

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005530.D
 Acq On : 13 May 2021 21:09
 Operator : CG/JU
 Sample : M2372-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26516

Quant Time: May 14 02:14:09 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)

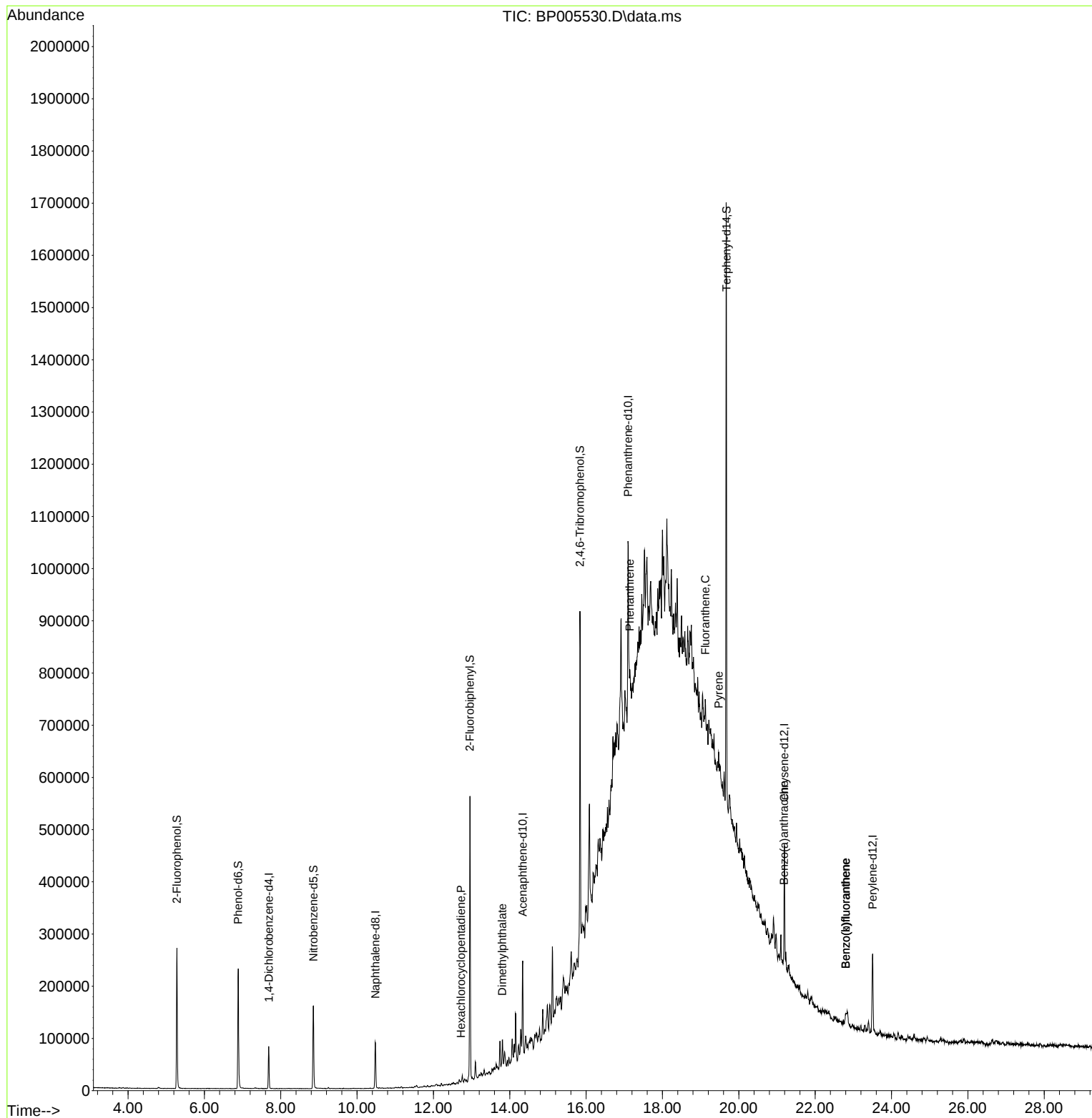
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	16640	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	55774	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	46341	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	132986	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	105269	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	118426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	80388	92.71	ng	0.00
7) Phenol-d6	6.887	99	89621	82.89	ng	0.00
23) Nitrobenzene-d5	8.857	82	82530	58.24	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	116186	88.35	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	221112	53.82	ng	-0.01
79) Terphenyl-d14	19.675	244	445933	71.94	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	26	Below Cal	#	1
9) Benzaldehyde	6.840	77	65	Below Cal	#	13
41) Hexachlorocyclopentadiene	12.722	237	9	7.88	ng	87
50) Dimethylphthalate	13.804	163	24967	6.24	ng	# 94
71) Phenanthrene	17.139	178	17655	2.34	ng	# 59
75) Fluoranthene	19.122	202	28040	2.70	ng	82
78) Pyrene	19.475	202	26966	4.52	ng	# 89
81) Benzo(a)anthracene	21.180	228	13916	2.04	ng	# 80
88) Benzo(b)fluoranthene	22.804	252	19273	2.44	ng	# 96
89) Benzo(k)fluoranthene	22.804	252	19273	2.50	ng	# 94

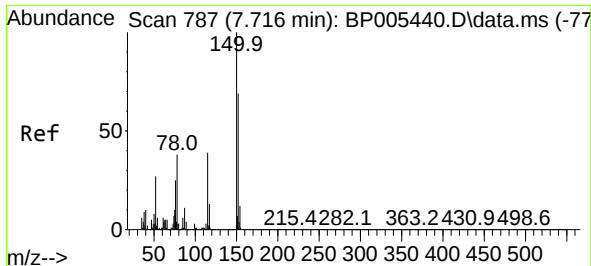
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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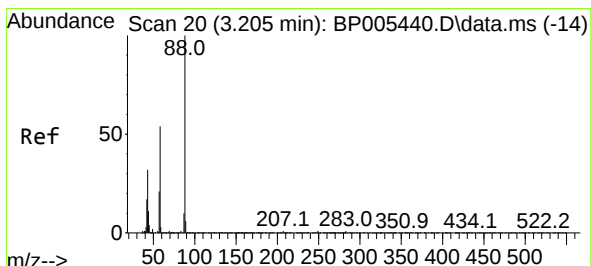
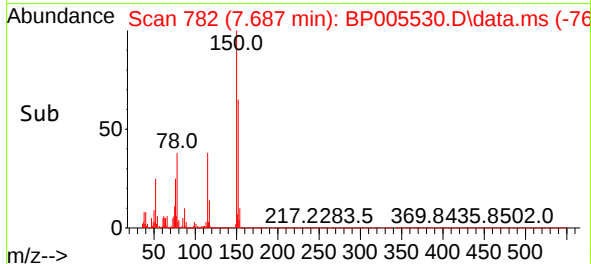
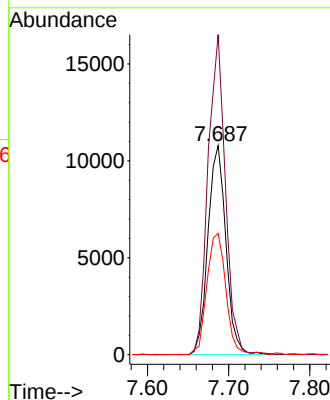
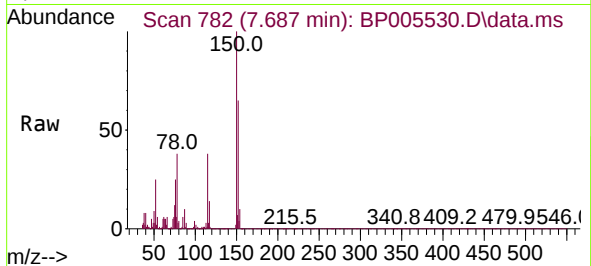




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

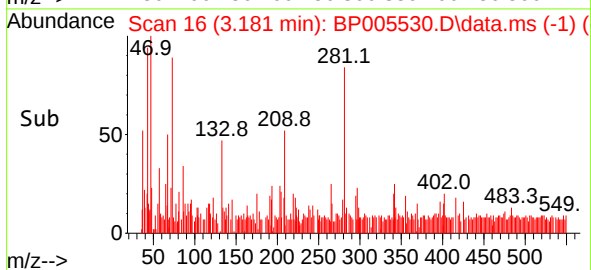
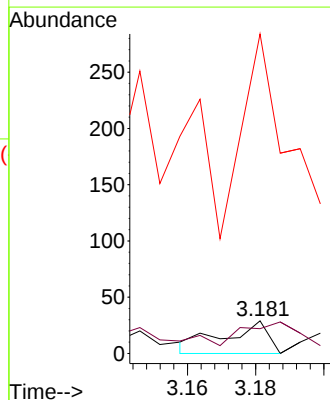
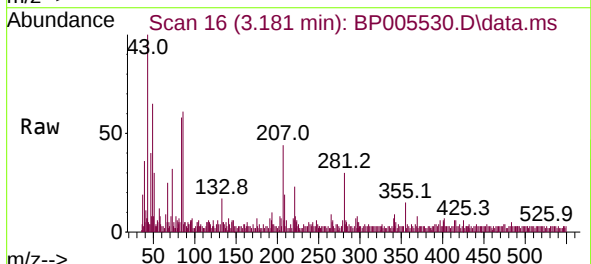
Instrument :
BNA_P
ClientSampleId :
CHRT-26516

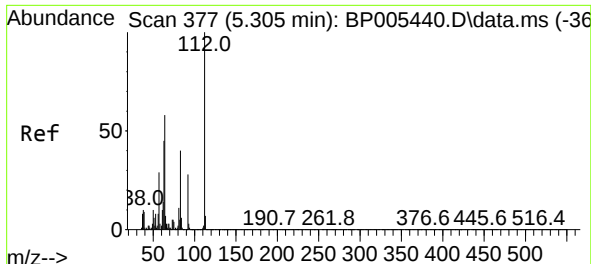
Tgt Ion:152 Resp: 16640
Ion Ratio Lower Upper
152 100
150 153.0 119.8 179.8
115 58.0 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
58 100.0 42.5 63.7#
43 934.6 19.8 29.8#

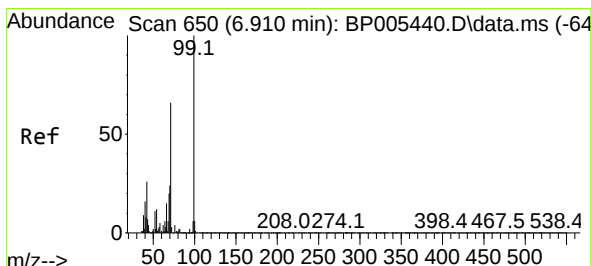
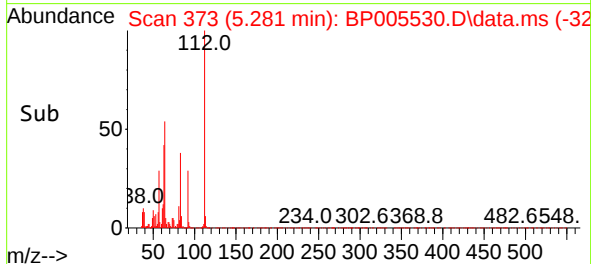
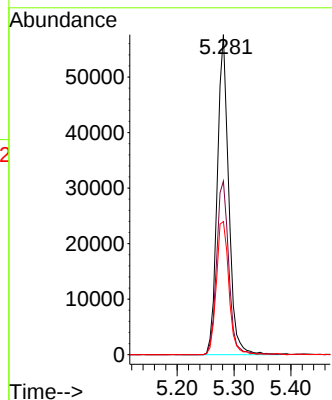
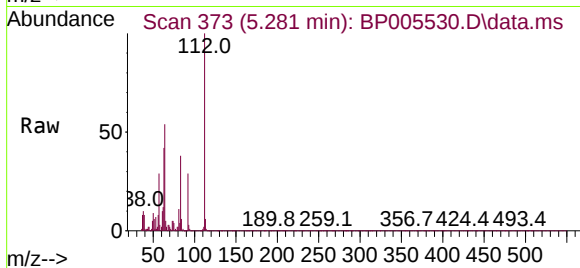




#5
2-Fluorophenol
Concen: 92.71 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

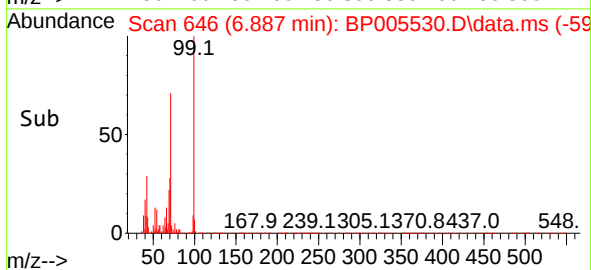
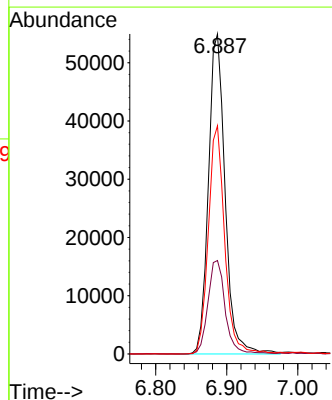
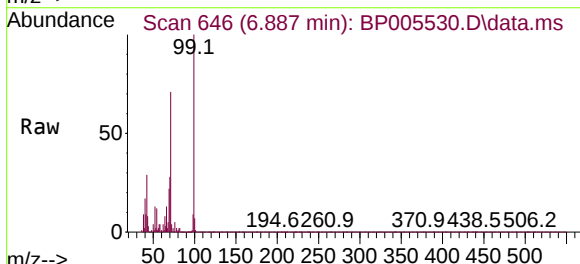
Instrument :
BNA_P
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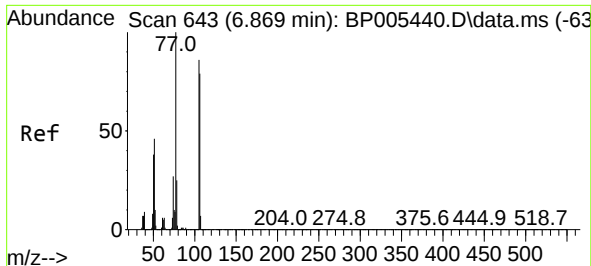
Tgt Ion:112 Resp: 80388
Ion Ratio Lower Upper
112 100
64 54.2 33.6 50.4#
63 41.6 18.6 27.8#



#7
Phenol-d6
Concen: 82.89 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion: 99 Resp: 89621
Ion Ratio Lower Upper
99 100
42 29.2 12.9 19.3#
71 71.3 26.7 40.1#

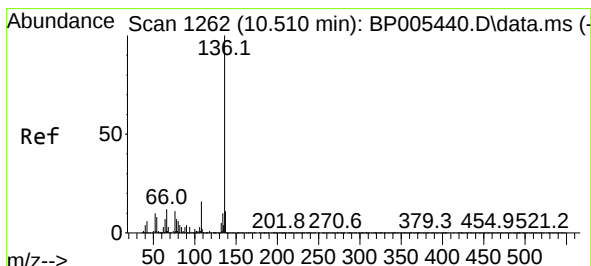
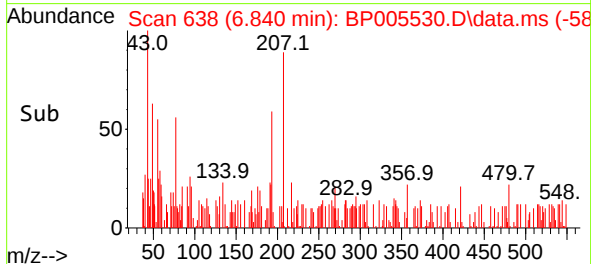
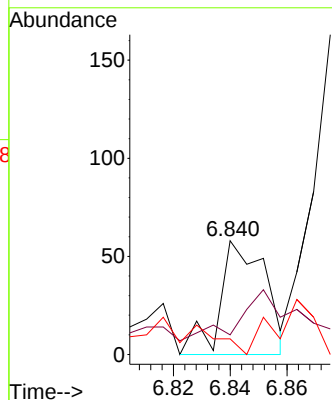
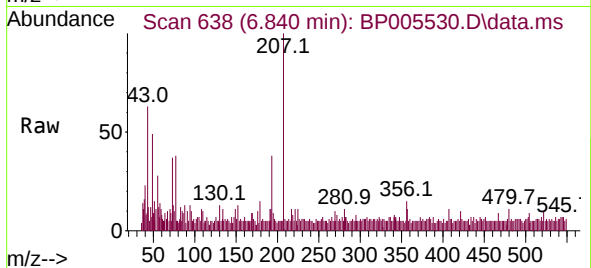




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

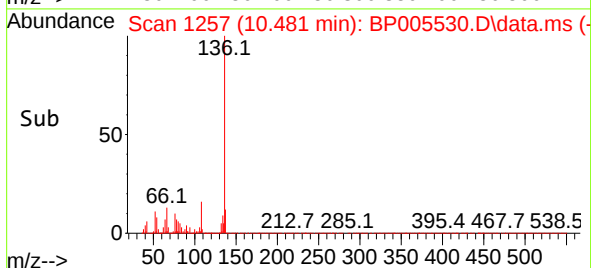
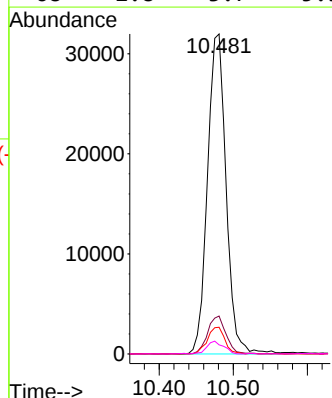
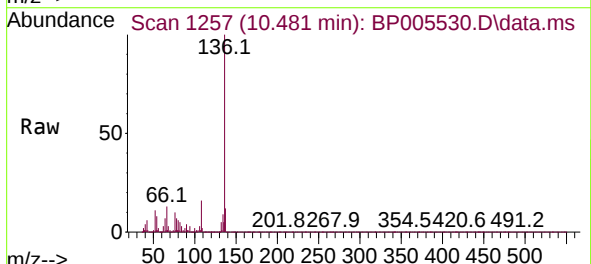
Instrument :
BNA_P
ClientSampleId :
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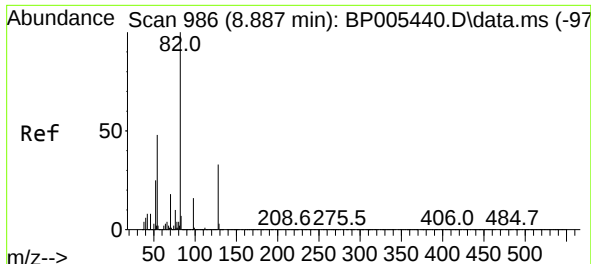
Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
105 17.2 89.4 129.4#
106 13.8 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion: 136 Resp: 55774
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 8.3 5.0 7.4#
68 2.8 3.7 5.5#

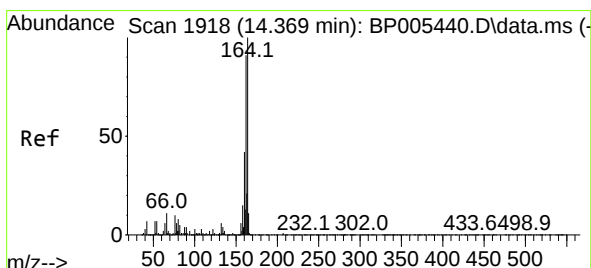
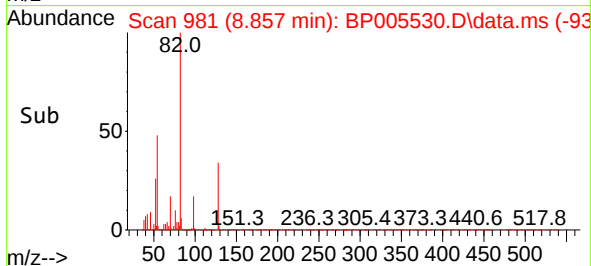
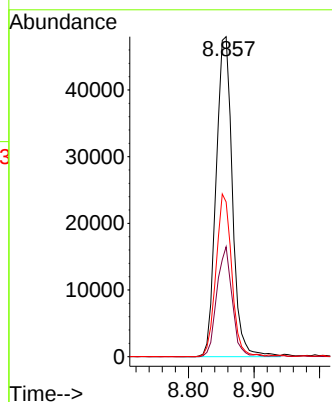
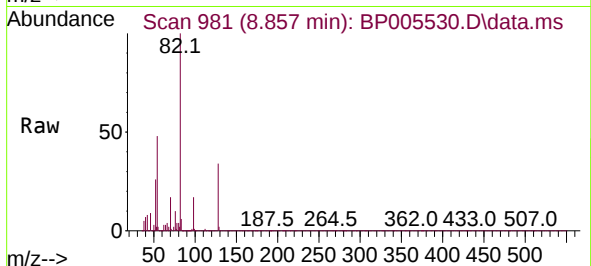




#23
Nitrobenzene-d5
Concen: 58.24 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

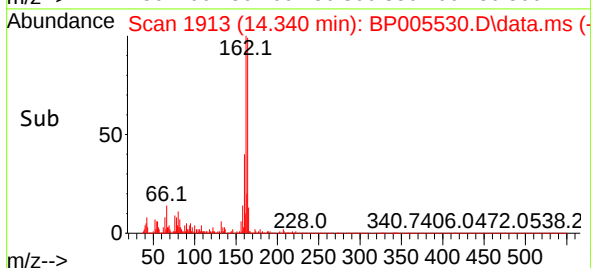
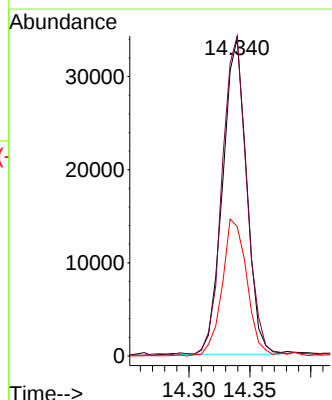
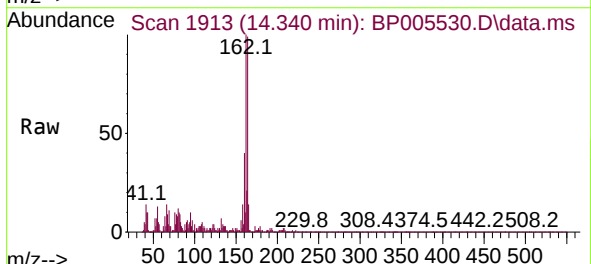
Instrument :
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ClientSampleId :
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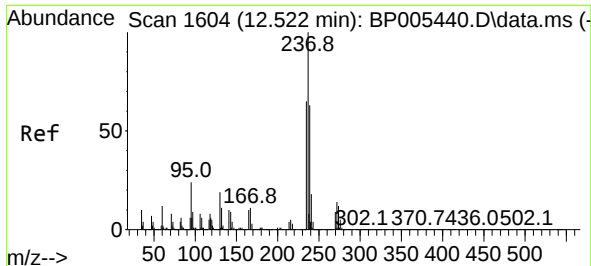
Tgt Ion: 82 Resp: 82530
Ion Ratio Lower Upper
82 100
128 34.4 30.5 45.7
54 48.4 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion: 164 Resp: 46341
Ion Ratio Lower Upper
164 100
162 100.7 73.5 110.3
160 40.7 40.6 61.0

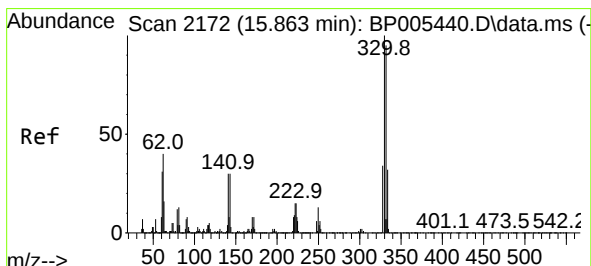
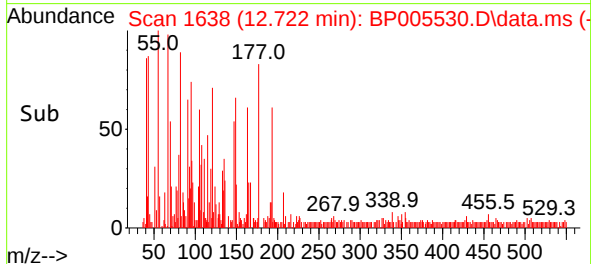
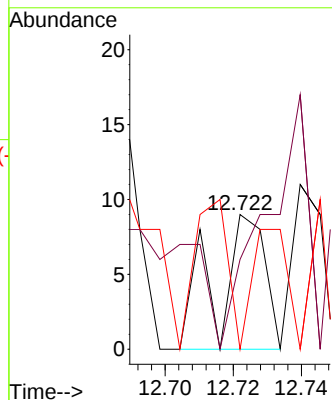
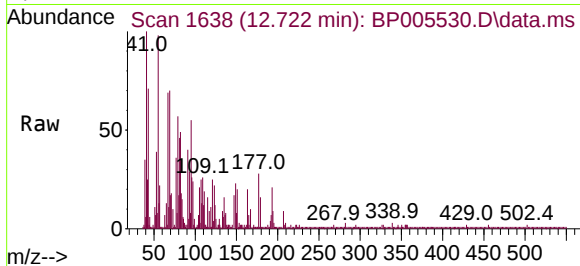




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.223 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

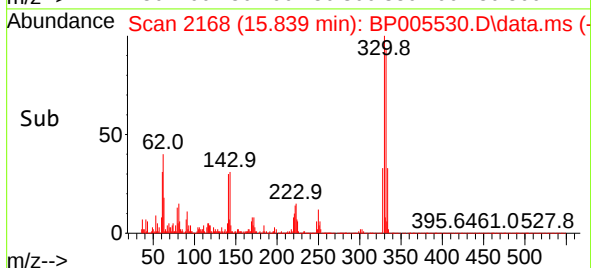
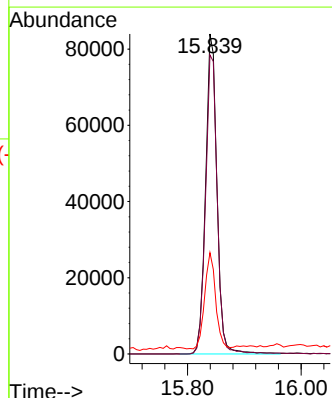
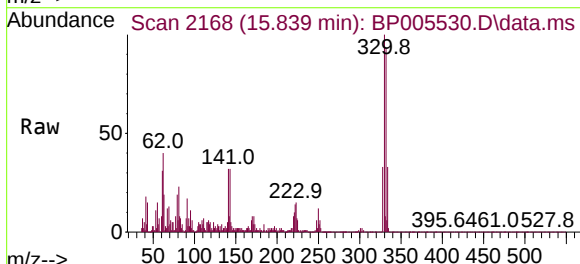
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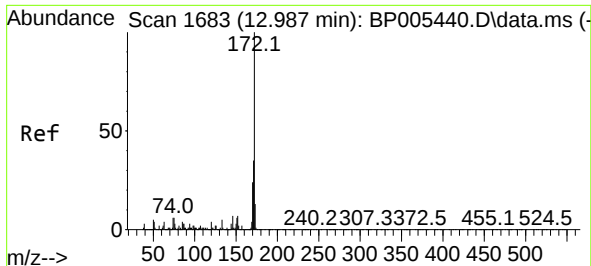
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	66.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 88.35 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:	330	Resp:	116186
Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.3	114.5
141	29.0	22.8	34.2

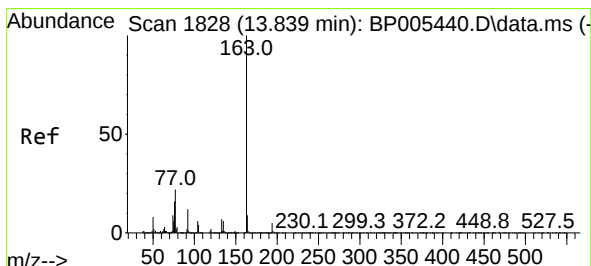
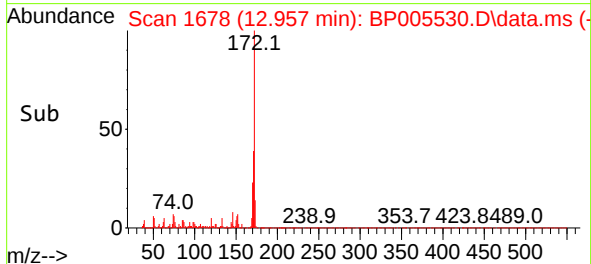
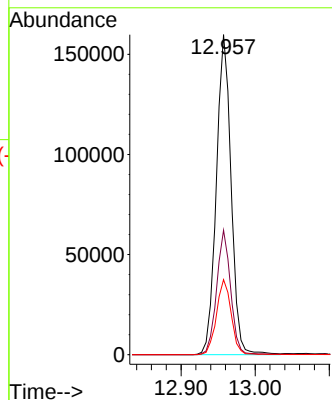
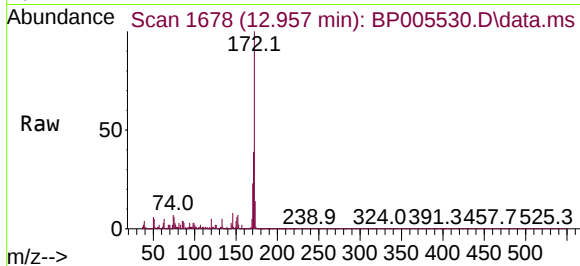




#45
2-Fluorobiphenyl
Concen: 53.82 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

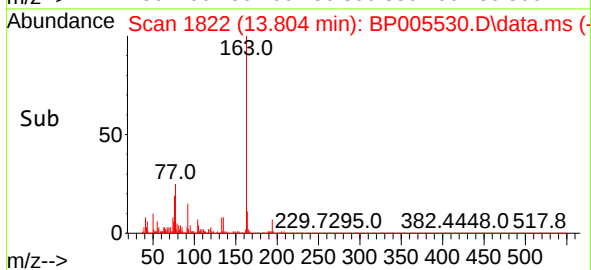
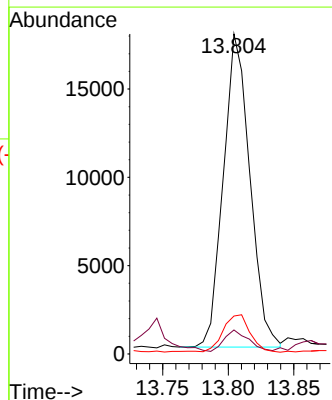
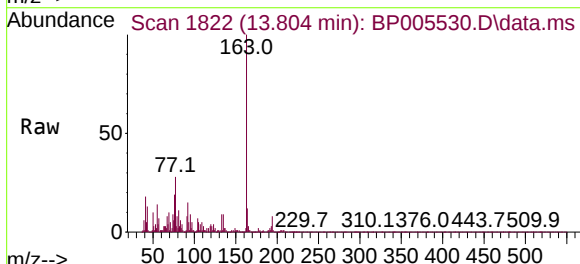
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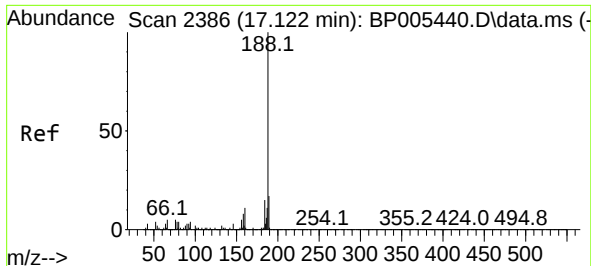
Tgt Ion:172 Resp: 221112
Ion Ratio Lower Upper
172 100
171 38.9 28.1 42.1
170 23.4 19.6 29.4



#50
Dimethylphthalate
Concen: 6.24 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:163 Resp: 24967
Ion Ratio Lower Upper
163 100
194 7.5 3.9 5.9#
164 11.9 8.1 12.1

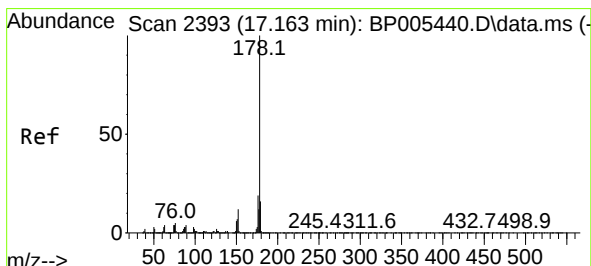
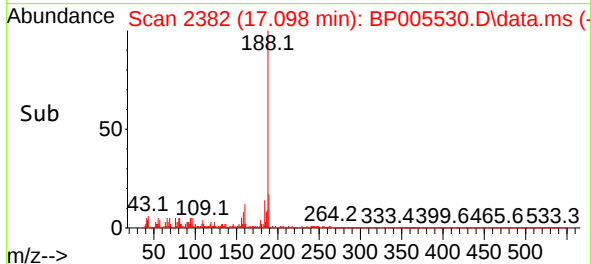
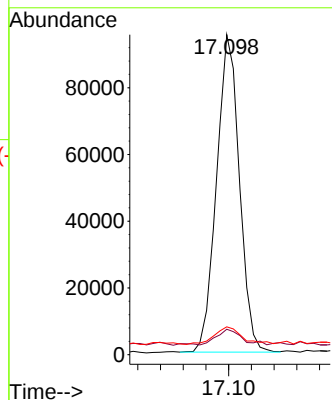
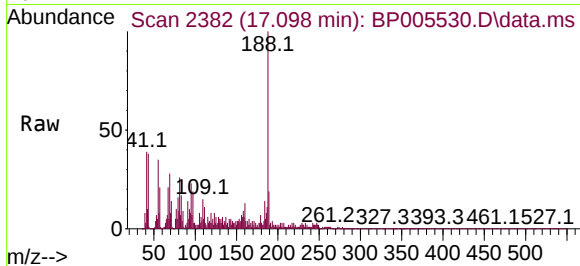




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

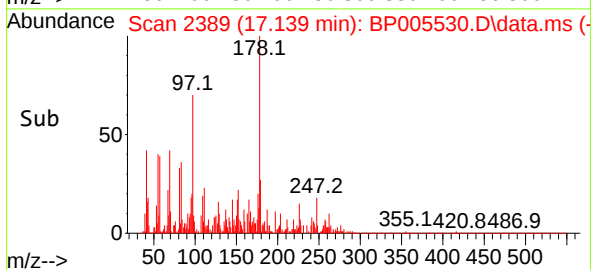
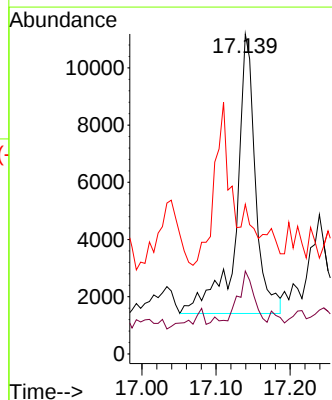
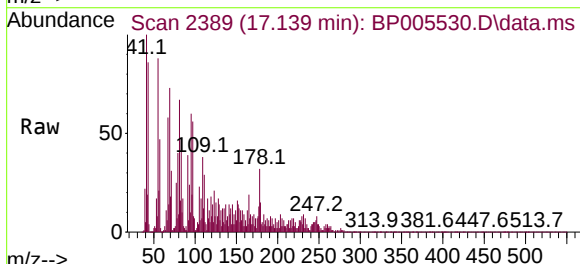
Instrument :
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ClientSampleId :
CHRT-26516

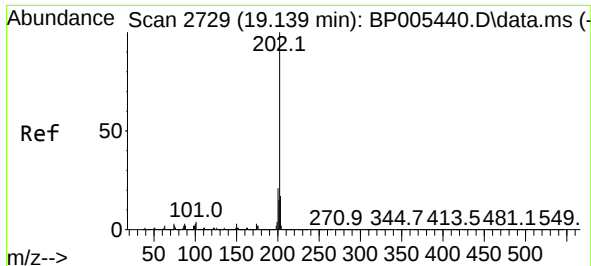
Tgt Ion:188 Resp: 132986
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.7 5.9 8.9



#71
Phenanthrene
Concen: 2.34 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:178 Resp: 17655
Ion Ratio Lower Upper
178 100
176 25.9 15.4 23.2#
179 46.8 12.3 18.5#

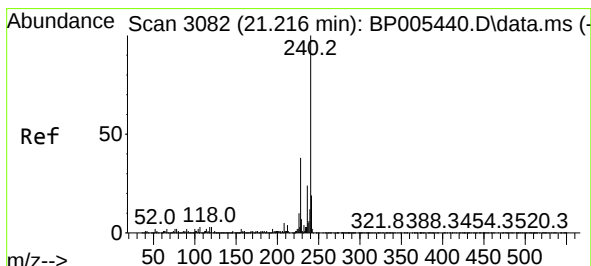
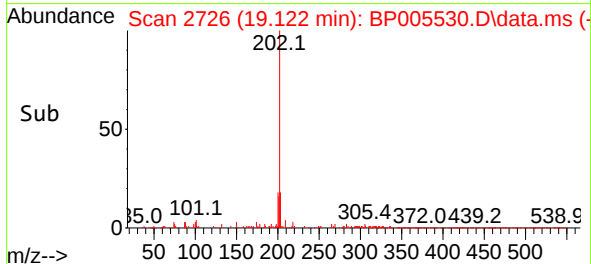
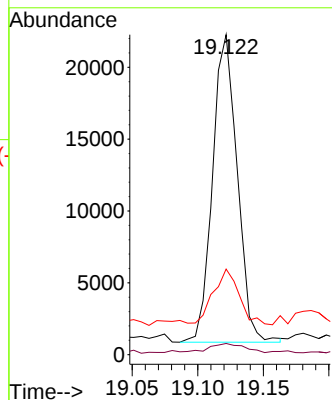
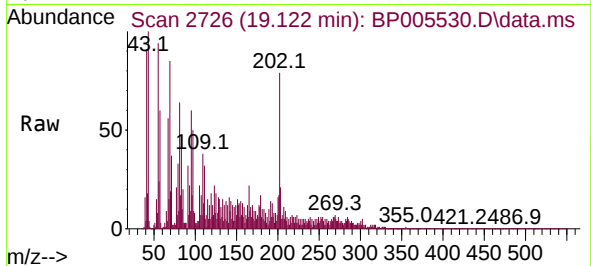




#75
Fluoranthene
Concen: 2.70 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

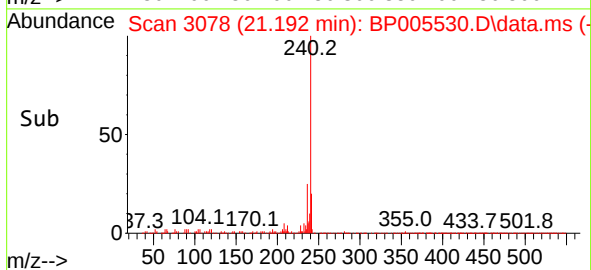
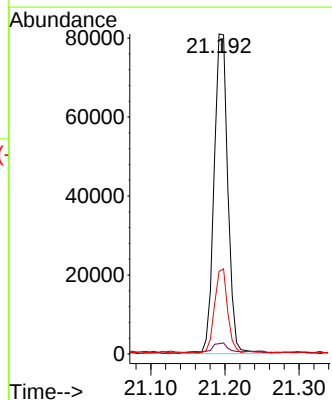
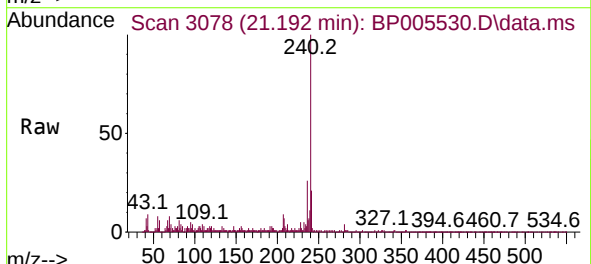
Instrument :
BNA_P
ClientSampleId :
CHRT-26516

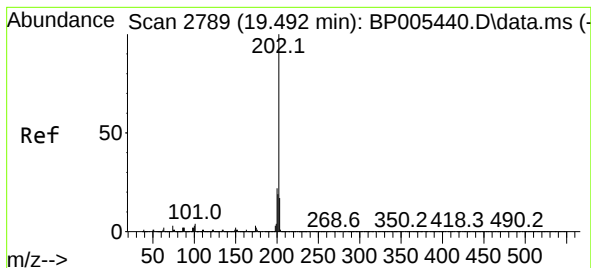
Tgt Ion:202	Resp:	28040
Ion Ratio	Lower	Upper
202	100	
101	3.5	0.0 26.1
203	26.8	0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:240	Resp:	105269
Ion Ratio	Lower	Upper
240	100	
120	3.2	4.2 6.2#
236	25.8	20.2 30.2





#78

Pyrene

Concen: 4.52 ng

RT: 19.475 min Scan# 2786

Delta R.T. 0.006 min

Lab File: BP005530.D

Acq: 13 May 2021 21:09

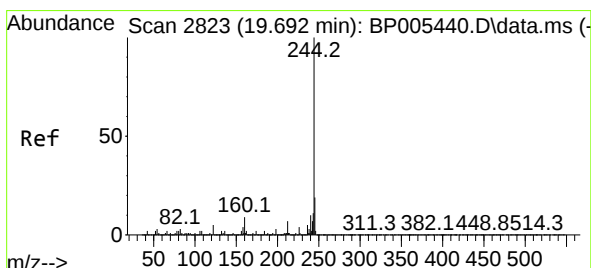
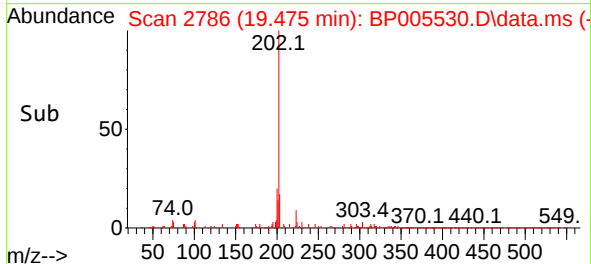
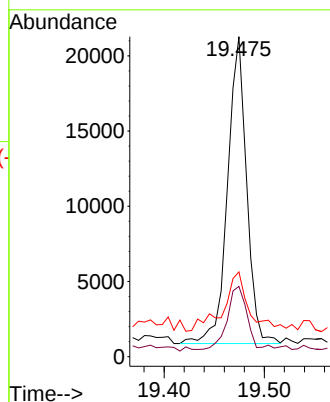
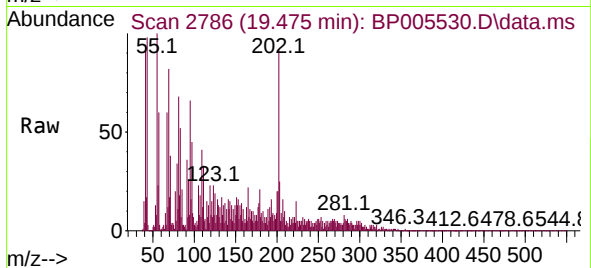
Instrument :

BNA_P

ClientSampleId :

CHRT-26516

Tgt Ion:	202	Resp:	26966
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.9	25.3
203	26.5	13.8	20.6#



#79

Terphenyl-d14

Concen: 71.94 ng

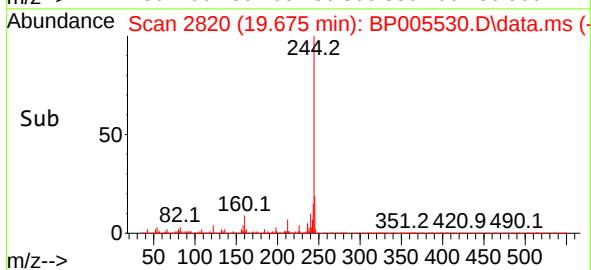
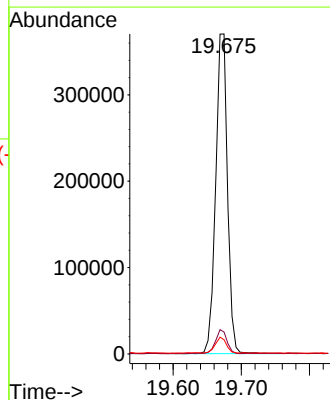
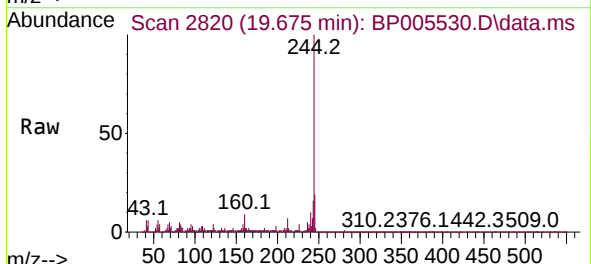
RT: 19.675 min Scan# 2820

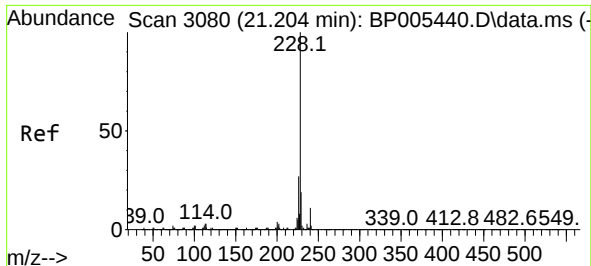
Delta R.T. 0.006 min

Lab File: BP005530.D

Acq: 13 May 2021 21:09

Tgt Ion:	244	Resp:	445933
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	4.4	5.2	7.8#

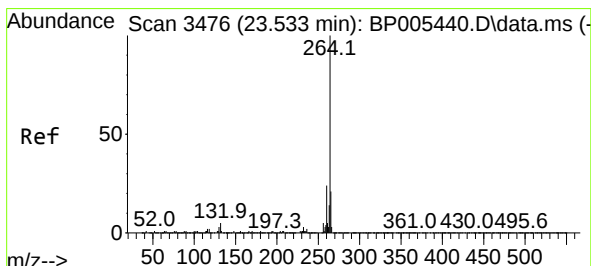
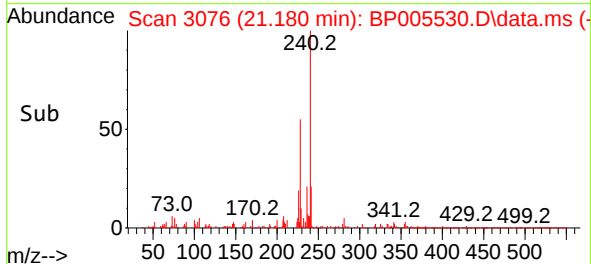
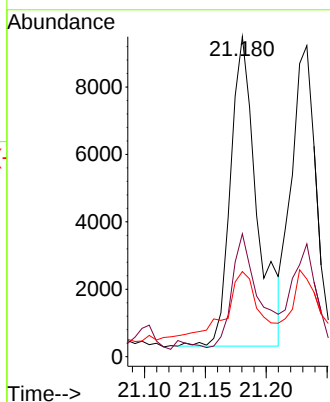
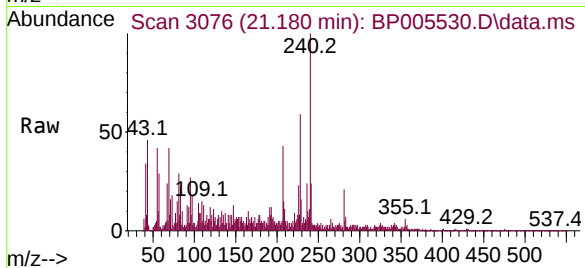




#81
Benzo(a)anthracene
Concen: 2.04 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

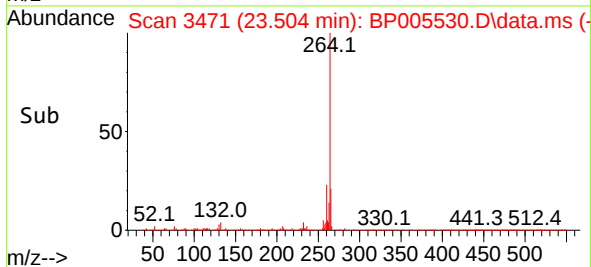
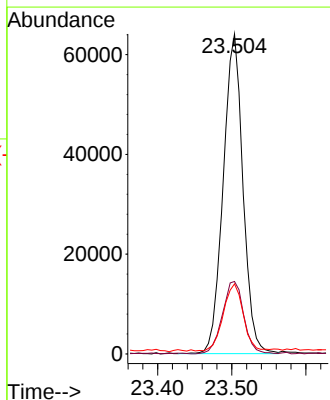
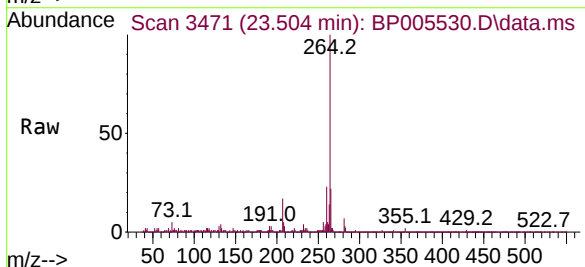
Instrument :
BNA_P
ClientSampleId :
CHRT-26516

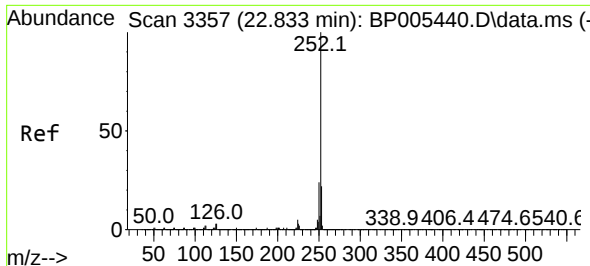
Tgt Ion:228 Resp: 13916
Ion Ratio Lower Upper
228 100
226 38.4 21.2 31.8#
229 26.6 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:264 Resp: 118426
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 21.9 19.0 28.6

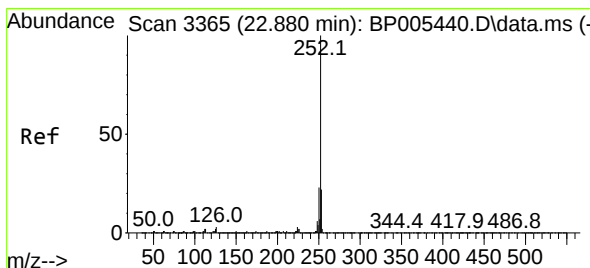
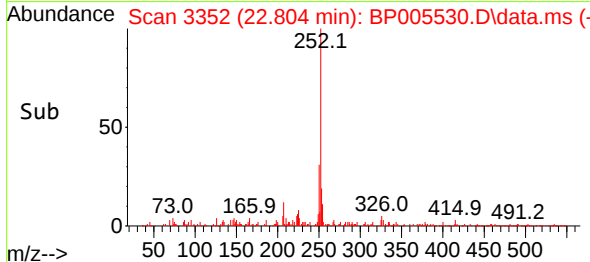
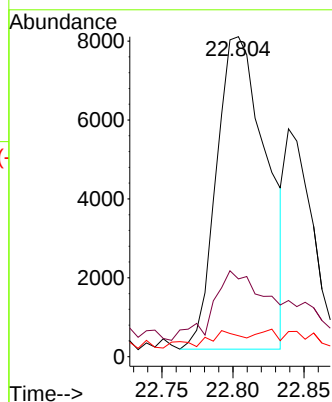
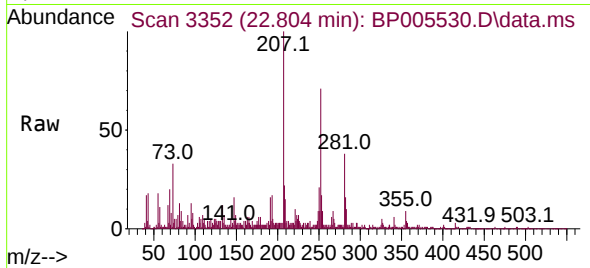




#88
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Instrument :
BNA_P
ClientSampleId :
CHRT-26516

Tgt Ion:252 Resp: 19273
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 6.5 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 2.50 ng
RT: 22.804 min Scan# 3352
Delta R.T. -0.041 min
Lab File: BP005530.D
Acq: 13 May 2021 21:09

Tgt Ion:252 Resp: 19273
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 6.5 3.8 5.6#

