

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005532.D
 Acq On : 13 May 2021 22:16
 Operator : CG/JU
 Sample : M2361-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-051121

Quant Time: May 14 02:14:36 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)

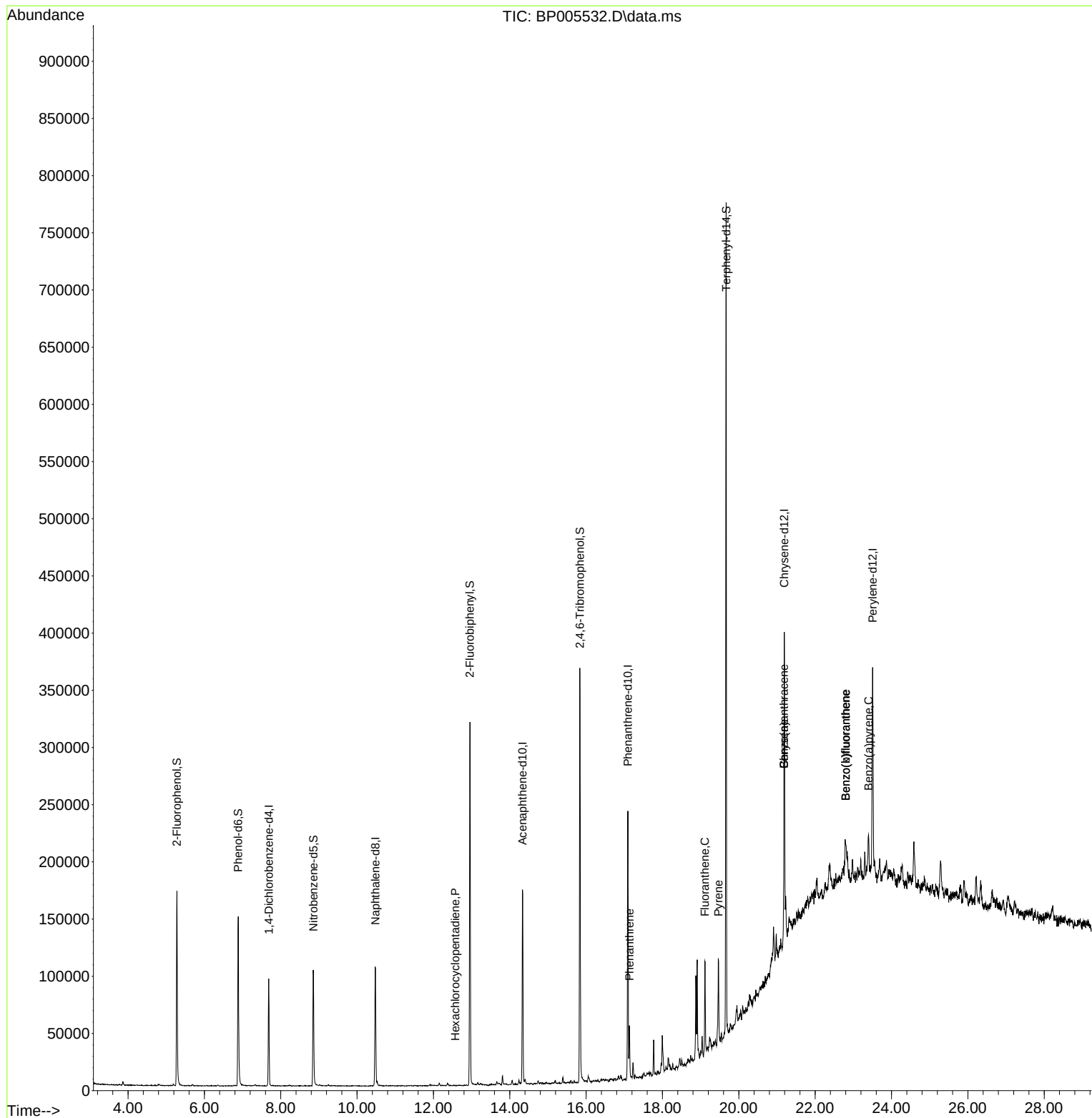
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	19292	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	64080	20.00	ng	-0.01
39) Acenaphthene-d10	14.334	164	51986	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	125716	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	122850	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	138586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	52088	51.82	ng	0.00
7) Phenol-d6	6.887	99	60242	48.06	ng	0.00
23) Nitrobenzene-d5	8.858	82	52127	32.02	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	73676	49.94	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	137117	29.75	ng	-0.01
79) Terphenyl-d14	19.669	244	285103	39.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	18	Below Cal	#	1
9) Benzaldehyde	6.828	77	54	Below Cal	#	41
41) Hexachlorocyclopentadiene	12.569	237	10	7.88	ng	73
71) Phenanthrene	17.134	178	24706	3.46	ng	99
75) Fluoranthene	19.110	202	42808	4.36	ng	95
78) Pyrene	19.469	202	43103	6.20	ng	97
81) Benzo(a)anthracene	21.180	228	20815	2.61	ng	93
83) Chrysene	21.180	228	20815	2.70	ng	96
88) Benzo(b)fluoranthene	22.798	252	31220	3.38	ng	# 84
89) Benzo(k)fluoranthene	22.798	252	31220	3.46	ng	# 82
90) Benzo(a)pyrene	23.398	252	22347	2.64	ng	# 92

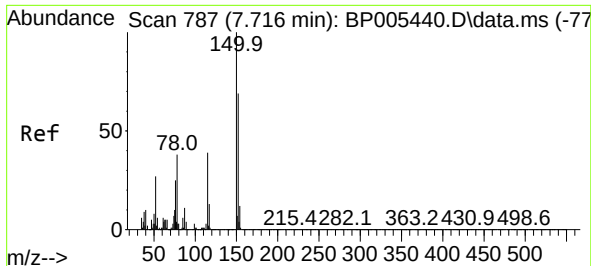
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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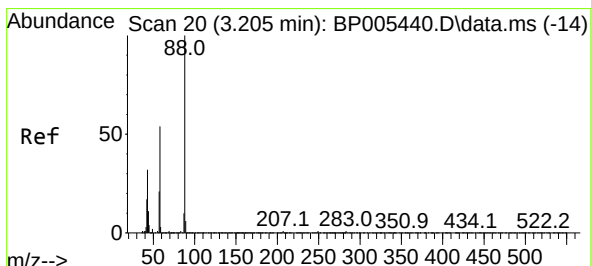
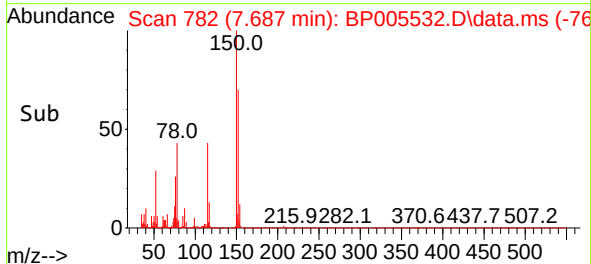
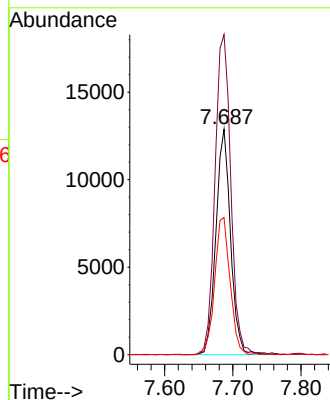
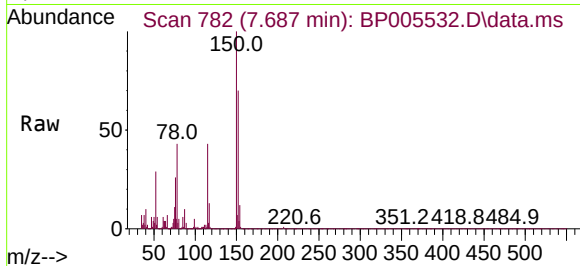




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.687 min Scan# 782
 Delta R.T. -0.012 min
 Lab File: BP005532.D
 Acq: 13 May 2021 22:16

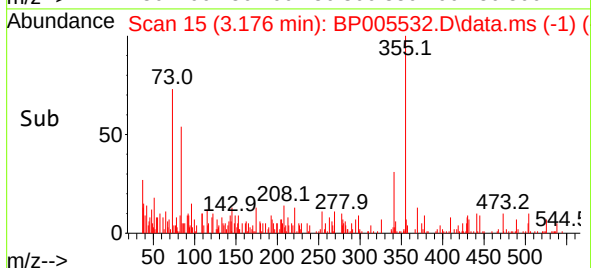
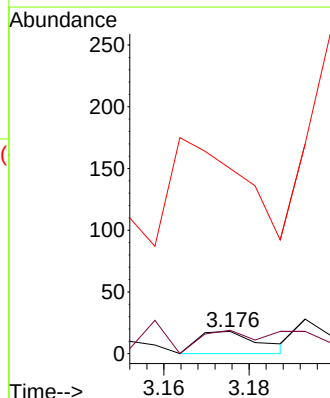
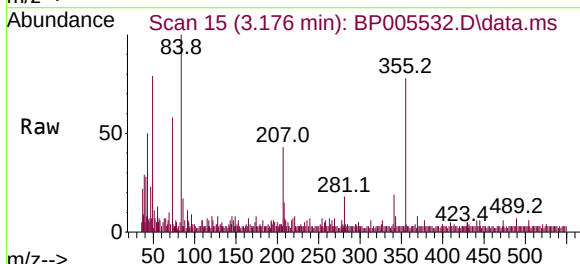
Instrument :
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 CL-02-051121

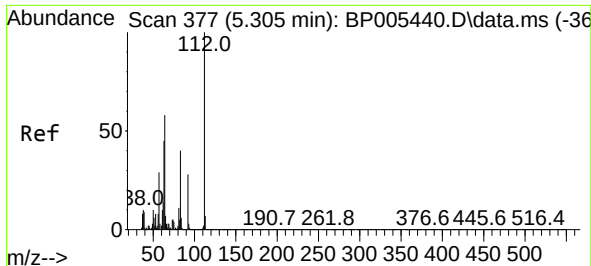
Tgt Ion:152 Resp: 19292
 Ion Ratio Lower Upper
 152 100
 150 142.0 119.8 179.8
 115 60.9 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.176 min Scan# 15
 Delta R.T. -0.006 min
 Lab File: BP005532.D
 Acq: 13 May 2021 22:16

Tgt Ion: 88 Resp: 18
 Ion Ratio Lower Upper
 88 100
 58 88.9 42.5 63.7#
 43 555.6 19.8 29.8#

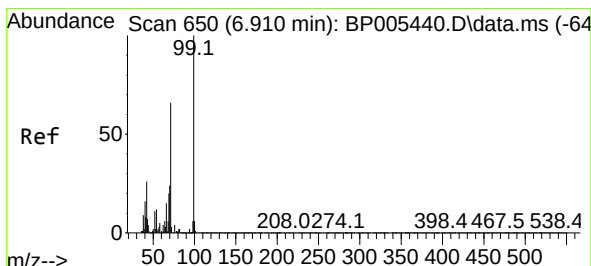
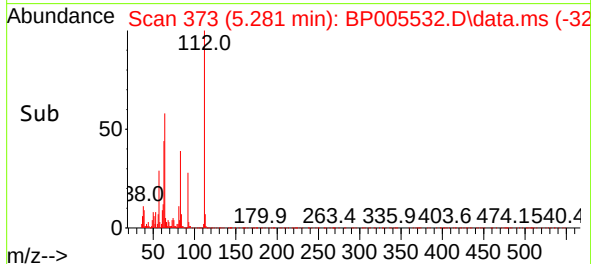
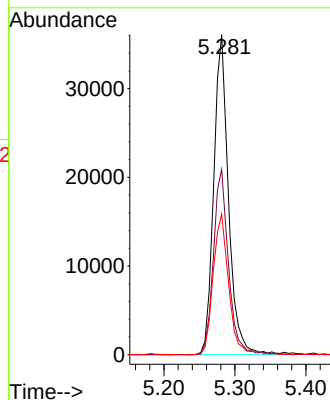
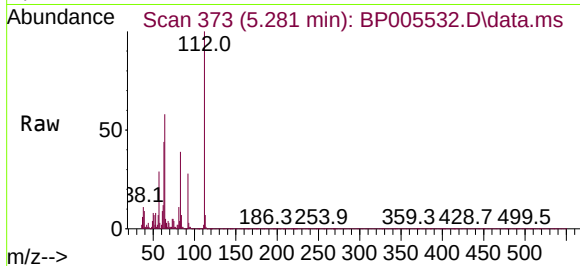




#5
2-Fluorophenol
Concen: 51.82 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

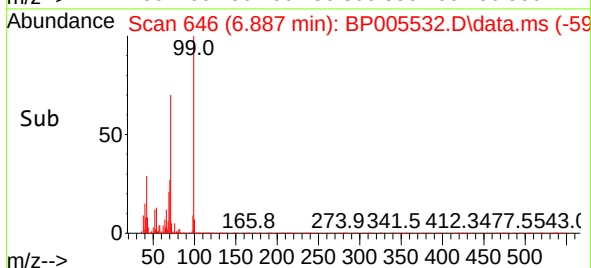
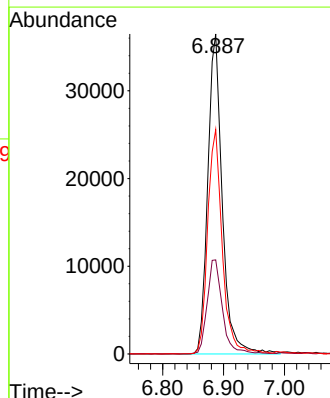
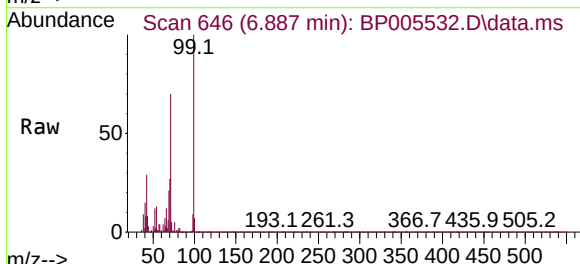
Instrument :
BNA_P
ClientSampleId :
CL-02-051121

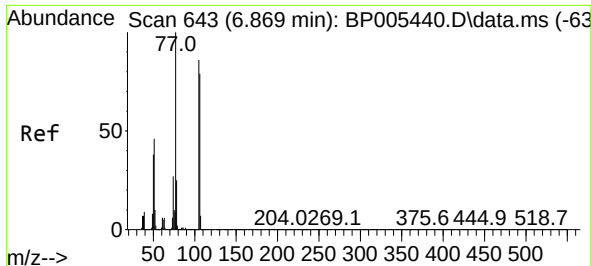
Tgt Ion:112 Resp: 52088
Ion Ratio Lower Upper
112 100
64 57.9 33.6 50.4#
63 43.9 18.6 27.8#



#7
Phenol-d6
Concen: 48.06 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion: 99 Resp: 60242
Ion Ratio Lower Upper
99 100
42 29.4 12.9 19.3#
71 70.1 26.7 40.1#

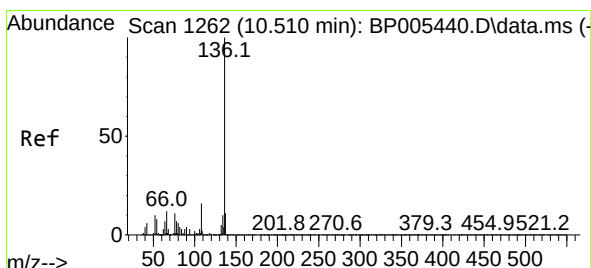
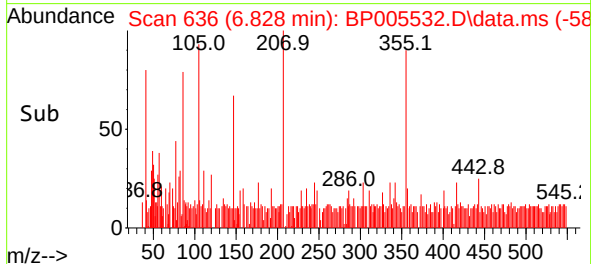
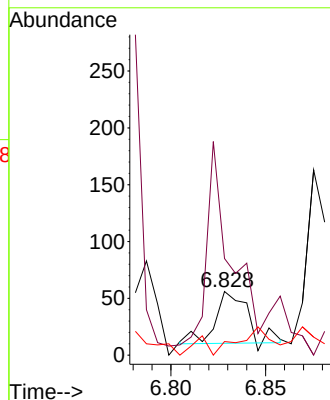
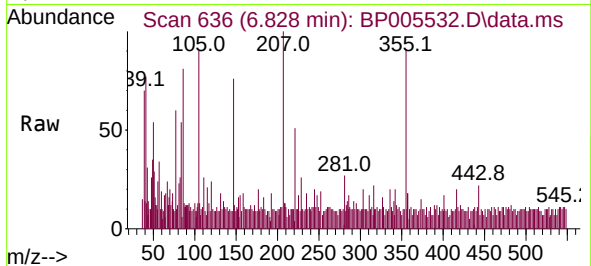




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.018 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

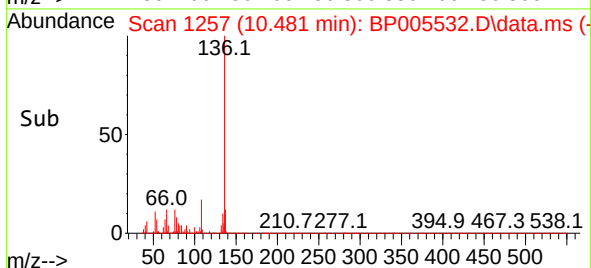
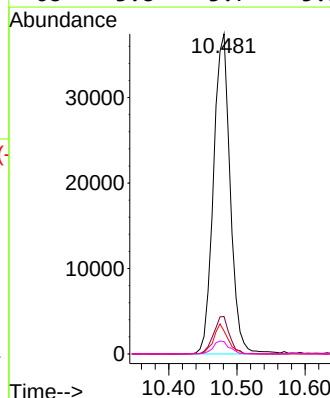
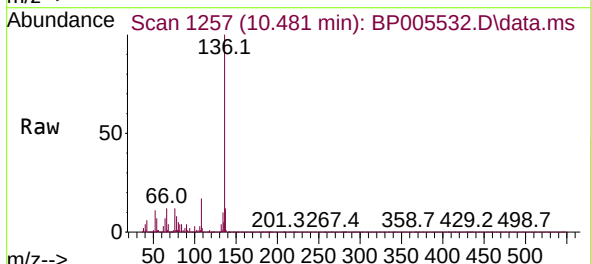
Instrument :
BNA_P
ClientSampleId :
CL-02-051121

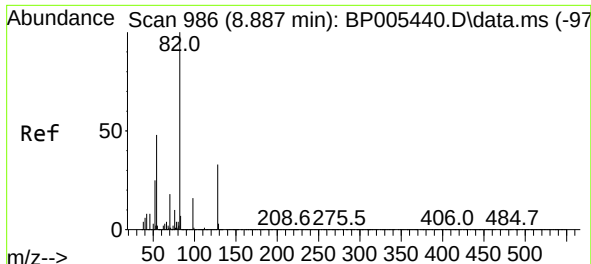
Tgt Ion:	77	Resp:	54
Ion	Ratio	Lower	Upper
77	100		
105	151.8	89.4	129.4#
106	21.4	79.9	119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:	136	Resp:	64080
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.2	5.0	7.4
68	3.8	3.7	5.5

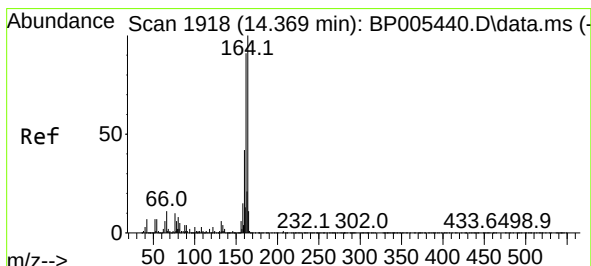
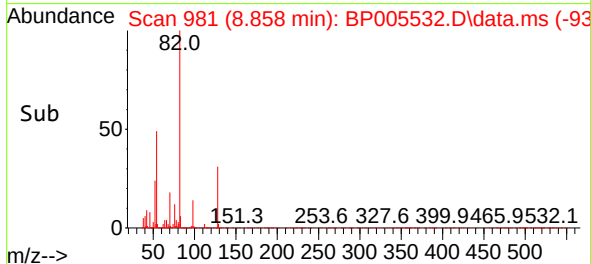
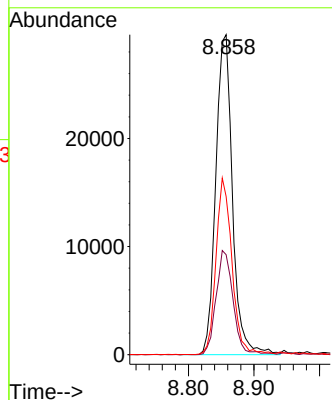
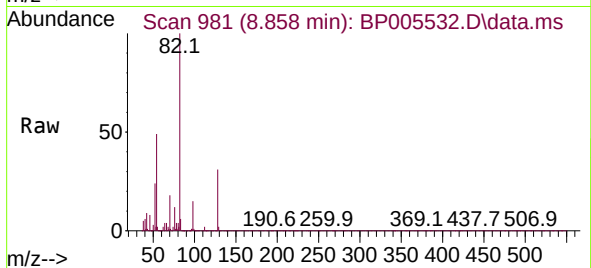




#23
Nitrobenzene-d5
Concen: 32.02 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

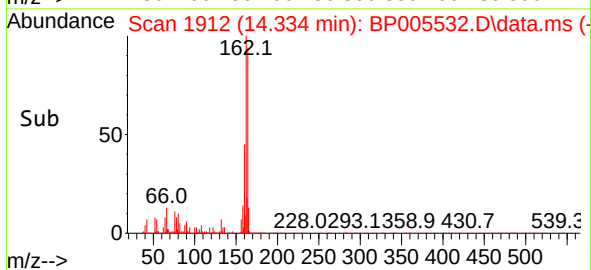
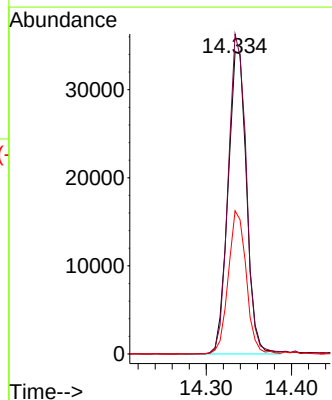
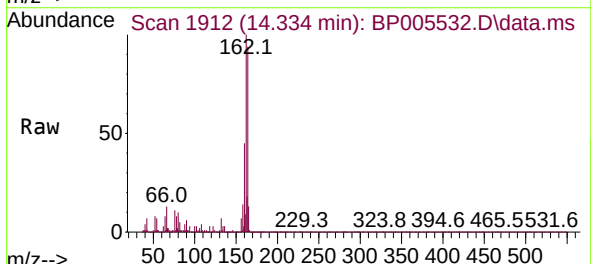
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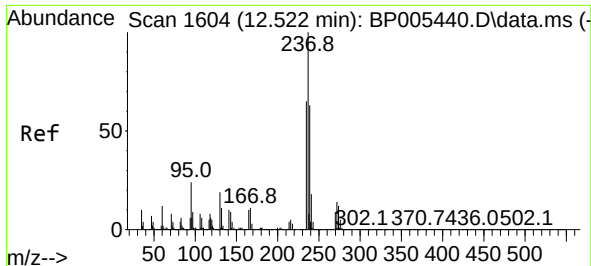
Tgt Ion: 82 Resp: 52127
Ion Ratio Lower Upper
82 100
128 31.2 30.5 45.7
54 49.5 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion: 164 Resp: 51986
Ion Ratio Lower Upper
164 100
162 106.0 73.5 110.3
160 47.5 40.6 61.0

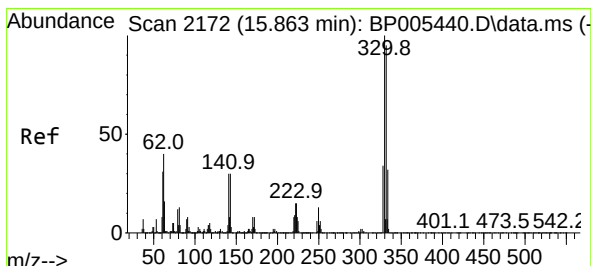
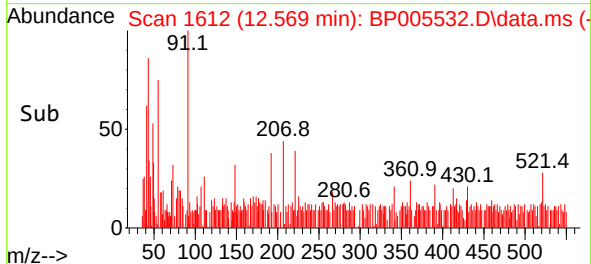
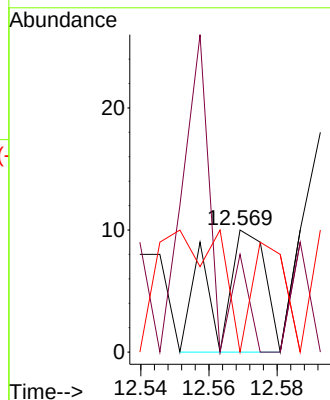
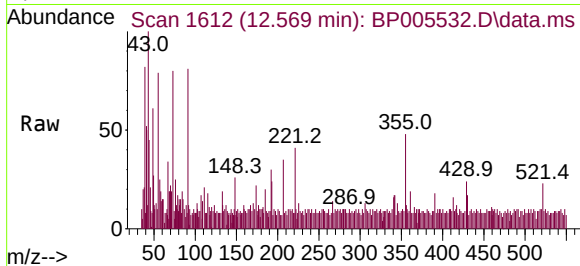




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.071 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

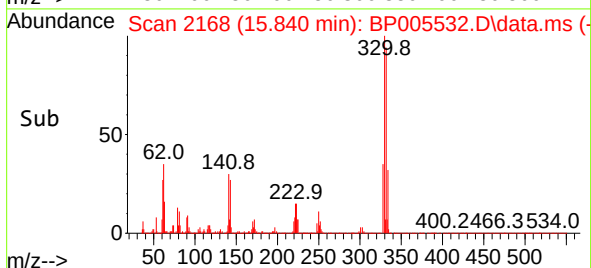
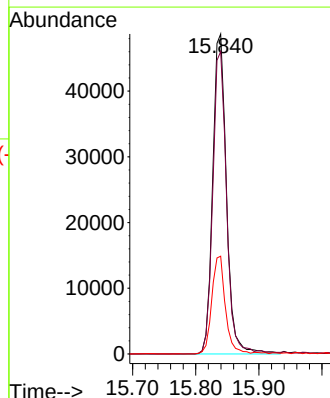
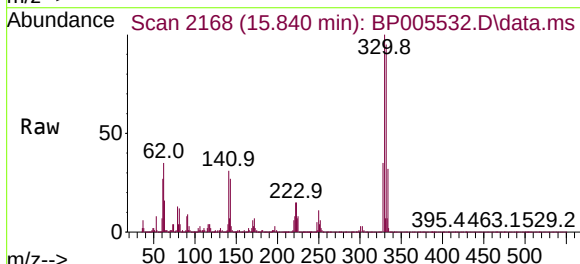
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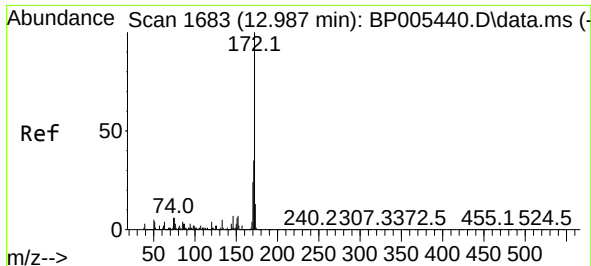
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 49.94 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:	330	Resp:	73676
Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.3	114.5
141	30.6	22.8	34.2

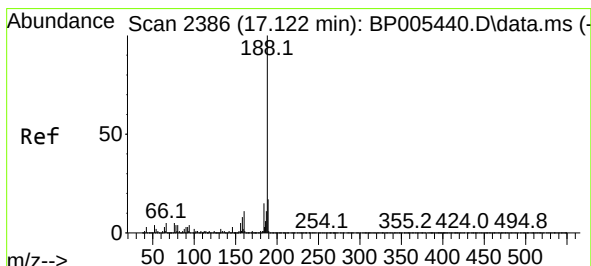
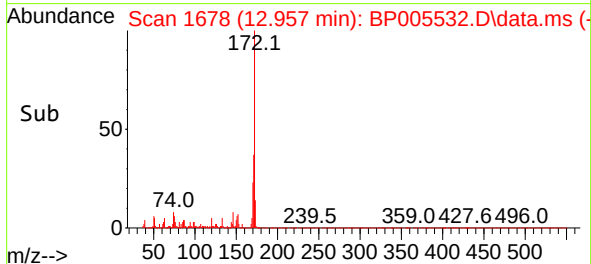
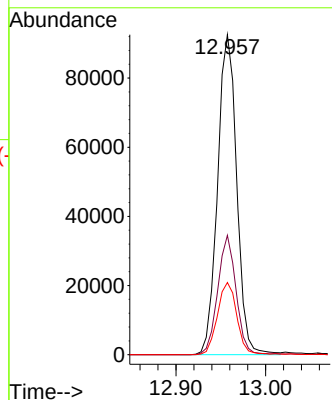
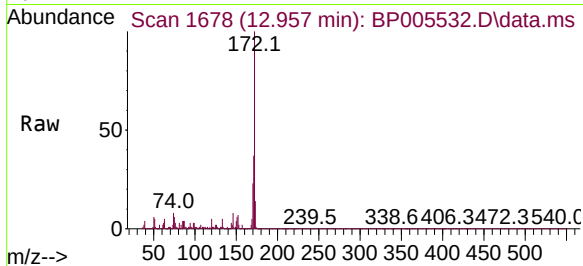




#45
2-Fluorobiphenyl
Concen: 29.75 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

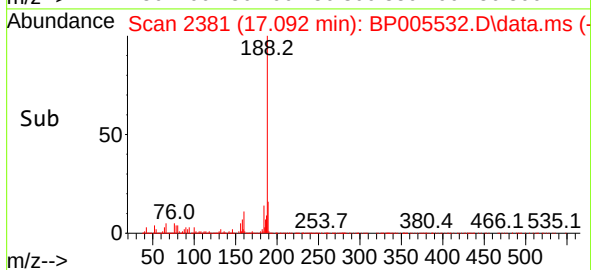
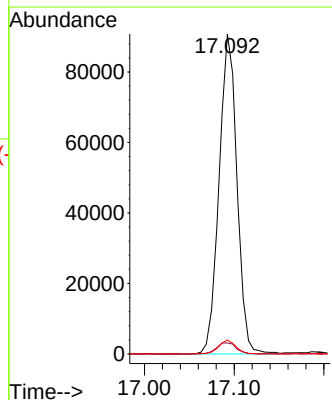
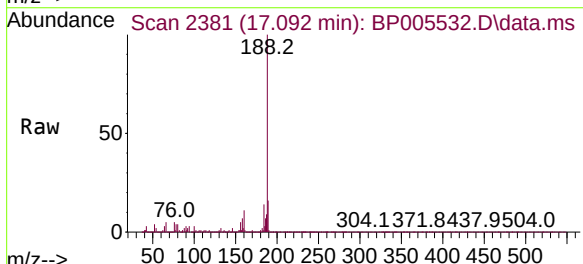
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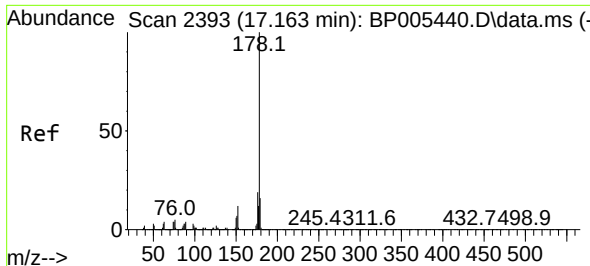
Tgt Ion:172	Resp:	137117
Ion Ratio	Lower	Upper
172	100	
171	37.3	28.1 42.1
170	22.6	19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:188	Resp:	125716
Ion Ratio	Lower	Upper
188	100	
94	3.5	5.0 7.6#
80	4.4	5.9 8.9#

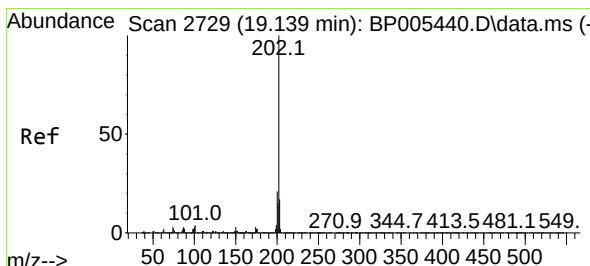
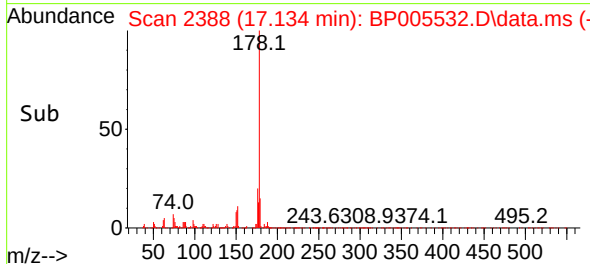
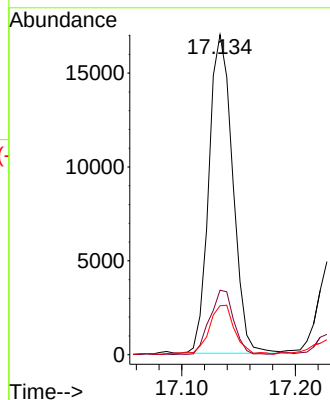
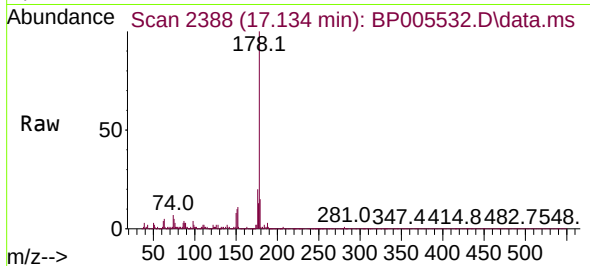




#71
Phenanthrene
Concen: 3.46 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

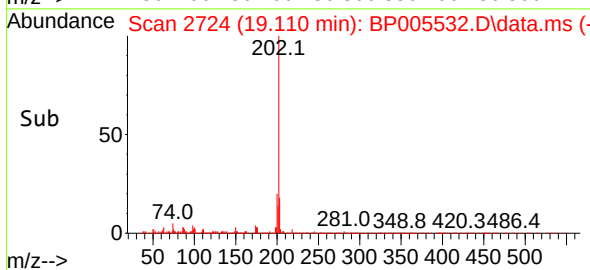
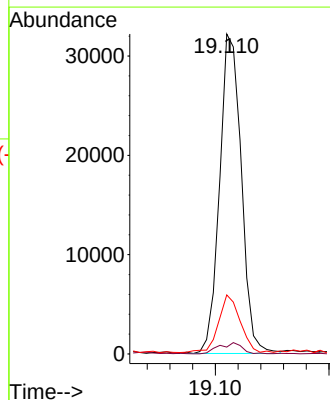
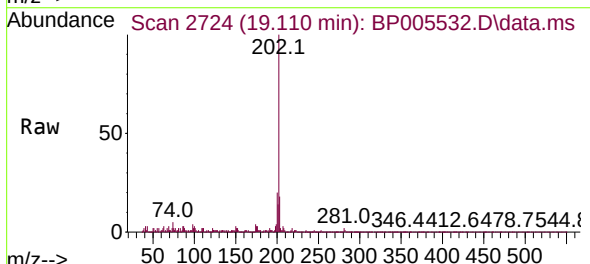
Instrument :
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CL-02-051121

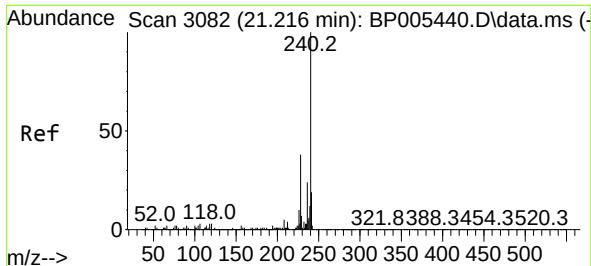
Tgt Ion:178	Resp:	24706
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.4 23.2
179	15.3	12.3 18.5



#75
Fluoranthene
Concen: 4.36 ng
RT: 19.110 min Scan# 2724
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:202	Resp:	42808
Ion Ratio	Lower	Upper
202	100	
101	2.1	0.0 26.1
203	18.5	0.0 37.2

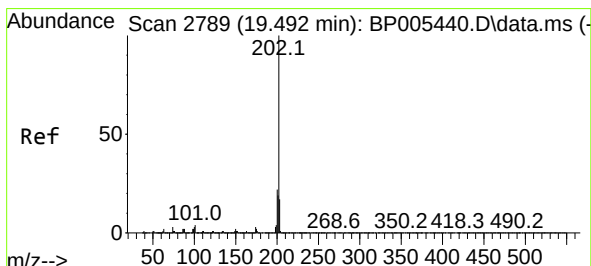
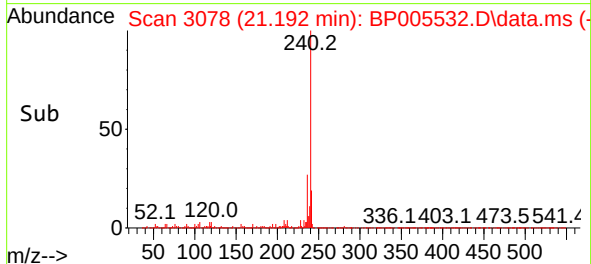
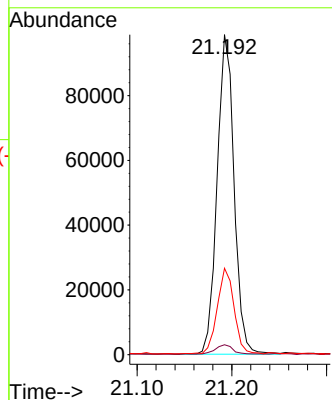
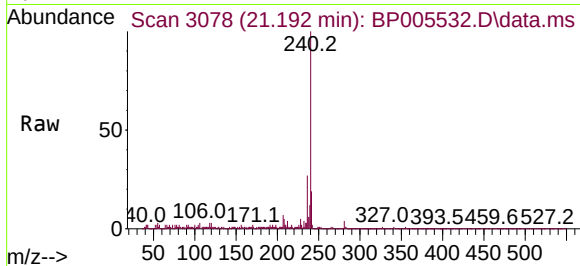




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

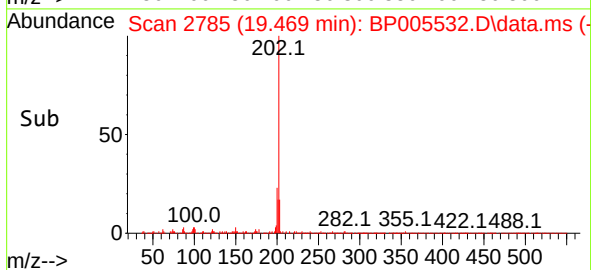
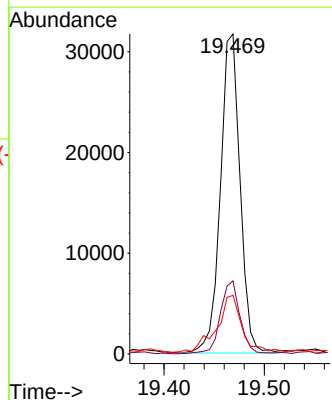
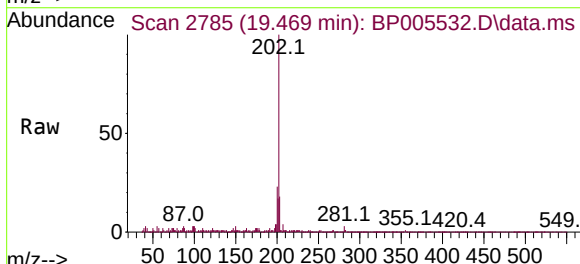
Instrument :
BNA_P
ClientSampleId :
CL-02-051121

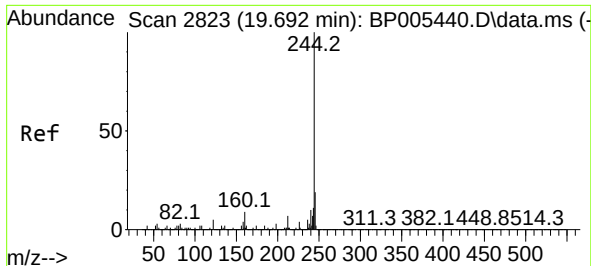
Tgt Ion:240 Resp: 122850
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 27.0 20.2 30.2



#78
Pyrene
Concen: 6.20 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:202 Resp: 43103
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 18.3 13.8 20.6

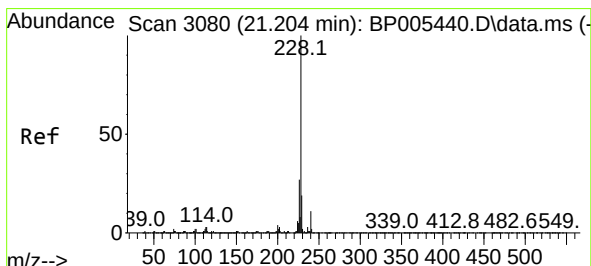
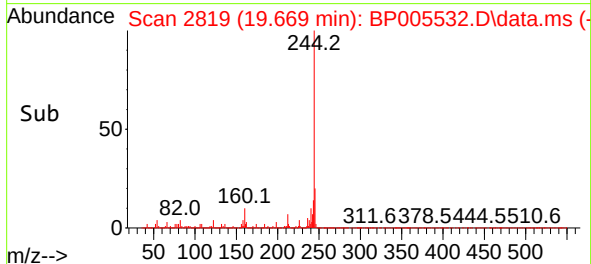
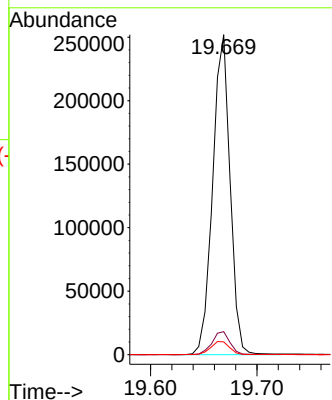
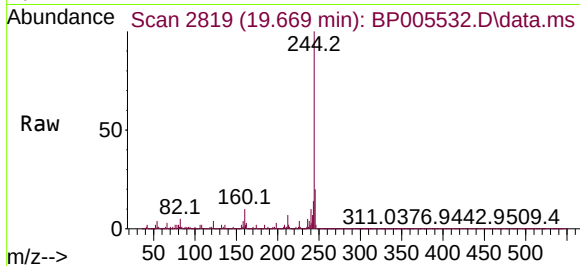




#79
 Terphenyl-d14
 Concen: 39.41 ng
 RT: 19.669 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BP005532.D
 Acq: 13 May 2021 22:16

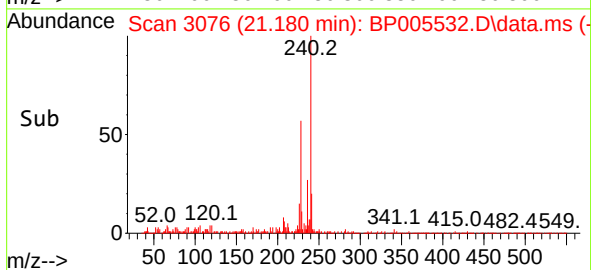
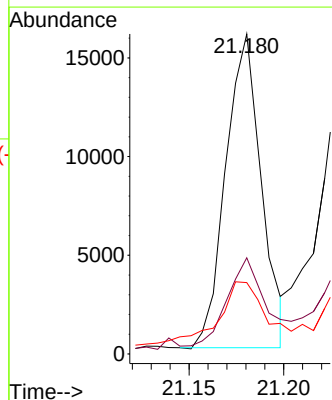
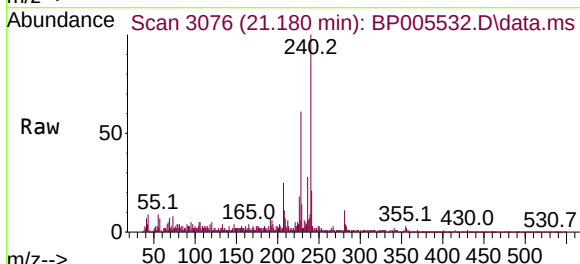
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-051121

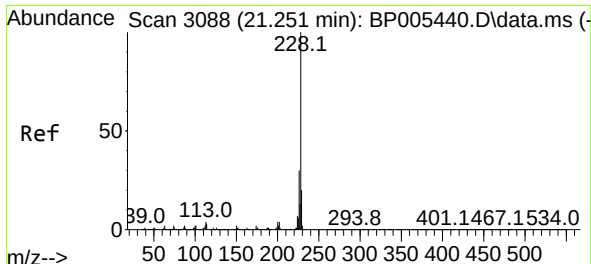
Tgt Ion:244 Resp: 285103
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 4.0 5.2 7.8#



#81
 Benzo(a)anthracene
 Concen: 2.61 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.006 min
 Lab File: BP005532.D
 Acq: 13 May 2021 22:16

Tgt Ion:228 Resp: 20815
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.2 31.8
 229 22.3 15.6 23.4

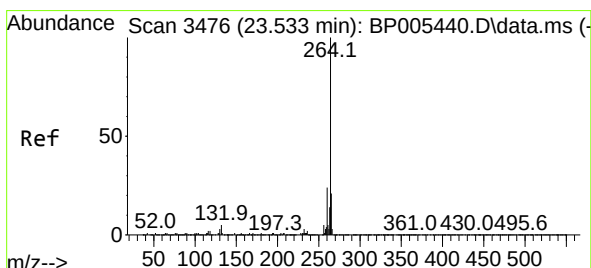
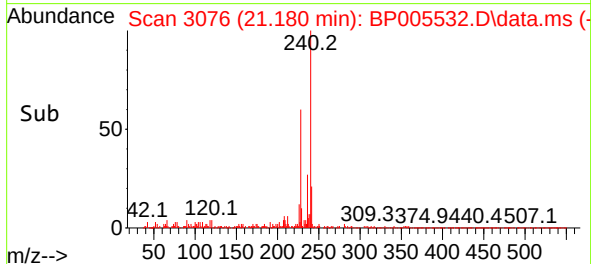
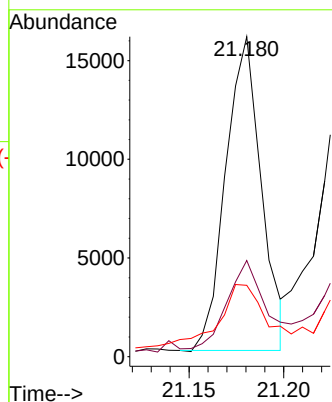
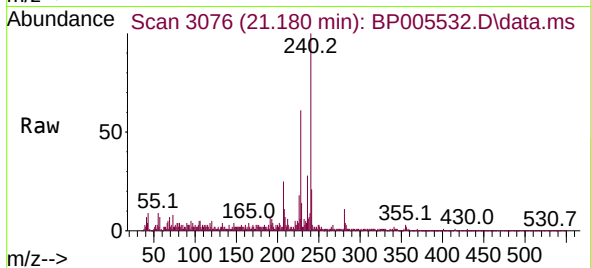




#83
Chrysene
Concen: 2.70 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.047 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

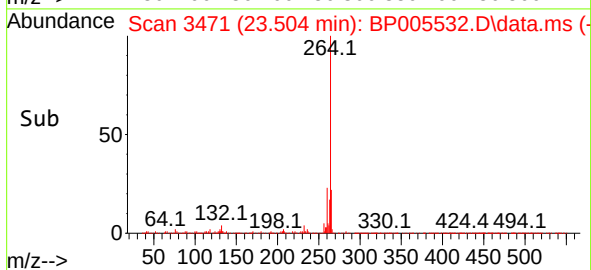
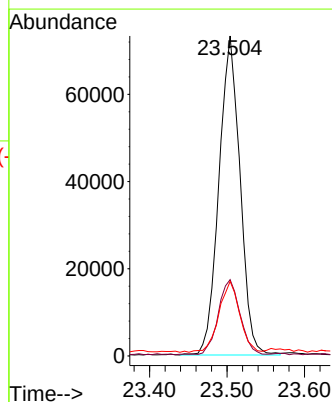
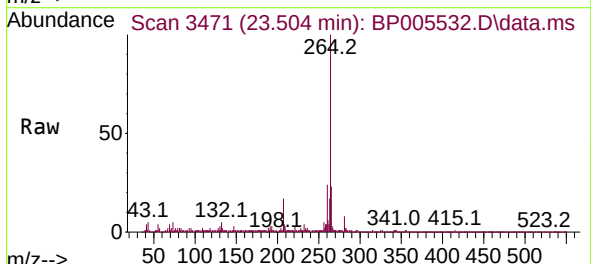
Instrument :
BNA_P
ClientSampled :
CL-02-051121

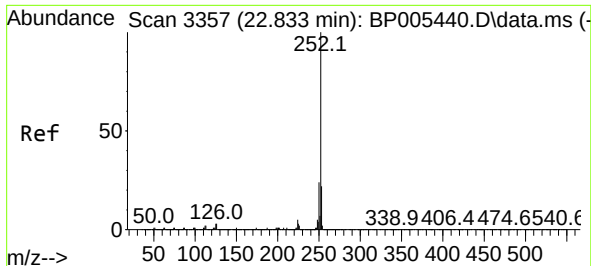
Tgt Ion:228	Resp:	20815
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.8 37.2
229	22.3	15.4 23.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:264	Resp:	138586
Ion Ratio	Lower	Upper
264	100	
260	23.9	20.6 30.8
265	23.3	19.0 28.6

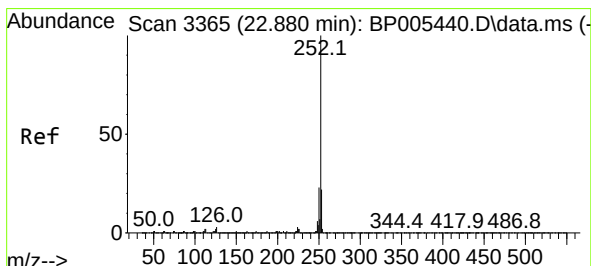
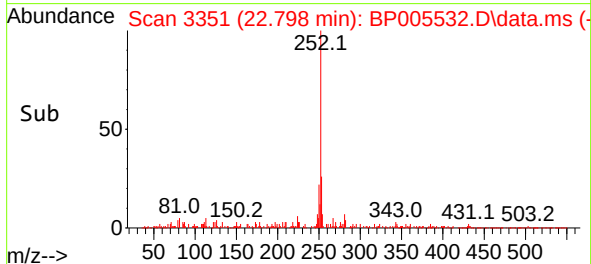
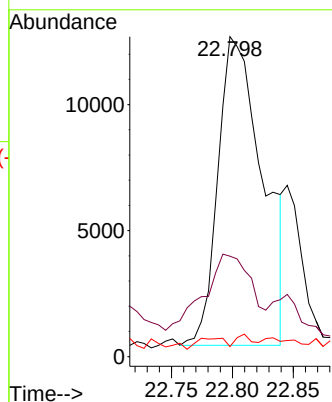
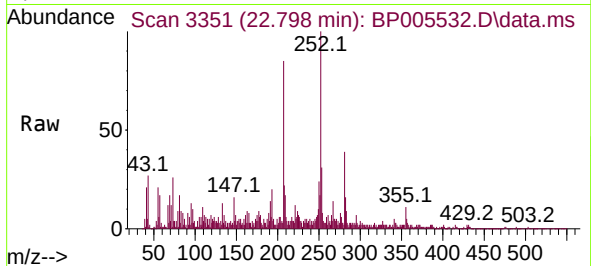




#88
Benzo(b)fluoranthene
Concen: 3.38 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

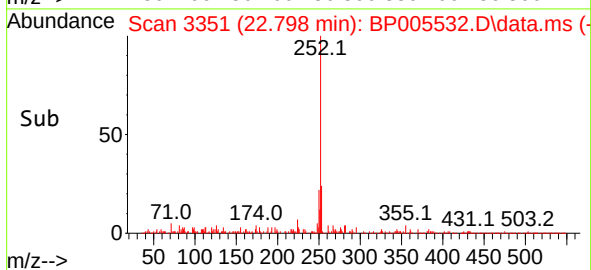
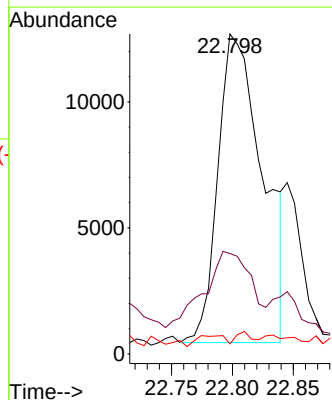
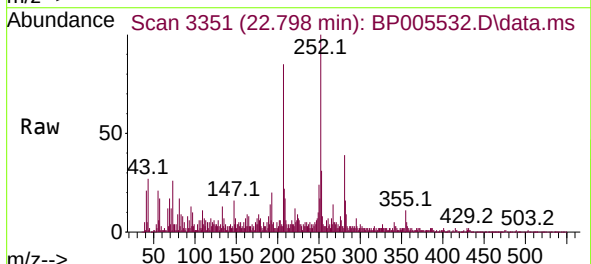
Instrument :
BNA_P
ClientSampleId :
CL-02-051121

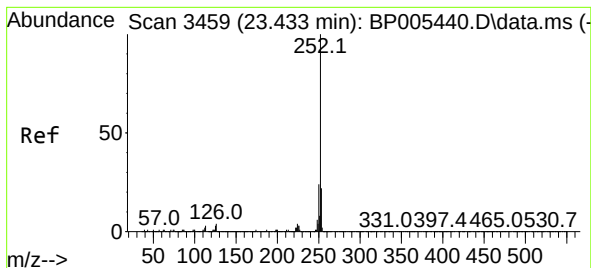
Tgt Ion:252 Resp: 31220
Ion Ratio Lower Upper
252 100
253 31.4 18.2 27.2#
125 3.2 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 3.46 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.047 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:252 Resp: 31220
Ion Ratio Lower Upper
252 100
253 31.4 17.2 25.8#
125 3.2 3.8 5.6#





#90

Benzo(a)pyrene

Concen: 2.64 ng

RT: 23.398 min Scan# 3453

Delta R.T. 0.000 min

Lab File: BP005532.D

Acq: 13 May 2021 22:16

Instrument :

BNA_P

ClientSampleId :

CL-02-051121

Tgt Ion:252 Resp: 22347

Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

125 4.9 3.8 5.6

