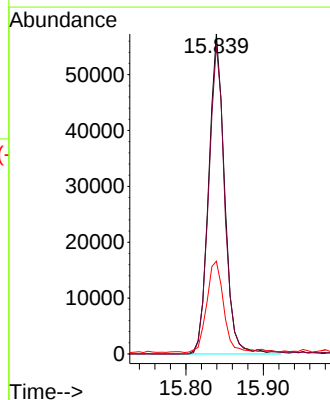
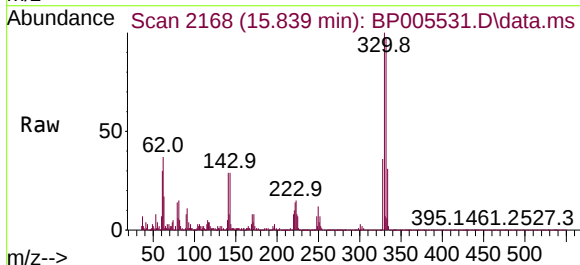
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

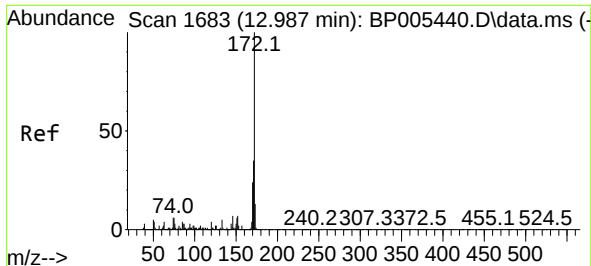
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	70.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 67.48 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:	330	Resp:	81605
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.3	114.5
141	30.2	22.8	34.2

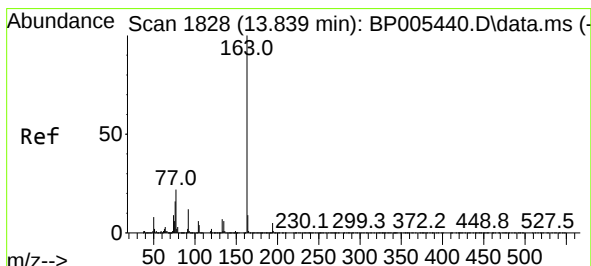
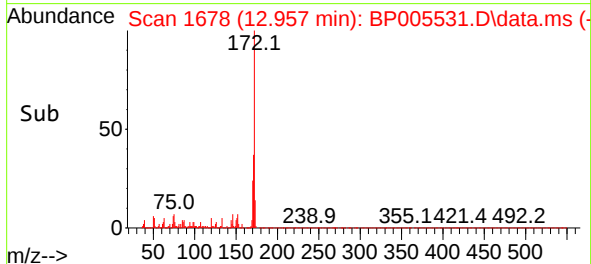
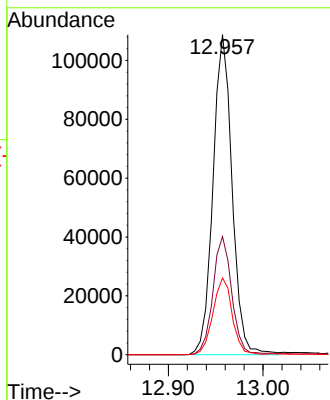
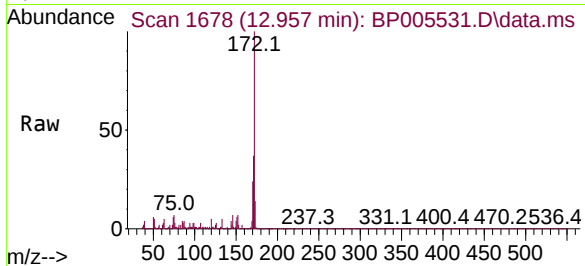




#45
2-Fluorobiphenyl
Concen: 40.43 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

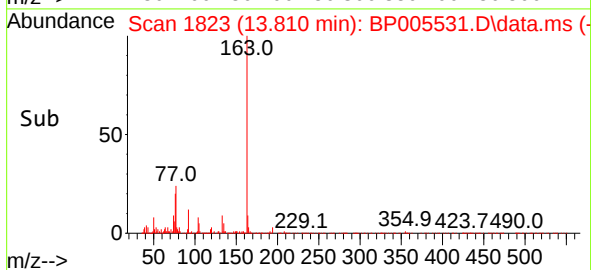
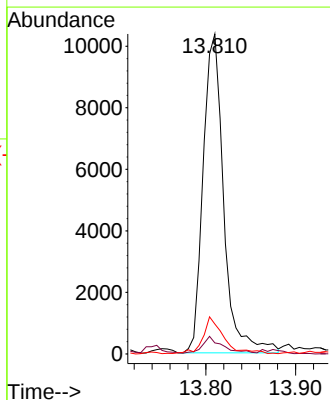
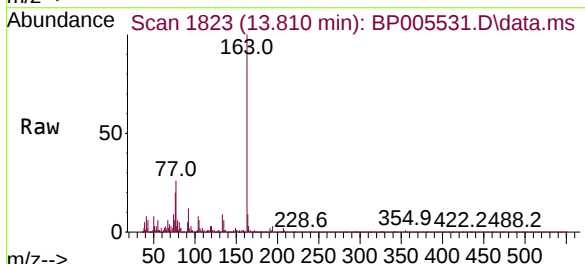
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

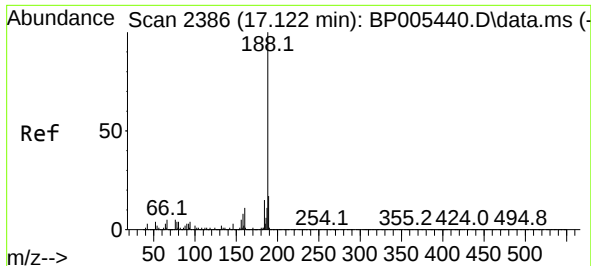
Tgt Ion:172	Resp:	152732
Ion Ratio	Lower	Upper
172	100	
171	36.9	28.1 42.1
170	24.0	19.6 29.4



#50
Dimethylphthalate
Concen: 4.49 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:163	Resp:	16529
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.9 5.9#
164	9.3	8.1 12.1

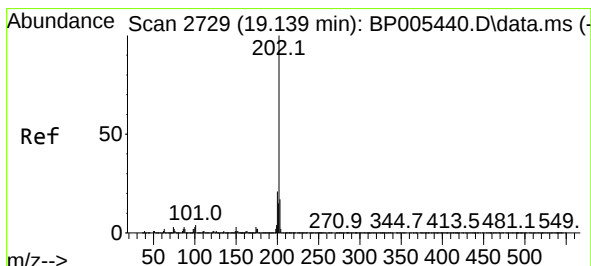
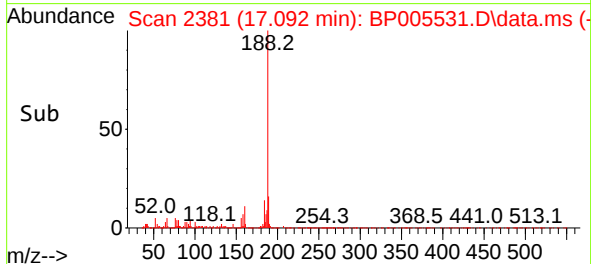
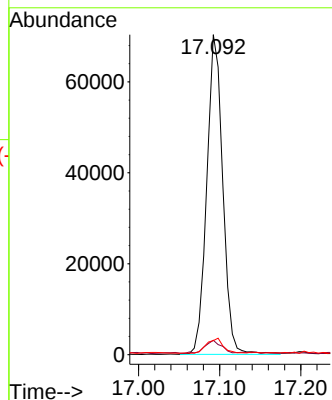
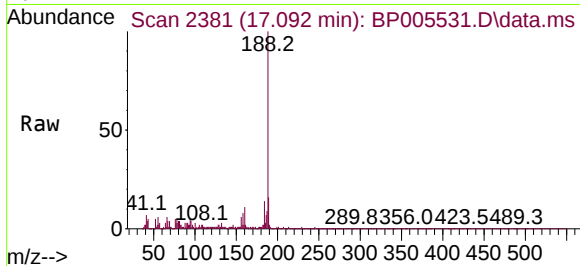




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

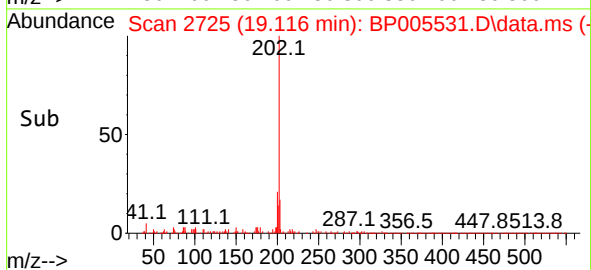
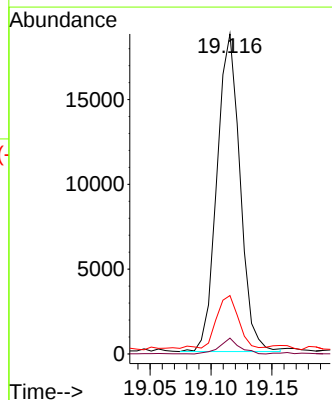
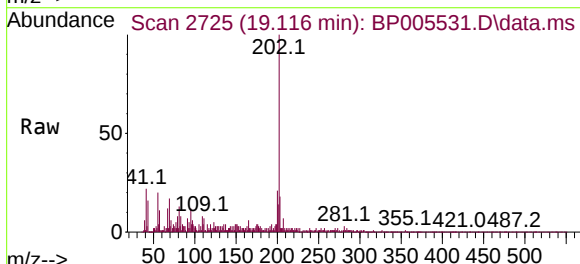
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

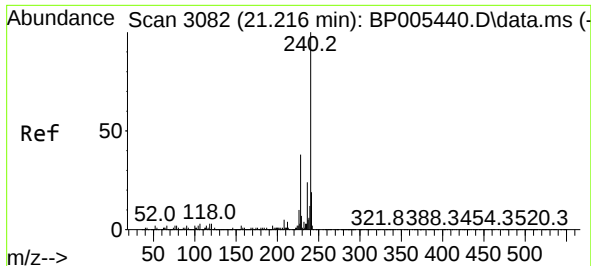
Tgt Ion:188 Resp: 96278
Ion Ratio Lower Upper
188 100
94 4.5 5.0 7.6#
80 4.4 5.9 8.9#



#75
Fluoranthene
Concen: 3.29 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:202 Resp: 24767
Ion Ratio Lower Upper
202 100
101 5.0 0.0 26.1
203 18.2 0.0 37.2

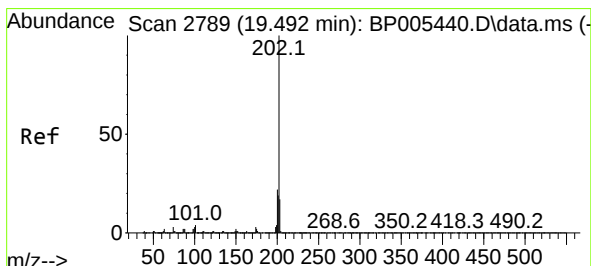
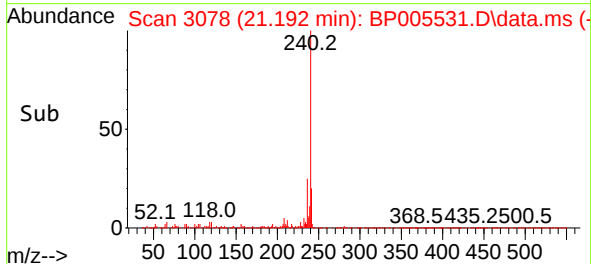
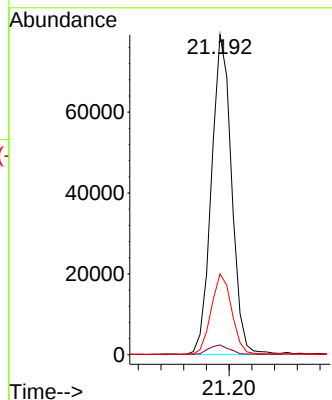
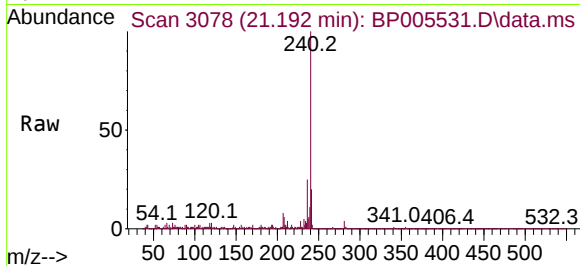




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

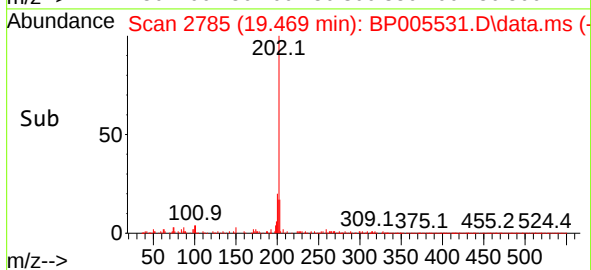
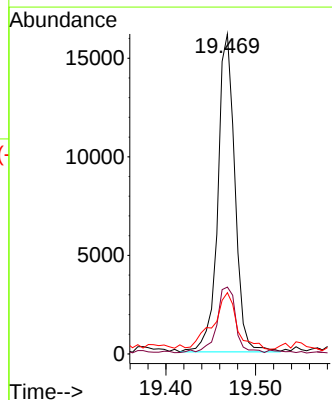
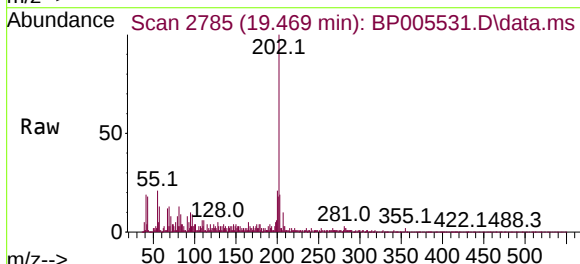
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

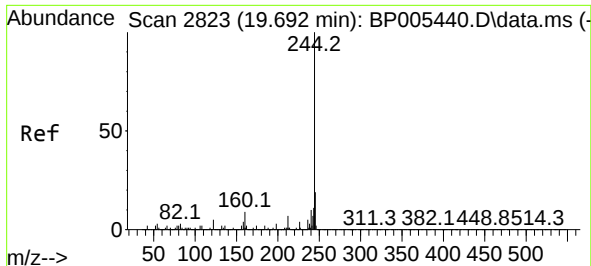
Tgt Ion:240 Resp: 97366
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 25.2 20.2 30.2



#78
Pyrene
Concen: 3.87 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:202 Resp: 21323
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 19.2 13.8 20.6

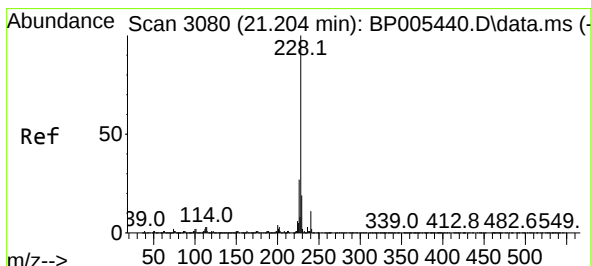
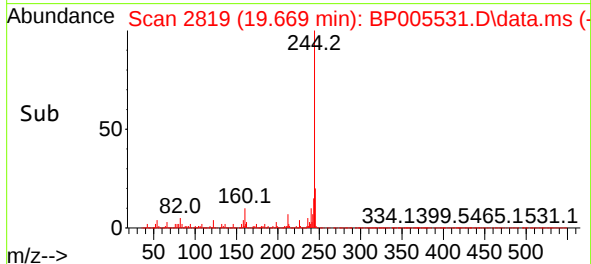
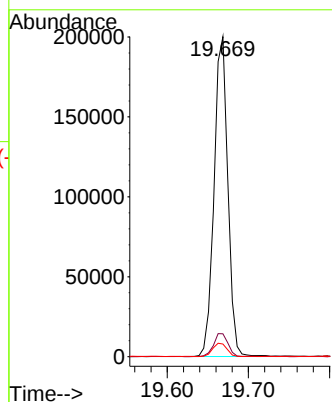
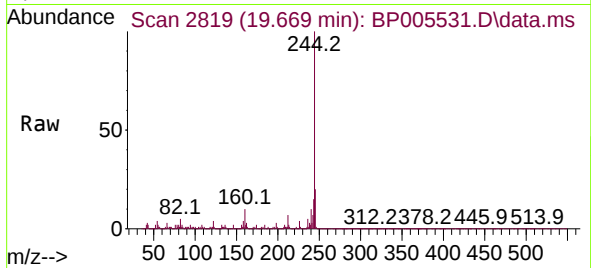




#79
 Terphenyl-d14
 Concen: 41.09 ng
 RT: 19.669 min Scan# 2819
 Delta R.T. -0.000 min
 Lab File: BP005531.D
 Acq: 13 May 2021 21:43

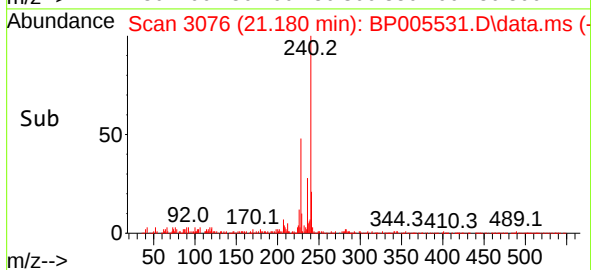
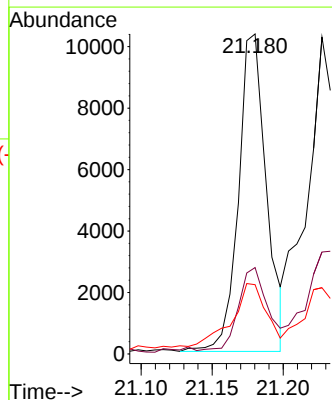
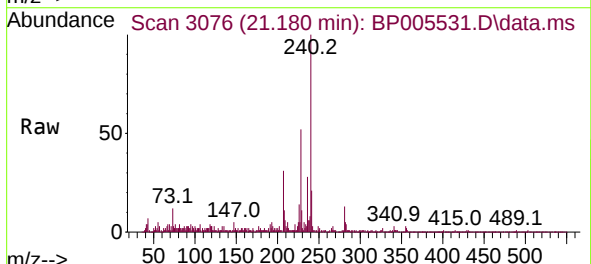
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26855

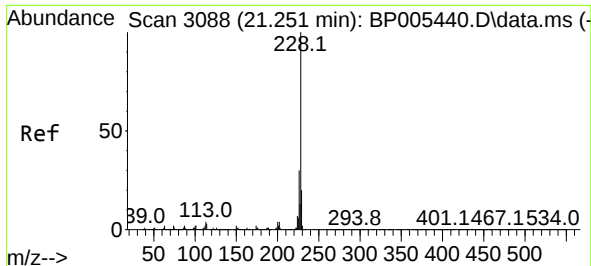
Tgt Ion:244 Resp: 235582
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 4.0 5.2 7.8#



#81
 Benzo(a)anthracene
 Concen: 2.24 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.006 min
 Lab File: BP005531.D
 Acq: 13 May 2021 21:43

Tgt Ion:228 Resp: 14134
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.2 31.8
 229 21.6 15.6 23.4

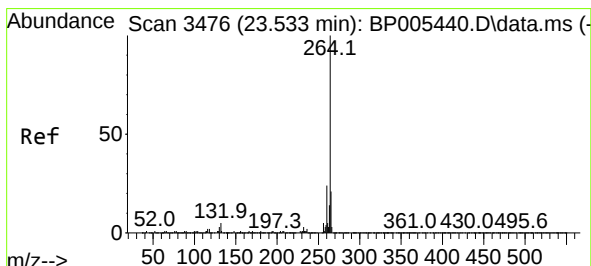
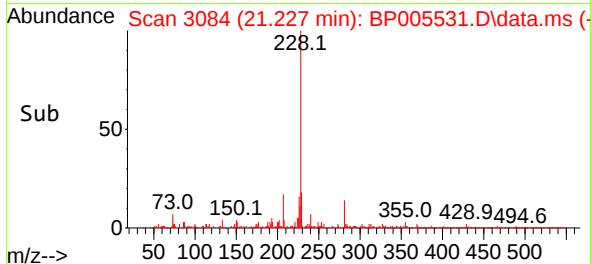
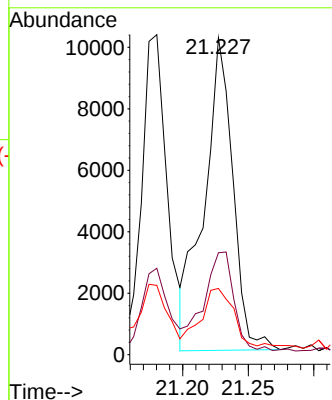
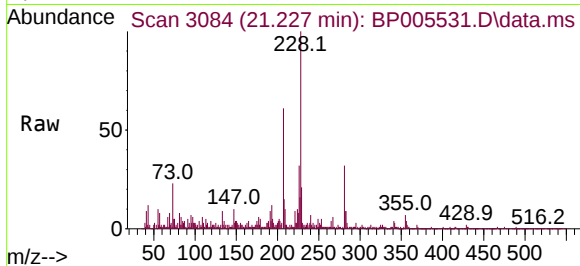




#83
Chrysene
Concen: 2.55 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

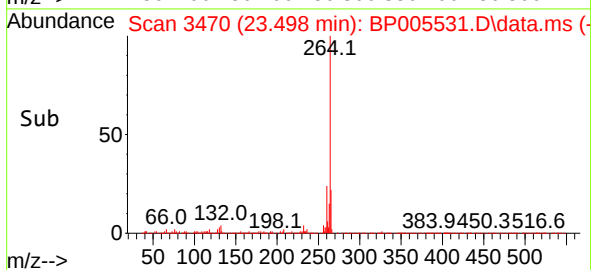
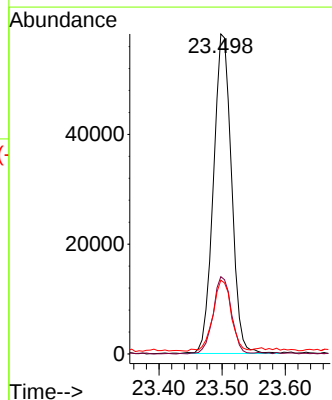
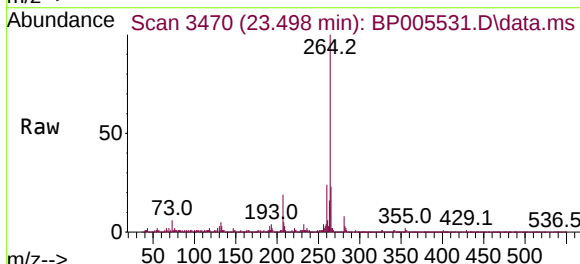
Instrument :
BNA_P
ClientSampleId :
CHRT-26855

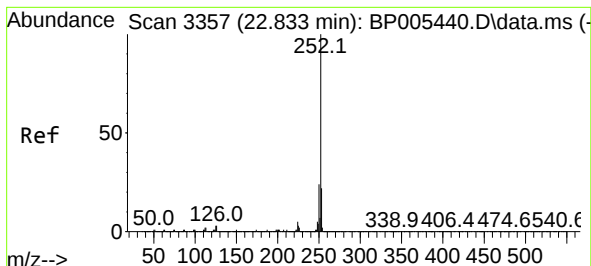
Tgt Ion:	228	Resp:	15600
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.8	37.2
229	20.9	15.4	23.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.006 min
Lab File: BP005531.D
Acq: 13 May 2021 21:43

Tgt Ion:	264	Resp:	115439
Ion Ratio	Lower	Upper	
264	100		
260	24.2	20.6	30.8
265	23.0	19.0	28.6





#88

Benzo(b)fluoranthene

Concen: 3.46 ng

RT: 22.804 min Scan# 3352

Delta R.T. 0.006 min

Lab File: BP005531.D

Acq: 13 May 2021 21:43

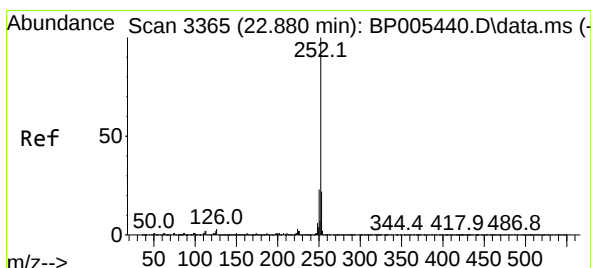
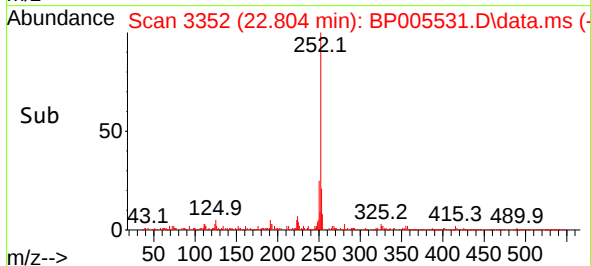
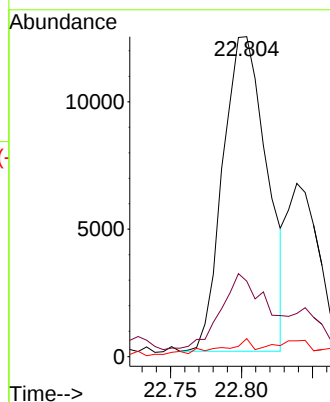
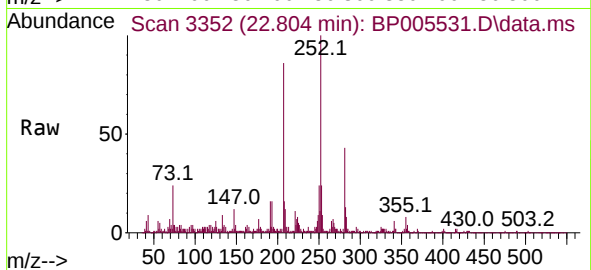
Instrument :

BNA_P

ClientSampleId :

CHRT-26855

Tgt Ion:	252	Resp:	26628
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	5.7	3.4	5.0#



#89

Benzo(k)fluoranthene

Concen: 3.54 ng

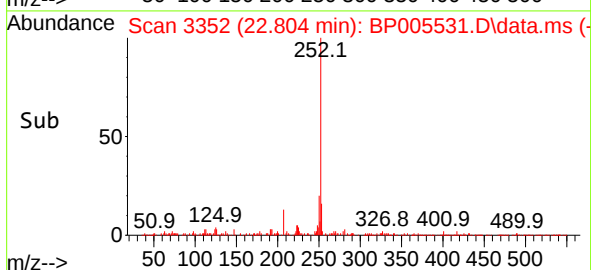
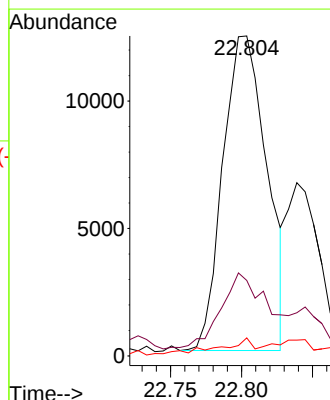
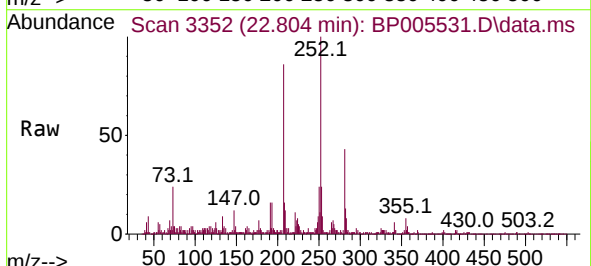
RT: 22.804 min Scan# 3352

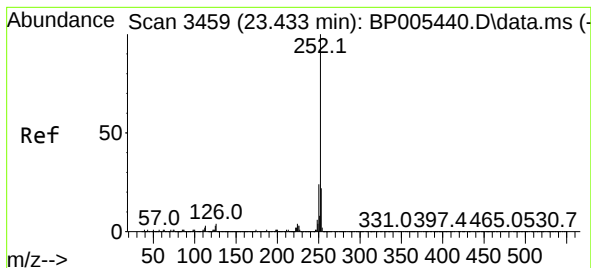
Delta R.T. -0.041 min

Lab File: BP005531.D

Acq: 13 May 2021 21:43

Tgt Ion:	252	Resp:	26628
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	5.7	3.8	5.6#





#90

Benzo(a)pyrene

Concen: 2.94 ng

RT: 23.404 min Scan# 3454

Delta R.T. 0.006 min

Lab File: BP005531.D

Acq: 13 May 2021 21:43

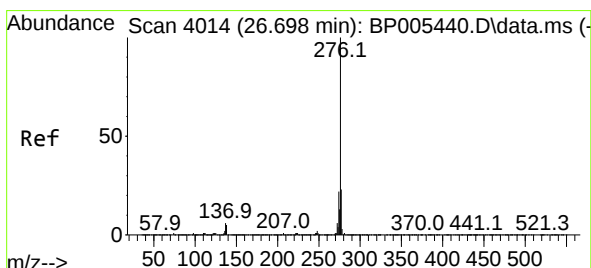
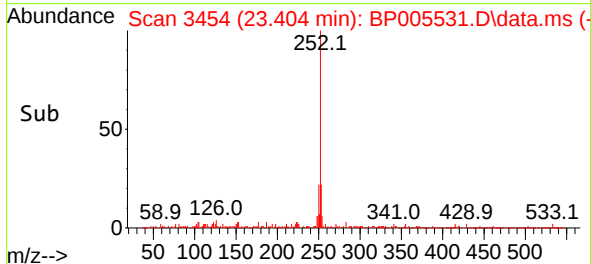
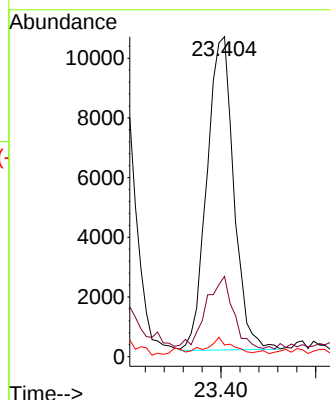
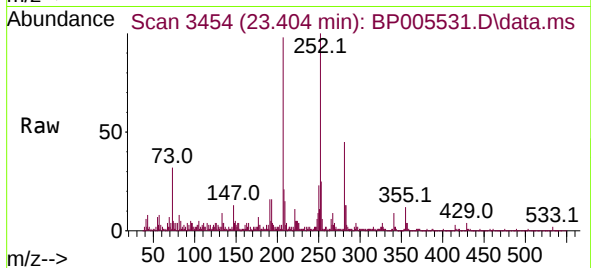
Instrument :

BNA_P

ClientSampleId :

CHRT-26855

Tgt Ion:	252	Resp:	20728
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.1	25.7
125	3.6	3.8	5.6#



#92

Benzo(g,h,i)perylene

Concen: 2.26 ng

RT: 26.633 min Scan# 4003

Delta R.T. -0.006 min

Lab File: BP005531.D

Acq: 13 May 2021 21:43

Tgt Ion:	276	Resp:	17889
Ion Ratio	Lower	Upper	
276	100		
277	30.4	19.8	29.8#
138	7.6	7.7	11.5#

