

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009422.D
 Acq On : 16 Mar 2022 14:57
 Operator : CG/JU
 Sample : N1918-10DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-BDL

Quant Time: Mar 16 15:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

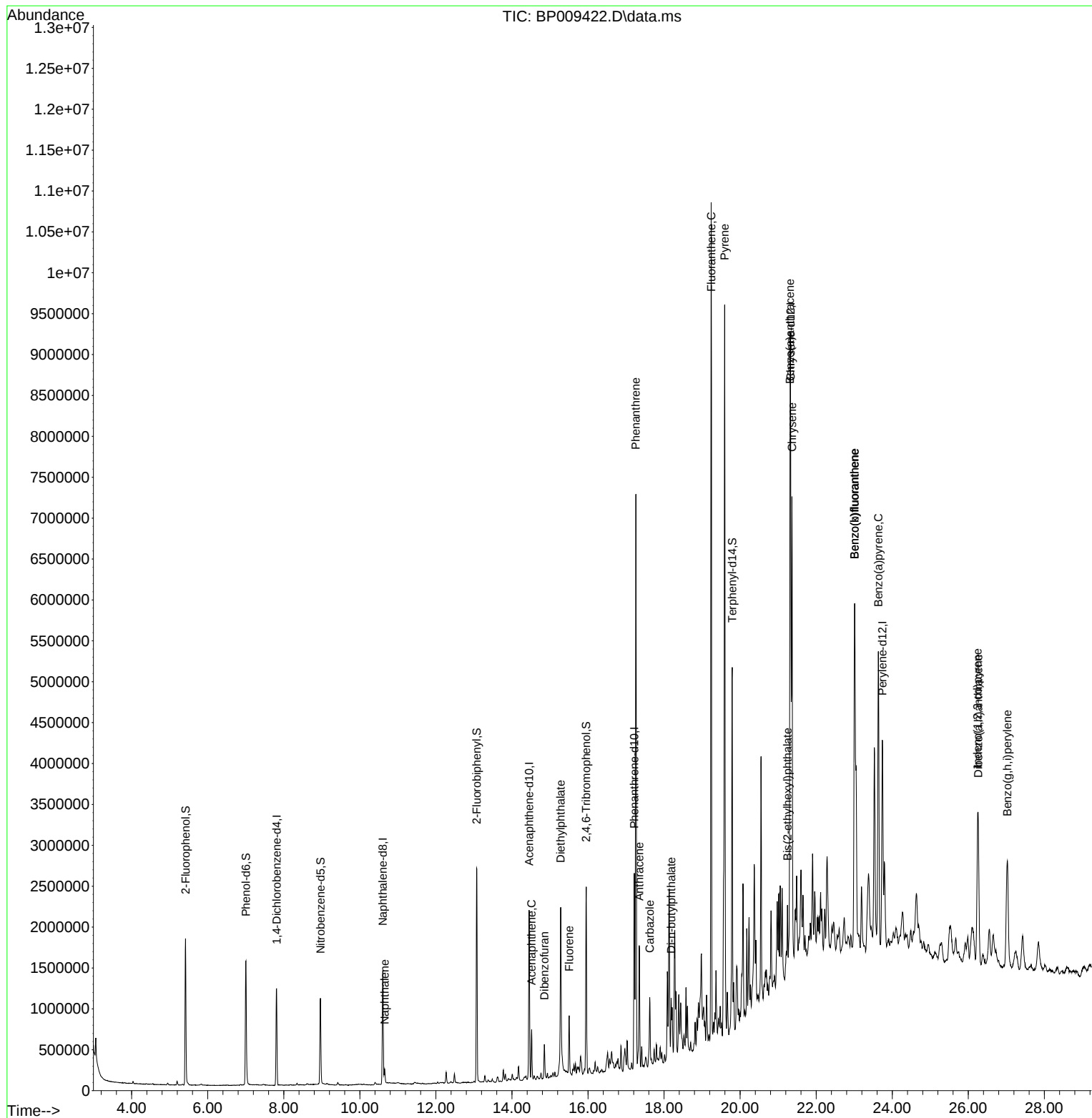
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	368173	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1318983	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	781288	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1597198	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1821998	20.000	ng	0.00
86) Perylene-d12	23.739	264	2092094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	904843	35.874	ng	0.00
7) Phenol-d6	7.005	99	1060982	33.101	ng	0.02
23) Nitrobenzene-d5	8.963	82	686321	28.660	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	479133	50.787	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1520219	26.759	ng	-0.01
79) Terphenyl-d14	19.792	244	2349475	24.335	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.652	128	149676	2.049	ng	99
52) Acenaphthene	14.516	154	223336	4.668	ng	100
55) Dibenzofuran	14.851	168	255838	3.530	ng	96
58) Fluorene	15.504	166	334153	5.887	ng	98
60) Diethylphthalate	15.281	149	1956258	34.868	ng	99
71) Phenanthrene	17.257	178	4583419	49.933	ng	99
72) Anthracene	17.345	178	1033415	11.311	ng	99
73) Carbazole	17.622	167	557487	6.696	ng	99
74) Di-n-butylphthalate	18.186	149	656410	7.124	ng	99
75) Fluoranthene	19.239	202	6213515	58.646	ng	98
78) Pyrene	19.592	202	5669007	46.083	ng	99
81) Benzo(a)anthracene	21.310	228	3485781	28.226	ng	99
83) Chrysene	21.363	228	3121666	26.035	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	319871	4.504	ng	99
87) Indeno(1,2,3-cd)pyrene	26.245	276	2120004	13.043	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	5536223	39.193	ng	98
89) Benzo(k)fluoranthene	23.010	252	5537181	41.032	ng	97
90) Benzo(a)pyrene	23.633	252	3083910	23.019	ng	96
91) Dibenzo(a,h)anthracene	26.262	278	599086	4.347	ng	94
92) Benzo(g,h,i)perylene	27.027	276	2059843	15.128	ng	# 95

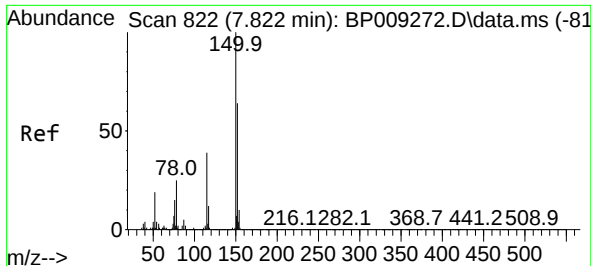
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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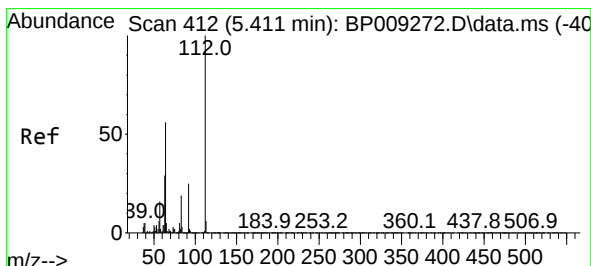
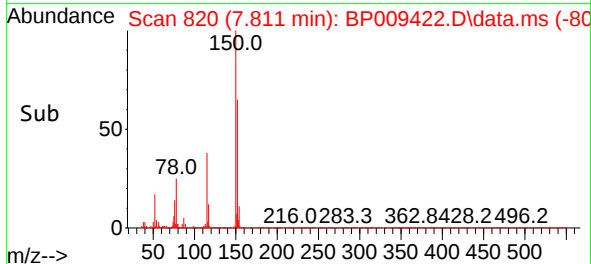
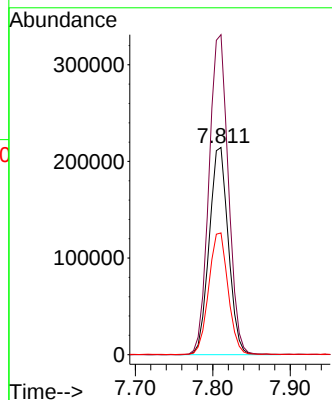
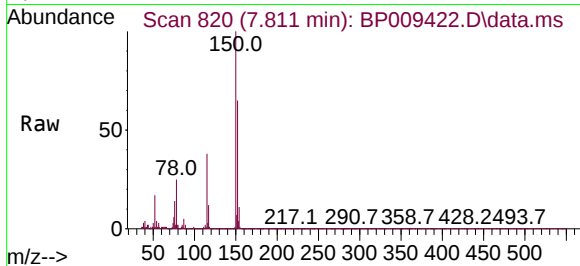




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

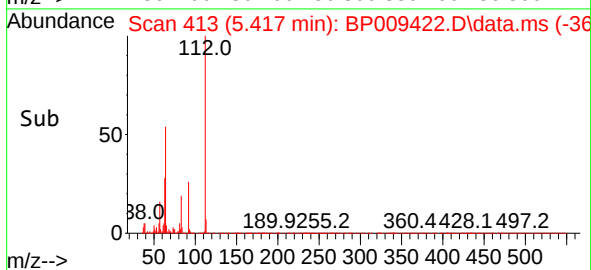
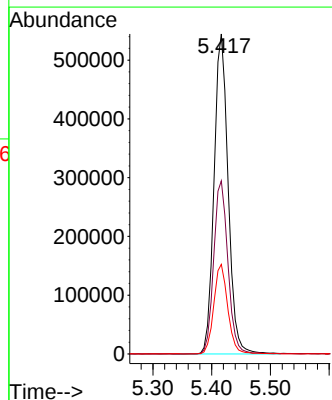
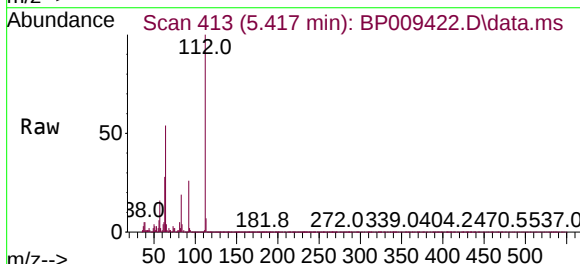
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

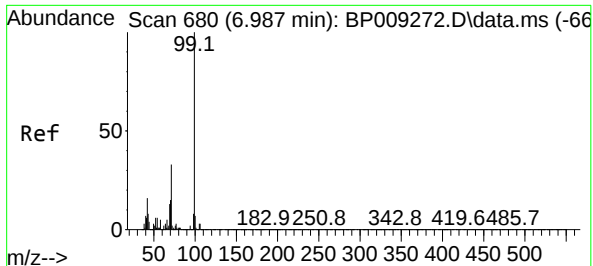
Tgt Ion:152 Resp: 368173
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 35.874 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:112 Resp: 904843
Ion Ratio Lower Upper
112 100
64 54.1 45.0 67.4
63 28.0 23.0 34.6



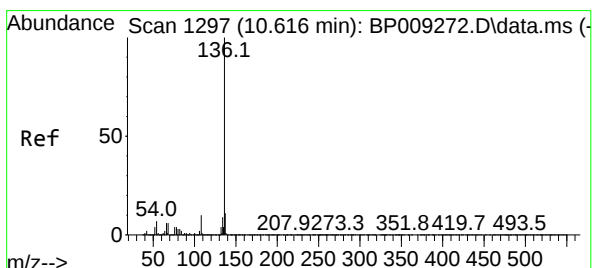
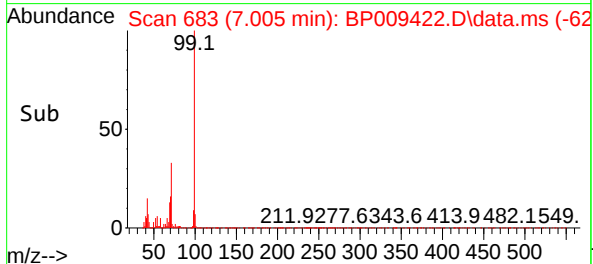
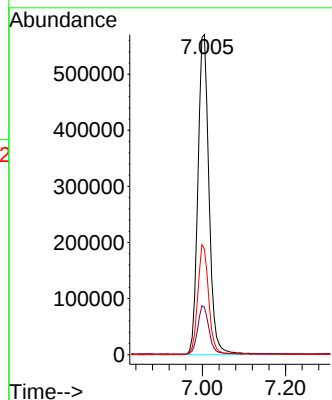
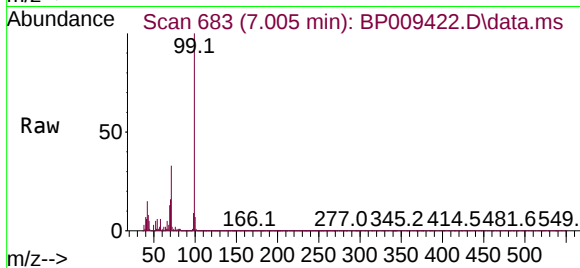


#7
Phenol-d6
Concen: 33.101 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

Tgt Ion: 99 Resp: 1060982

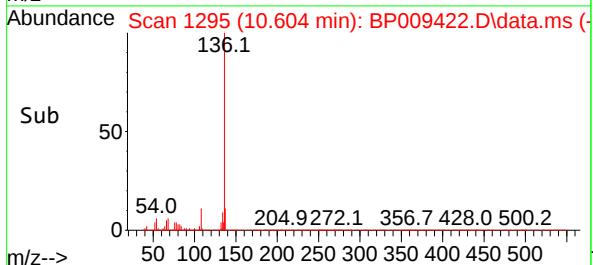
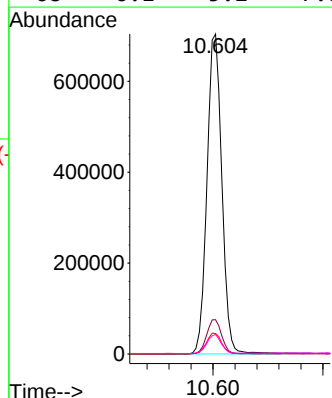
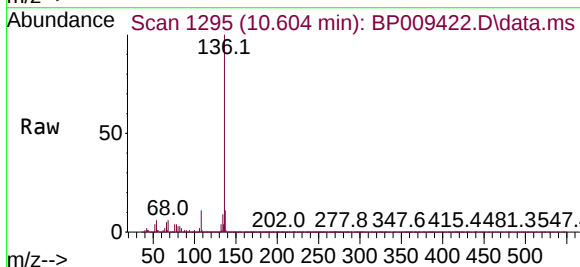
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	33.0	26.3	39.5

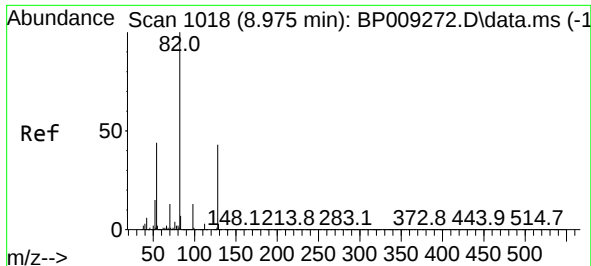


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion: 136 Resp: 1318983

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.4	5.8	8.8
68	6.1	5.2	7.8

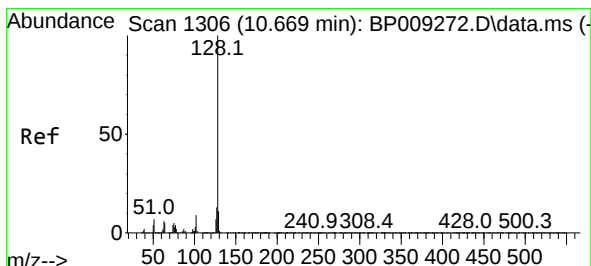
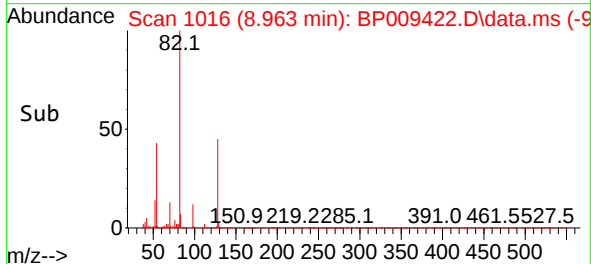
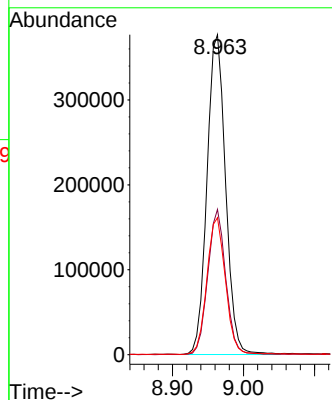
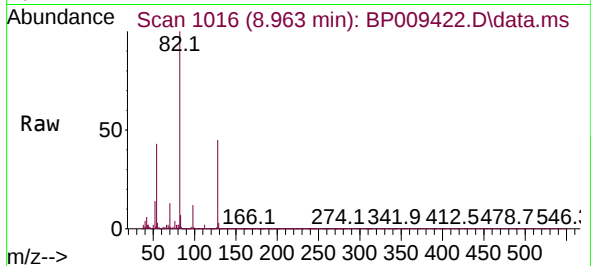




#23
Nitrobenzene-d5
Concen: 28.660 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

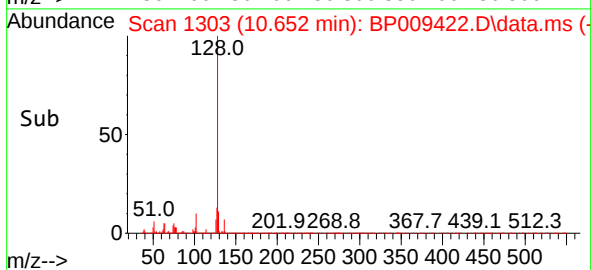
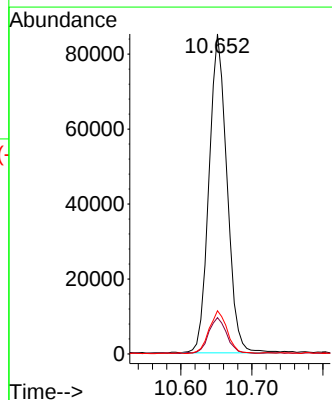
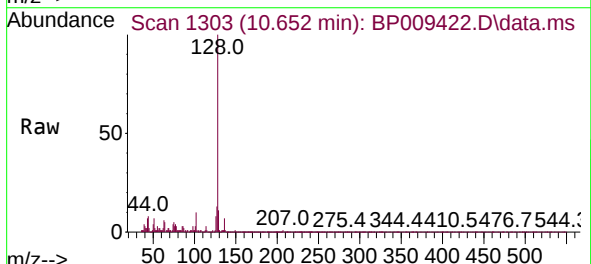
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

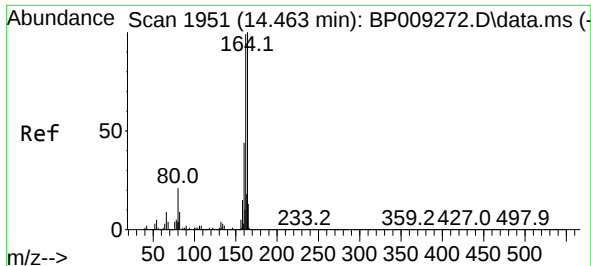
Tgt Ion: 82 Resp: 686321
Ion Ratio Lower Upper
82 100
128 45.4 34.2 51.4
54 42.8 34.7 52.1



#31
Naphthalene
Concen: 2.049 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.018 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion: 128 Resp: 149676
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.5 15.7

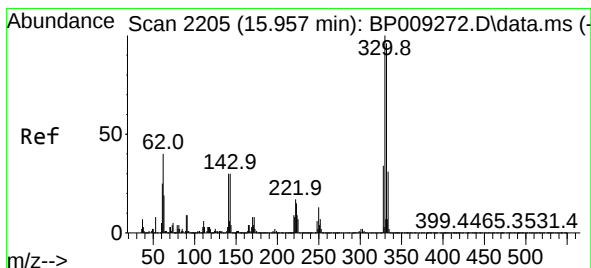
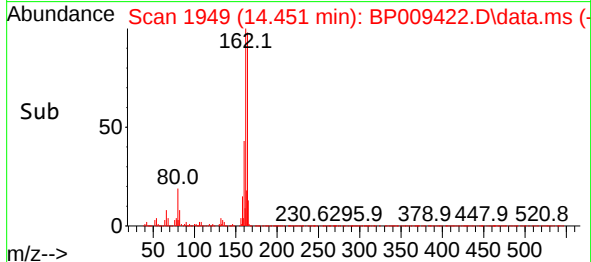
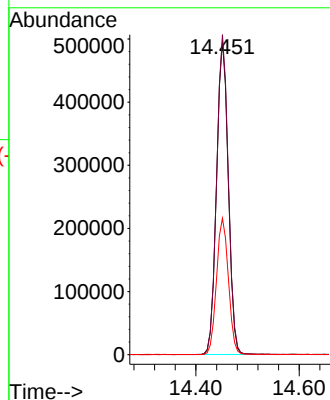
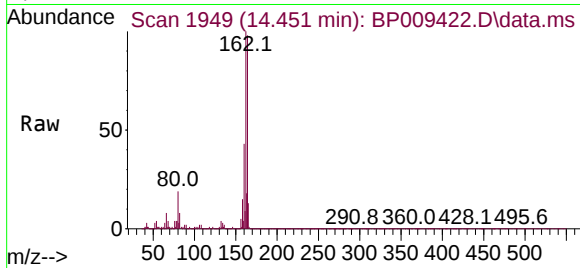




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

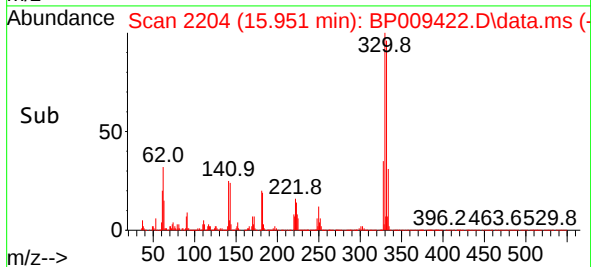
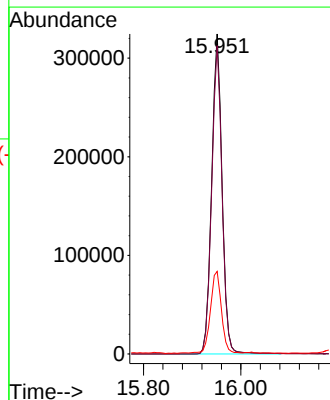
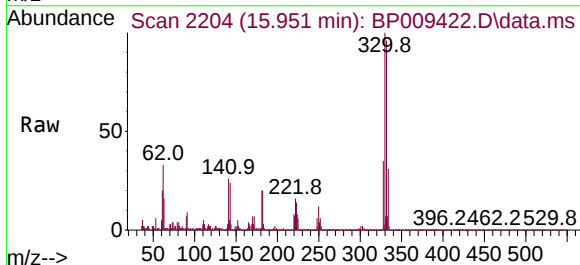
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

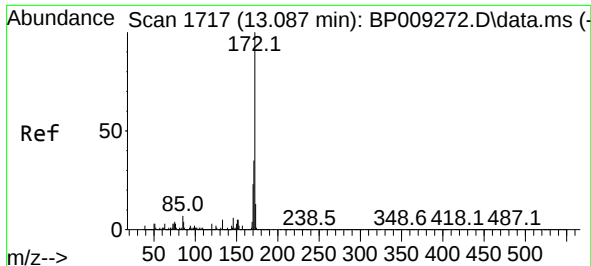
Tgt Ion:164 Resp: 781288
Ion Ratio Lower Upper
164 100
162 102.0 79.1 118.7
160 43.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 50.787 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:330 Resp: 479133
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 27.3 27.6 41.4#

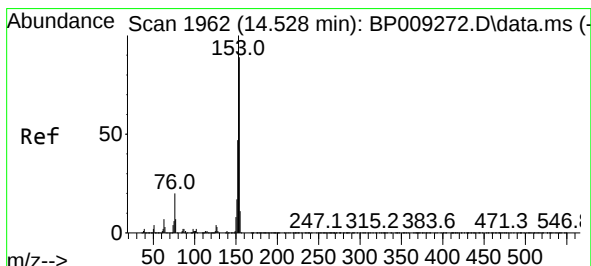
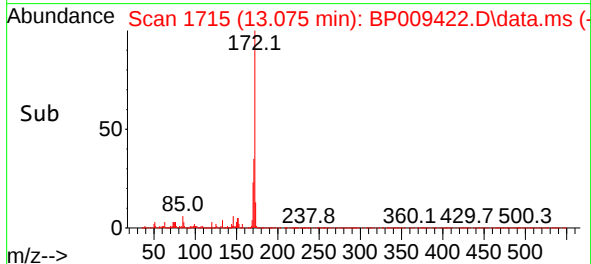
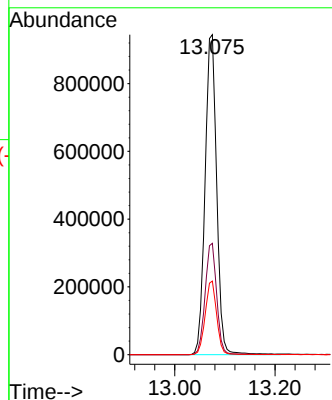
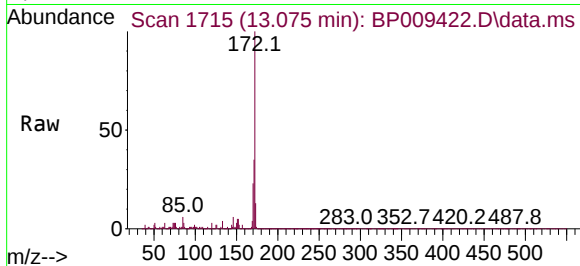




#45
2-Fluorobiphenyl
Concen: 26.759 ng
RT: 13.075 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

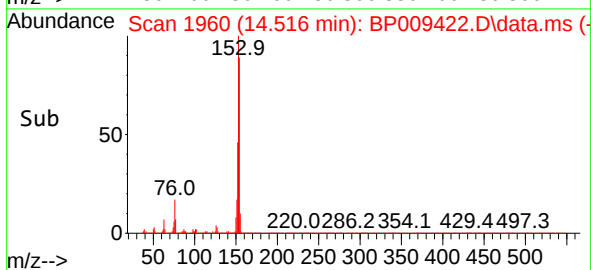
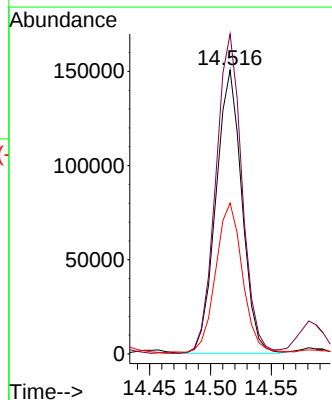
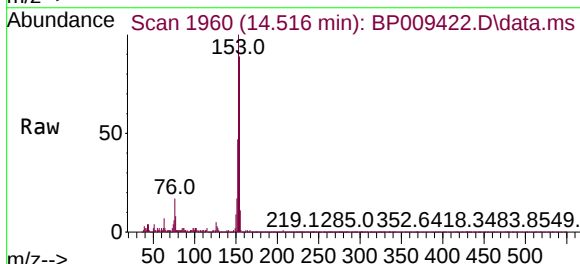
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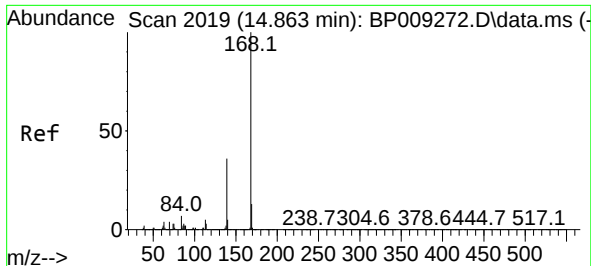
Tgt Ion:172 Resp: 1520219
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.0 18.6 27.8



#52
Acenaphthene
Concen: 4.668 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:154 Resp: 223336
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 53.1 42.7 64.1

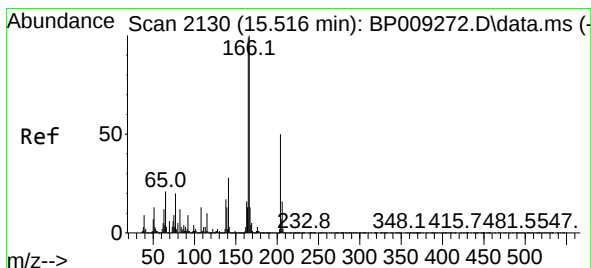
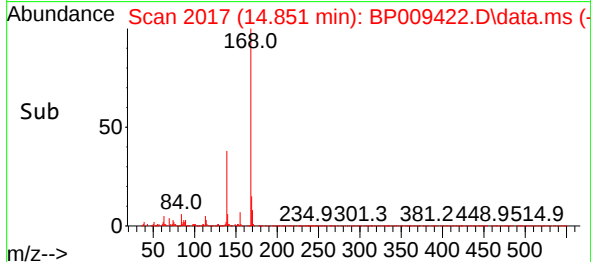
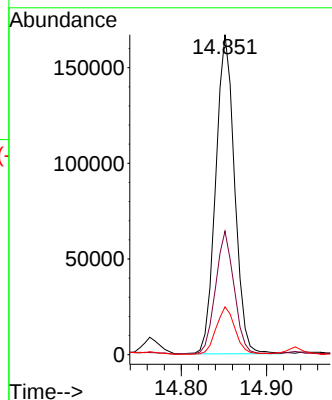
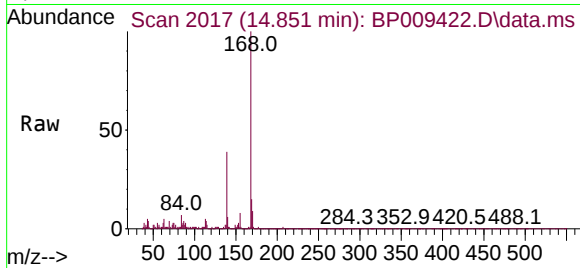




#55
Dibenzenofuran
Concen: 3.530 ng
RT: 14.851 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

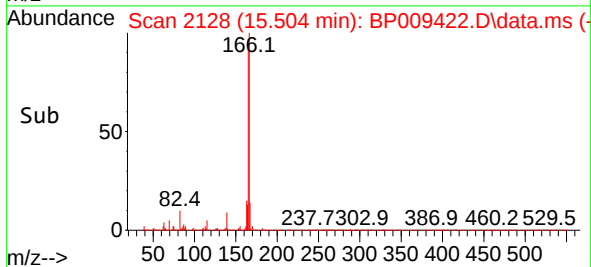
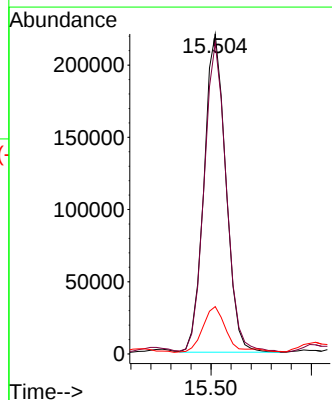
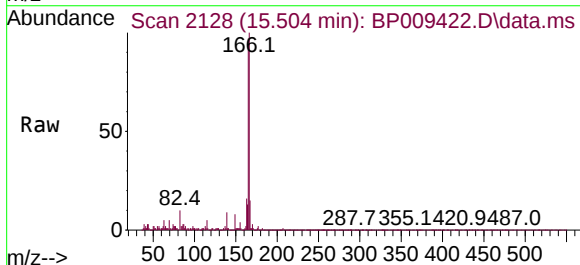
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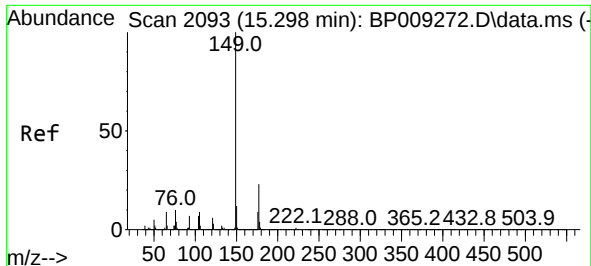
Tgt Ion:168 Resp: 255838
Ion Ratio Lower Upper
168 100
139 38.6 29.1 43.7
169 14.9 10.6 16.0



#58
Fluorene
Concen: 5.887 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:166 Resp: 334153
Ion Ratio Lower Upper
166 100
165 97.2 79.2 118.8
167 14.8 10.7 16.1

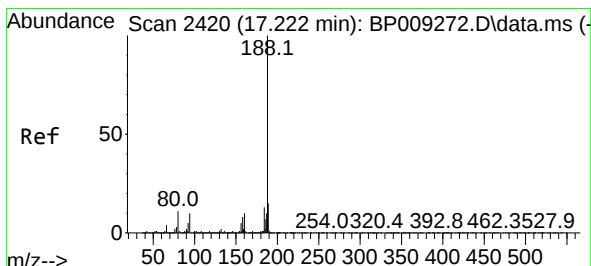
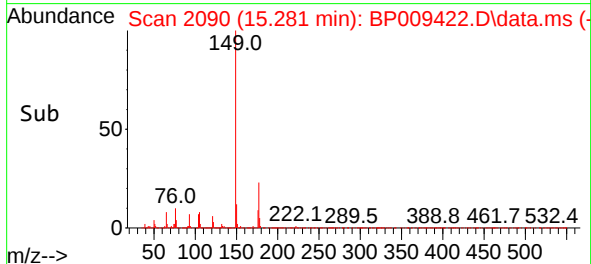
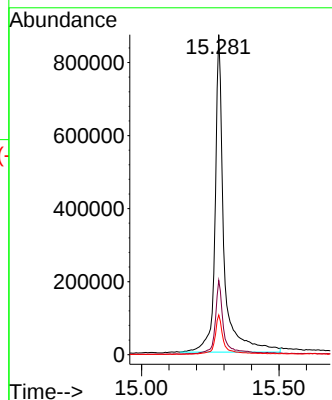
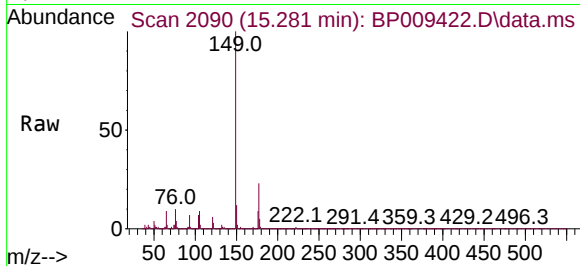




#60
Diethylphthalate
Concen: 34.868 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

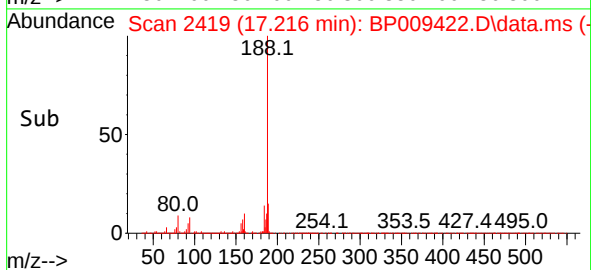
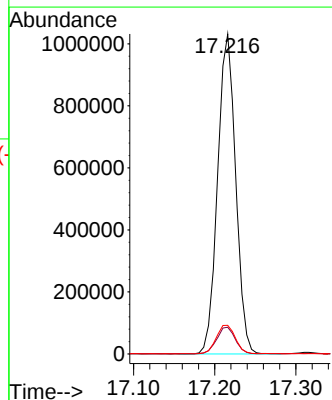
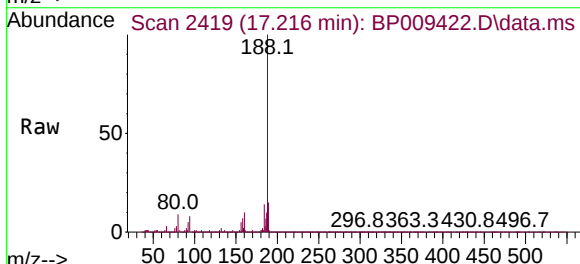
Instrument :
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ClientSampleId :
JDSH-TB-STOCKPILE-BDL

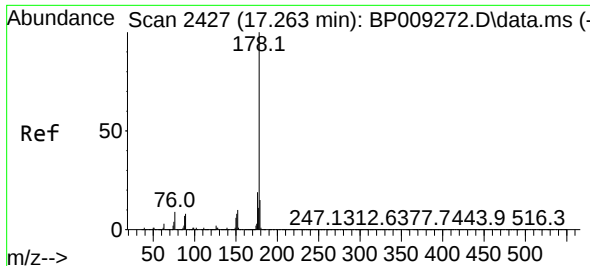
Tgt Ion:149 Resp: 1956258
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.4 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:188 Resp: 1597198
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 8.9 8.8 13.2

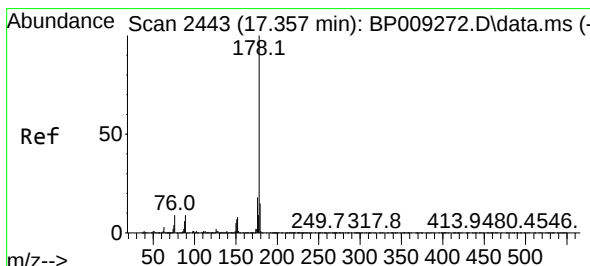
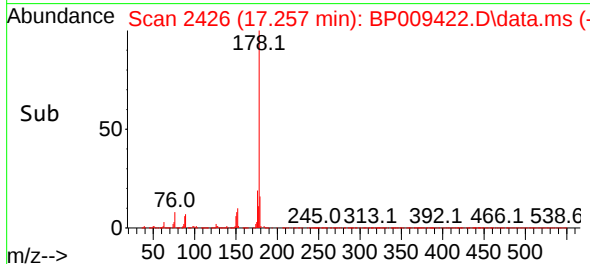
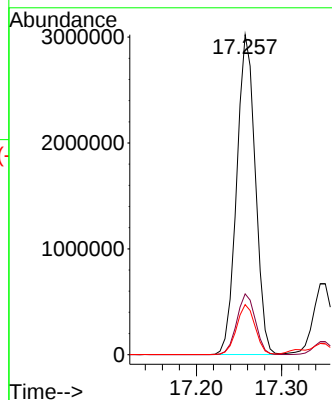
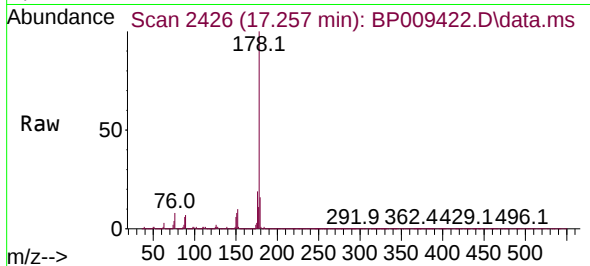




#71
Phenanthrene
Concen: 49.933 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

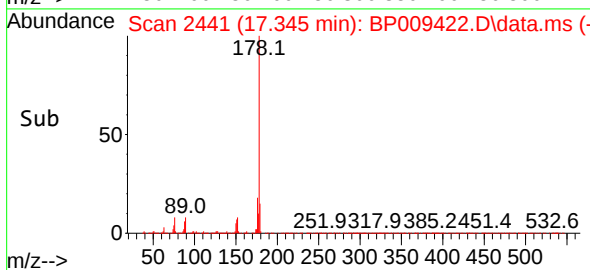
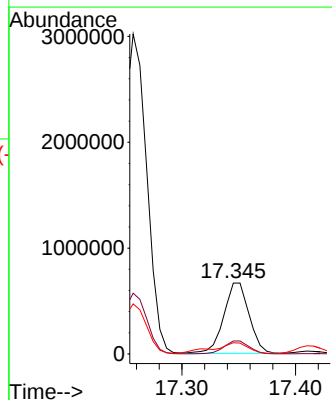
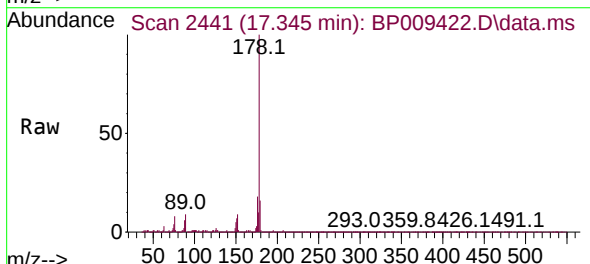
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

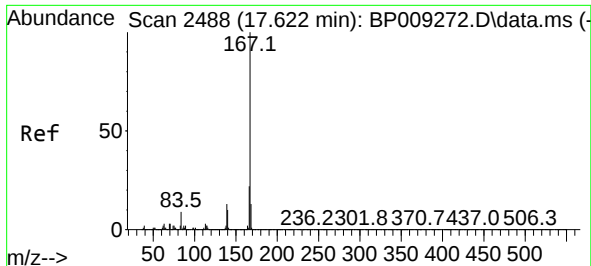
Tgt Ion:178 Resp: 4583419
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.3 18.5



#72
Anthracene
Concen: 11.311 ng
RT: 17.345 min Scan# 2441
Delta R.T. -0.012 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:178 Resp: 1033415
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.7 12.2 18.4

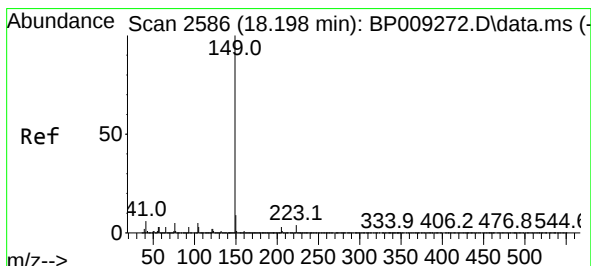
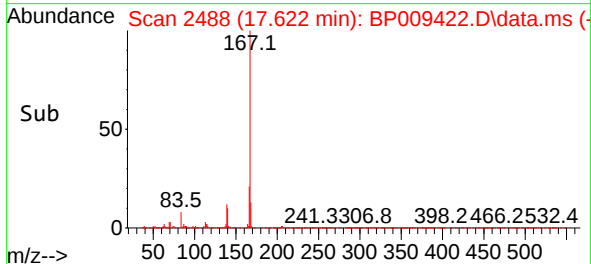
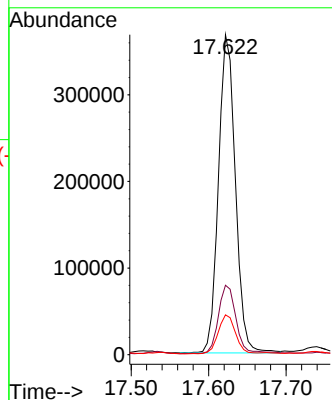
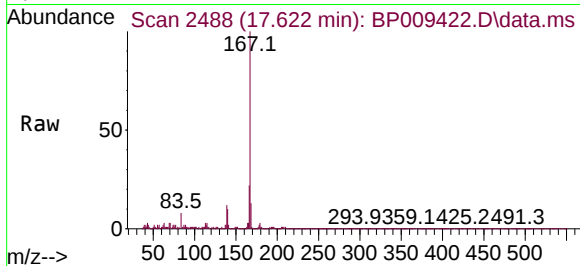




#73
 Carbazole
 Concen: 6.696 ng
 RT: 17.622 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BP009422.D
 Acq: 16 Mar 2022 14:57

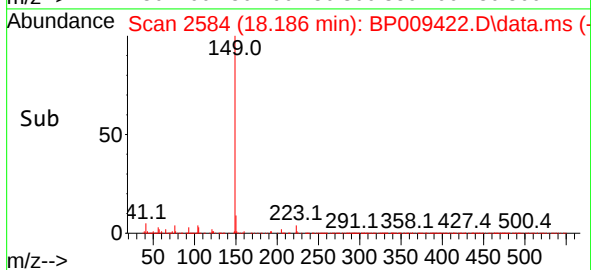
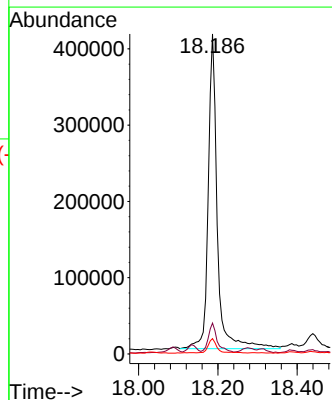
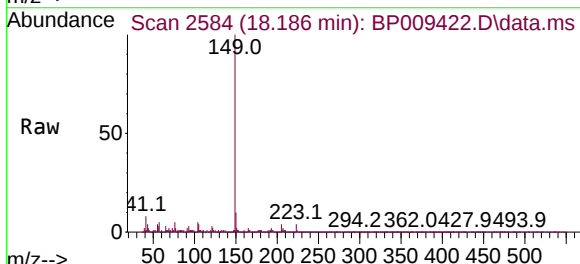
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-BDL

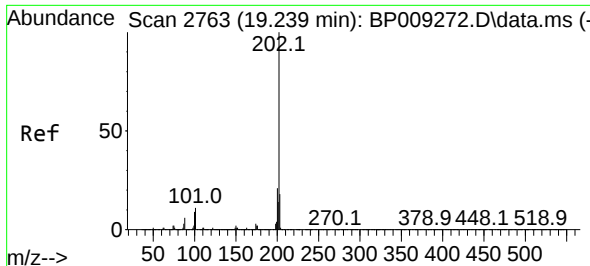
Tgt Ion:167 Resp: 557487
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.4 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 7.124 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.012 min
 Lab File: BP009422.D
 Acq: 16 Mar 2022 14:57

Tgt Ion:149 Resp: 656410
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.3 10.9
 104 4.8 4.2 6.2

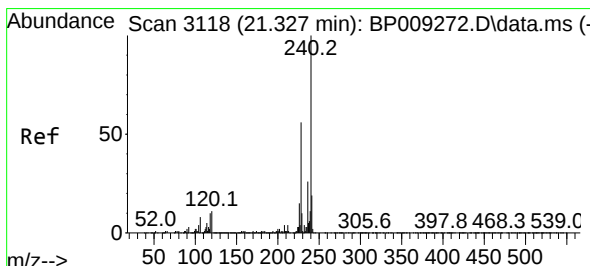
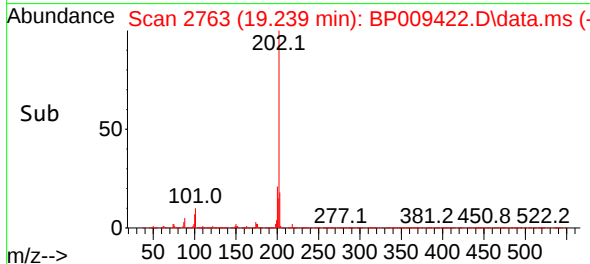
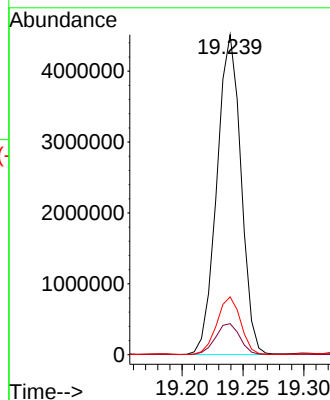
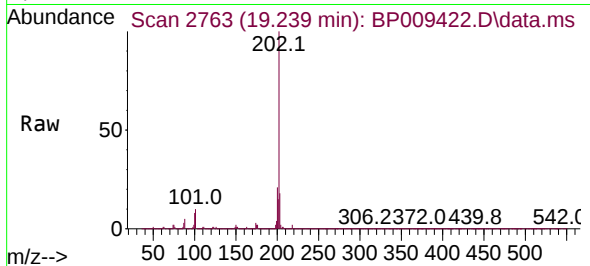




#75
Fluoranthene
Concen: 58.646 ng
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

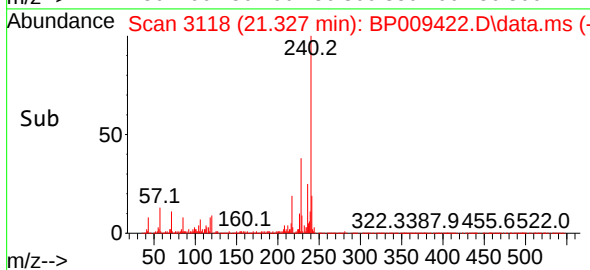
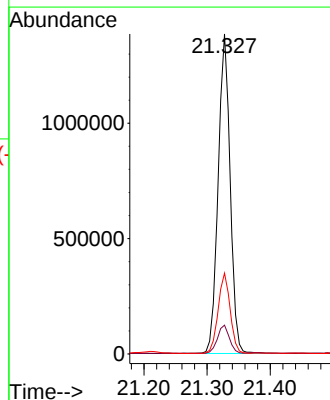
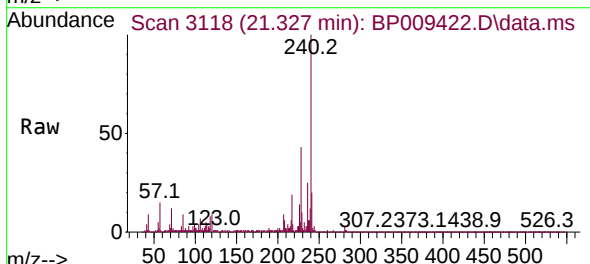
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

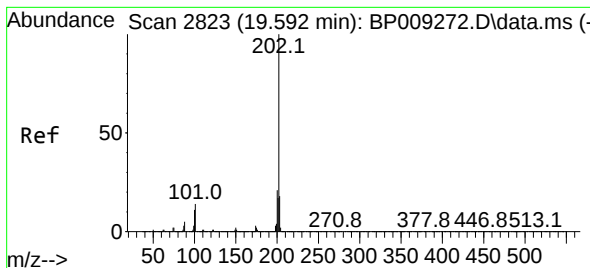
Tgt Ion:202 Resp: 6213515
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.5
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:240 Resp: 1821998
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 25.2 20.6 30.8





#78

Pyrene

Concen: 46.083 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-BDL

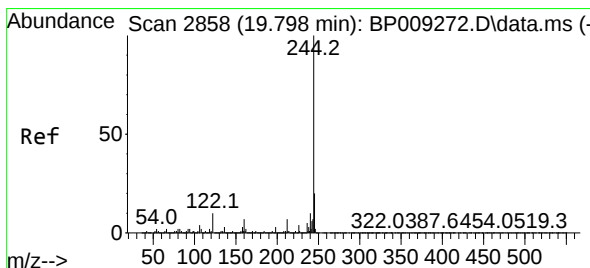
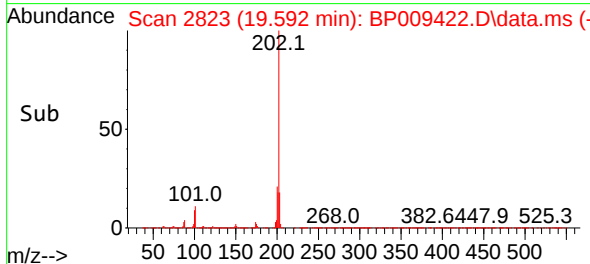
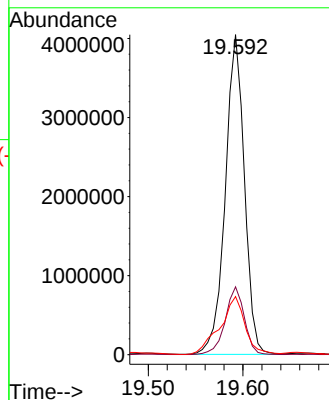
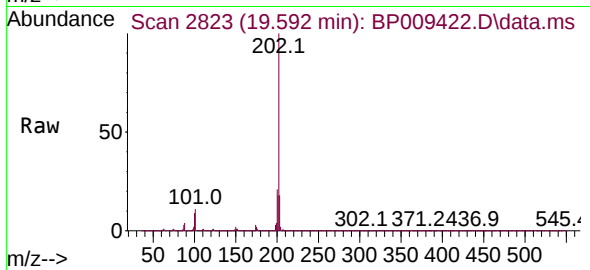
Tgt Ion:202 Resp: 5669007

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 24.335 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

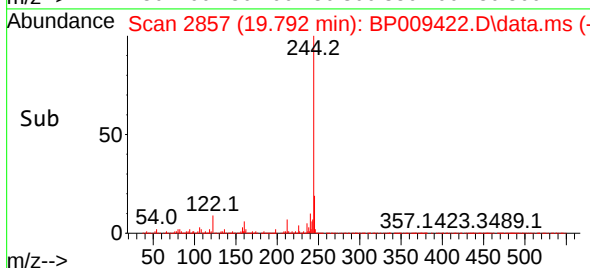
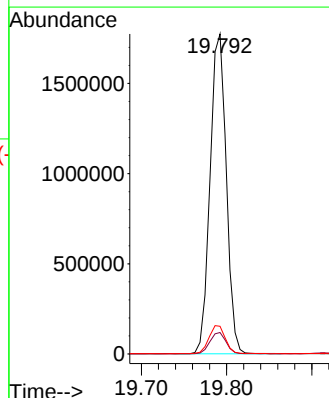
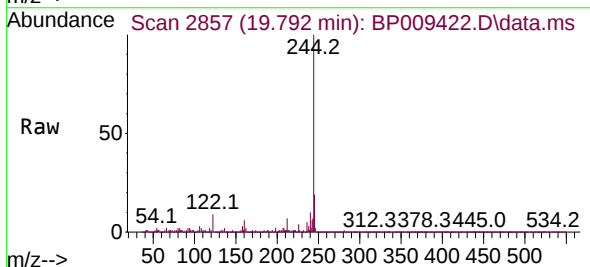
Tgt Ion:244 Resp: 2349475

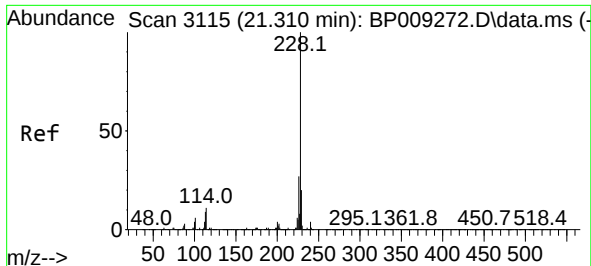
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 8.6 8.3 12.5

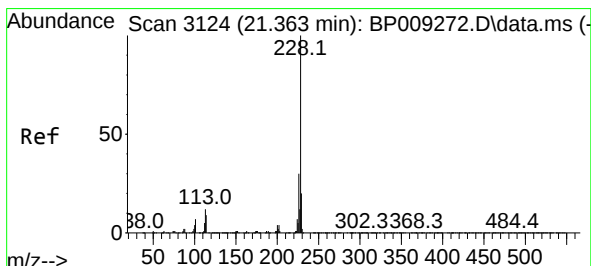
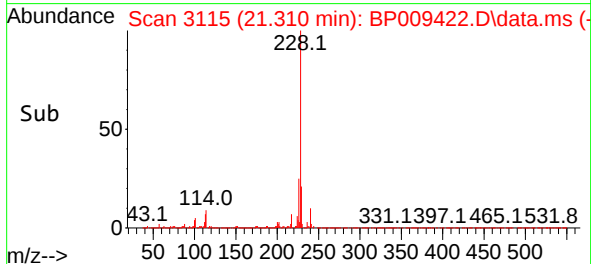
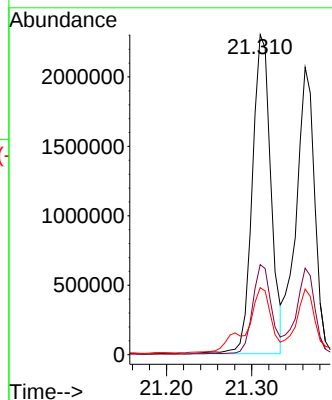
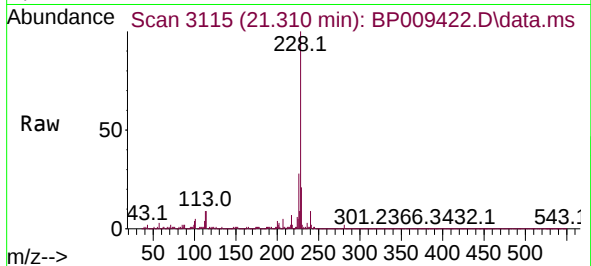




#81
Benzo(a)anthracene
Concen: 28.226 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

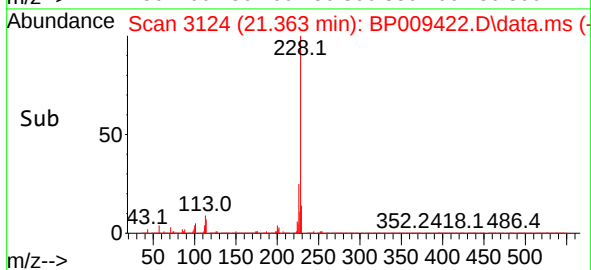
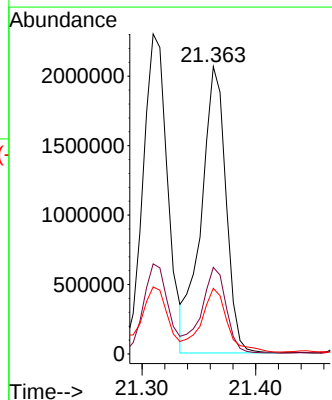
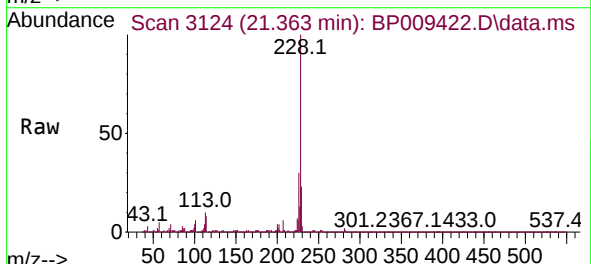
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

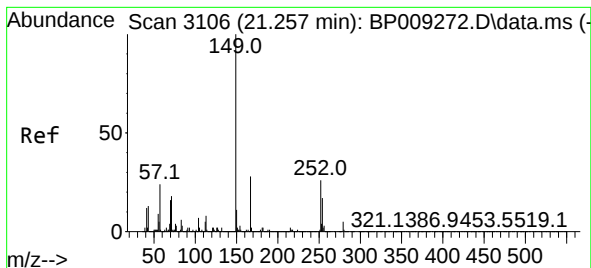
Tgt Ion:228 Resp: 3485781
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 21.0 16.1 24.1



#83
Chrysene
Concen: 26.035 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:228 Resp: 3121666
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 22.8 16.1 24.1

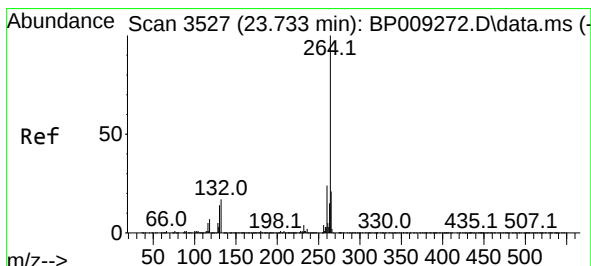
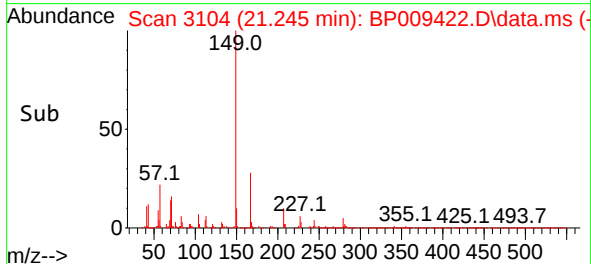
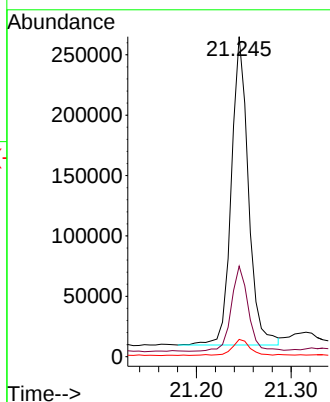
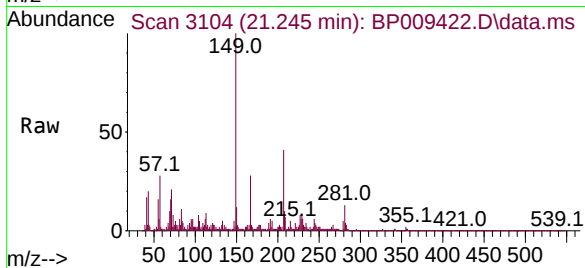




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.504 ng
 RT: 21.245 min Scan# 3106
 Delta R.T. -0.012 min
 Lab File: BP009422.D
 Acq: 16 Mar 2022 14:57

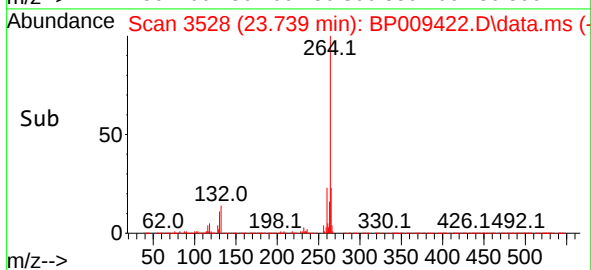
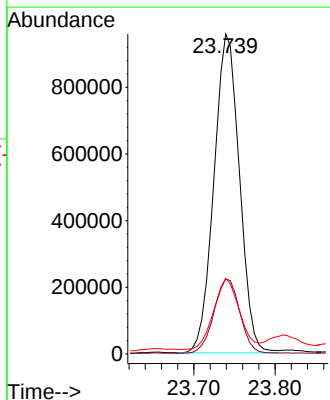
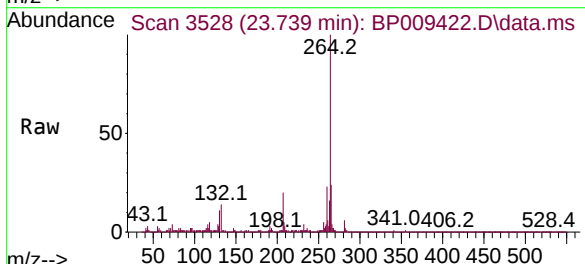
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-BDL

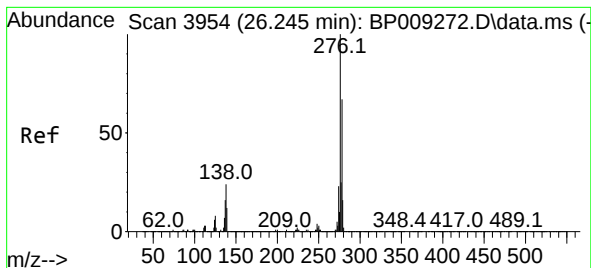
Tgt Ion:149 Resp: 319871
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 5.4 3.8 5.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3528
 Delta R.T. 0.006 min
 Lab File: BP009422.D
 Acq: 16 Mar 2022 14:57

Tgt Ion:264 Resp: 2092094
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 23.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.043 ng

RT: 26.245 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-BDL

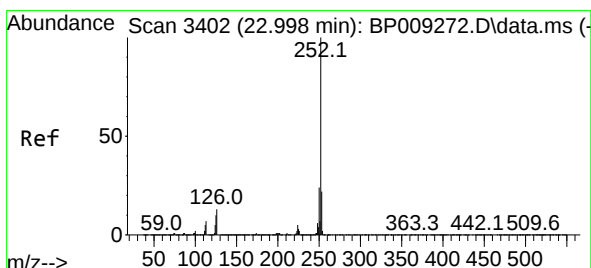
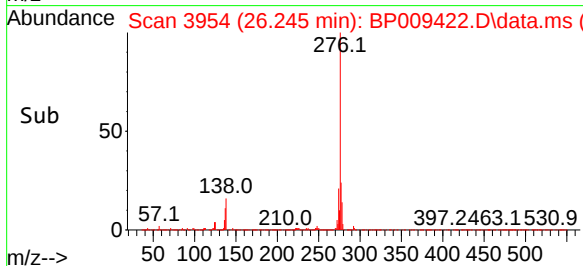
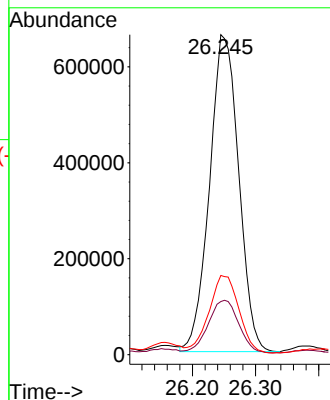
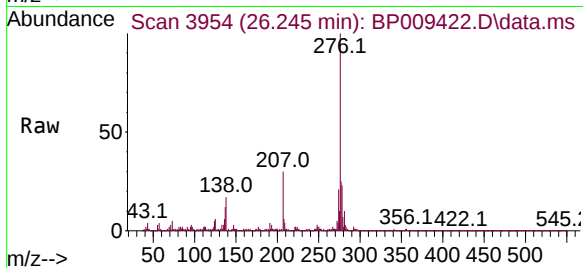
Tgt Ion:276 Resp: 2120004

Ion Ratio Lower Upper

276 100

138 17.3 20.5 30.7#

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.193 ng

RT: 23.010 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

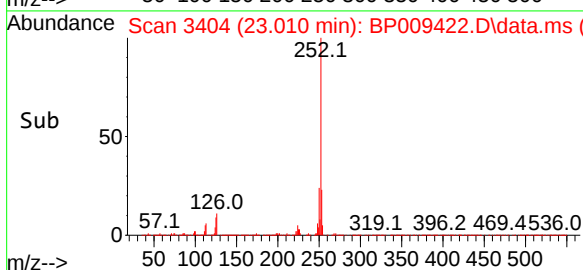
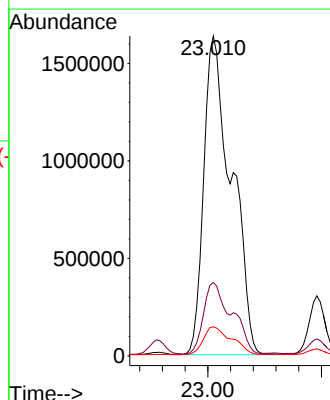
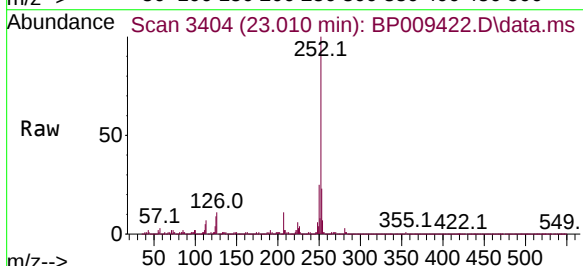
Tgt Ion:252 Resp: 5536223

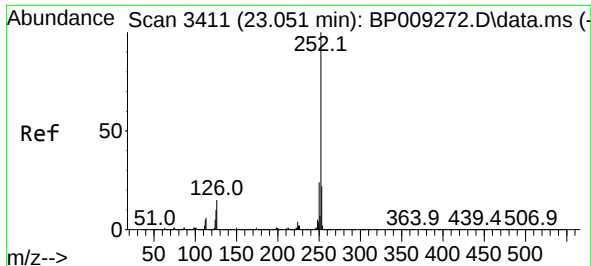
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.1 8.1 12.1

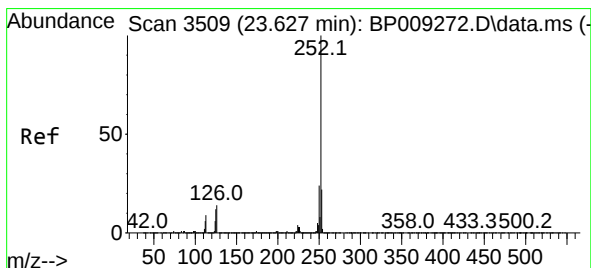
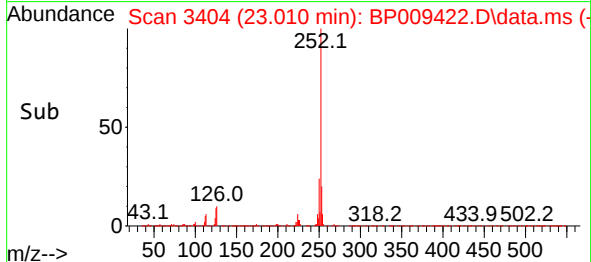
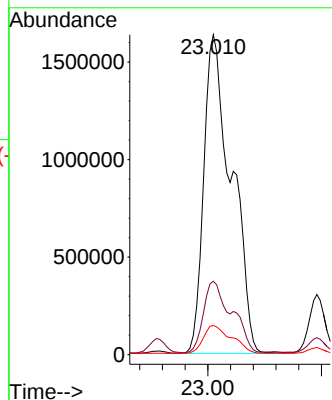
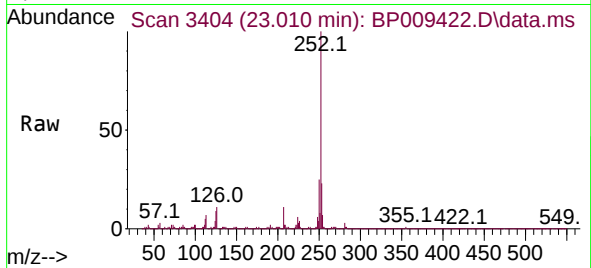




#89
Benzo(k)fluoranthene
Concen: 41.032 ng
RT: 23.010 min Scan# 3411
Delta R.T. -0.041 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

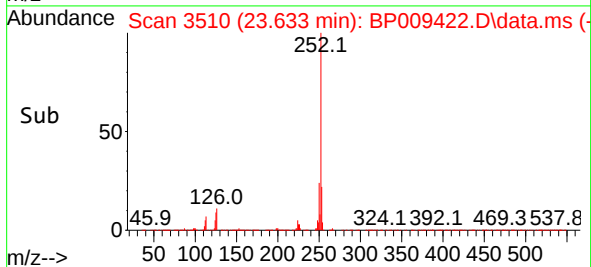
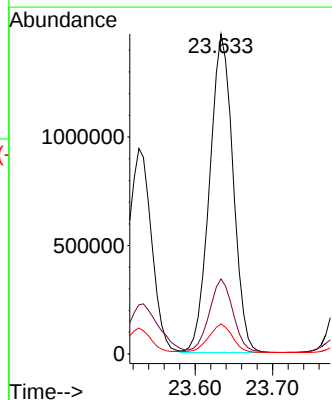
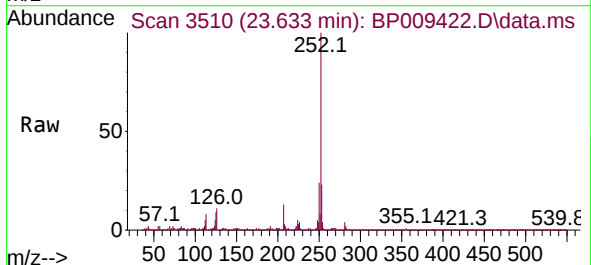
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-BDL

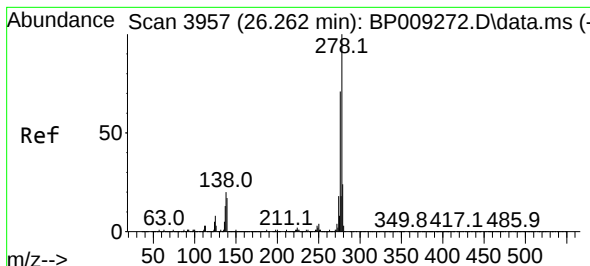
Tgt Ion:252 Resp: 5537181
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 23.019 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009422.D
Acq: 16 Mar 2022 14:57

Tgt Ion:252 Resp: 3083910
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 9.4 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 4.347 ng

RT: 26.262 min Scan# 3957

Delta R.T. 0.000 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

Instrument :

BNA_P

ClientSampleId :

JDSH-TB-STOCKPILE-BDL

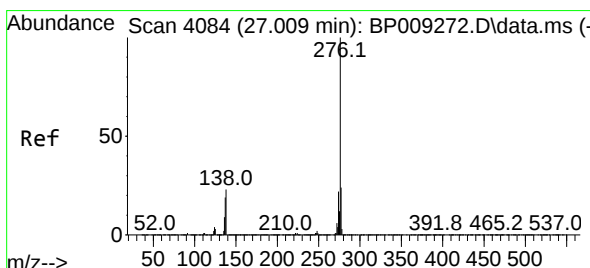
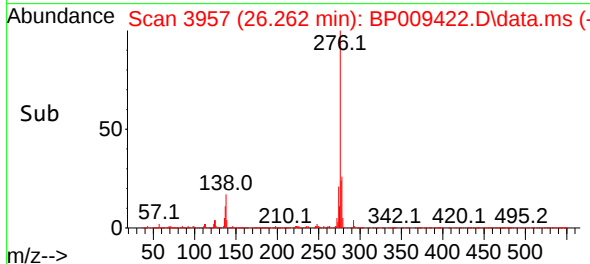
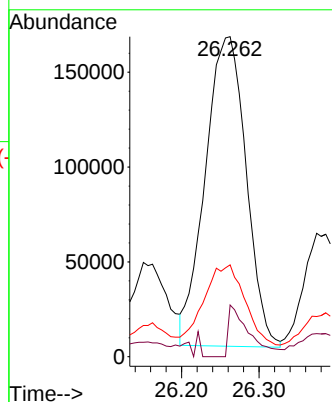
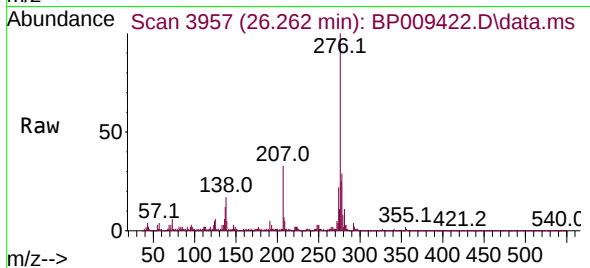
Tgt Ion:278 Resp: 599086

Ion Ratio Lower Upper

278 100

139 16.1 13.2 19.8

279 28.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 15.128 ng

RT: 27.027 min Scan# 4087

Delta R.T. 0.018 min

Lab File: BP009422.D

Acq: 16 Mar 2022 14:57

Tgt Ion:276 Resp: 2059843

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 17.5 18.0 27.0#

