

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005247.D
 Acq On : 08 Apr 2021 21:30
 Operator : CG/JU
 Sample : M1970-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-040721

Quant Time: Apr 09 00:46:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

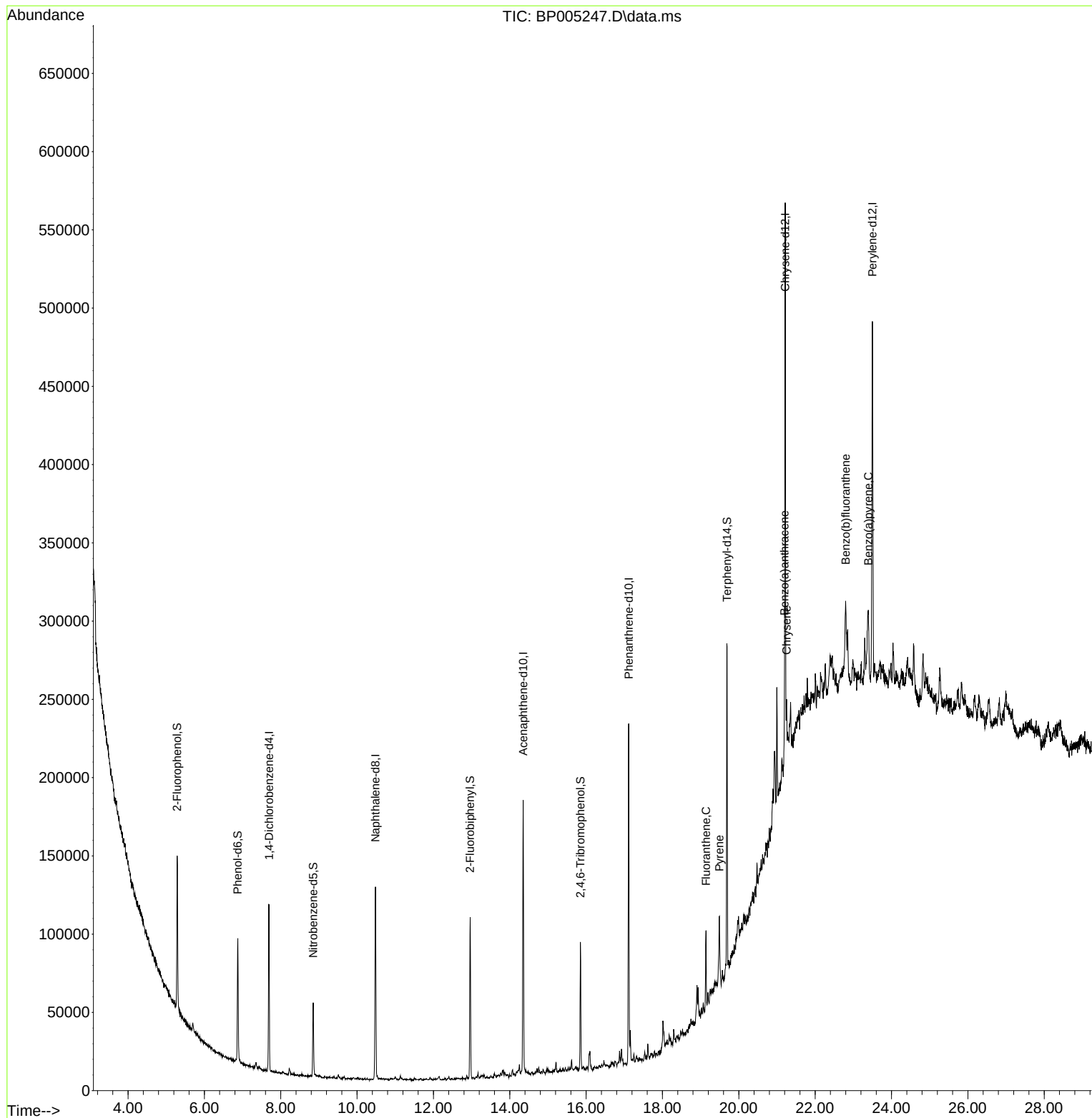
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	26413	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	90733	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	51862	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	116704	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	145010	20.00	ng	0.00
86) Perylene-d12	23.498	264	157155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	39971	23.29	ng	0.00
7) Phenol-d6	6.875	99	44750	18.20	ng	0.00
23) Nitrobenzene-d5	8.852	82	29148	13.78	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	12370	18.31	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	49137	12.82	ng	0.00
79) Terphenyl-d14	19.692	244	94696	11.89	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.139	202	24388	3.06	ng	96
78) Pyrene	19.492	202	24567	2.47	ng	# 95
81) Benzo(a)anthracene	21.198	228	20805	2.11	ng	# 93
83) Chrysene	21.251	228	22134	2.29	ng	# 91
88) Benzo(b)fluoranthene	22.804	252	29103	2.61	ng	# 81
90) Benzo(a)pyrene	23.392	252	21075	2.11	ng	# 86

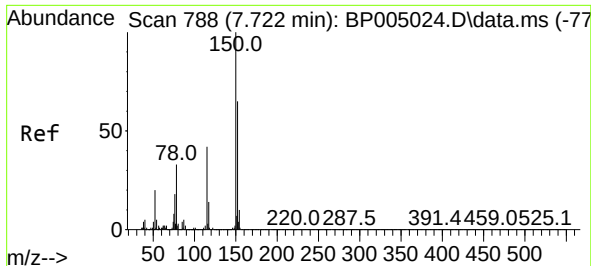
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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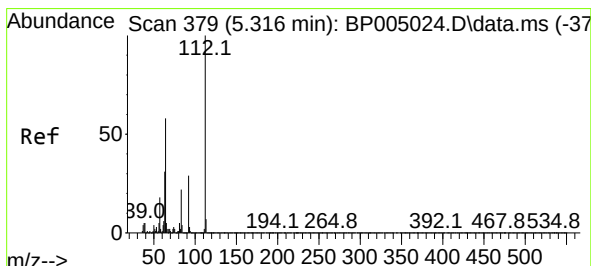
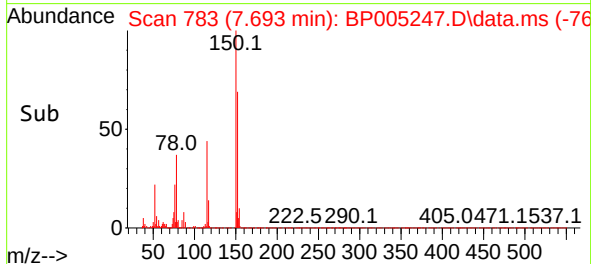
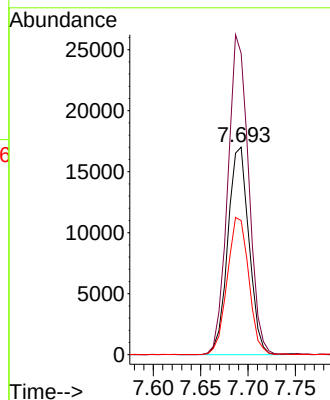
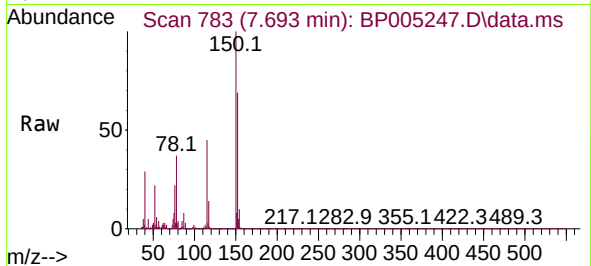




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

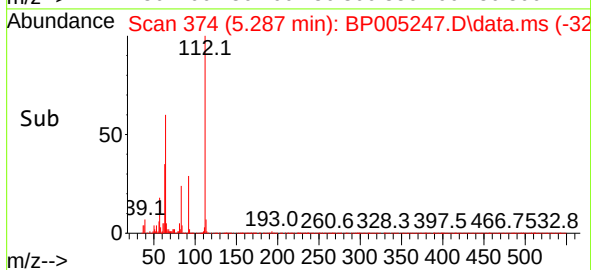
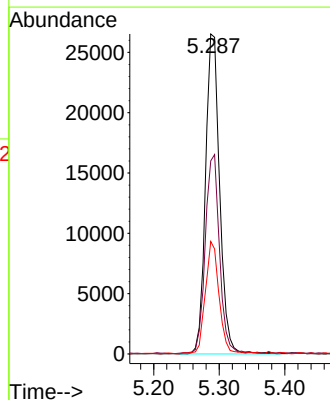
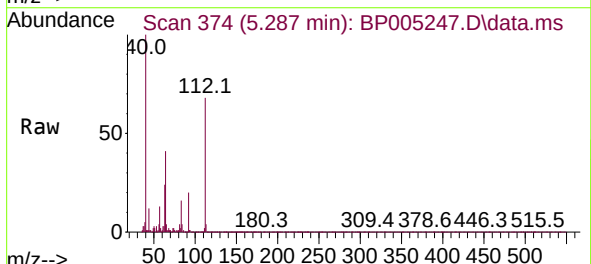
Instrument :
BNA_P
ClientSampleId :
JC-03-040721

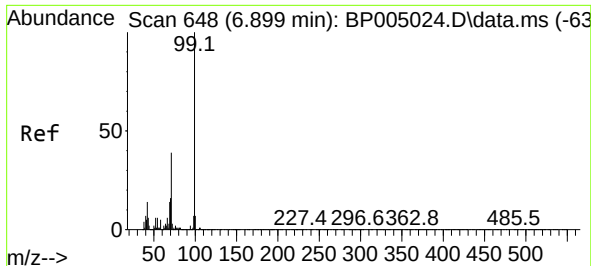
Tgt Ion:152 Resp: 26413
Ion Ratio Lower Upper
152 100
150 145.1 123.8 185.6
115 64.6 43.8 65.6



#5
2-Fluorophenol
Concen: 23.29 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:112 Resp: 39971
Ion Ratio Lower Upper
112 100
64 60.3 32.8 49.2#
63 35.2 17.0 25.4#

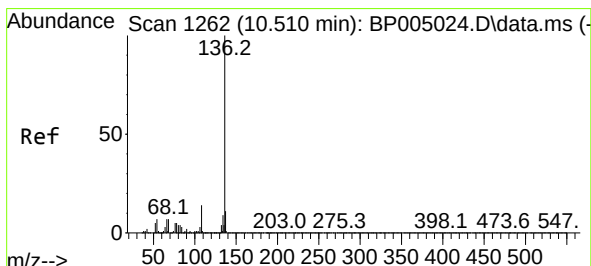
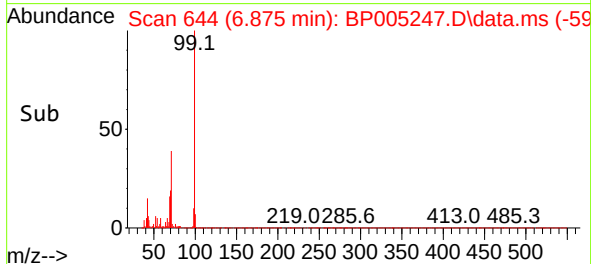
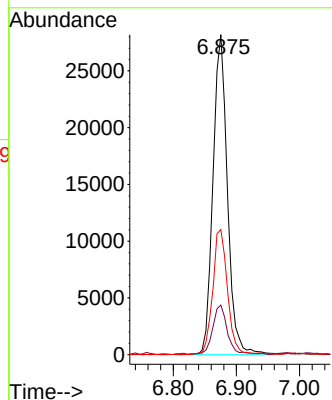
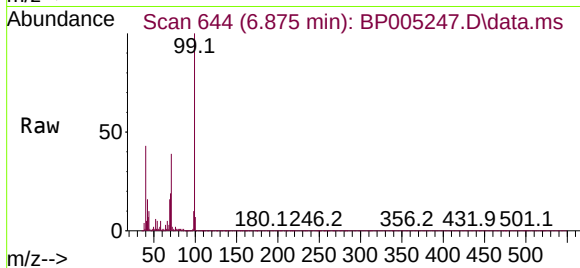




#7
Phenol-d6
Concen: 18.20 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

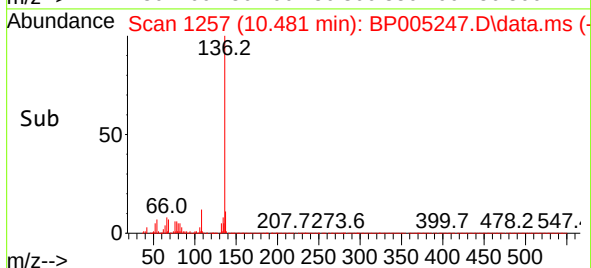
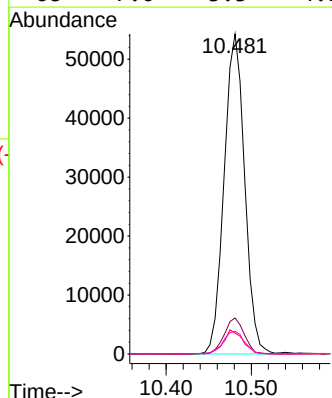
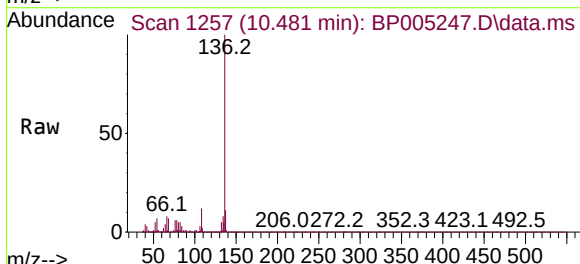
Instrument :
BNA_P
ClientSampleId :
JC-03-040721

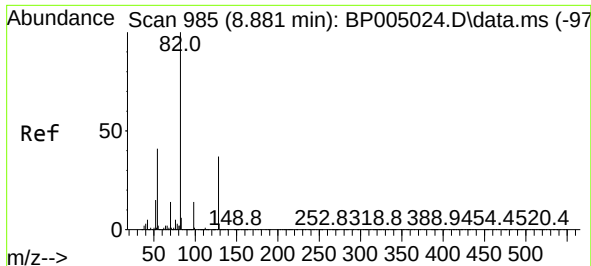
Tgt Ion: 99 Resp: 44750
Ion Ratio Lower Upper
99 100
42 15.5 8.6 13.0#
71 39.1 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion: 136 Resp: 90733
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 6.6 3.6 5.4#
68 7.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 13.78 ng

RT: 8.852 min Scan# 980

Delta R.T. -0.006 min

Lab File: BP005247.D

Acq: 08 Apr 2021 21:30

Tgt Ion: 82 Resp: 29148

Ion Ratio Lower Upper

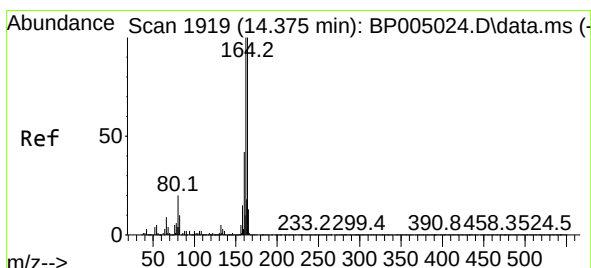
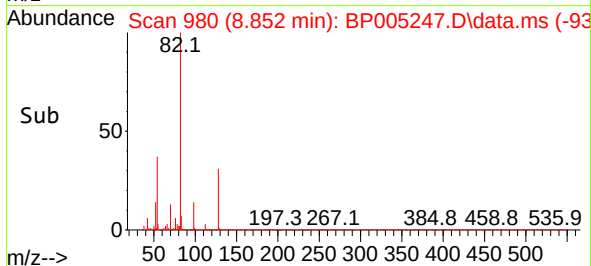
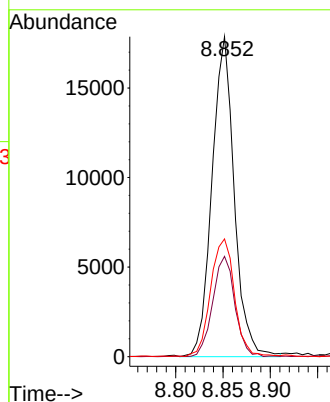
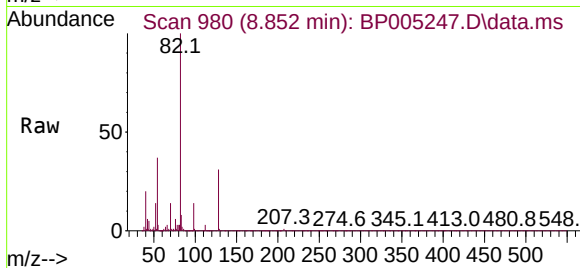
Ion	Ratio	Lower	Upper
82	100		
128	31.4	45.6	68.4#
54	36.8	30.1	45.1

Instrument :

BNA_P

ClientSampleId :

JC-03-040721



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

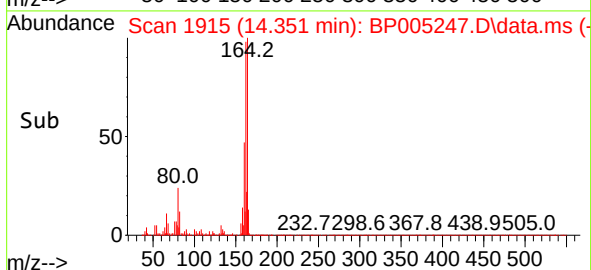
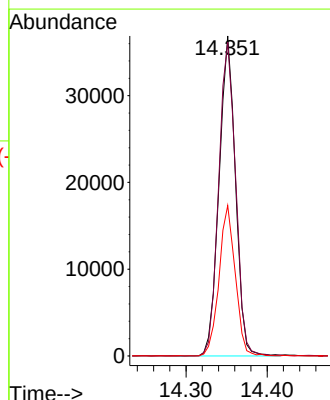
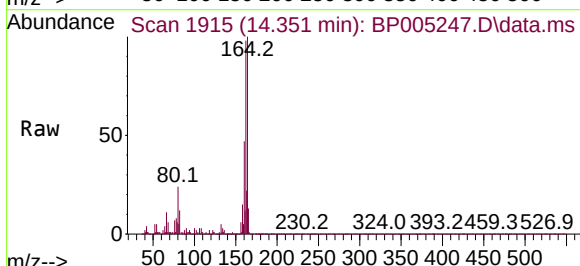
Lab File: BP005247.D

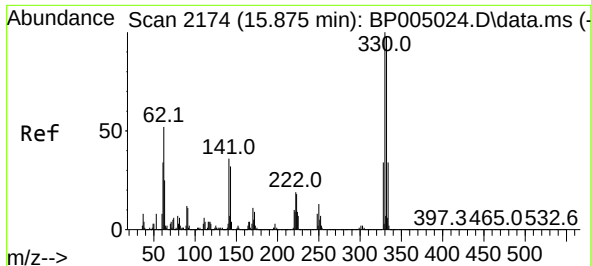
Acq: 08 Apr 2021 21:30

Tgt Ion: 164 Resp: 51862

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.4	119.2
160	47.0	36.1	54.1

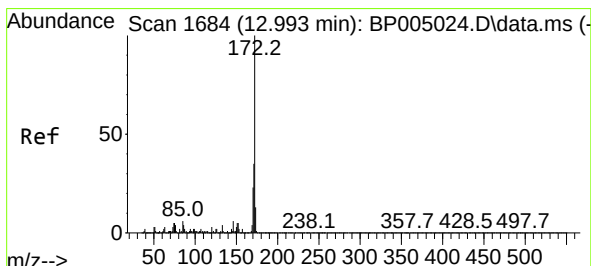
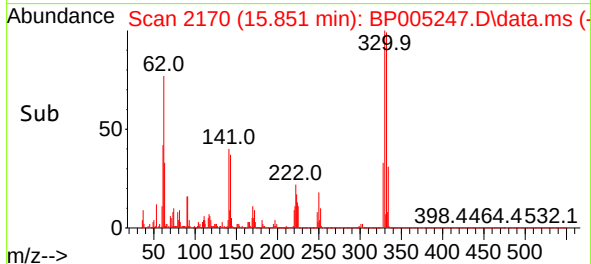
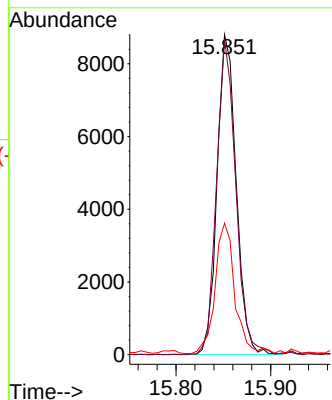
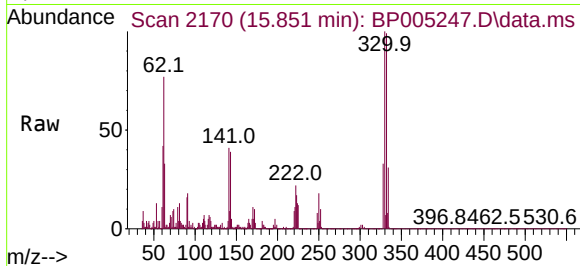




#42
2,4,6-Tribromophenol
Concen: 18.31 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

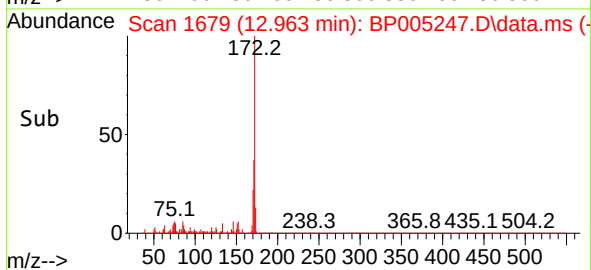
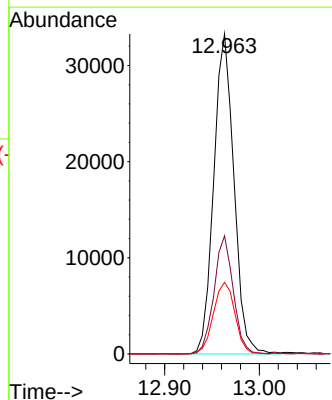
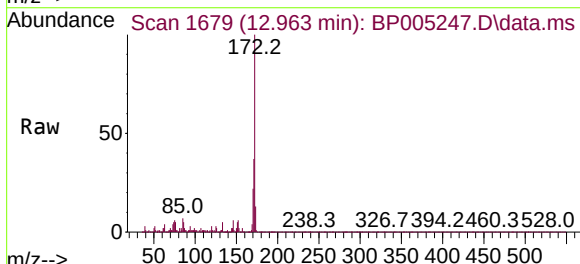
Instrument :
BNA_P
ClientSampleId :
JC-03-040721

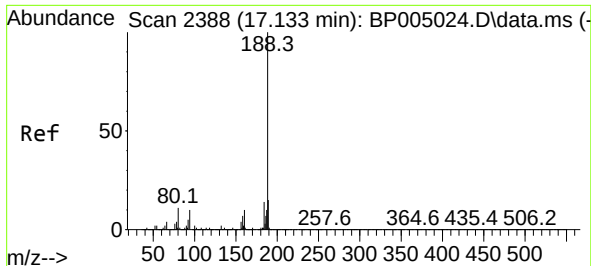
Tgt Ion:330 Resp: 12370
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 41.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 12.82 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:172 Resp: 49137
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 22.4 19.2 28.8

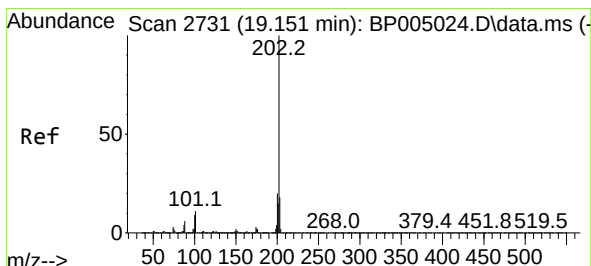
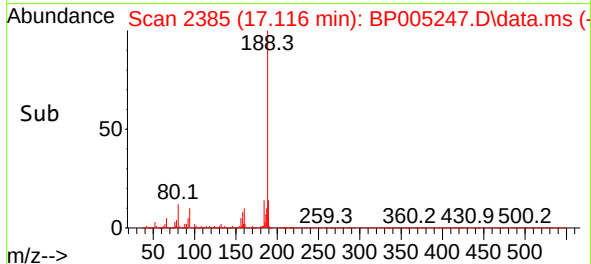
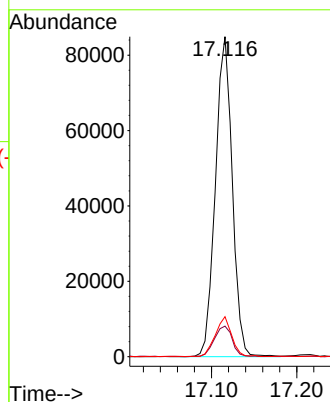
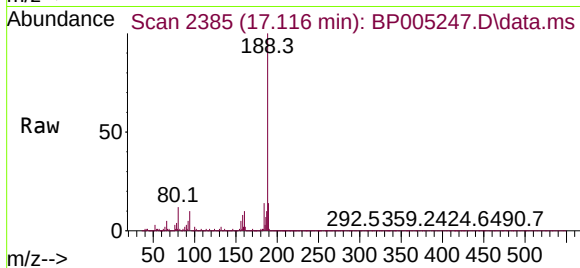




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

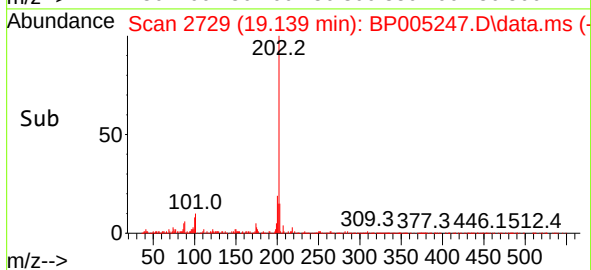
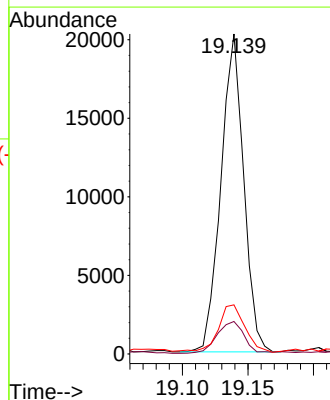
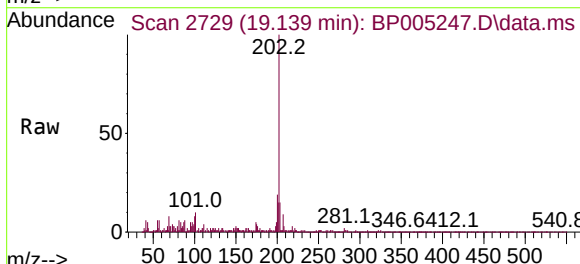
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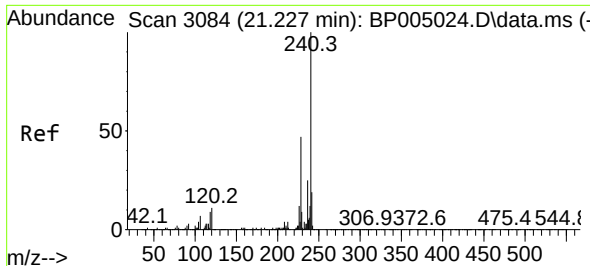
Tgt Ion:188 Resp: 116704
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 12.5 6.2 9.2#



#75
Fluoranthene
Concen: 3.06 ng
RT: 19.139 min Scan# 2729
Delta R.T. 0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:202 Resp: 24388
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.4
203 15.3 0.0 37.8

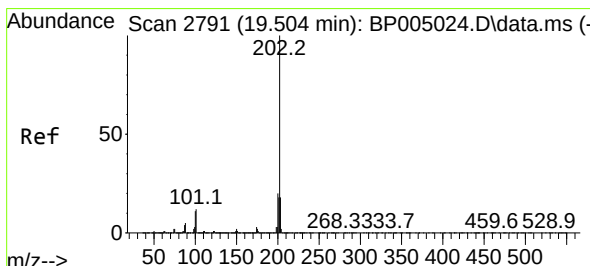
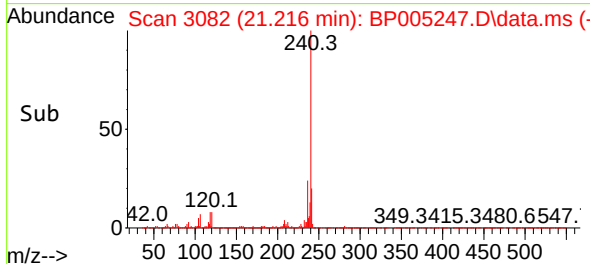
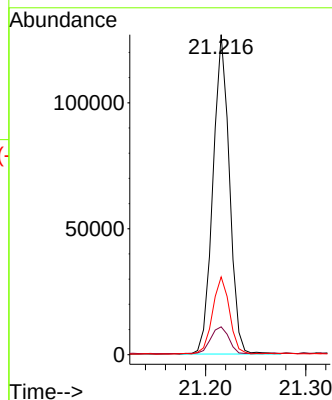
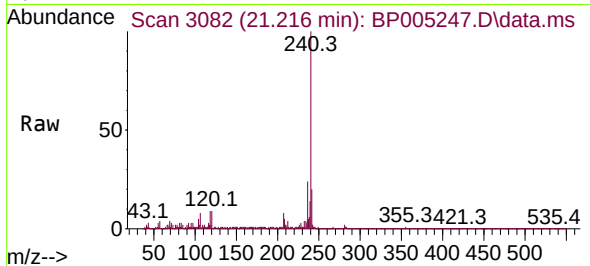




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

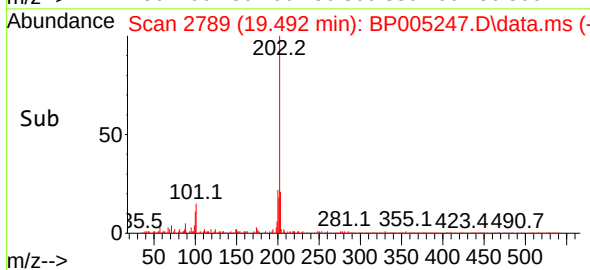
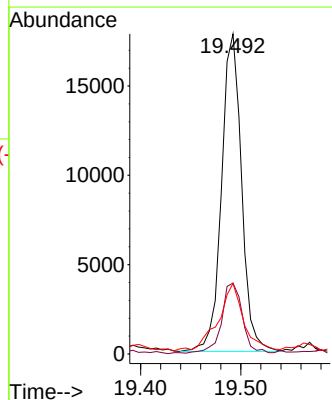
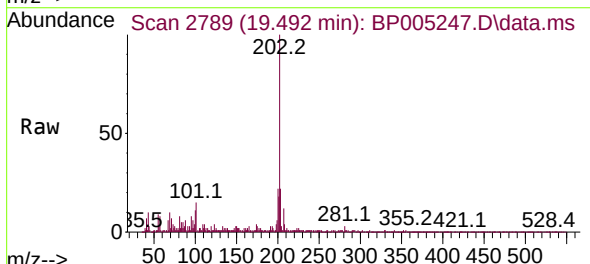
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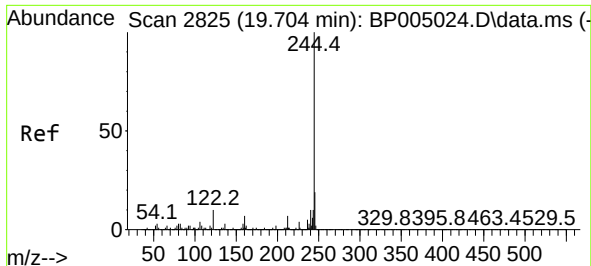
Tgt Ion:240 Resp: 145010
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 24.3 20.8 31.2



#78
Pyrene
Concen: 2.47 ng
RT: 19.492 min Scan# 2789
Delta R.T. 0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:202 Resp: 24567
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 22.1 14.2 21.2#

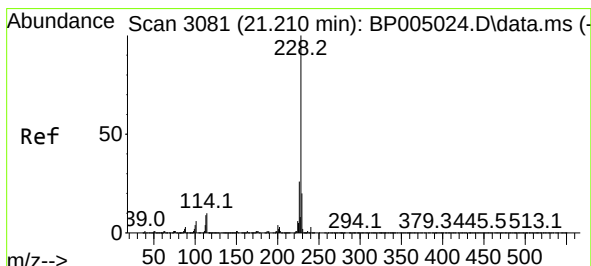
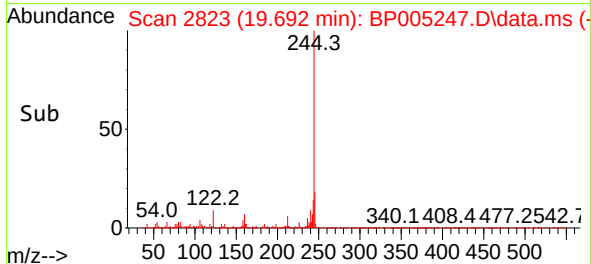
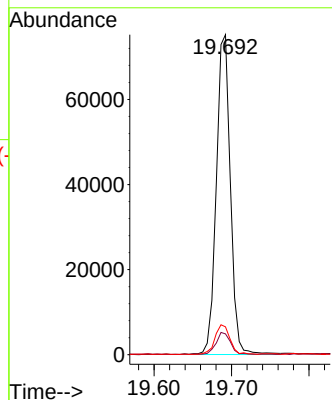
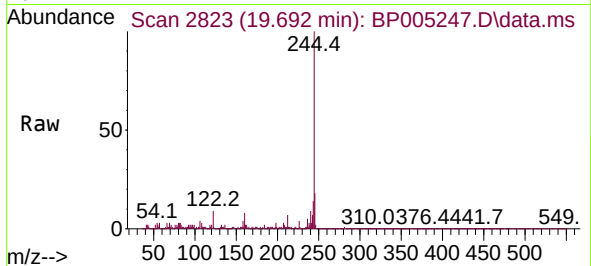




#79
 Terphenyl-d14
 Concen: 11.89 ng
 RT: 19.692 min Scan# 2823
 Delta R.T. 0.006 min
 Lab File: BP005247.D
 Acq: 08 Apr 2021 21:30

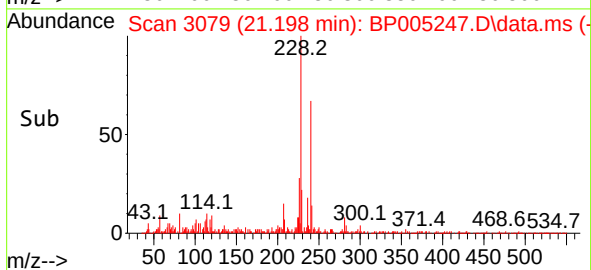
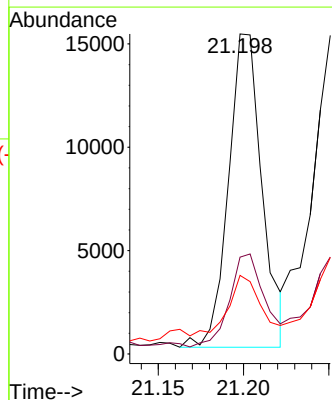
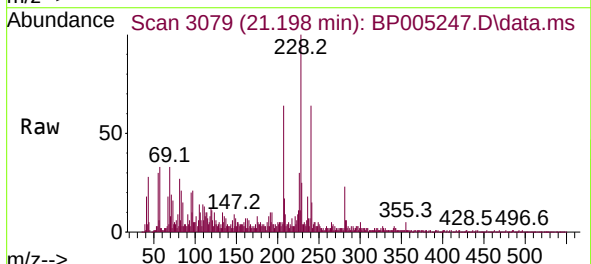
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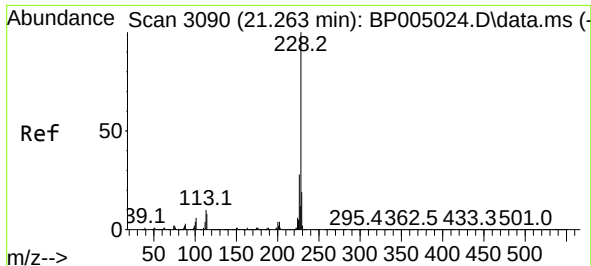
Tgt Ion:	244	Resp:	94696
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.6
122	8.7	7.8	11.8



#81
 Benzo(a)anthracene
 Concen: 2.11 ng
 RT: 21.198 min Scan# 3079
 Delta R.T. 0.000 min
 Lab File: BP005247.D
 Acq: 08 Apr 2021 21:30

Tgt Ion:	228	Resp:	20805
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.1	33.1
229	24.5	15.9	23.9

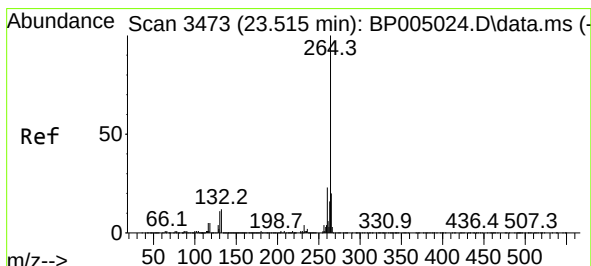
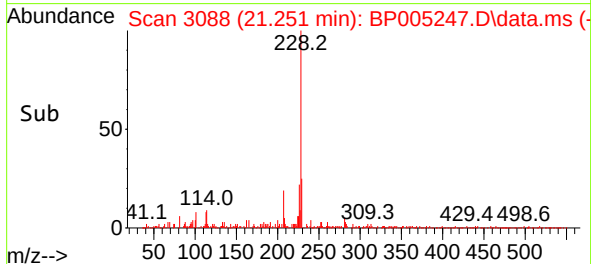
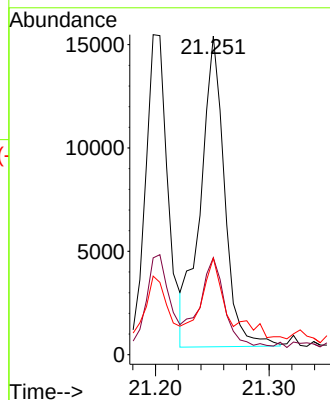
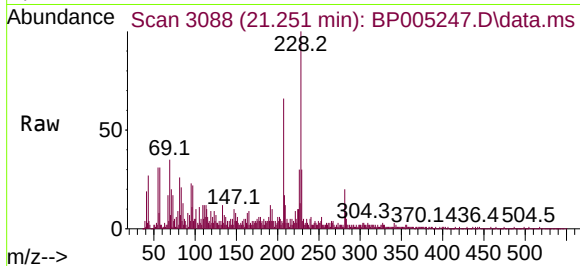




#83
Chrysene
Concen: 2.29 ng
RT: 21.251 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

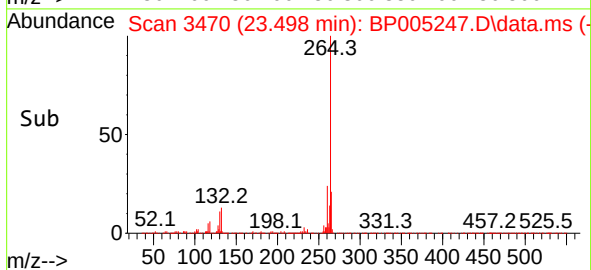
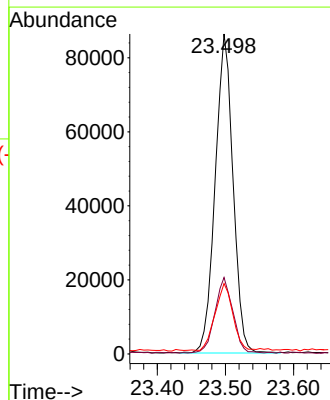
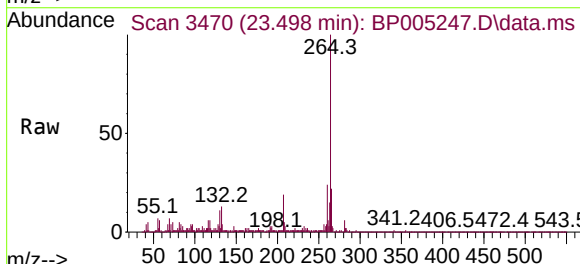
Instrument :
BNA_P
ClientSampleId :
JC-03-040721

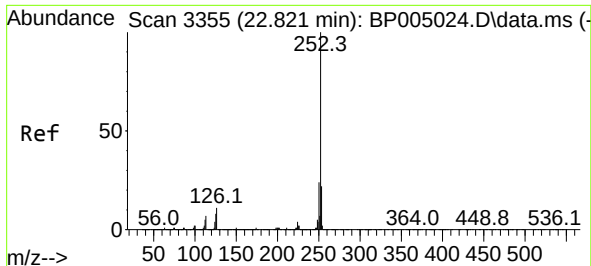
Tgt Ion:	228	Resp:	22134
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	30.3	15.8	23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.006 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:	264	Resp:	157155
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.8	28.2
265	22.0	17.4	26.2

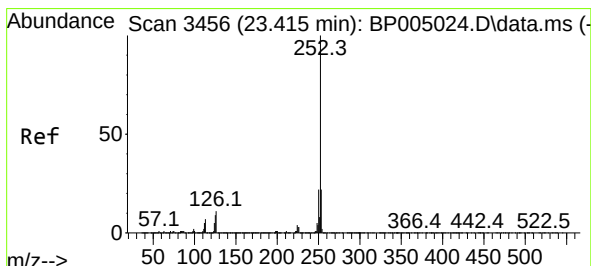
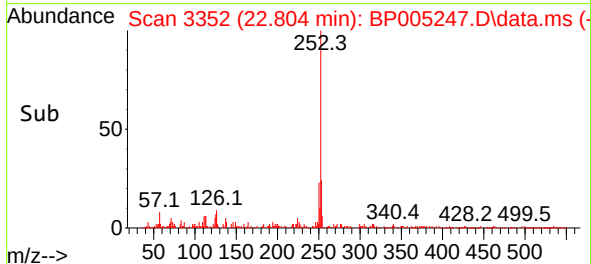
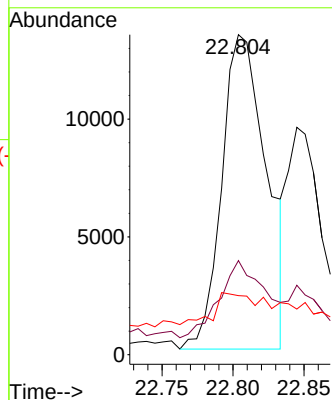
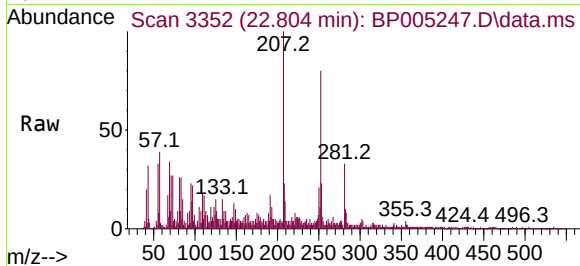




#88
Benzo(b)fluoranthene
Concen: 2.61 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Instrument :
BNA_P
ClientSampleId :
JC-03-040721

Tgt Ion:252 Resp: 29103
Ion Ratio Lower Upper
252 100
253 29.4 17.6 26.4#
125 18.5 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.11 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BP005247.D
Acq: 08 Apr 2021 21:30

Tgt Ion:252 Resp: 21075
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.0#
125 17.5 8.2 12.4#

