

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
 Data File : BP008919.D
 Acq On : 25 Jan 2022 21:35
 Operator : CG/JU
 Sample : N1248-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C1-C2

Quant Time: Jan 26 02:00:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

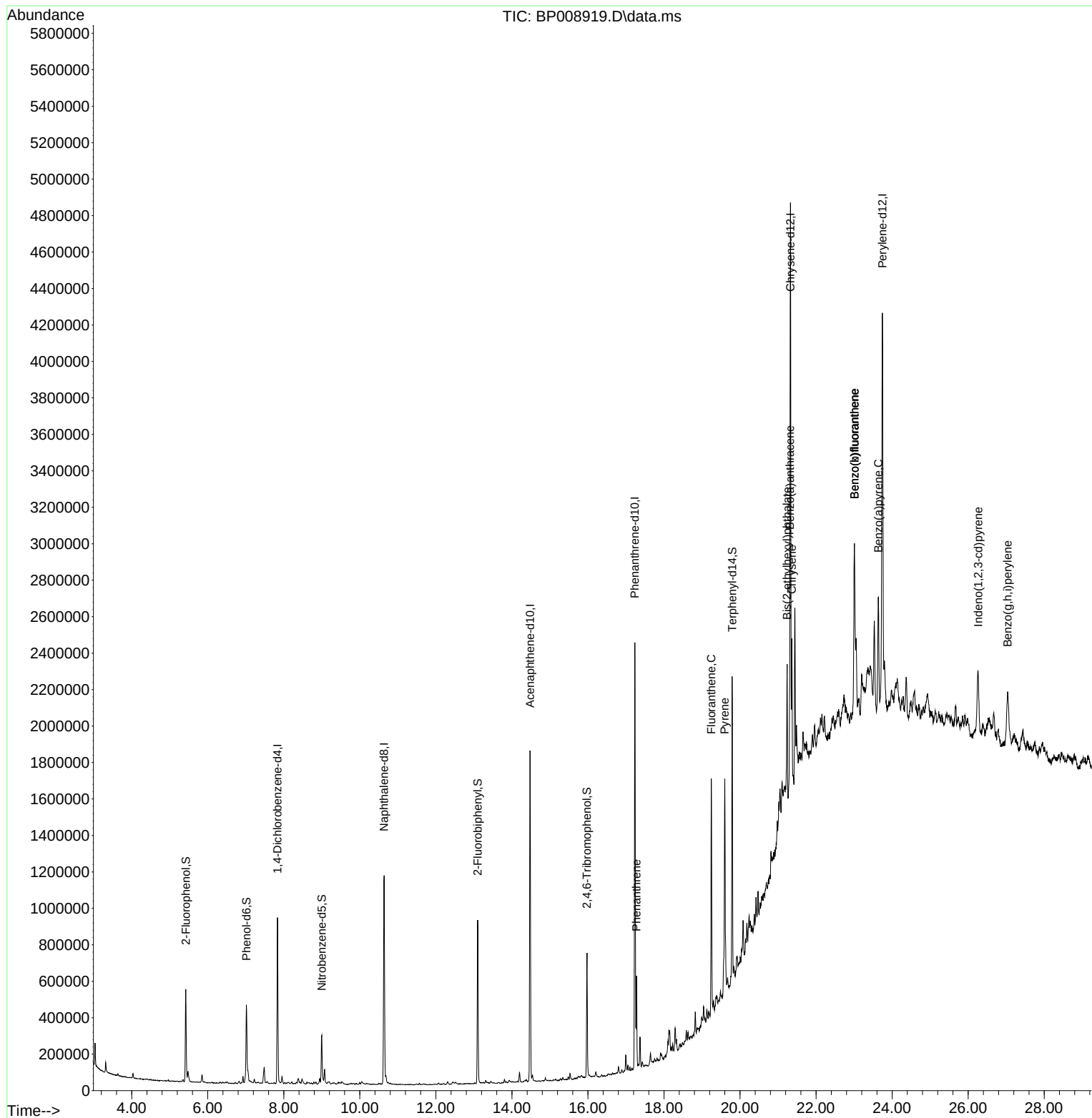
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	274821	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	1048716	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	687608	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1473569	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1483151	20.000	ng	0.00
86) Perylene-d12	23.745	264	1619005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	260711	14.670	ng	0.00
7) Phenol-d6	7.016	99	312451	14.519	ng	0.00
23) Nitrobenzene-d5	8.999	82	188812	10.222	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	148295	14.816	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	519643	9.966	ng	0.00
79) Terphenyl-d14	19.792	244	800041	9.105	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.275	178	313994	3.785	ng	99
75) Fluoranthene	19.245	202	770938	8.356	ng	97
78) Pyrene	19.598	202	750884	7.256	ng	98
81) Benzo(a)anthracene	21.310	228	440918	4.419	ng	99
83) Chrysene	21.363	228	487203	5.037	ng	97
84) Bis(2-ethylhexyl)phtha...	21.239	149	240518	3.732	ng	97
87) Indeno(1,2,3-cd)pyrene	26.262	276	360242	2.700	ng	95
88) Benzo(b)fluoranthene	23.010	252	749434	6.931	ng	# 93
89) Benzo(k)fluoranthene	23.010	252	749434	7.161	ng	# 94
90) Benzo(a)pyrene	23.639	252	460281	4.410	ng	# 95
92) Benzo(g,h,i)perylene	27.039	276	378111	3.414	ng	97

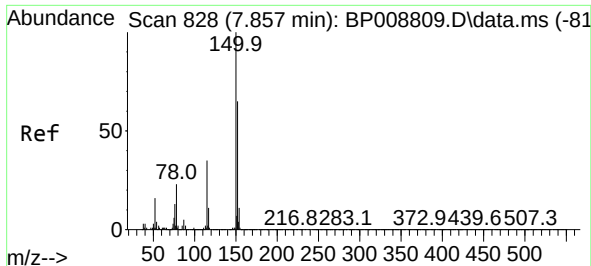
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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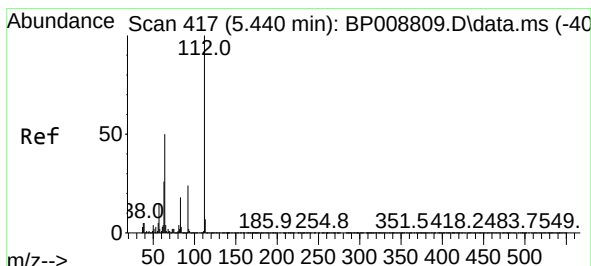
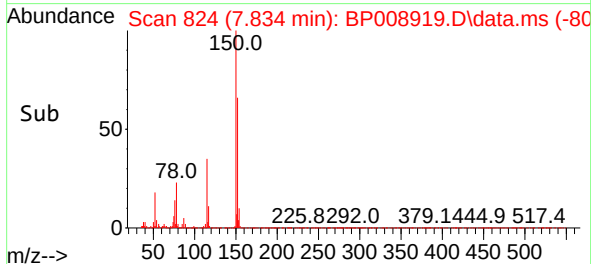
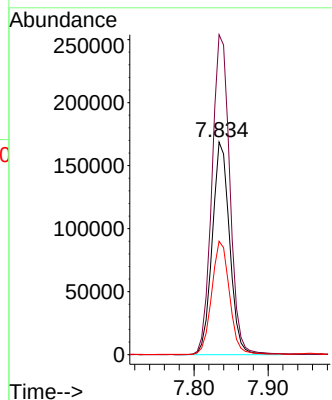
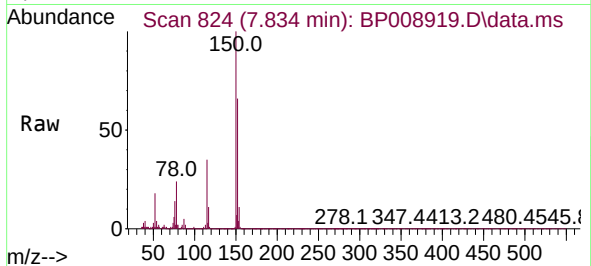




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

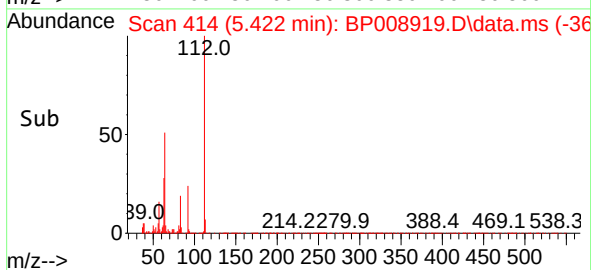
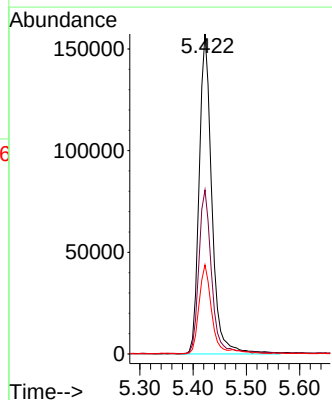
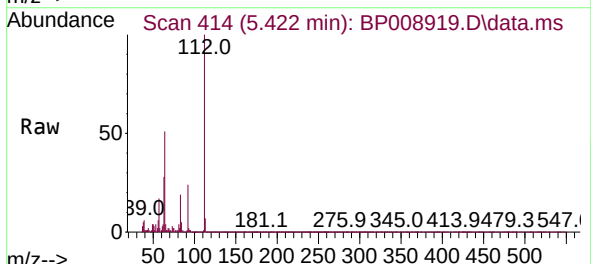
Instrument :
BNA_P
ClientSampleId :
C1-C2

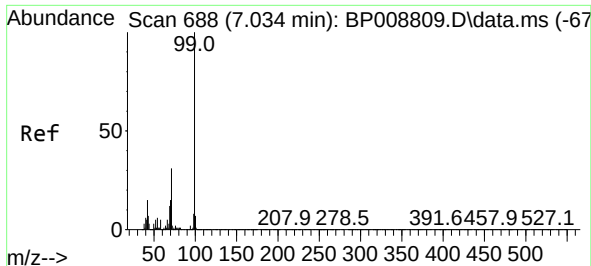
Tgt Ion:152 Resp: 274821
Ion Ratio Lower Upper
152 100
150 150.4 127.0 190.6
115 53.4 43.7 65.5



#5
2-Fluorophenol
Concen: 14.670 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:112 Resp: 260711
Ion Ratio Lower Upper
112 100
64 51.3 39.7 59.5
63 27.9 20.0 30.0

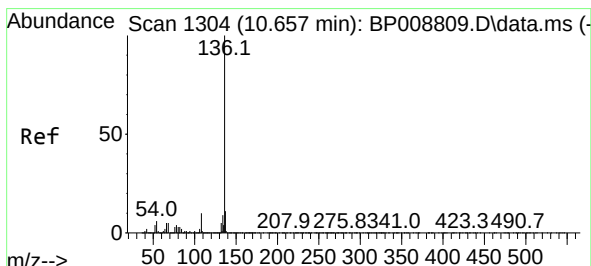
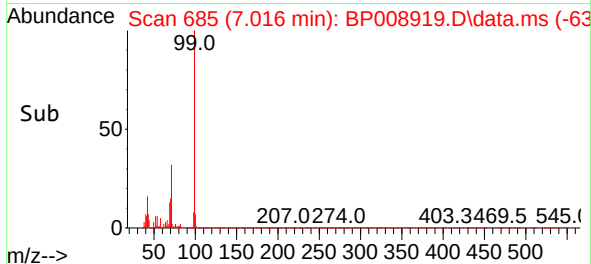
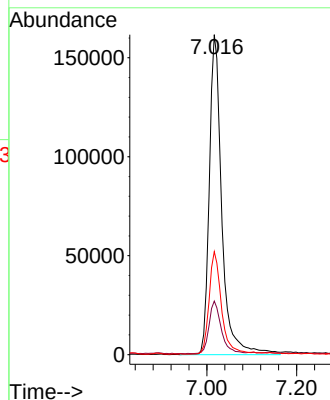
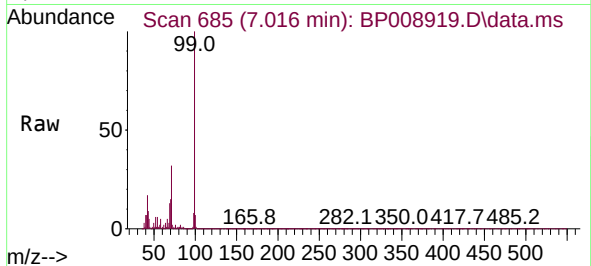




#7
Phenol-d6
Concen: 14.519 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

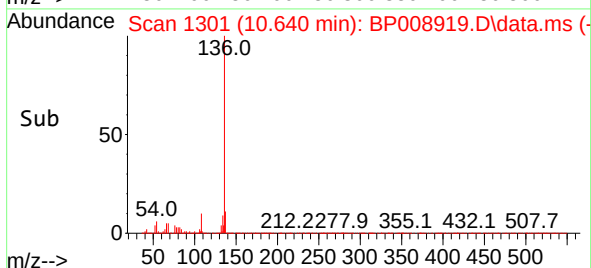
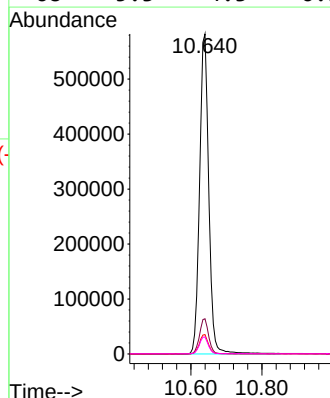
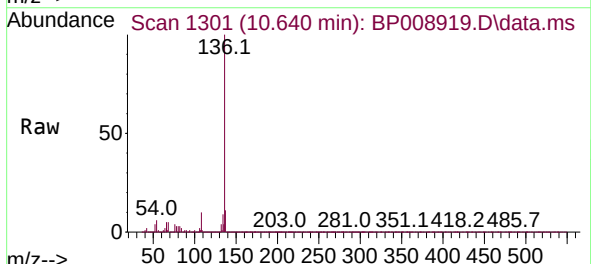
Instrument :
BNA_P
ClientSampleId :
C1-C2

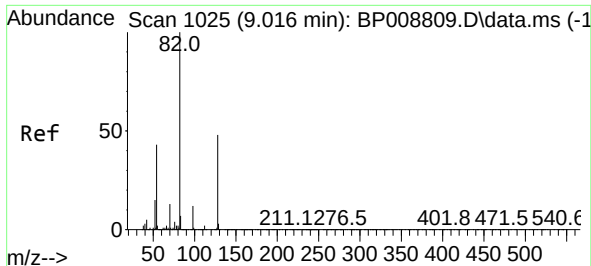
Tgt Ion: 99 Resp: 312451
Ion Ratio Lower Upper
99 100
42 16.8 10.8 16.2#
71 32.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion: 136 Resp: 1048716
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.3 4.3 6.5

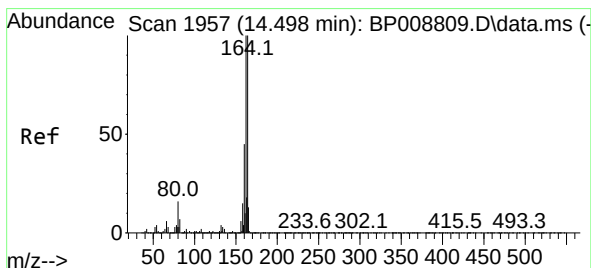
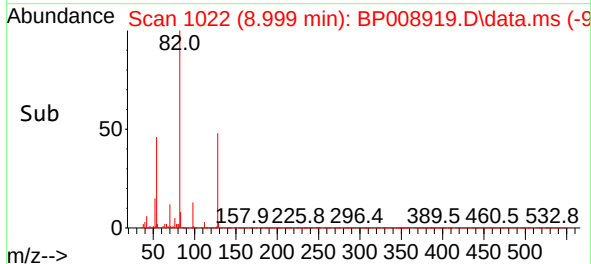
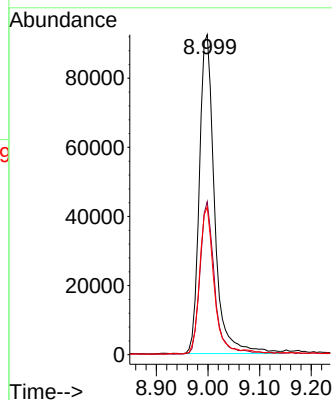
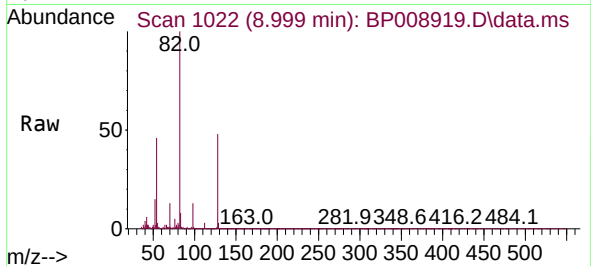




#23
Nitrobenzene-d5
Concen: 10.222 ng
RT: 8.999 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

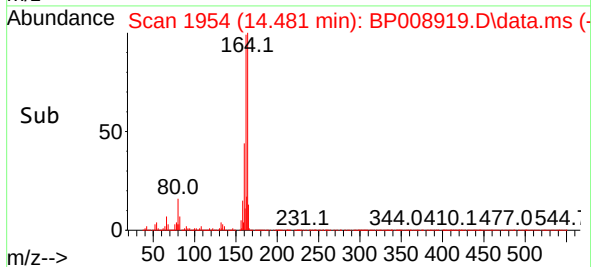
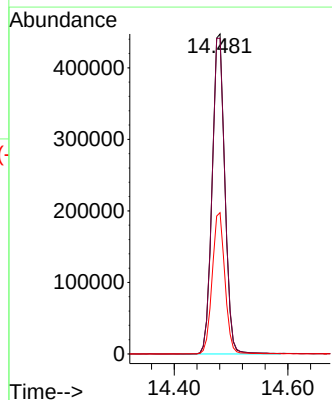
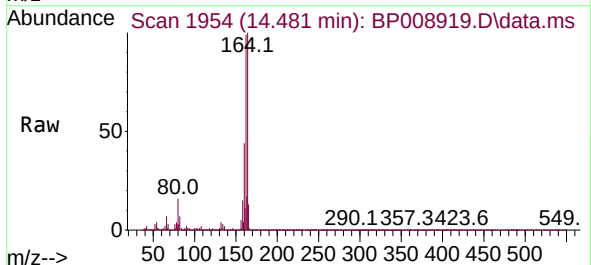
Instrument :
BNA_P
ClientSampleId :
C1-C2

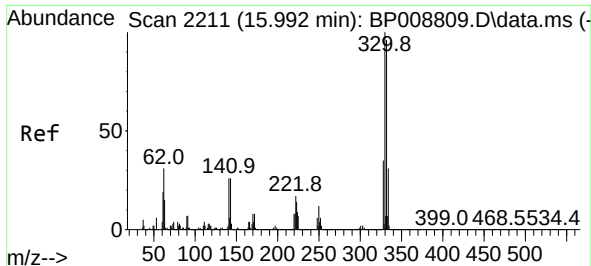
Tgt Ion: 82 Resp: 188812
Ion Ratio Lower Upper
82 100
128 47.8 39.4 59.2
54 46.1 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:164 Resp: 687608
Ion Ratio Lower Upper
164 100
162 98.7 79.9 119.9
160 44.2 35.5 53.3

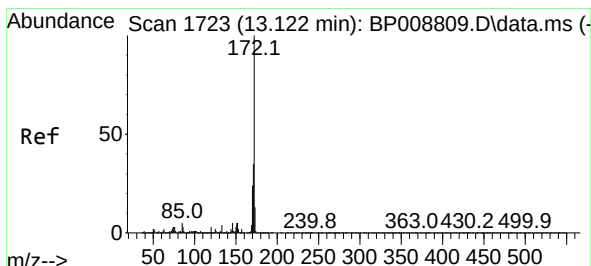
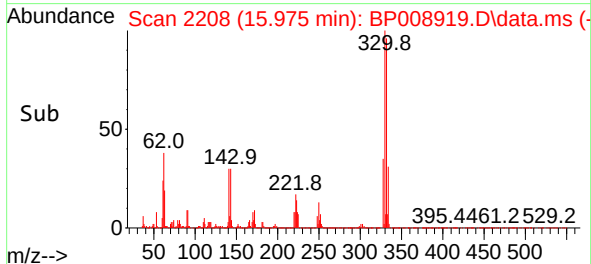
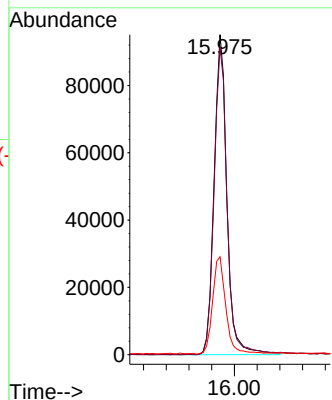
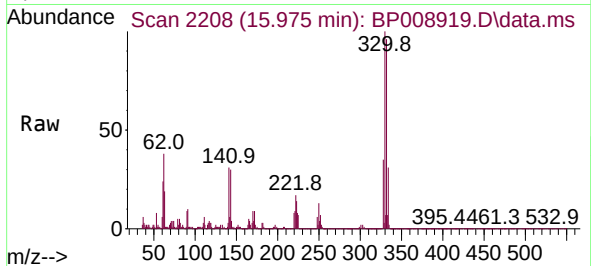




#42
2,4,6-Tribromophenol
Concen: 14.816 ng
RT: 15.975 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

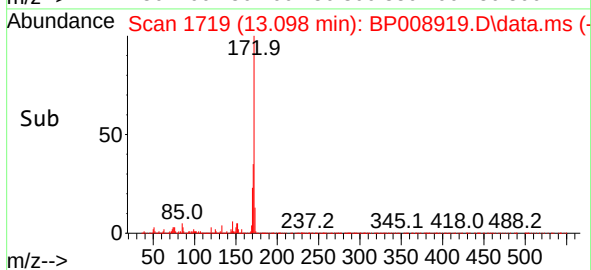
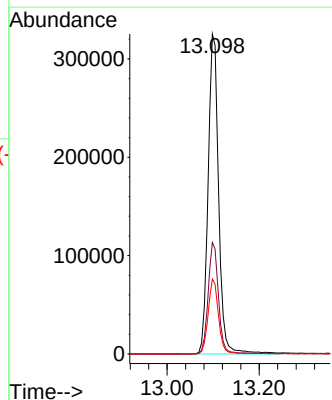
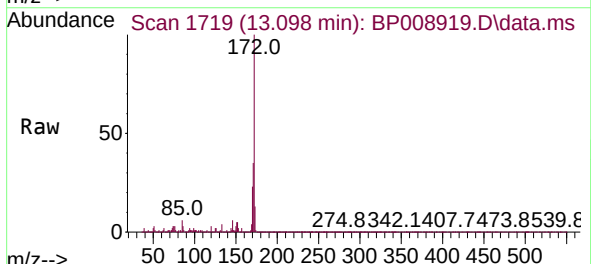
Instrument :
BNA_P
ClientSampleId :
C1-C2

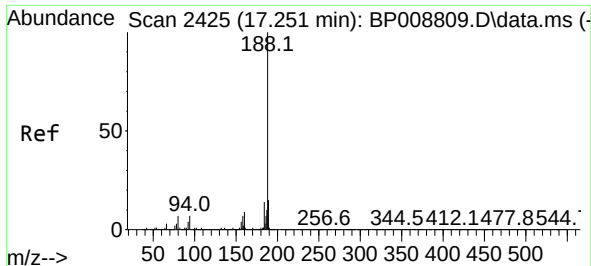
Tgt Ion:330 Resp: 148295
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 31.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 9.966 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:172 Resp: 519643
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.4 19.5 29.3

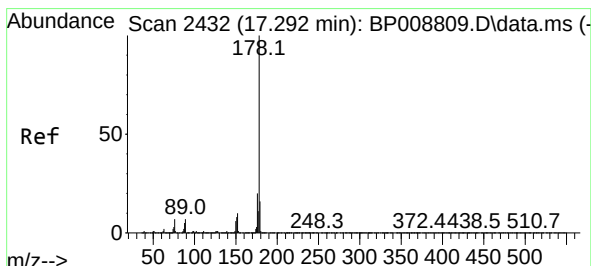
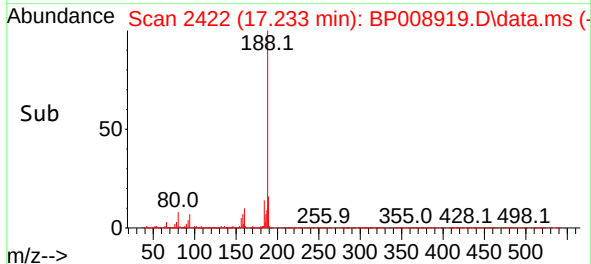
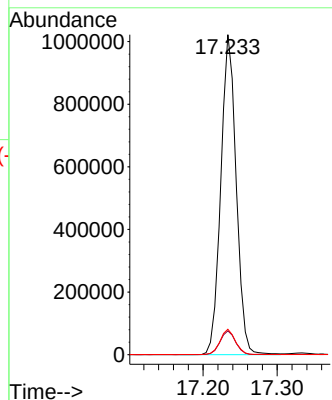
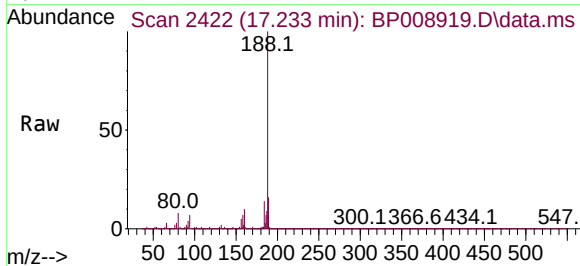




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

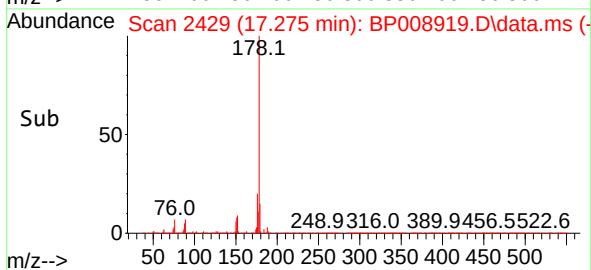
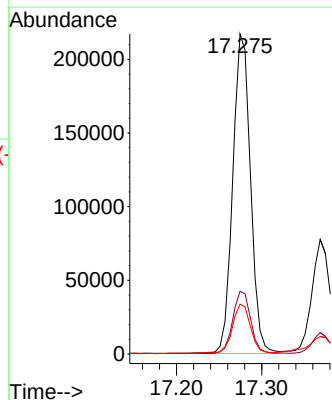
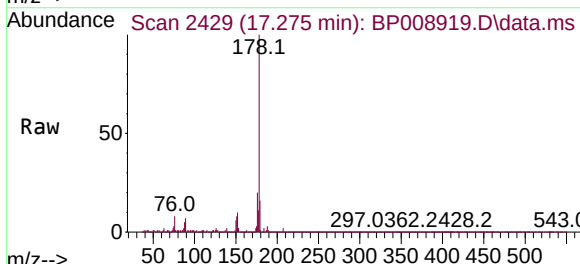
Instrument :
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ClientSampleId :
C1-C2

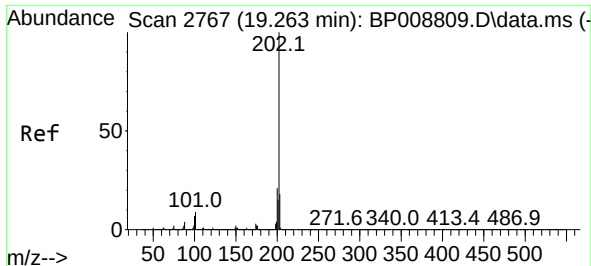
Tgt Ion:188 Resp: 1473569
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 3.785 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:178 Resp: 313994
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 13.0 19.4

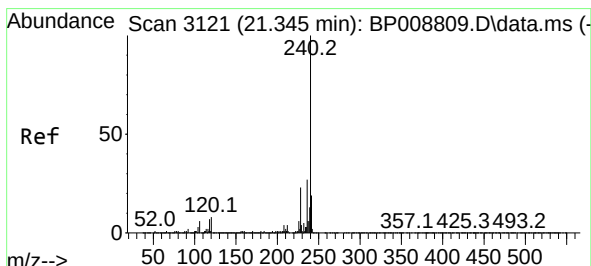
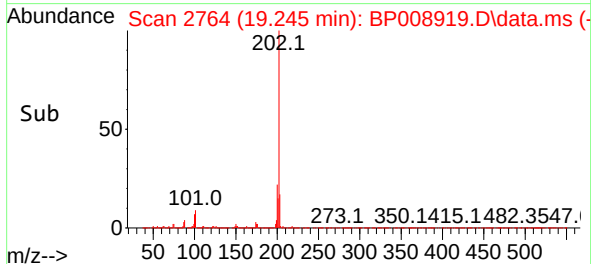
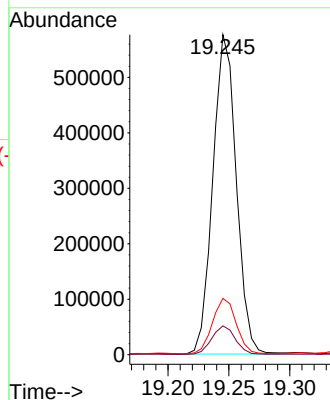
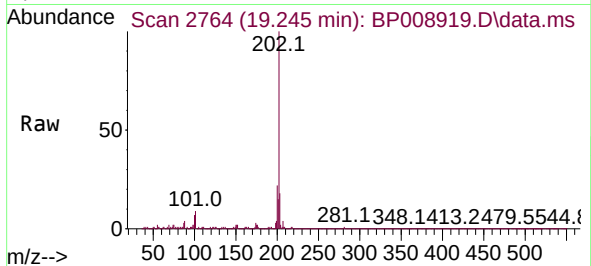




#75
Fluoranthene
Concen: 8.356 ng
RT: 19.245 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

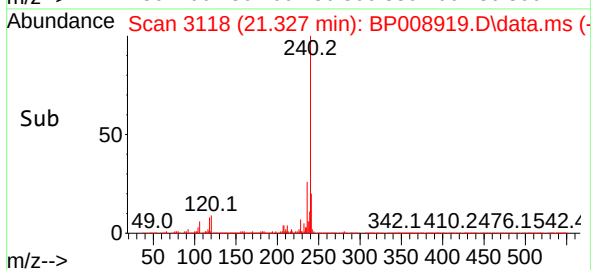
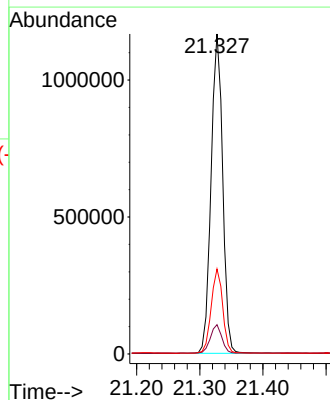
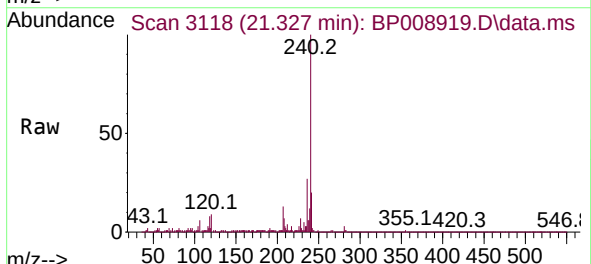
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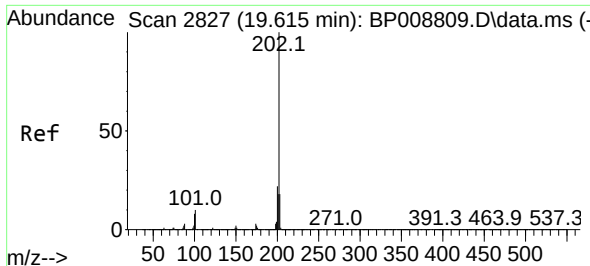
Tgt Ion:202 Resp: 770938
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 17.6 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:240 Resp: 1483151
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.6 21.2 31.8

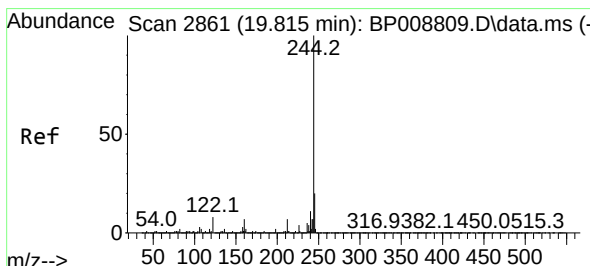
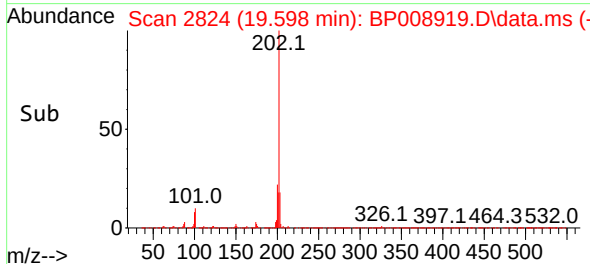
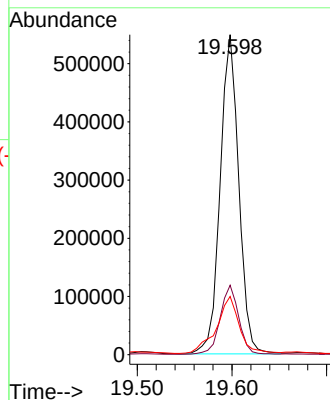
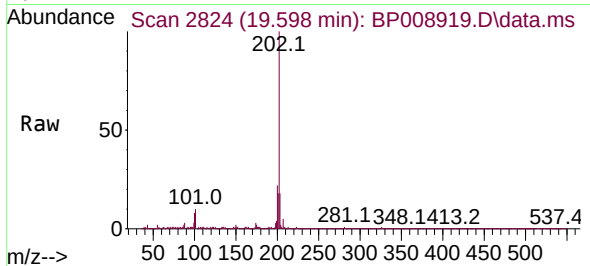




#78
 Pyrene
 Concen: 7.256 ng
 RT: 19.598 min Scan# 2824
 Delta R.T. -0.006 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

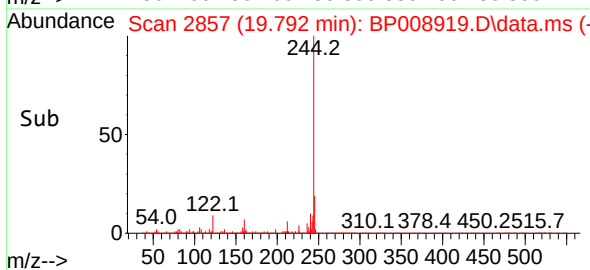
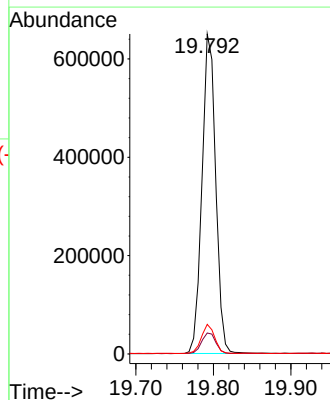
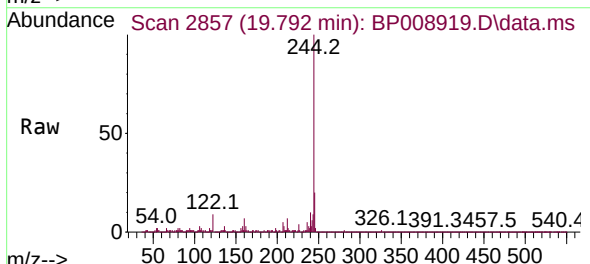
Instrument :
 BNA_P
 ClientSampleId :
 C1-C2

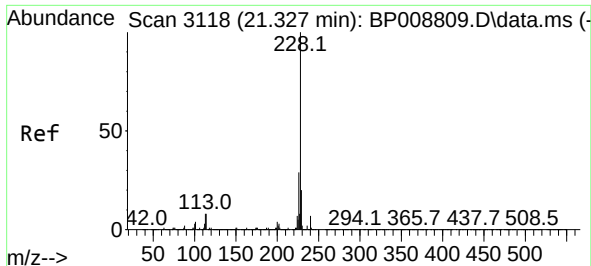
Tgt Ion:202 Resp: 750884
 Ion Ratio Lower Upper
 202 100
 200 21.7 18.0 27.0
 203 18.2 15.0 22.6



#79
 Terphenyl-d14
 Concen: 9.105 ng
 RT: 19.792 min Scan# 2857
 Delta R.T. -0.012 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

Tgt Ion:244 Resp: 800041
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7
 122 9.2 9.2 13.8

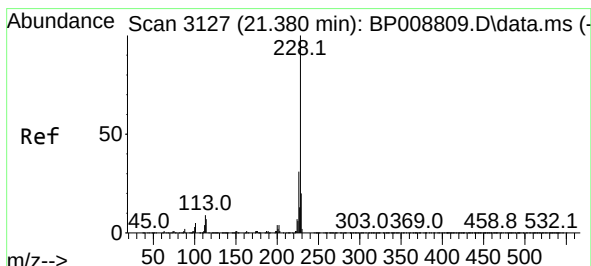
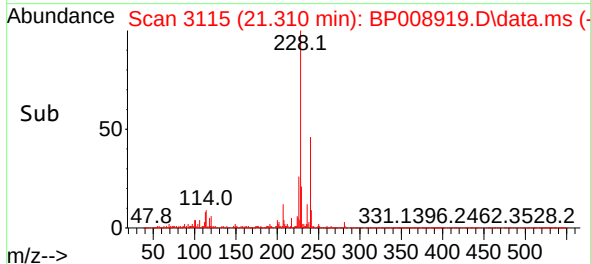
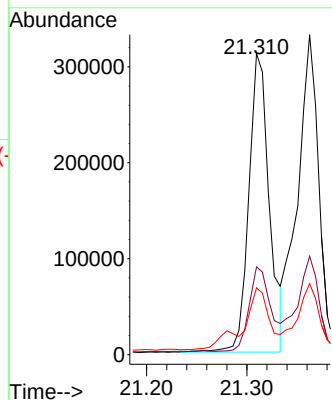
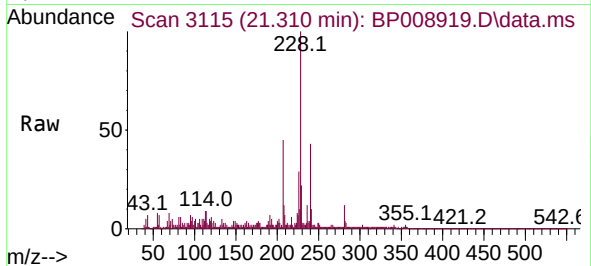




#81
Benzo(a)anthracene
Concen: 4.419 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

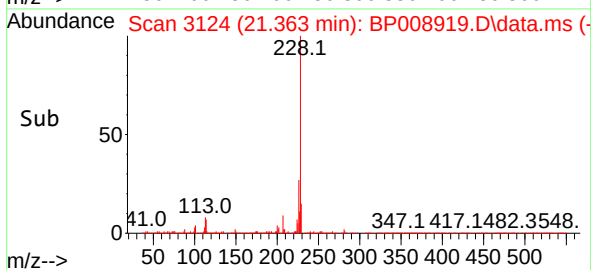
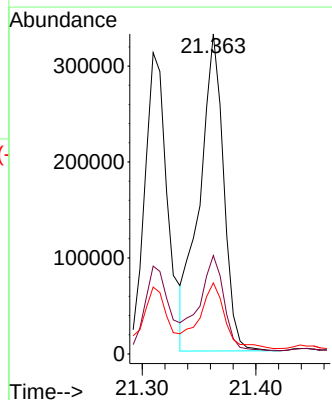
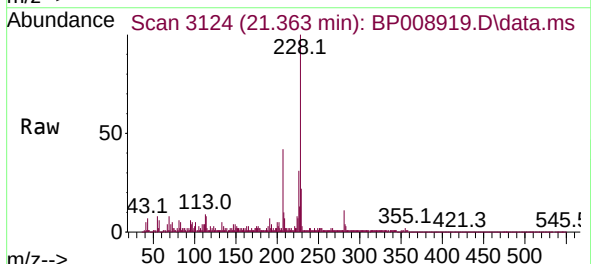
Instrument :
BNA_P
ClientSampleId :
C1-C2

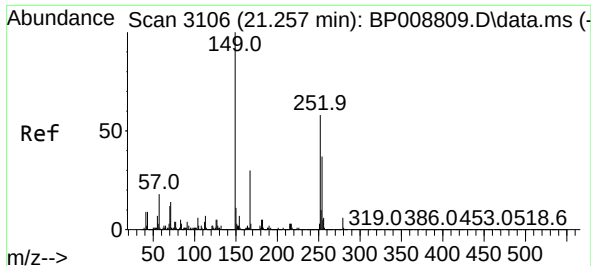
Tgt Ion:228 Resp: 440918
Ion Ratio Lower Upper
228 100
226 29.2 23.3 34.9
229 22.2 17.0 25.6



#83
Chrysene
Concen: 5.037 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:228 Resp: 487203
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 22.2 16.9 25.3

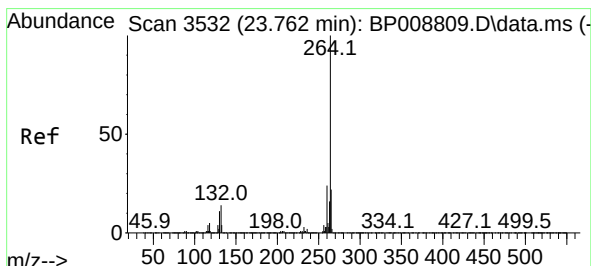
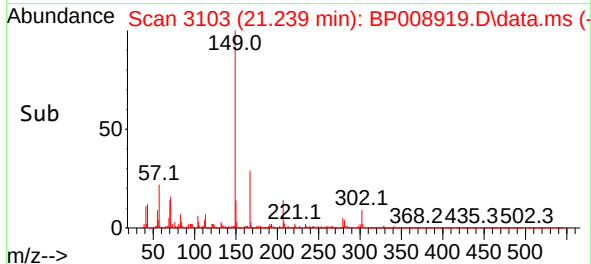
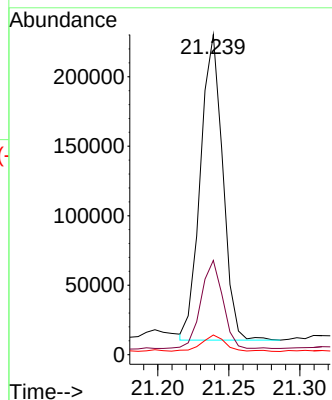
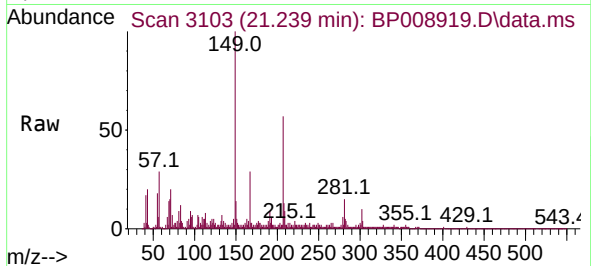




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.732 ng
 RT: 21.239 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

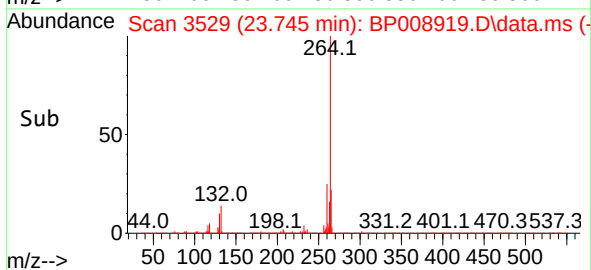
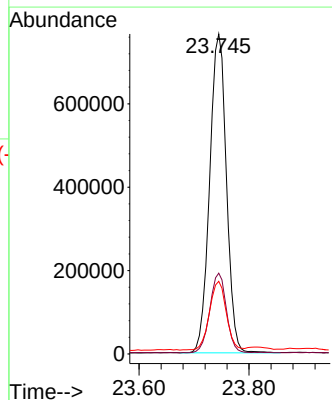
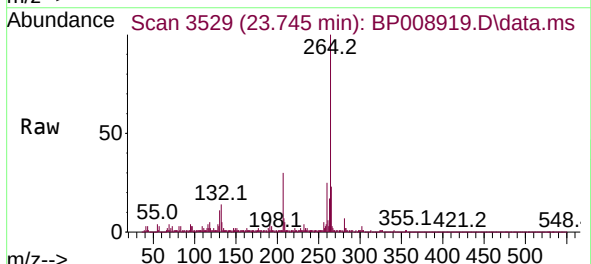
Instrument :
 BNA_P
 ClientSampleId :
 C1-C2

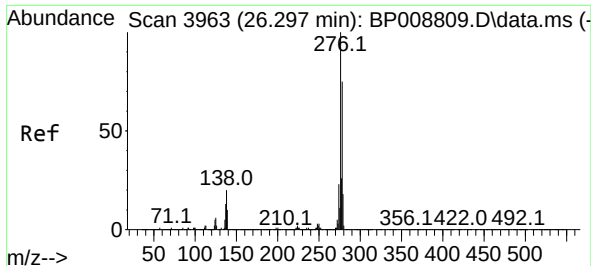
Tgt Ion:149 Resp: 240518
 Ion Ratio Lower Upper
 149 100
 167 29.4 25.0 37.4
 279 6.2 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3529
 Delta R.T. -0.006 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

Tgt Ion:264 Resp: 1619005
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.1 28.7
 265 22.7 17.1 25.7

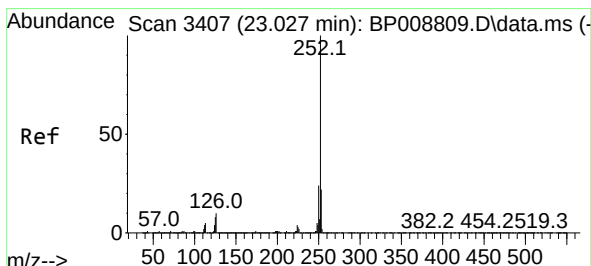
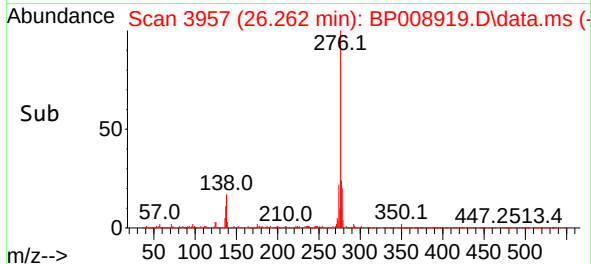
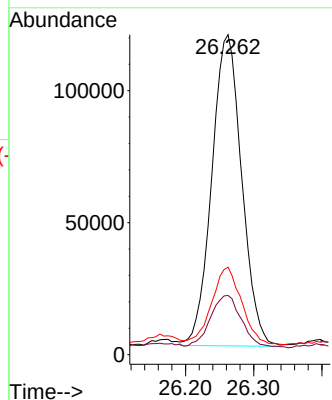
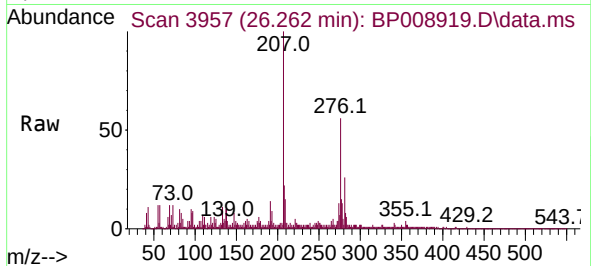




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.700 ng
 RT: 26.262 min Scan# 3963
 Delta R.T. -0.018 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

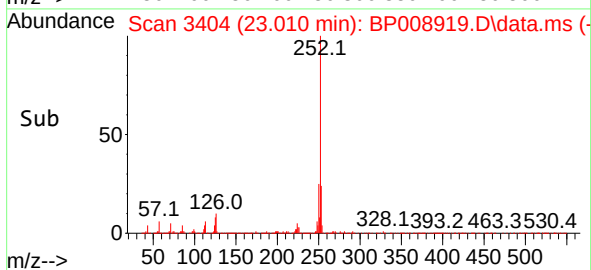
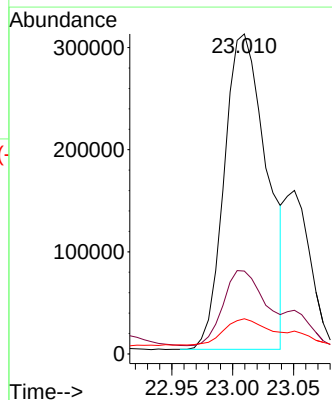
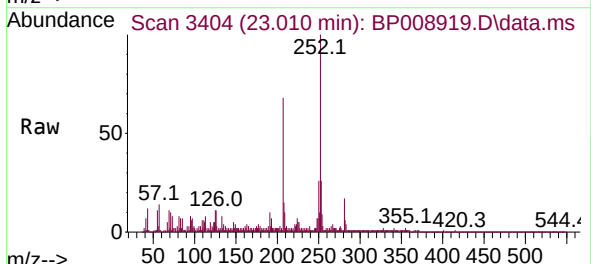
Instrument :
 BNA_P
 ClientSampleId :
 C1-C2

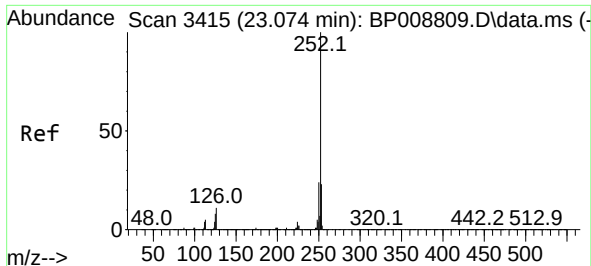
Tgt Ion:276 Resp: 360242
 Ion Ratio Lower Upper
 276 100
 138 17.8 17.8 26.6
 277 25.0 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 6.931 ng
 RT: 23.010 min Scan# 3404
 Delta R.T. -0.006 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

Tgt Ion:252 Resp: 749434
 Ion Ratio Lower Upper
 252 100
 253 25.9 18.0 27.0
 125 11.0 6.9 10.3#

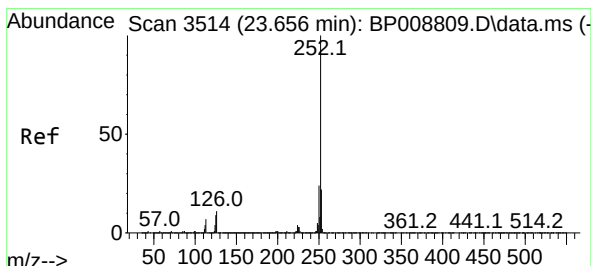
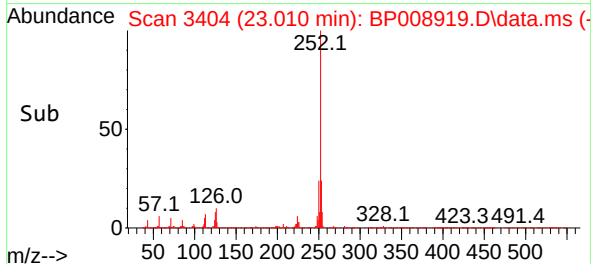
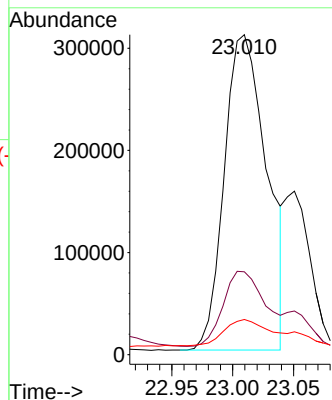
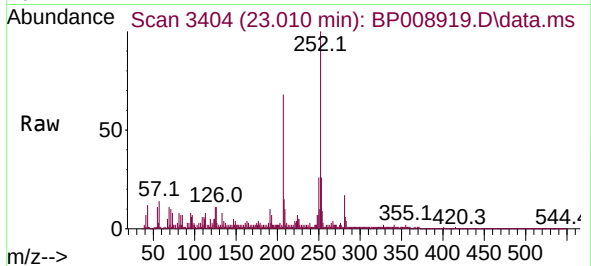




#89
Benzo(k)fluoranthene
Concen: 7.161 ng
RT: 23.010 min Scan# 3415
Delta R.T. -0.053 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

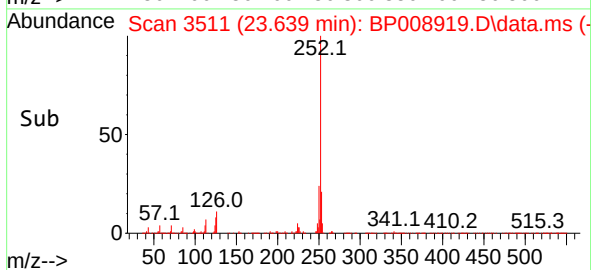
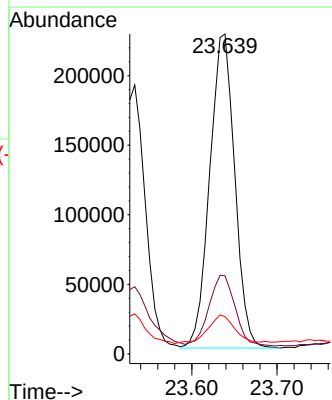
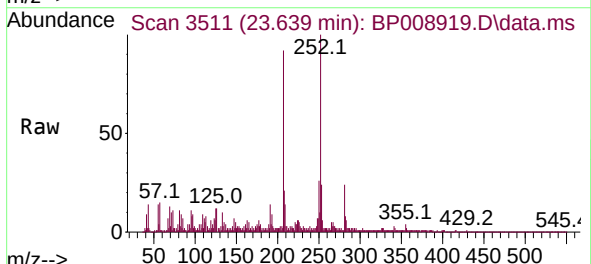
Instrument :
BNA_P
ClientSampleId :
C1-C2

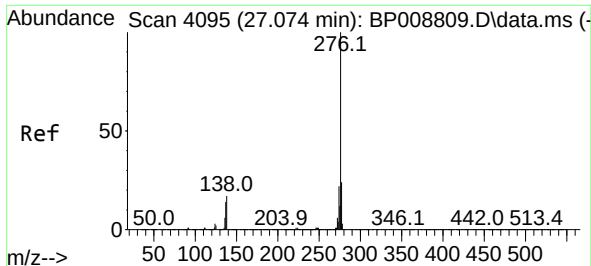
Tgt Ion:252 Resp: 749434
Ion Ratio Lower Upper
252 100
253 25.9 18.2 27.2
125 11.0 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 4.410 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP008919.D
Acq: 25 Jan 2022 21:35

Tgt Ion:252 Resp: 460281
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 11.7 7.8 11.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.414 ng
 RT: 27.039 min Scan# 4089
 Delta R.T. -0.012 min
 Lab File: BP008919.D
 Acq: 25 Jan 2022 21:35

Instrument :
 BNA_P
 ClientSampleId :
 C1-C2

Tgt Ion:276 Resp: 378111
 Ion Ratio Lower Upper
 276 100
 277 26.5 19.2 28.8
 138 18.3 15.0 22.4

