

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004522.D
 Acq On : 13 Jan 2021 01:01
 Operator : CG/JU
 Sample : M1055-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SA-01-010821

Quant Time: Jan 13 03:14:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

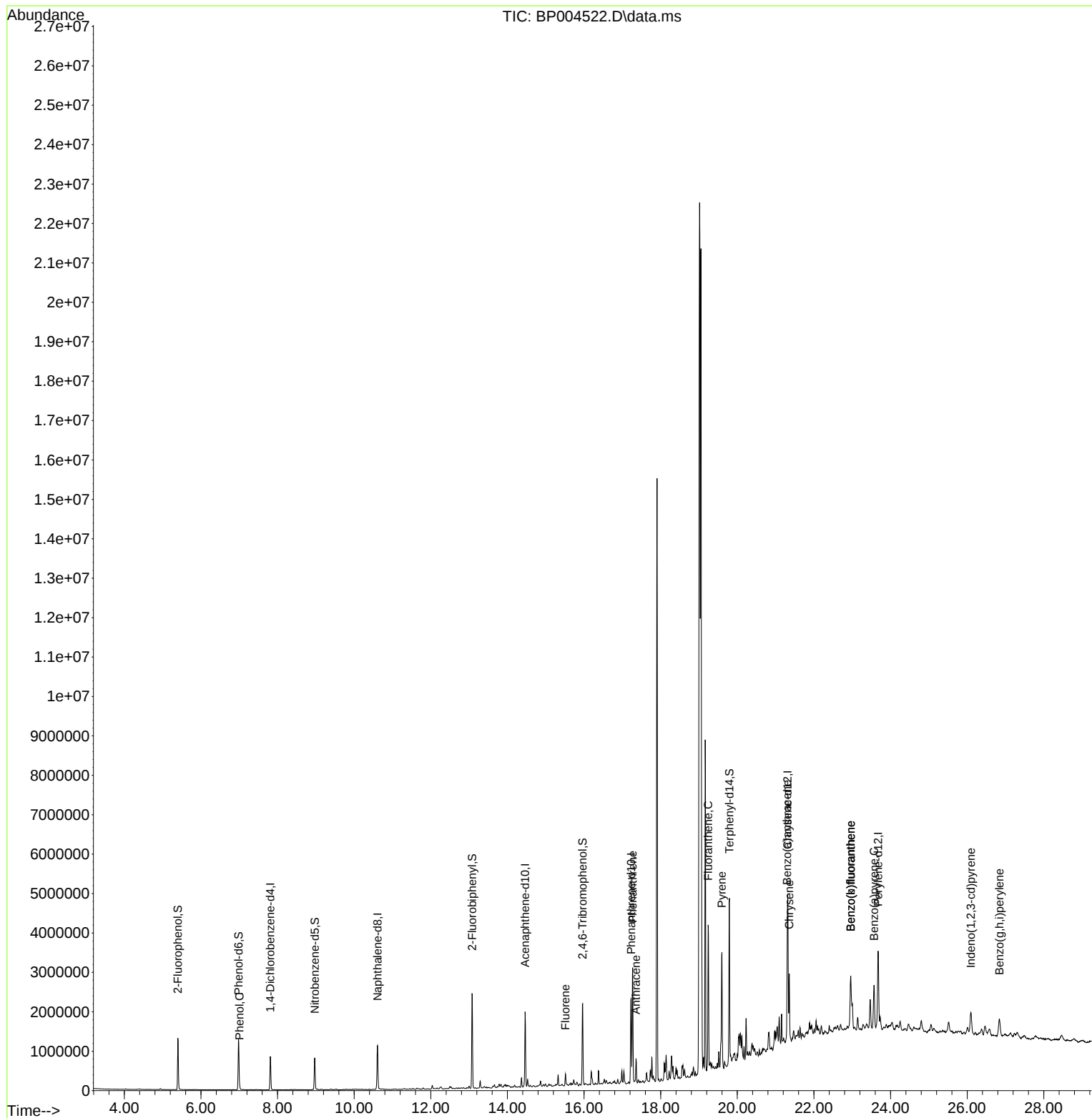
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	259051	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	1029419	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	665602	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1454814	20.00	ng	0.00
76) Chrysene-d12	21.316	240	1521424	20.00	ng	0.00
86) Perylene-d12	23.674	264	1655876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	660947	44.47	ng	0.00
7) Phenol-d6	6.981	99	851644	41.84	ng	0.00
23) Nitrobenzene-d5	8.969	82	480133	26.37	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	501980	43.38	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1355595	26.48	ng	0.00
79) Terphenyl-d14	19.792	244	1999378	24.01	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.981	77	2028	Below Cal	#	13
10) Phenol	7.010	94	43329	2.22 ng		94
32) Benzoic acid	9.904	122	158	Below Cal	#	63
41) Hexachlorocyclopentadiene	12.798	237	28	Below Cal		77
54) 2,4-Dinitrophenol	14.592	184	190	Below Cal	#	1
58) Fluorene	15.516	166	127429	2.46 ng		96
71) Phenanthrene	17.269	178	1870173	22.42 ng		100
72) Anthracene	17.357	178	409162	5.06 ng		99
75) Fluoranthene	19.239	202	2166762	21.35 ng		99
78) Pyrene	19.598	202	1893344	18.29 ng		99
81) Benzo(a)anthracene	21.304	228	1164251	11.25 ng		99
83) Chrysene	21.357	228	1016341	10.32 ng		98
87) Indeno(1,2,3-cd)pyrene	26.098	276	584190	4.57 ng	#	92
88) Benzo(b)fluoranthene	22.963	252	1272993	11.88 ng		97
89) Benzo(k)fluoranthene	22.963	252	1272993	12.45 ng		97
90) Benzo(a)pyrene	23.568	252	854155	8.54 ng		97
92) Benzo(g,h,i)perylene	26.845	276	559749	5.39 ng	#	94

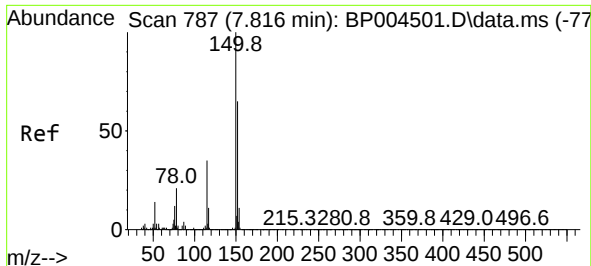
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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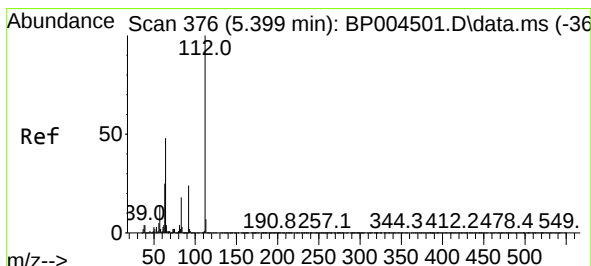
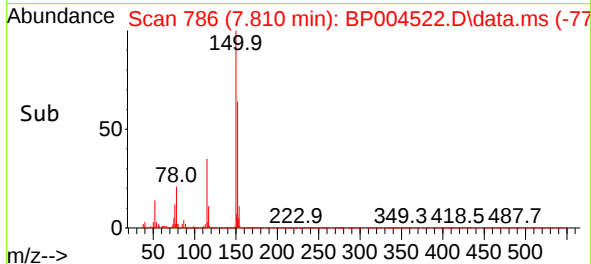
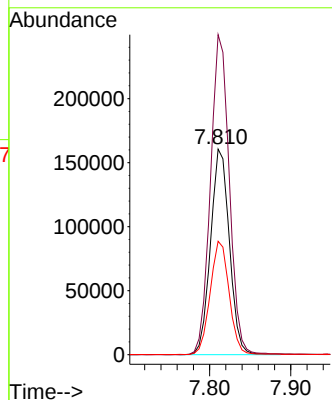
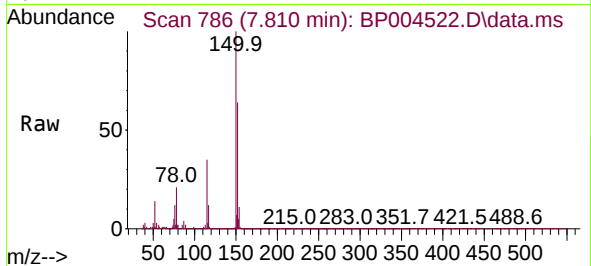




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

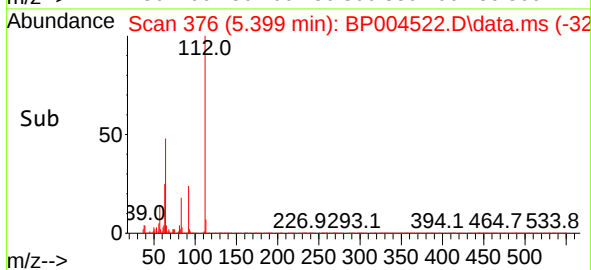
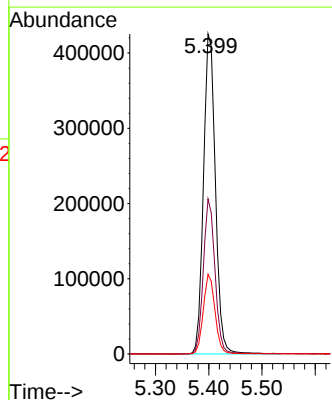
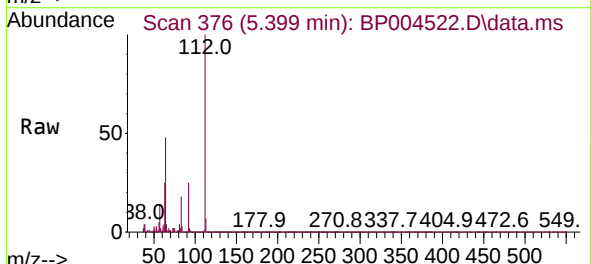
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

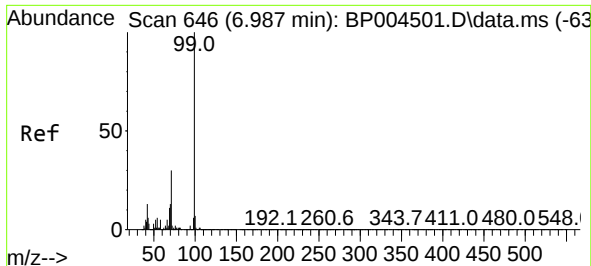
Tgt Ion:152 Resp: 259051
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 55.2 43.8 65.6



#5
2-Fluorophenol
Concen: 44.47 ng
RT: 5.399 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:112 Resp: 660947
Ion Ratio Lower Upper
112 100
64 48.4 32.8 49.2
63 24.9 17.0 25.4

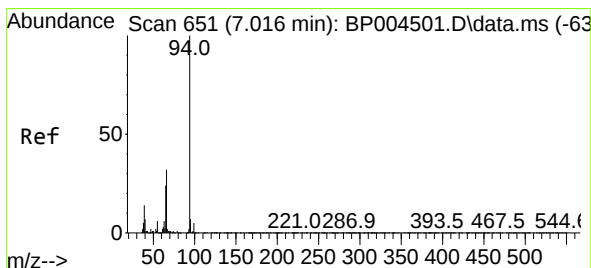
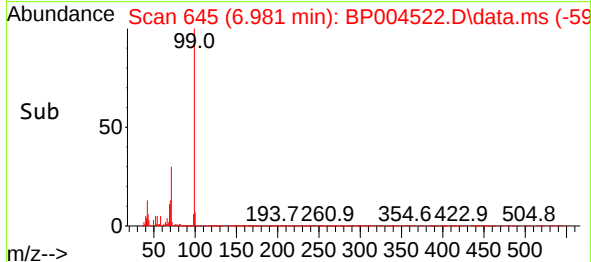
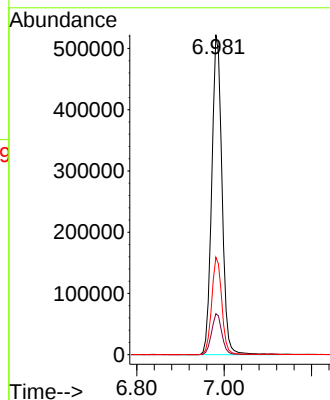
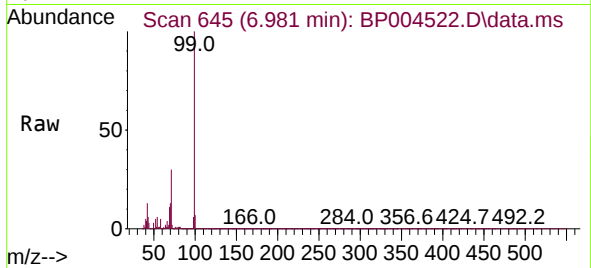




#7
Phenol-d6
Concen: 41.84 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

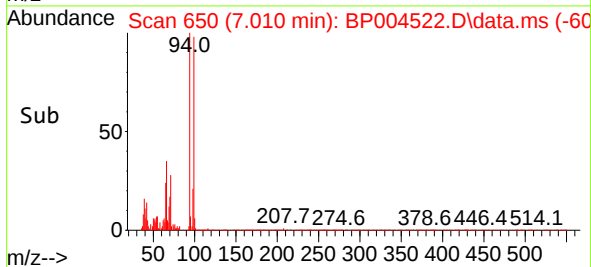
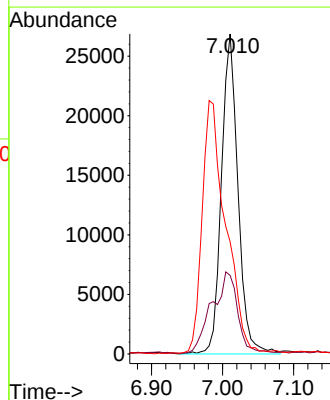
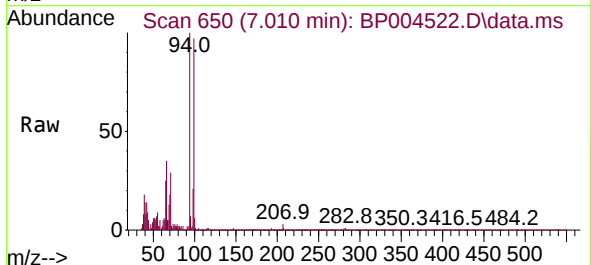
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

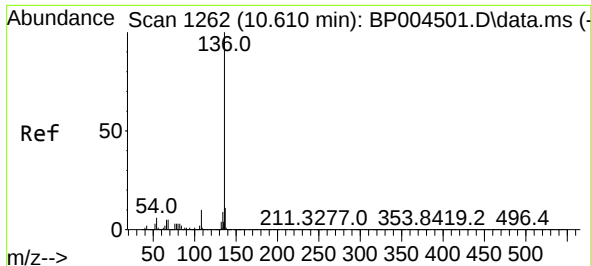
Tgt Ion: 99 Resp: 851644
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 30.5 23.4 35.2



#10
Phenol
Concen: 2.22 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion: 94 Resp: 43329
Ion Ratio Lower Upper
94 100
65 24.6 2.3 42.3
66 35.1 10.9 50.9



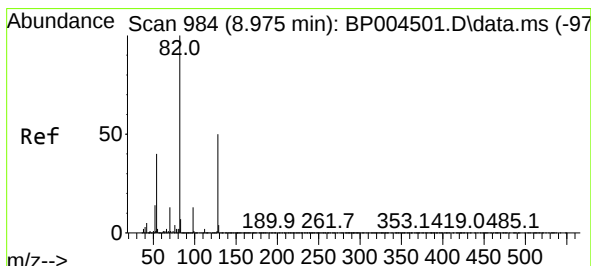
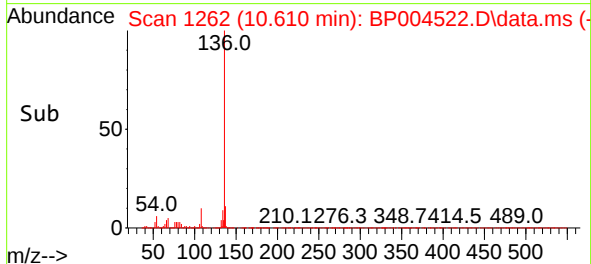
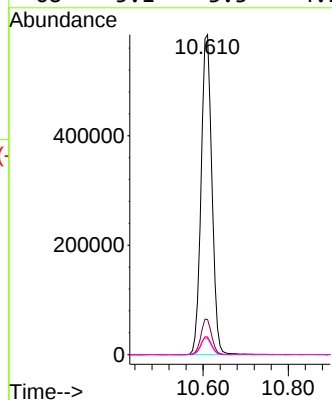
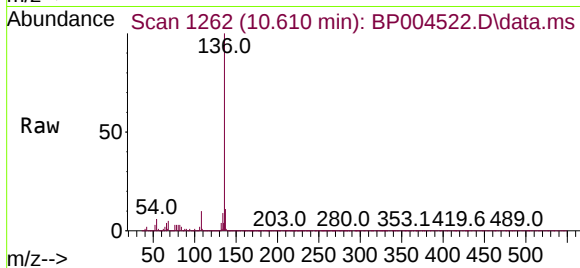


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Instrument :
BNA_P
ClientSampleId :
SA-01-010821

Tgt Ion:136 Resp: 1029419

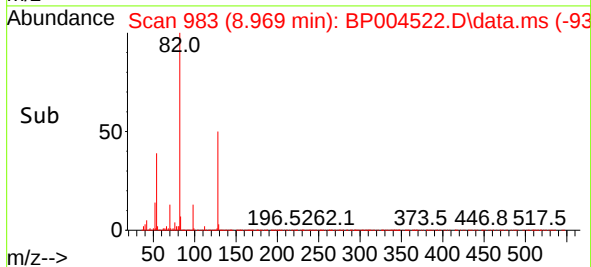
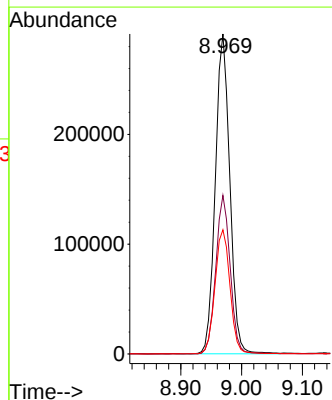
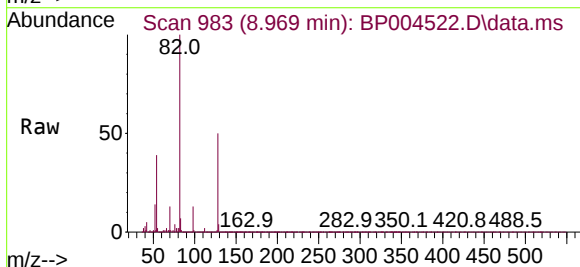
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.6	3.6	5.4#
68	5.1	3.3	4.9#

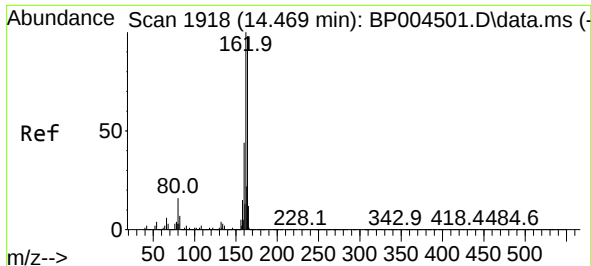


#23
Nitrobenzene-d5
Concen: 26.37 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion: 82 Resp: 480133

Ion	Ratio	Lower	Upper
82	100		
128	49.6	45.6	68.4
54	38.8	30.1	45.1

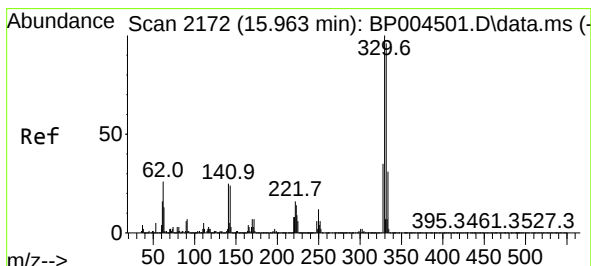
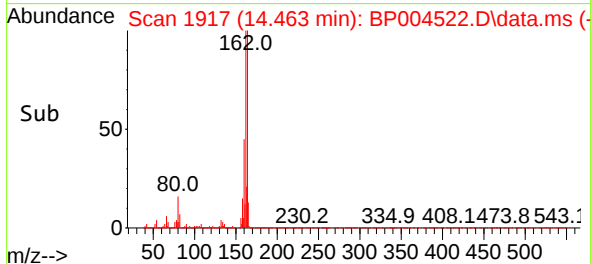
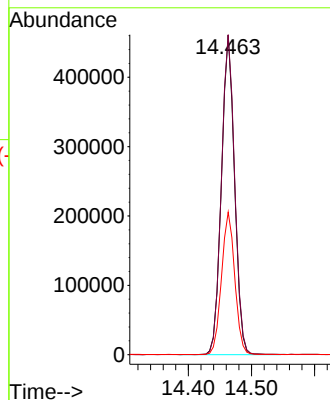
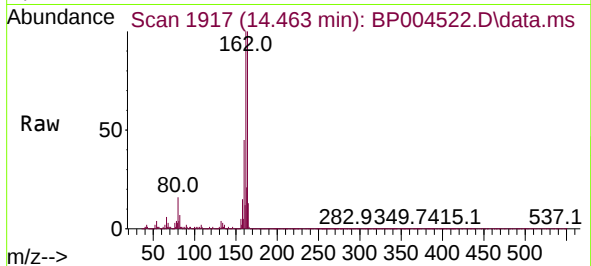




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

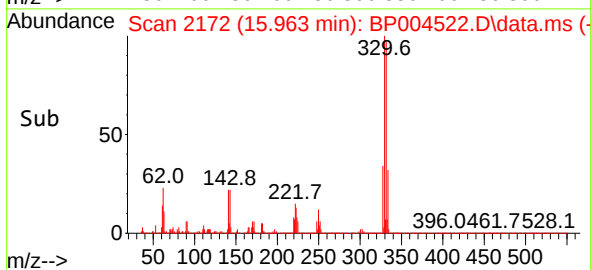
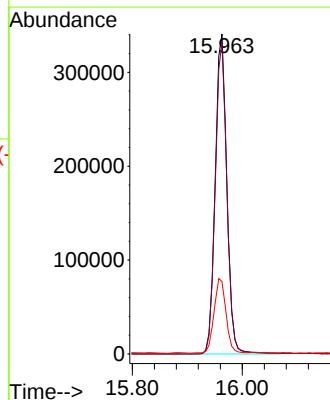
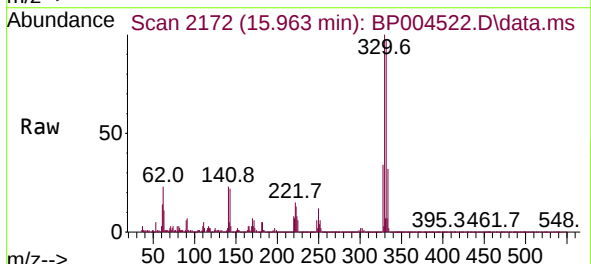
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

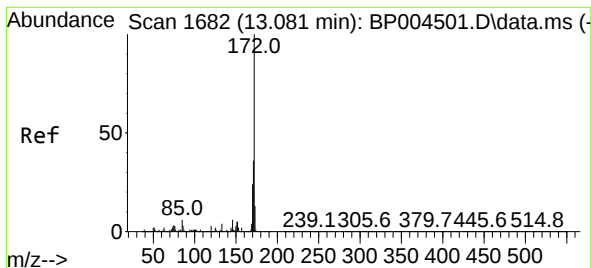
Tgt Ion:164 Resp: 665602
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 44.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 43.38 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:330 Resp: 501980
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 23.8 23.4 35.2

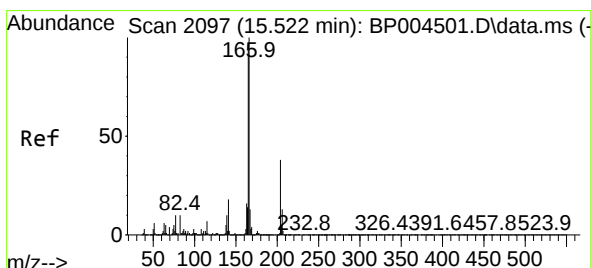
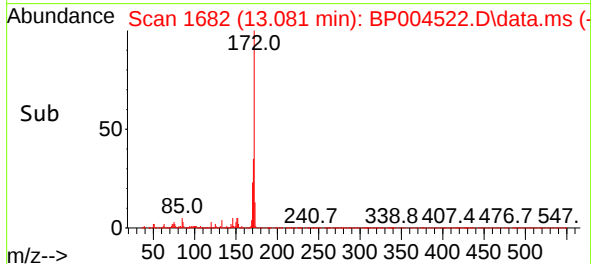
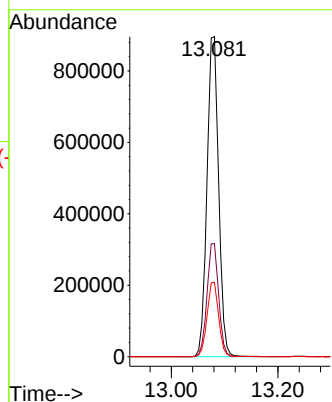
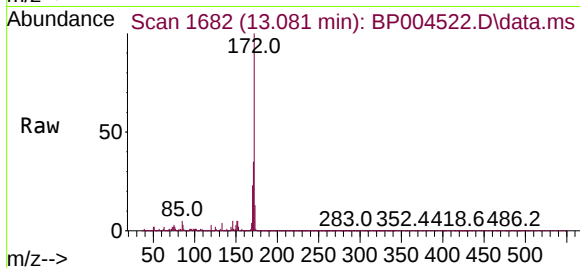




#45
2-Fluorobiphenyl
Concen: 26.48 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

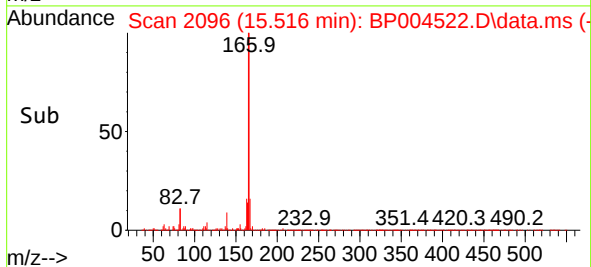
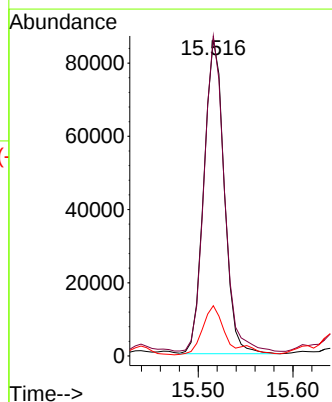
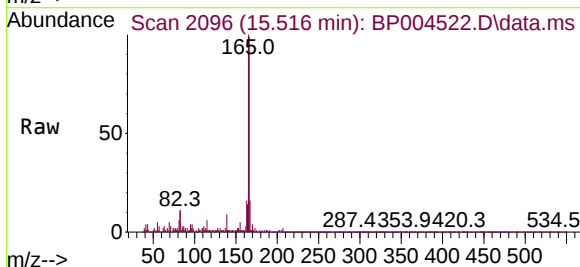
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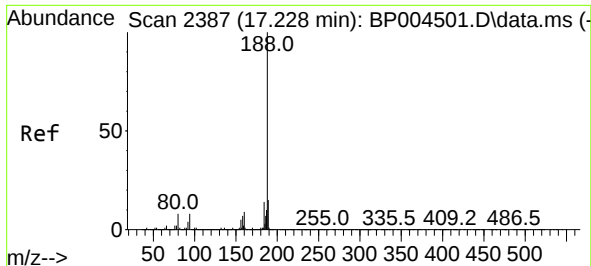
Tgt Ion:172 Resp: 1355595
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 19.2 28.8



#58
Fluorene
Concen: 2.46 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:166 Resp: 127429
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.8
167 15.8 11.0 16.4

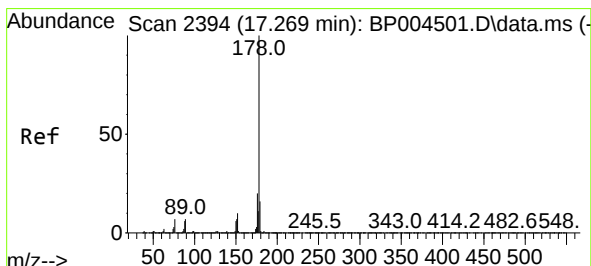
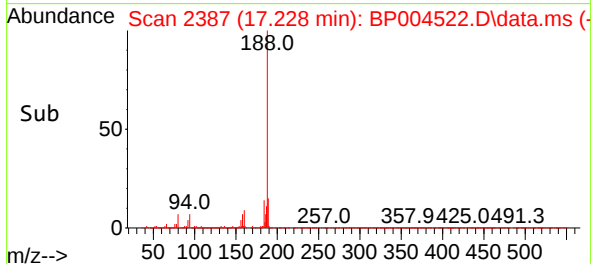
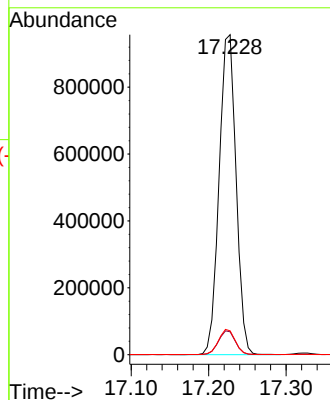
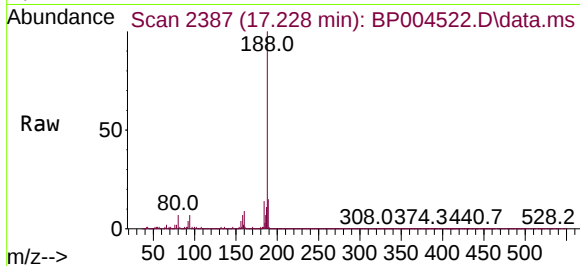




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

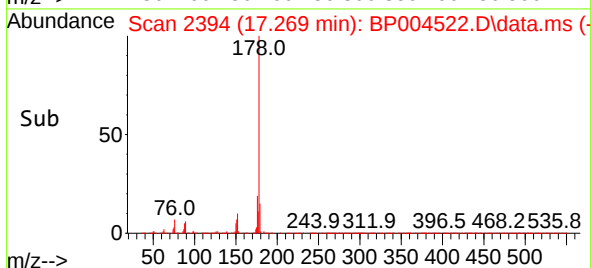
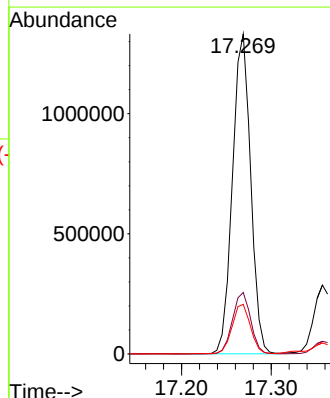
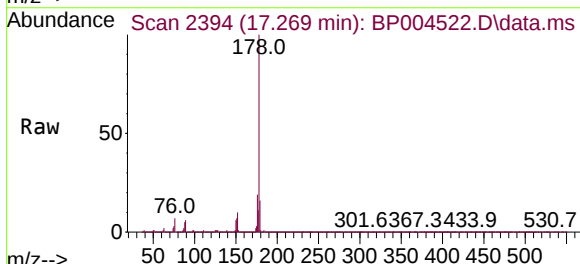
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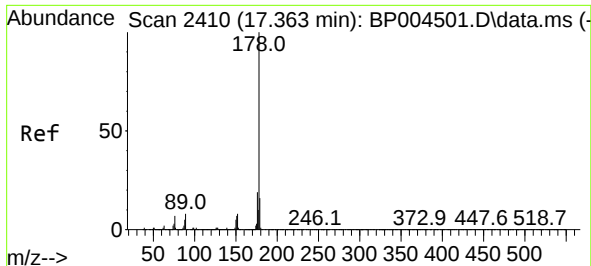
Tgt Ion:188 Resp: 1454814
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 7.4 6.2 9.2



#71
Phenanthrene
Concen: 22.42 ng
RT: 17.269 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:178 Resp: 1870173
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7

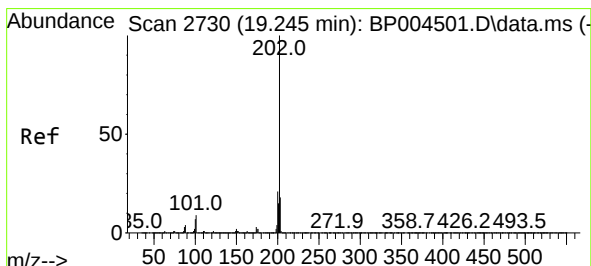
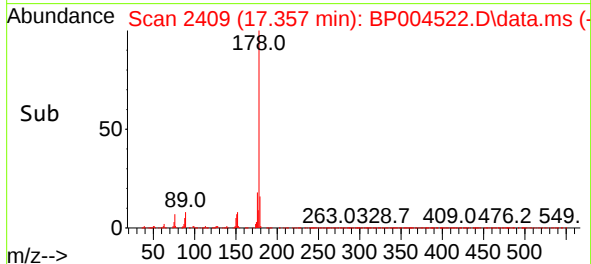
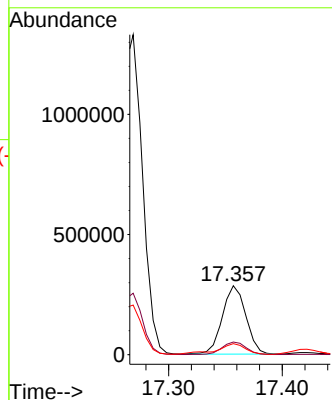
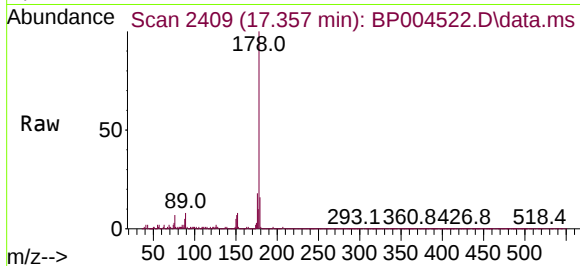




#72
 Anthracene
 Concen: 5.06 ng
 RT: 17.357 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

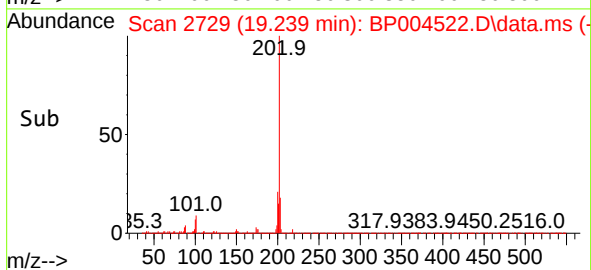
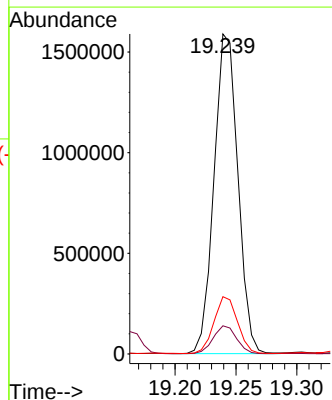
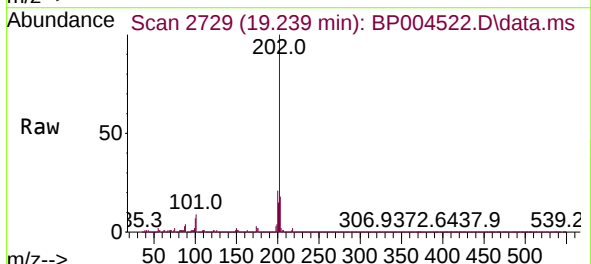
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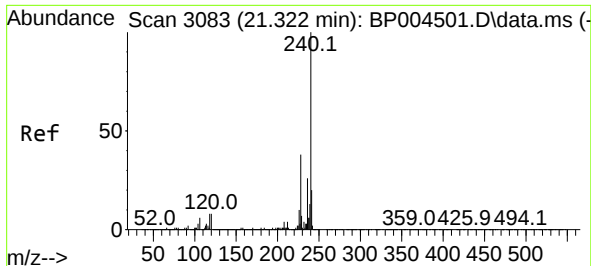
Tgt Ion:178 Resp: 409162
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 16.0 12.5 18.7



#75
 Fluoranthene
 Concen: 21.35 ng
 RT: 19.239 min Scan# 2729
 Delta R.T. -0.006 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

Tgt Ion:202 Resp: 2166762
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 29.4
 203 17.9 0.0 37.8

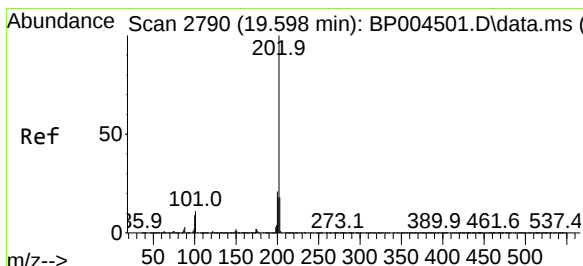
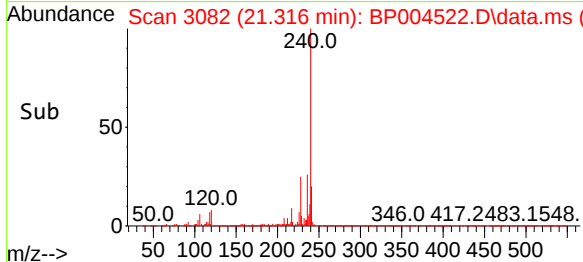
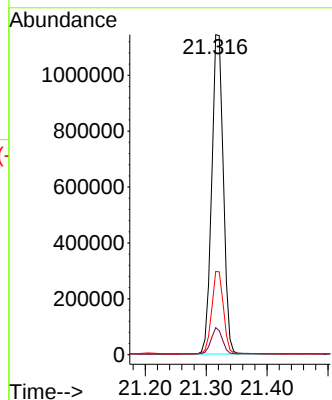
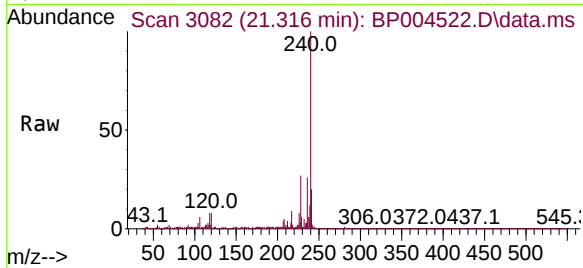




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

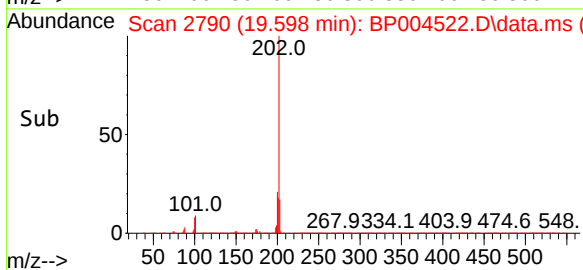
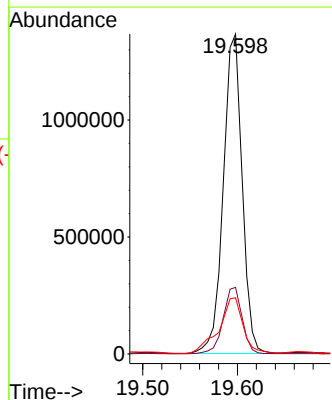
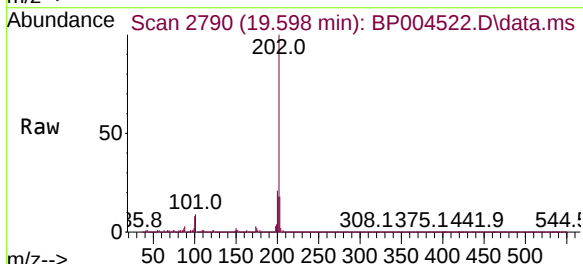
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

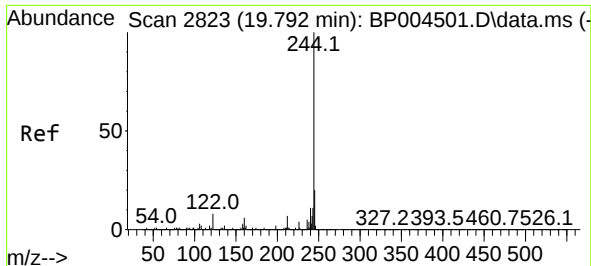
Tgt Ion:240 Resp: 1521424
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 18.29 ng
RT: 19.598 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:202 Resp: 1893344
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.5 14.2 21.2

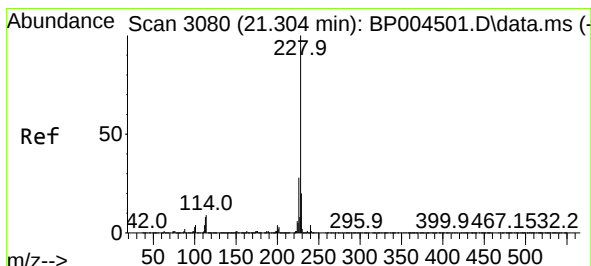
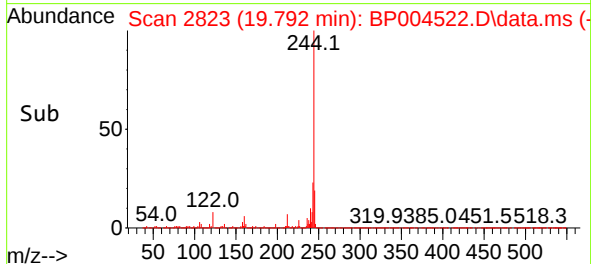
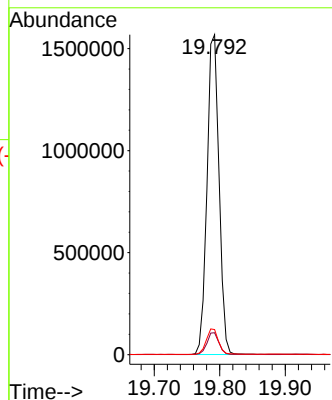
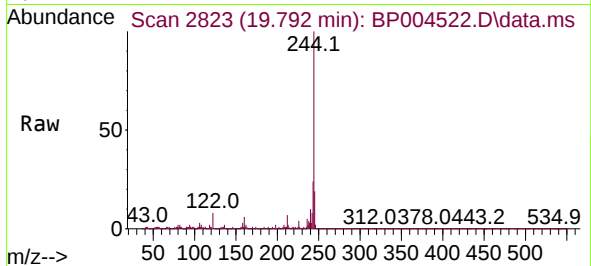




#79
 Terphenyl-d14
 Concen: 24.01 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. -0.000 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

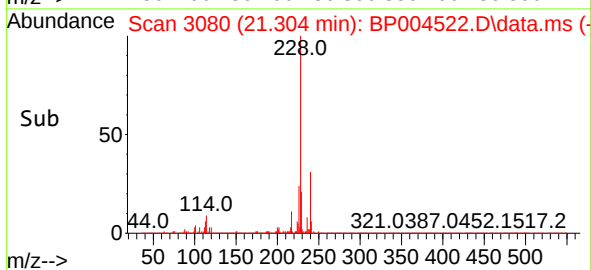
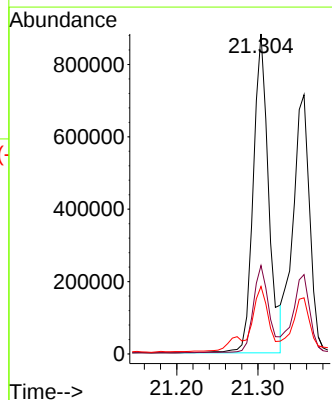
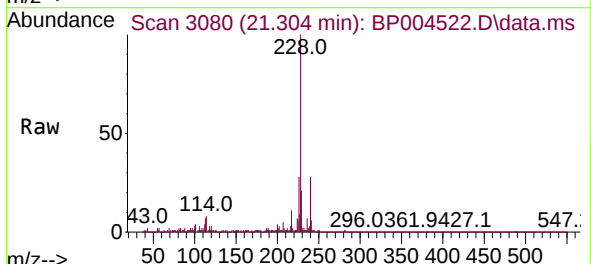
Instrument :
 BNA_P
 ClientSampleId :
 SA-01-010821

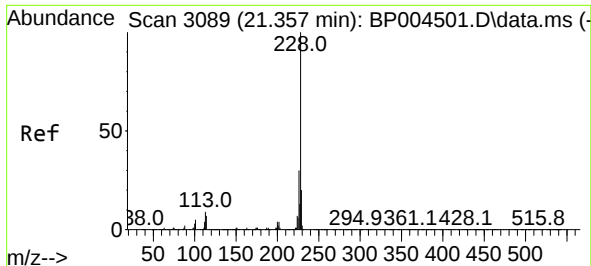
Tgt Ion:244 Resp: 1999378
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 7.8 7.8 11.8#



#81
 Benzo(a)anthracene
 Concen: 11.25 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. -0.000 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

Tgt Ion:228 Resp: 1164251
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.1 33.1
 229 21.1 15.9 23.9

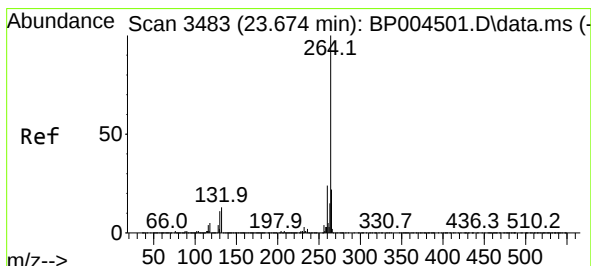
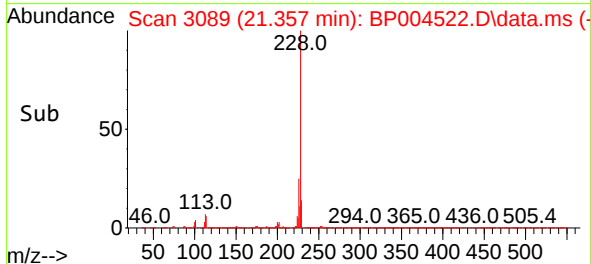
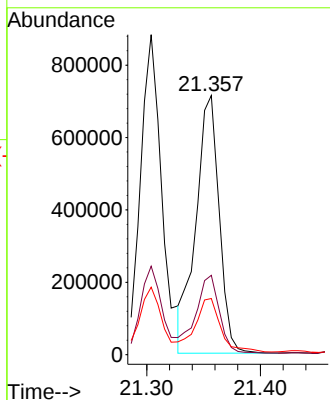
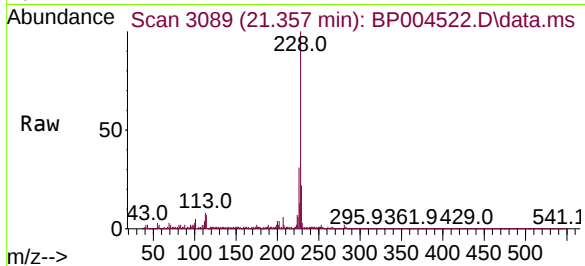




#83
Chrysene
Concen: 10.32 ng
RT: 21.357 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

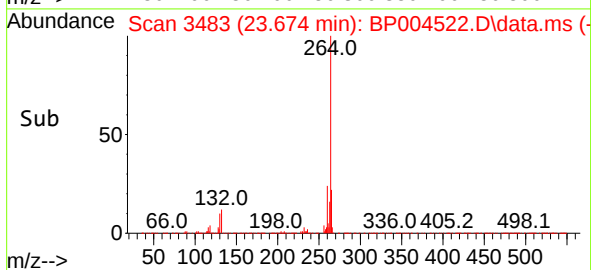
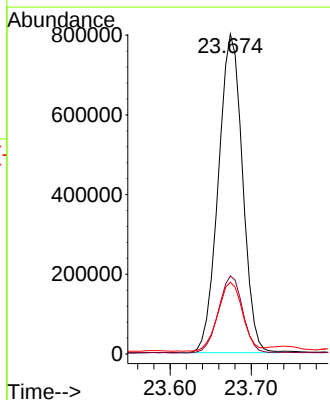
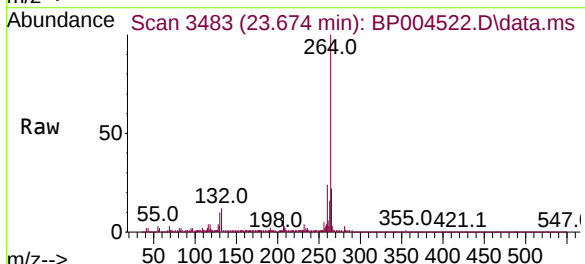
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

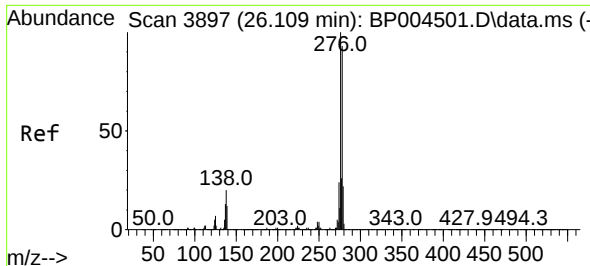
Tgt Ion:228 Resp: 1016341
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 21.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Tgt Ion:264 Resp: 1655876
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.5 17.4 26.2

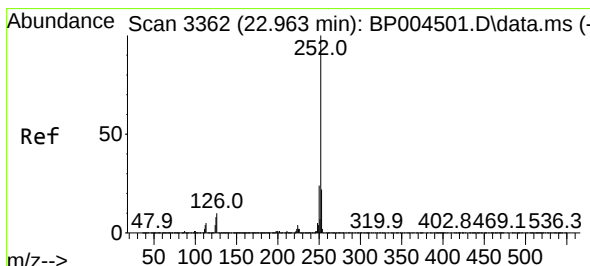
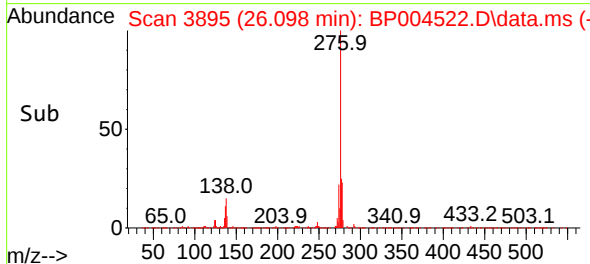
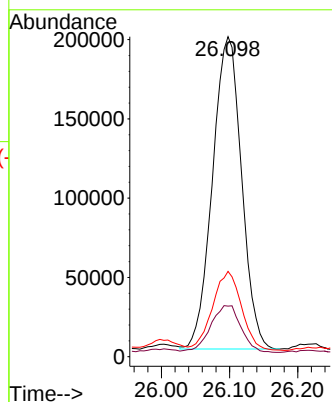
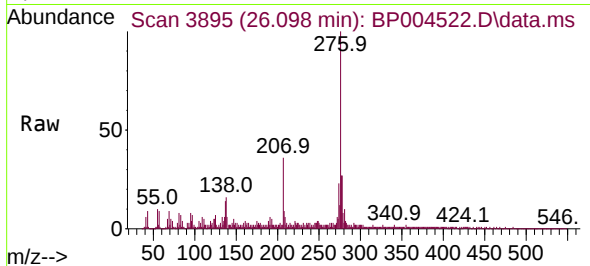




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.57 ng
 RT: 26.098 min Scan# 3895
 Delta R.T. -0.012 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

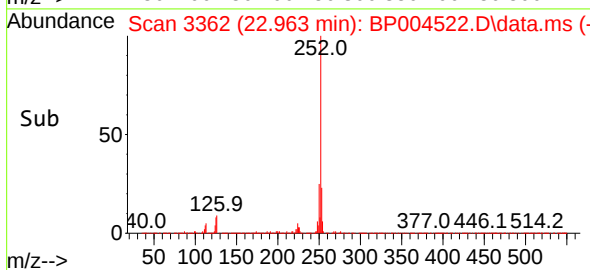
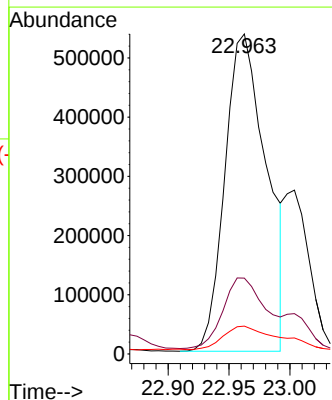
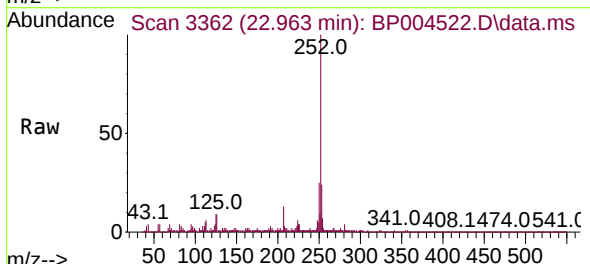
Instrument :
 BNA_P
 ClientSampleId :
 SA-01-010821

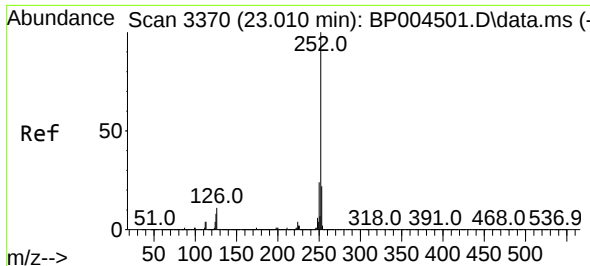
Tgt Ion:276 Resp: 584190
 Ion Ratio Lower Upper
 276 100
 138 15.8 18.7 28.1#
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 11.88 ng
 RT: 22.963 min Scan# 3362
 Delta R.T. -0.000 min
 Lab File: BP004522.D
 Acq: 13 Jan 2021 01:01

Tgt Ion:252 Resp: 1272993
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.6 26.4
 125 8.7 7.3 10.9

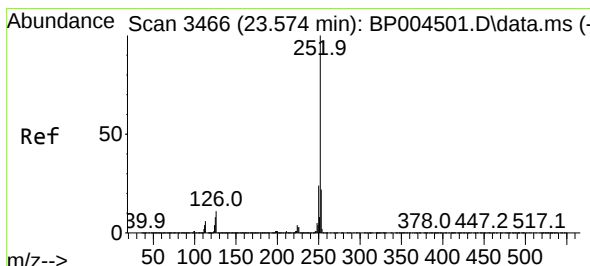
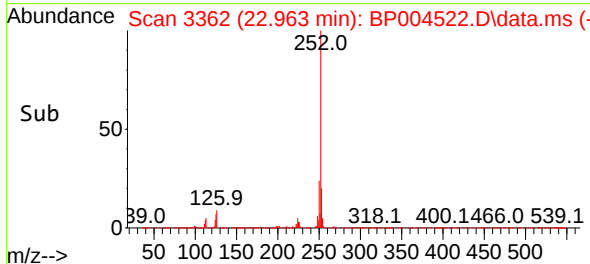
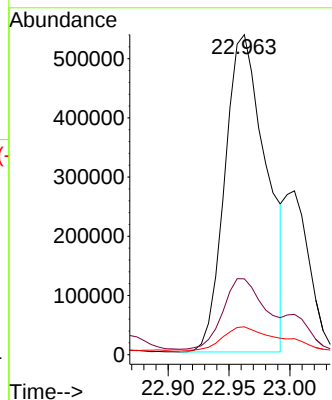
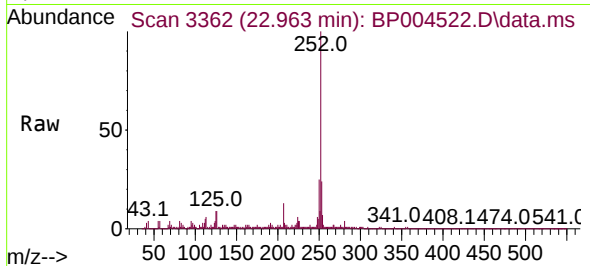




#89
Benzo(k)fluoranthene
Concen: 12.45 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

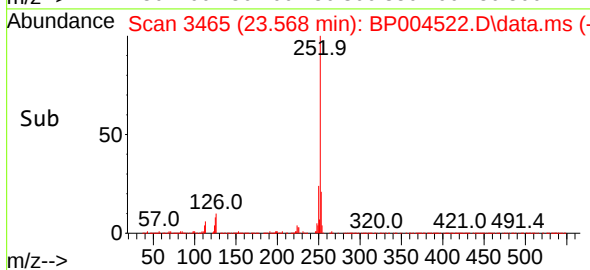
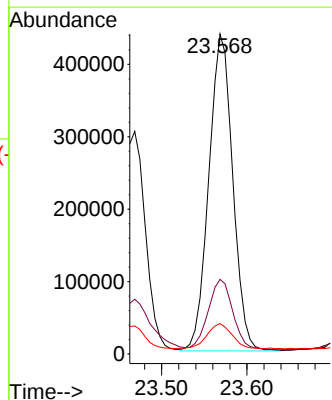
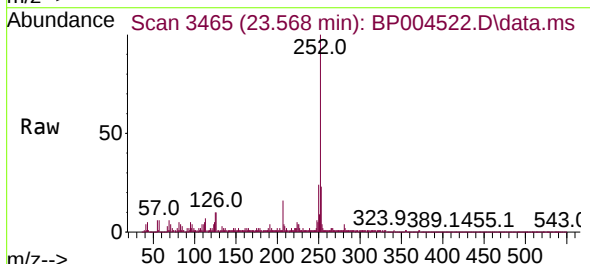
Instrument :
BNA_P
ClientSampleId :
SA-01-010821

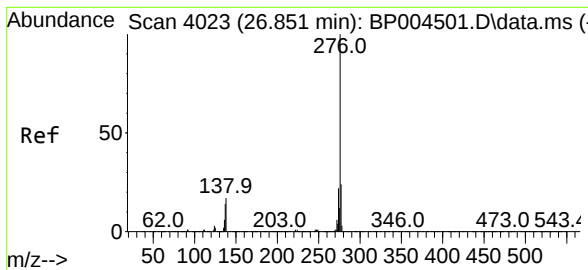
Tgt Ion:252 Resp: 1272993
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 8.54 ng
RT: 23.568 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

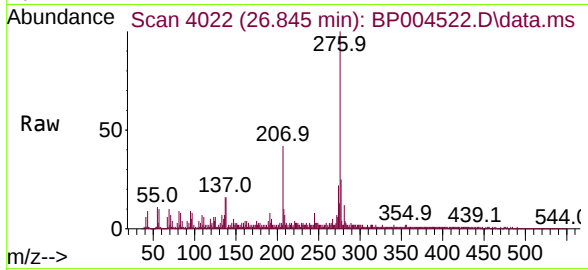
Tgt Ion:252 Resp: 854155
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.5 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 5.39 ng
RT: 26.845 min Scan# 4022
Delta R.T. -0.006 min
Lab File: BP004522.D
Acq: 13 Jan 2021 01:01

Instrument :
BNA_P
ClientSampleId :
SA-01-010821



Tgt Ion: 276 Resp: 559749
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.6
138 15.6 16.6 24.8#

