

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005538.D
 Acq On : 14 May 2021 01:39
 Operator : CG/JU
 Sample : M2373-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

Quant Time: May 14 03:27:52 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)

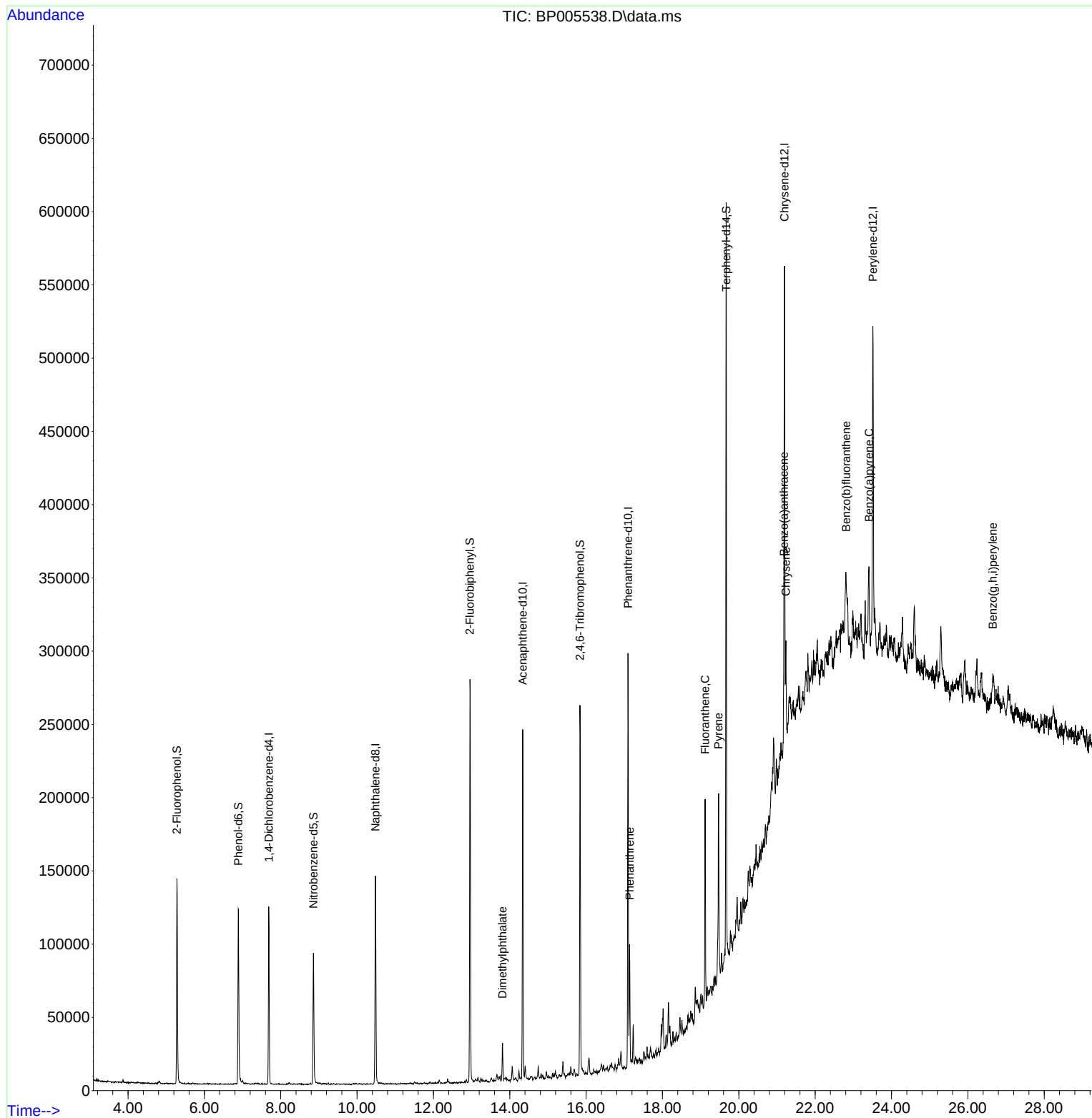
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	25044	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	86786	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	68350	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	143576	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	141057	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	162452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	45168	34.61	ng	0.00
7) Phenol-d6	6.893	99	51360	31.56	ng	0.00
23) Nitrobenzene-d5	8.857	82	44981	20.40	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	50650	26.11	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	124258	20.51	ng	-0.01
79) Terphenyl-d14	19.669	244	200100	24.09	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.810	163	12499	2.12	ng	# 97
71) Phenanthrene	17.139	178	43697	5.36	ng	98
75) Fluoranthene	19.116	202	74086	6.60	ng	96
78) Pyrene	19.469	202	71650	8.97	ng	98
81) Benzo(a)anthracene	21.180	228	36885	4.04	ng	# 94
83) Chrysene	21.233	228	34861	3.93	ng	# 94
88) Benzo(b)fluoranthene	22.810	252	48563	4.49	ng	# 94
90) Benzo(a)pyrene	23.410	252	35753	3.60	ng	# 90
92) Benzo(g,h,i)perylene	26.657	276	27110	2.43	ng	93

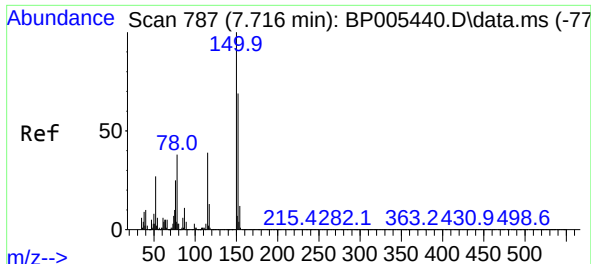
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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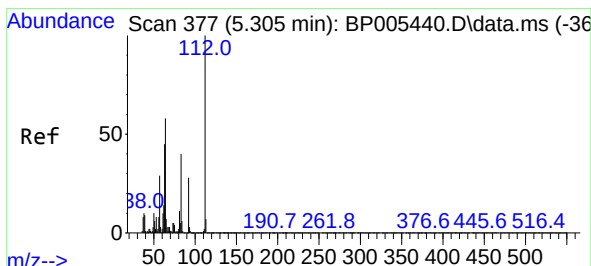
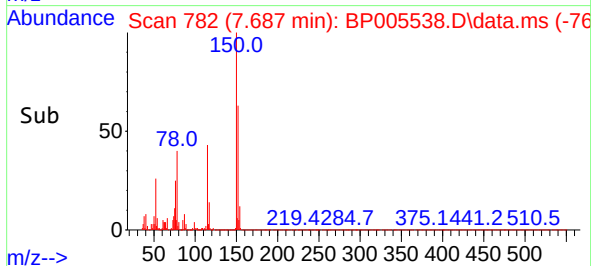
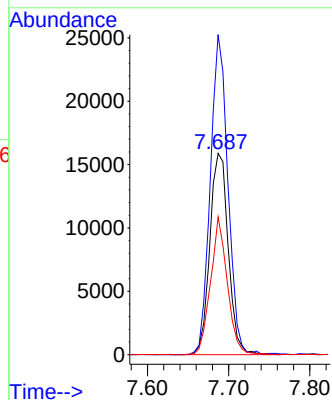
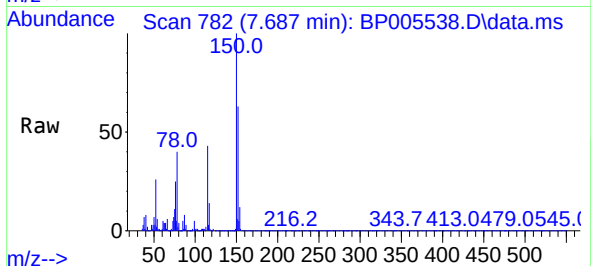




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

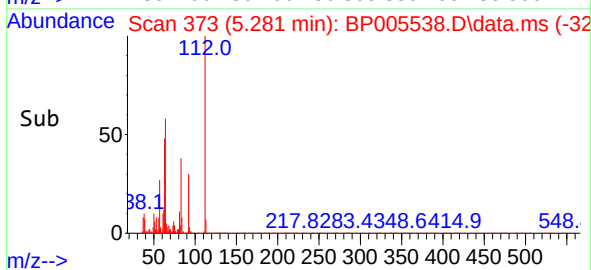
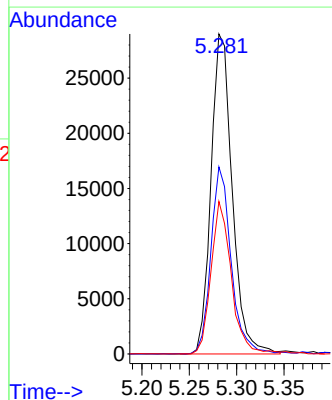
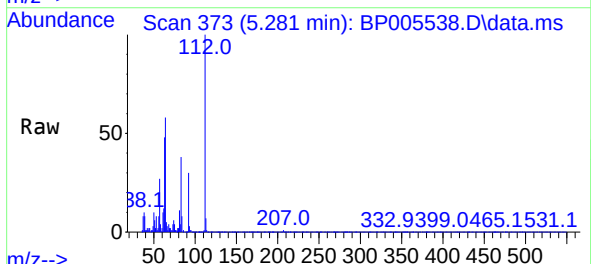
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

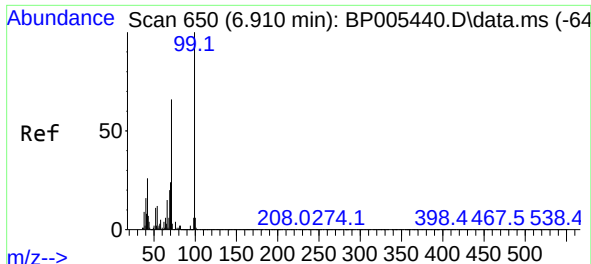
Tgt Ion:152 Resp: 25044
Ion Ratio Lower Upper
152 100
150 159.0 119.8 179.8
115 68.5 49.0 73.4



#5
2-Fluorophenol
Concen: 34.61 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:112 Resp: 45168
Ion Ratio Lower Upper
112 100
64 58.4 33.6 50.4#
63 47.6 18.6 27.8#

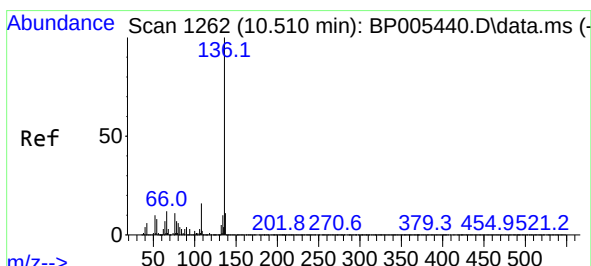
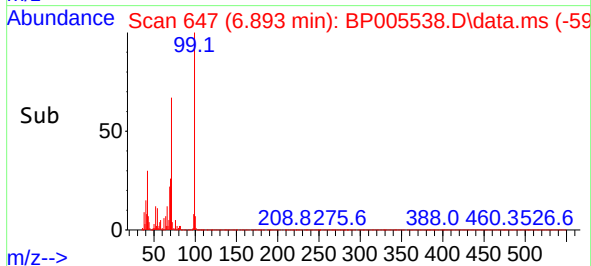
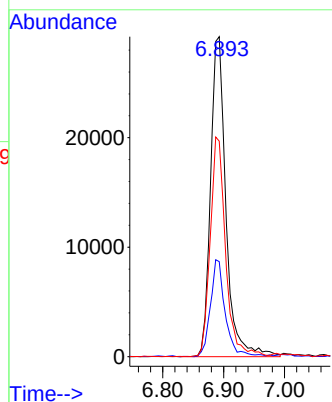
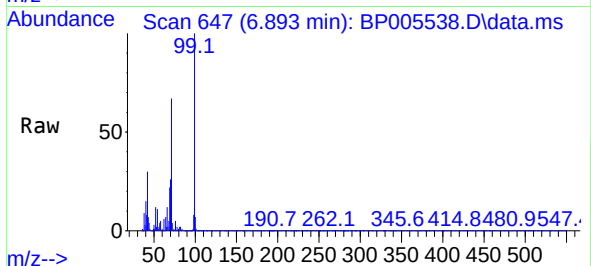




#7
Phenol-d6
Concen: 31.56 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

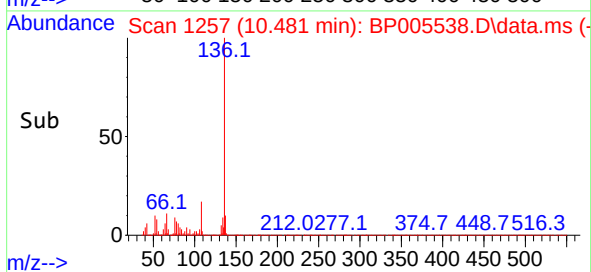
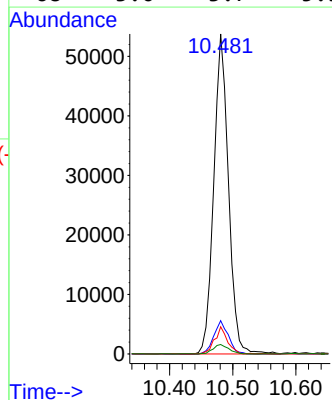
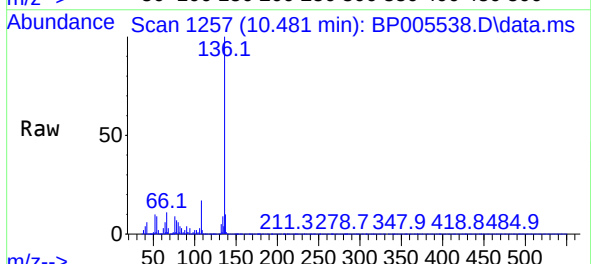
Instrument :
BNA_P
ClientSampleId :
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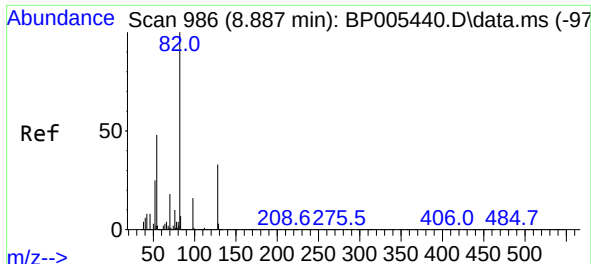
Tgt Ion:	99	Resp:	51360
Ion	Ratio	Lower	Upper
99	100		
42	29.7	12.9	19.3#
71	67.3	26.7	40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:	136	Resp:	86786
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.5	5.0	7.4#
68	3.0	3.7	5.5#

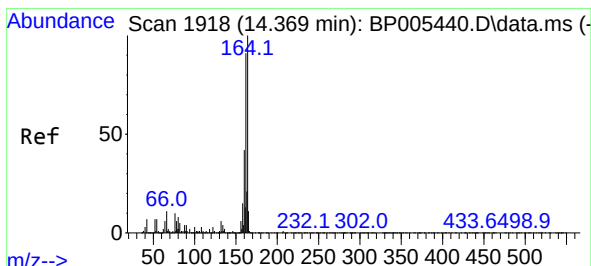
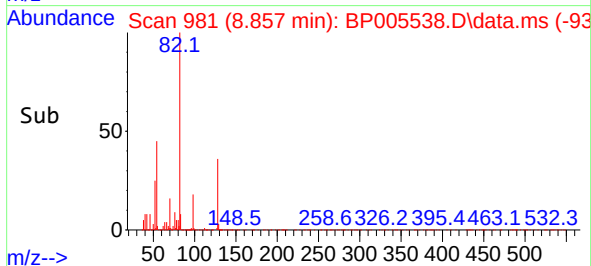
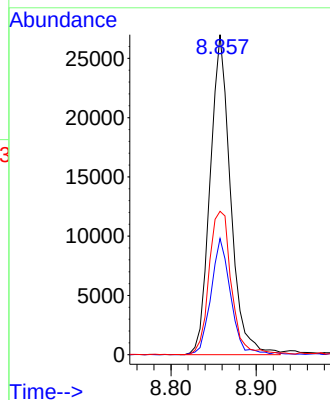
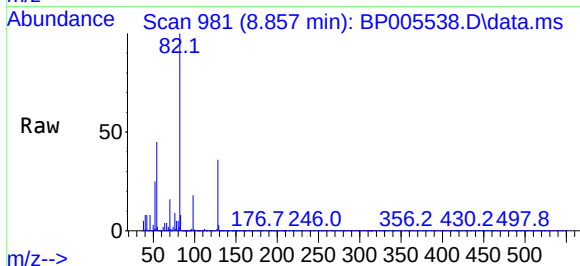




#23
Nitrobenzene-d5
Concen: 20.40 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

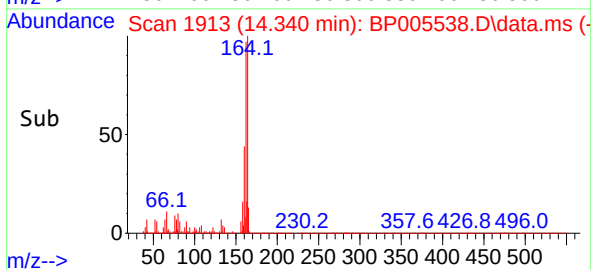
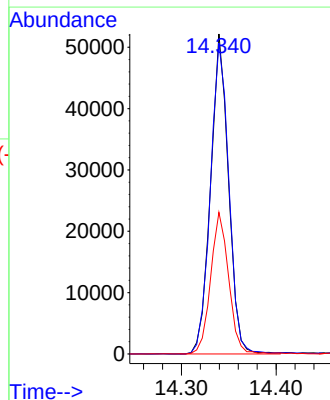
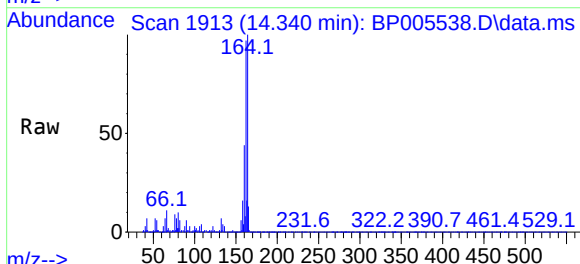
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

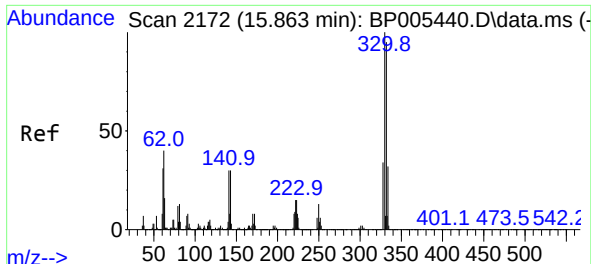
Tgt Ion:	82	Resp:	44981
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.5	45.7
54	44.8	33.9	50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:	164	Resp:	68350
Ion	Ratio	Lower	Upper
164	100		
162	97.2	73.5	110.3
160	44.3	40.6	61.0

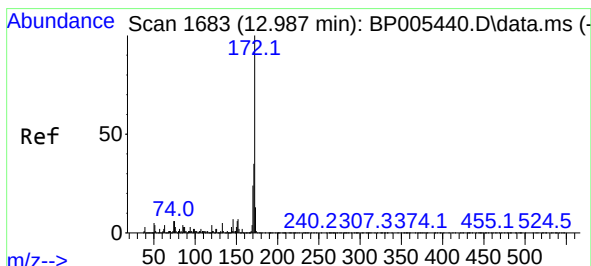
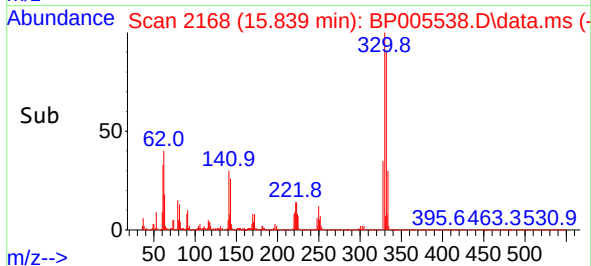
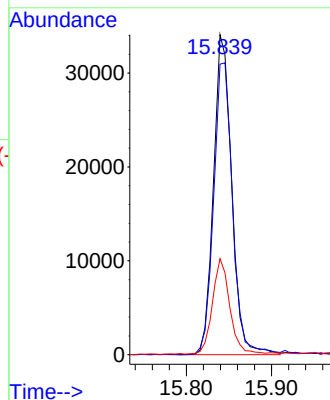
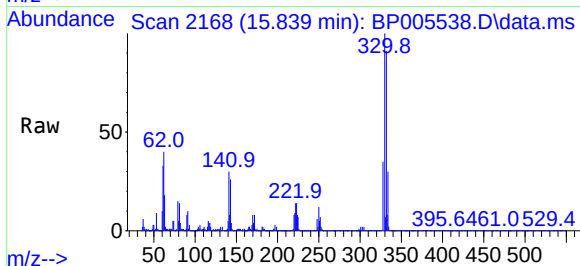




#42
2,4,6-Tribromophenol
Concen: 26.11 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

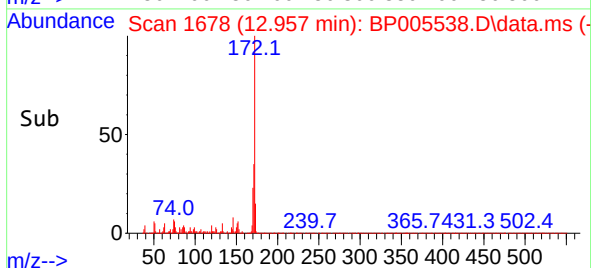
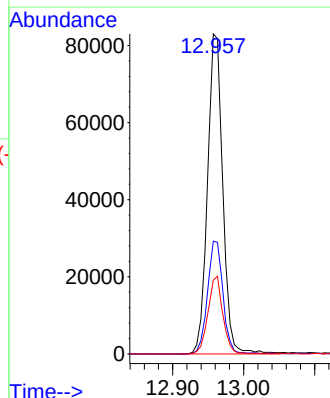
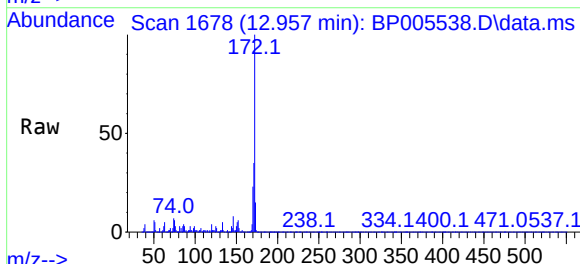
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

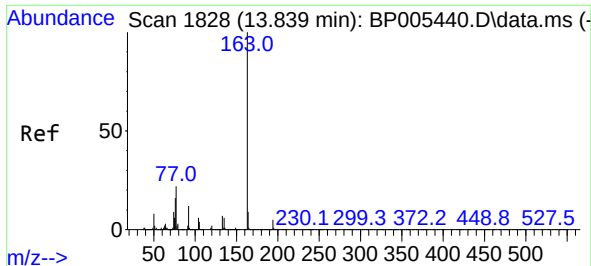
Tgt Ion:	330	Resp:	50650
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.3	114.5
141	28.8	22.8	34.2



#45
2-Fluorobiphenyl
Concen: 20.51 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:	172	Resp:	124258
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.1	42.1
170	23.1	19.6	29.4

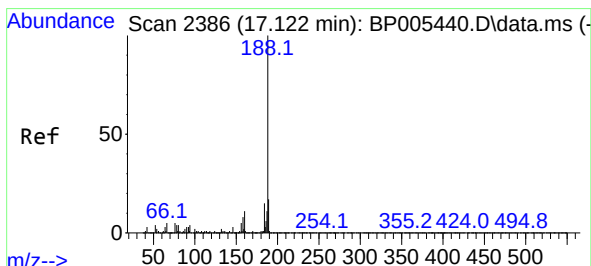
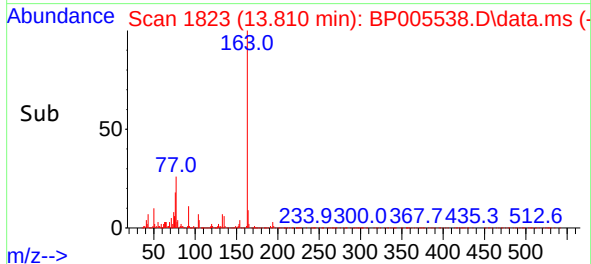
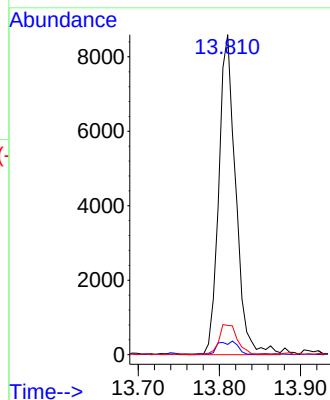
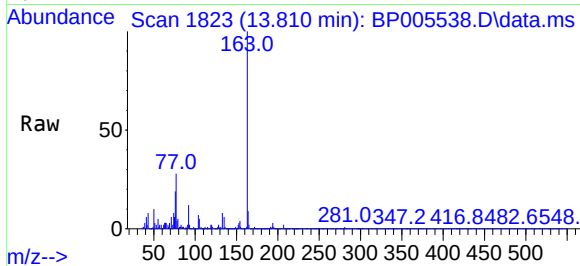




#50
Dimethylphthalate
Concen: 2.12 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

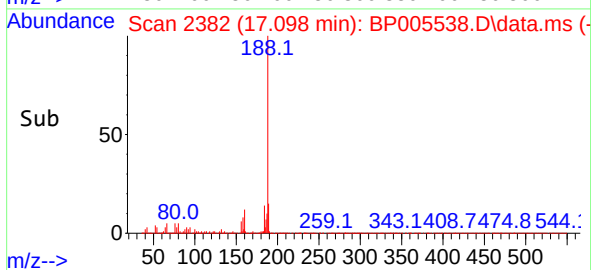
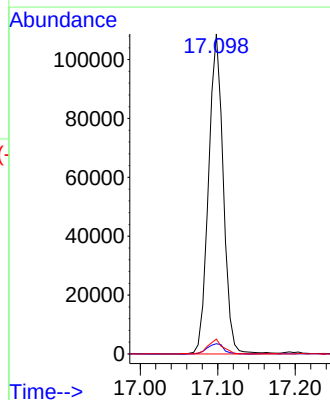
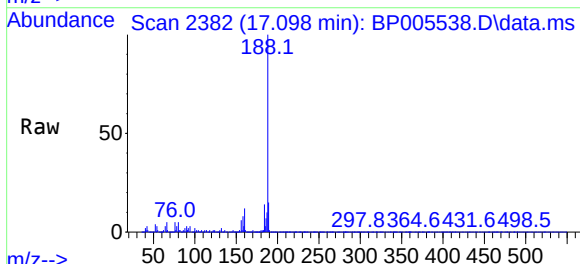
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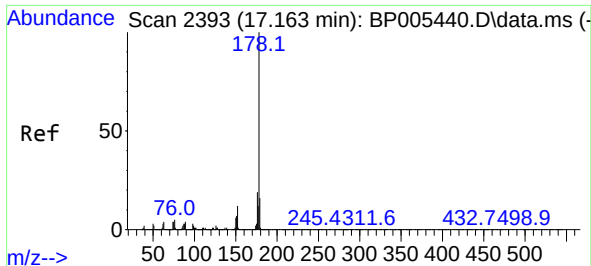
Tgt Ion:163 Resp: 12499
Ion Ratio Lower Upper
163 100
194 3.2 3.9 5.9#
164 9.1 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:188 Resp: 143576
Ion Ratio Lower Upper
188 100
94 3.2 5.0 7.6#
80 4.7 5.9 8.9#

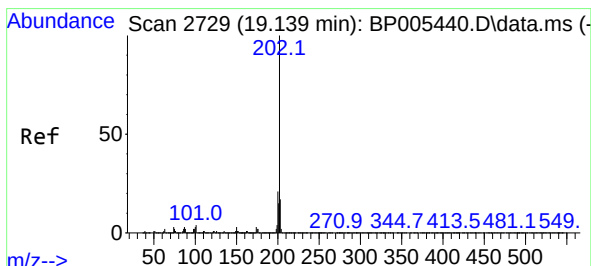
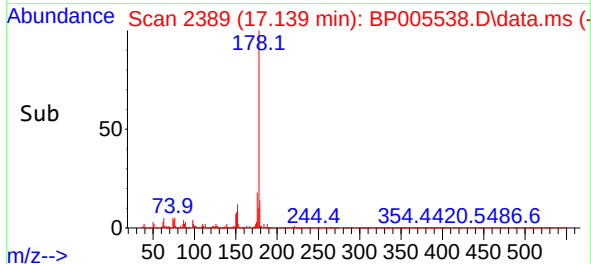
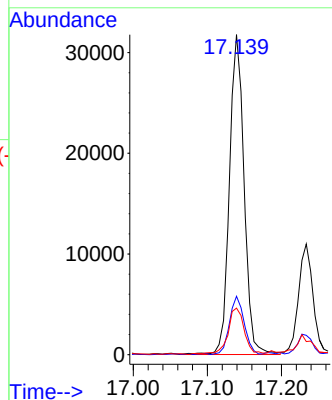
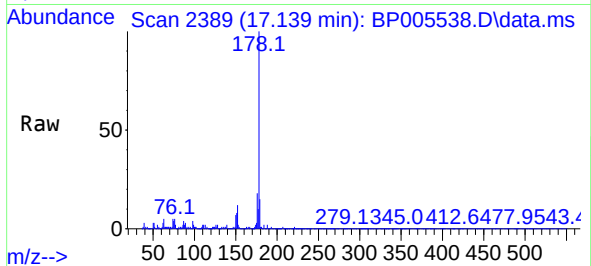




#71
Phenanthrene
Concen: 5.36 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

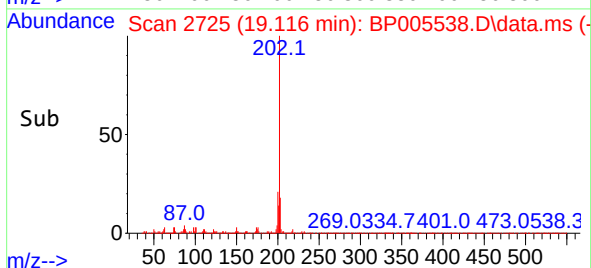
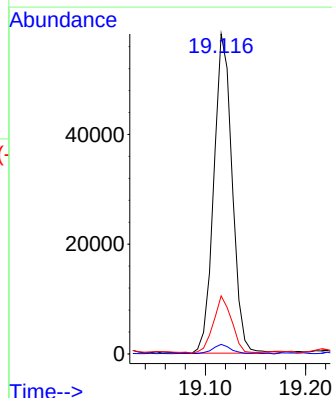
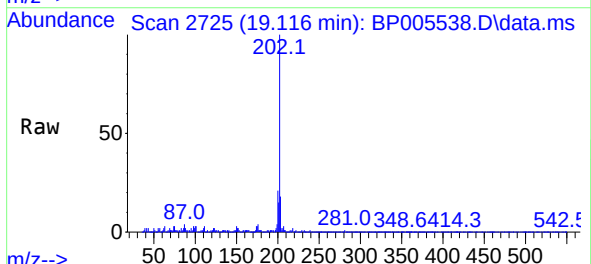
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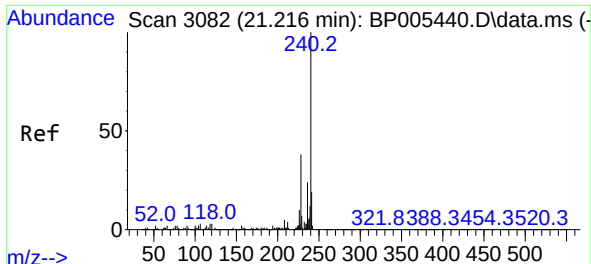
Tgt Ion:	178	Resp:	43697
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.4	23.2
179	14.5	12.3	18.5



#75
Fluoranthene
Concen: 6.60 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:	202	Resp:	74086
Ion Ratio	Lower	Upper	
202	100		
101	3.0	0.0	26.1
203	18.1	0.0	37.2

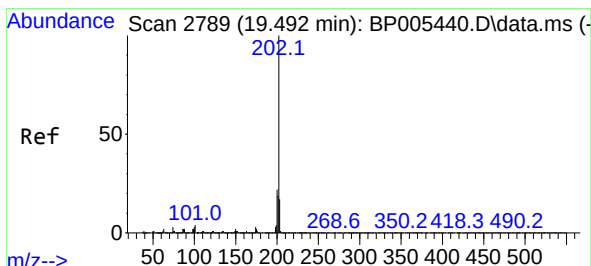
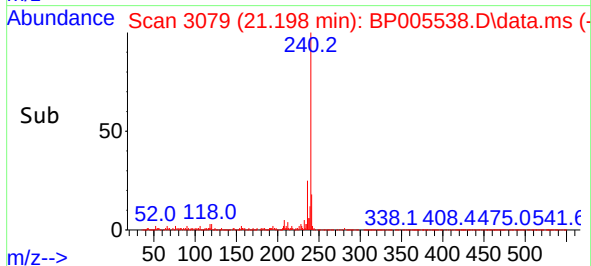
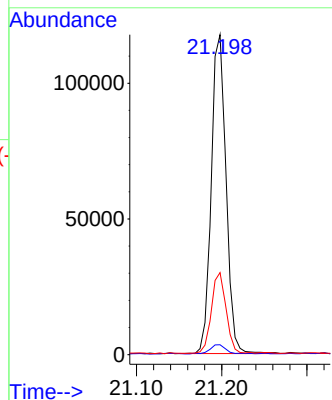
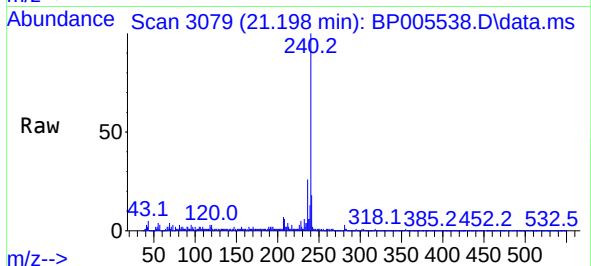




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

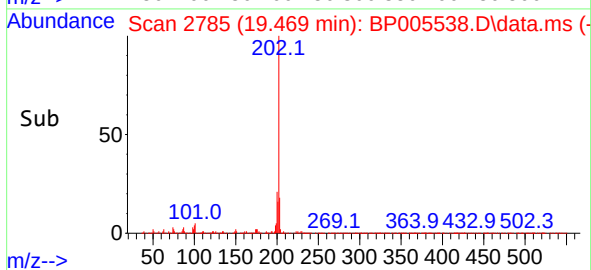
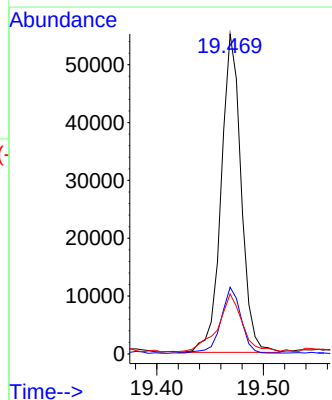
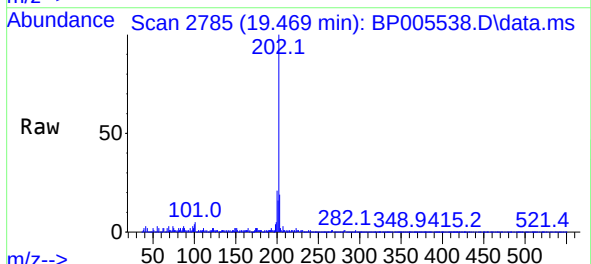
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

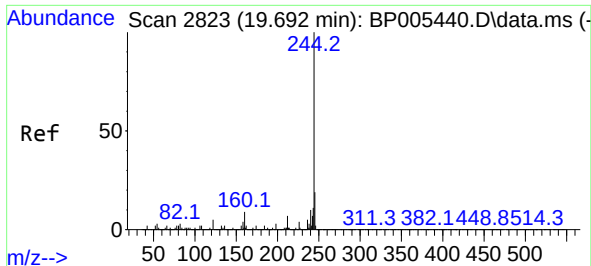
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Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 25.6 20.2 30.2



#78
Pyrene
Concen: 8.97 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:202 Resp: 71650
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 18.8 13.8 20.6

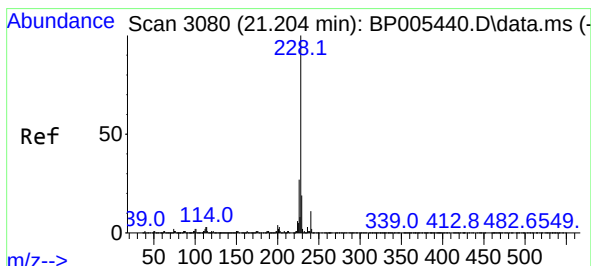
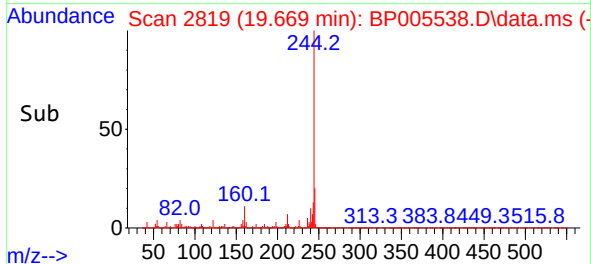
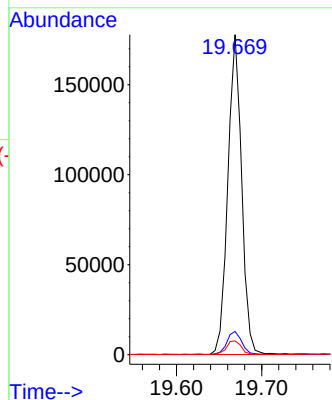
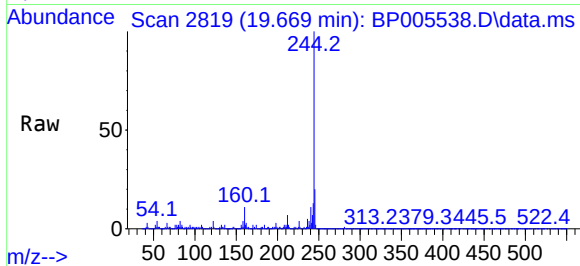




#79
 Terphenyl-d14
 Concen: 24.09 ng
 RT: 19.669 min Scan# 2819
 Delta R.T. -0.000 min
 Lab File: BP005538.D
 Acq: 14 May 2021 01:39

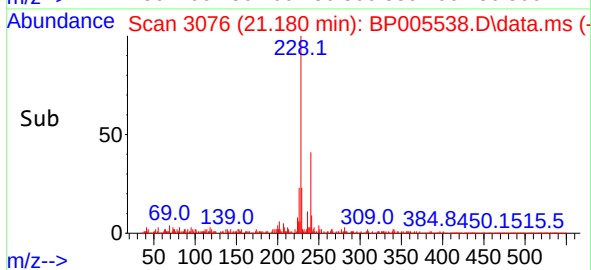
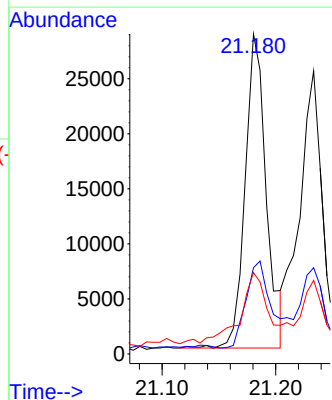
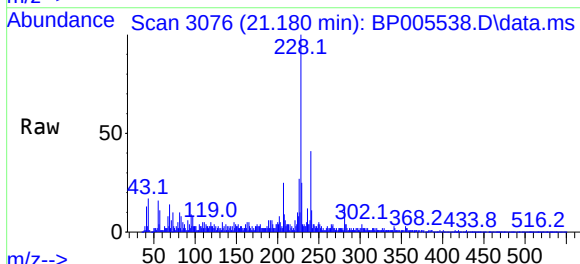
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

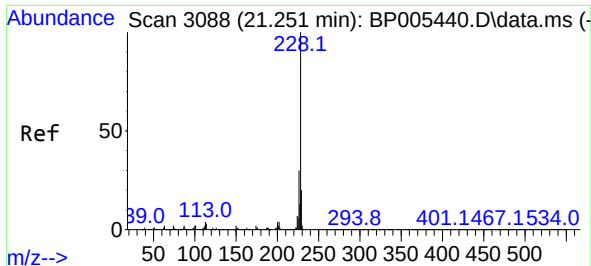
Tgt Ion:244 Resp: 200100
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 4.3 5.2 7.8#



#81
 Benzo(a)anthracene
 Concen: 4.04 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.006 min
 Lab File: BP005538.D
 Acq: 14 May 2021 01:39

Tgt Ion:228 Resp: 36885
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.2 31.8
 229 25.4 15.6 23.4#

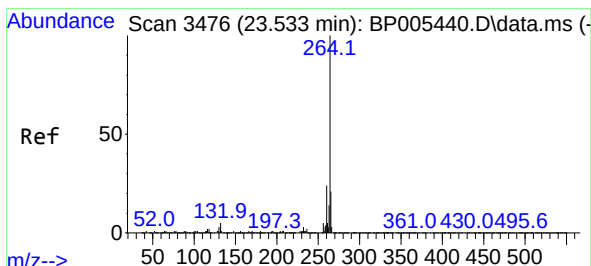
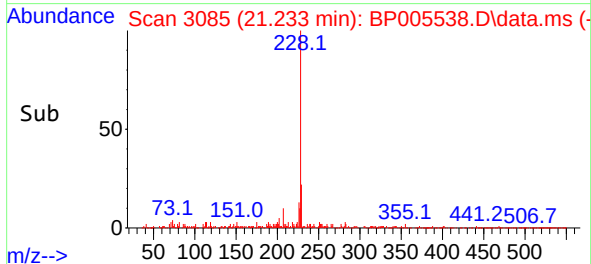
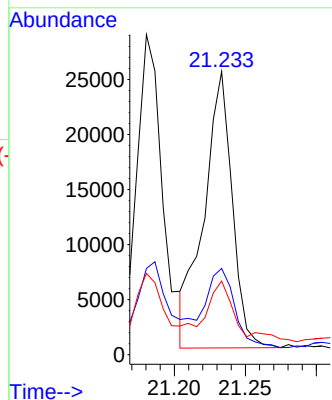
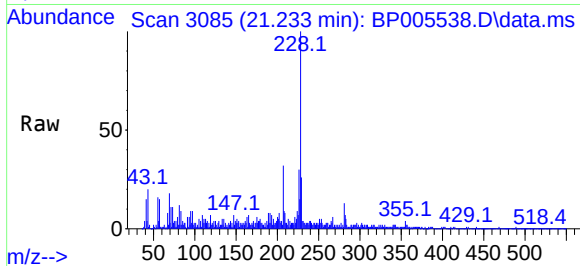




#83
Chrysene
Concen: 3.93 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

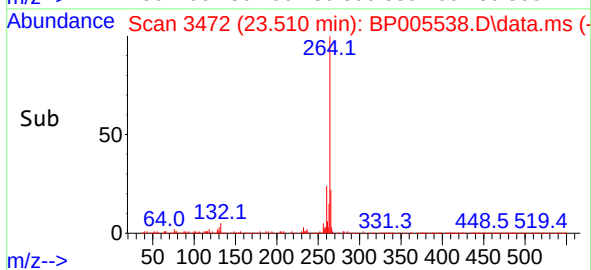
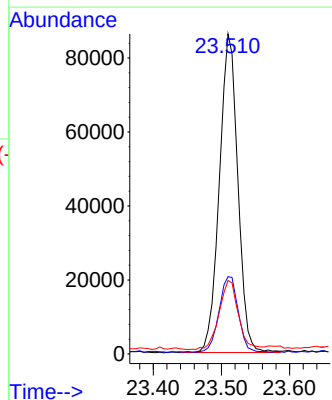
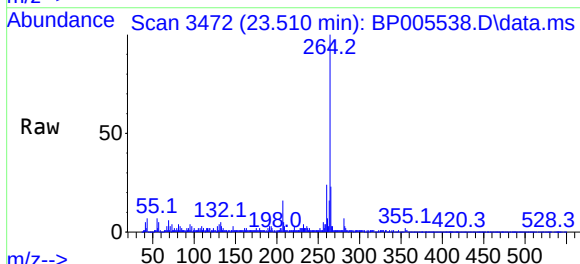
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

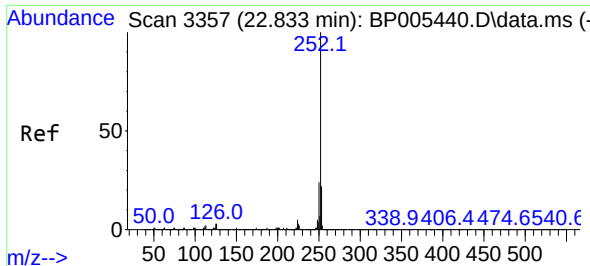
Tgt Ion:	228	Resp:	34861
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.8	37.2
229	26.0	15.4	23.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Tgt Ion:	264	Resp:	162452
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.6	30.8
265	22.9	19.0	28.6

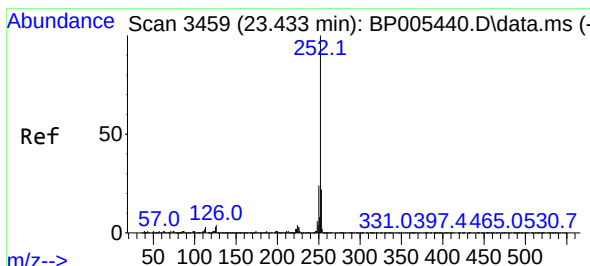
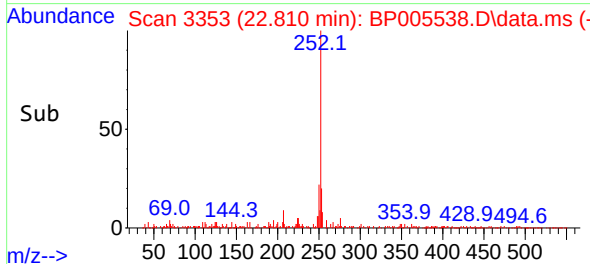
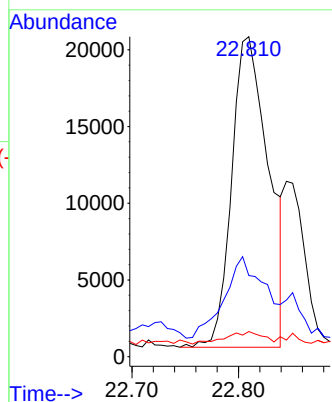
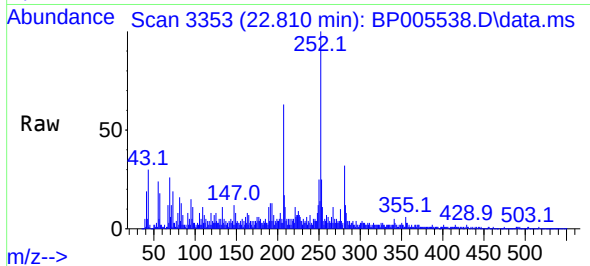




#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 22.810 min Scan# 3353
Delta R.T. 0.012 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

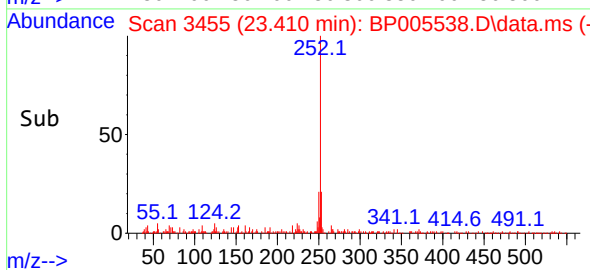
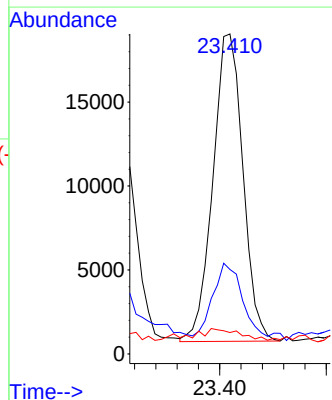
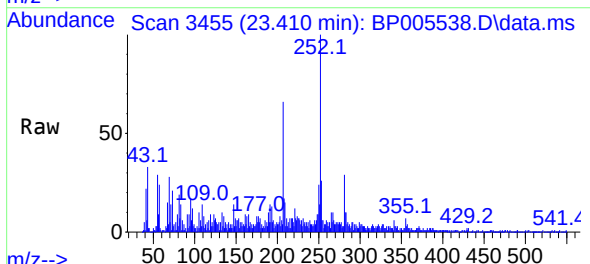
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

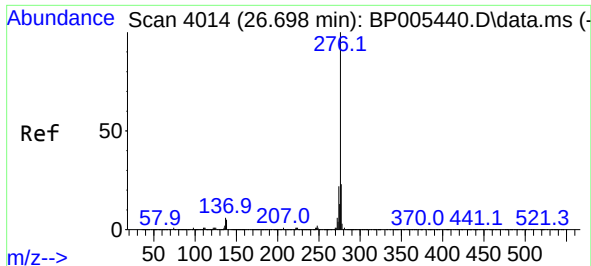
Tgt Ion:252 Resp: 48563
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.2
125 7.9 3.4 5.0#



#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 23.410 min Scan# 3455
Delta R.T. 0.012 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

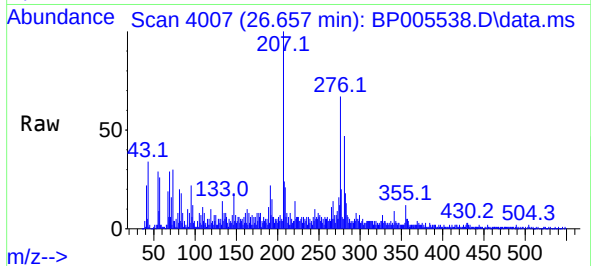
Tgt Ion:252 Resp: 35753
Ion Ratio Lower Upper
252 100
253 26.4 17.1 25.7#
125 6.7 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 26.657 min Scan# 4007
Delta R.T. 0.018 min
Lab File: BP005538.D
Acq: 14 May 2021 01:39

Instrument :
BNA_P
ClientSampleId :
OR-02-051221



Tgt Ion: 276 Resp: 27110
Ion Ratio Lower Upper
276 100
277 29.0 19.8 29.8
138 8.8 7.7 11.5

