

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
 Data File : BP008932.D
 Acq On : 26 Jan 2022 16:40
 Operator : CG/JU
 Sample : N1247-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Quant Time: Jan 27 05:22:40 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)

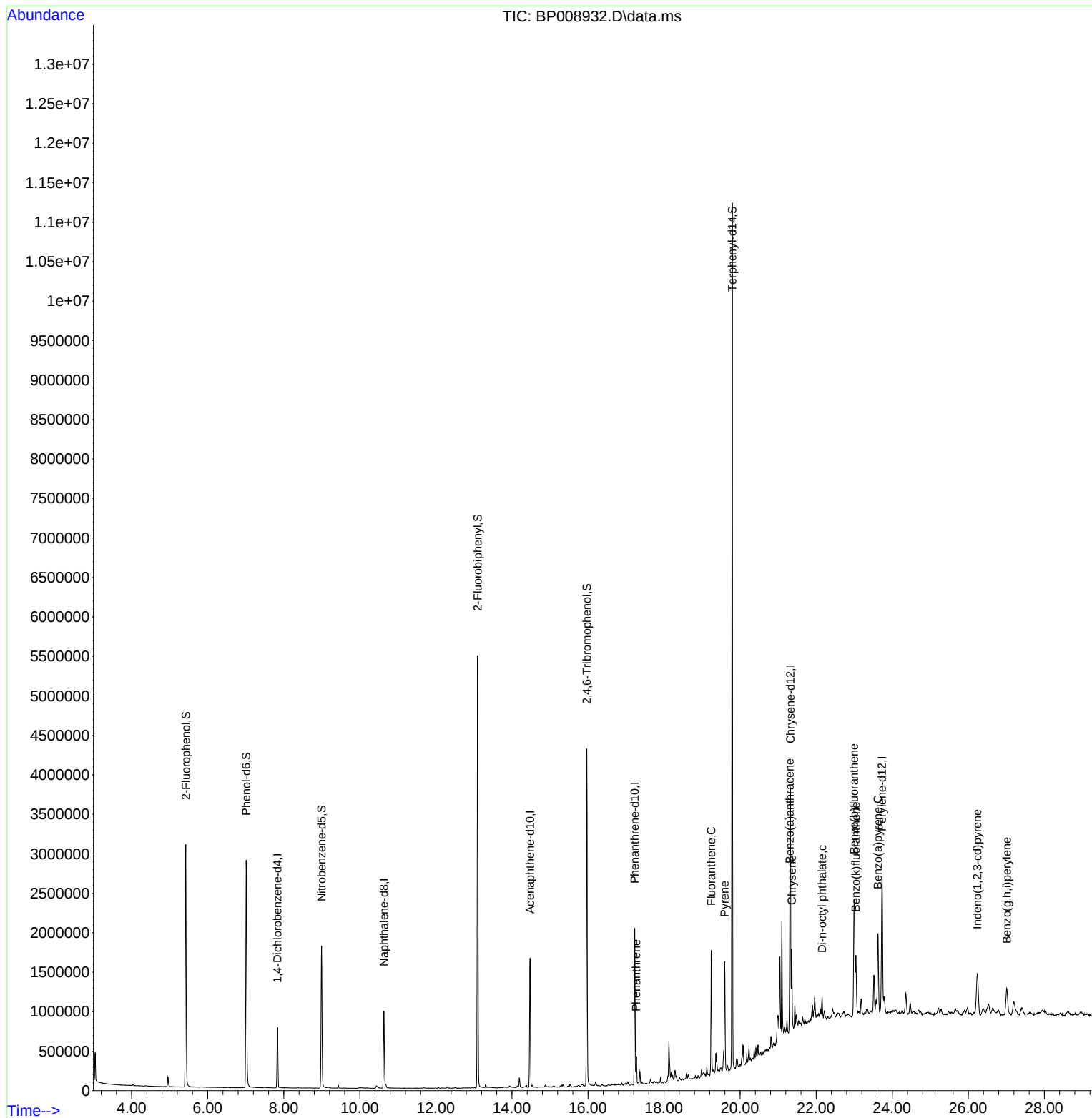
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	229235	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	895165	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	601344	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1259082	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1269982	20.000	ng	-0.01
86) Perylene-d12	23.733	264	1369108	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1508713	101.778	ng	0.00
7) Phenol-d6	7.011	99	1865501	103.925	ng	-0.01
23) Nitrobenzene-d5	8.993	82	1138886	72.231	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	940109	107.402	ng	-0.01
45) 2-Fluorobiphenyl	13.099	172	3074623	67.426	ng	0.00
79) Terphenyl-d14	19.792	244	4959473	65.917	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.269	178	226901	3.201	ng	97
75) Fluoranthene	19.239	202	860500	10.915	ng	97
78) Pyrene	19.592	202	883477	9.970	ng	97
81) Benzo(a)anthracene	21.304	228	673215	7.879	ng	99
83) Chrysene	21.357	228	635364	7.671	ng	99
85) Di-n-octyl phthalate	22.157	149	188287	2.017	ng	99
87) Indeno(1,2,3-cd)pyrene	26.239	276	524971	4.653	ng	# 95
88) Benzo(b)fluoranthene	22.998	252	1102105	12.054	ng	99
89) Benzo(k)fluoranthene	23.039	252	504452	5.700	ng	99
90) Benzo(a)pyrene	23.621	252	776587	8.800	ng	99
92) Benzo(g,h,i)perylene	27.010	276	476543	5.088	ng	99

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

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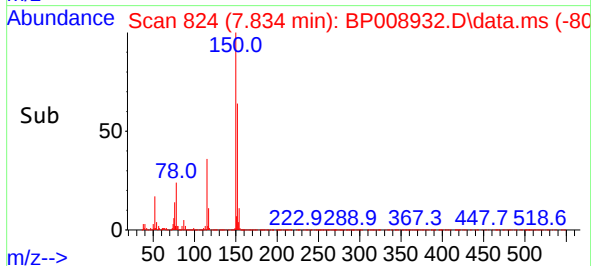
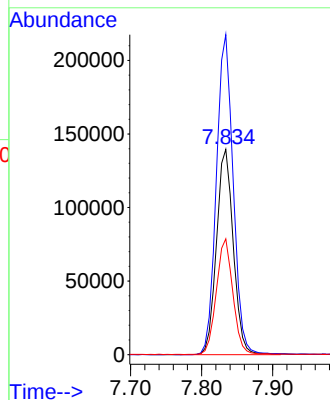
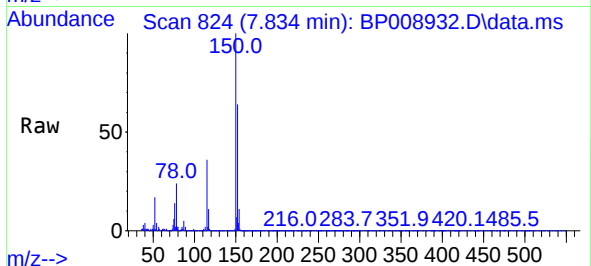




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

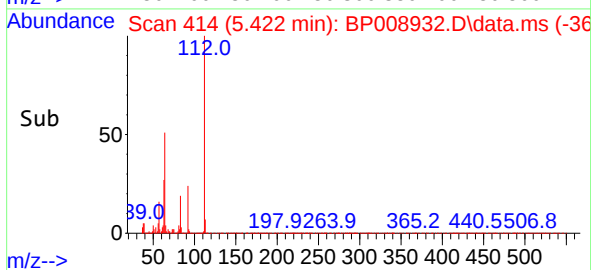
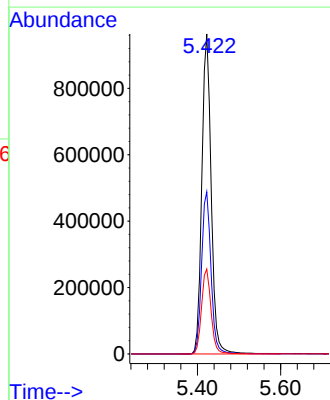
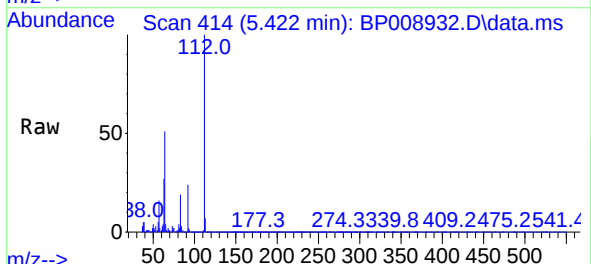
Instrument :
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ClientSampleId :
SS-1

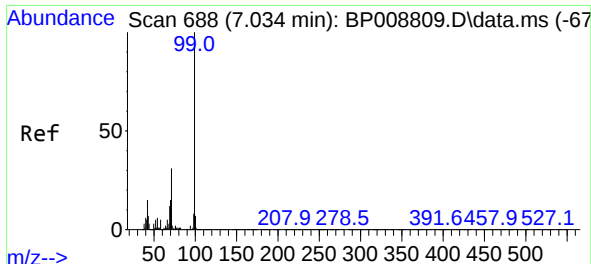
Tgt Ion:152 Resp: 229235
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 56.5 43.7 65.5



#5
2-Fluorophenol
Concen: 101.778 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:112 Resp: 1508713
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.6 20.0 30.0



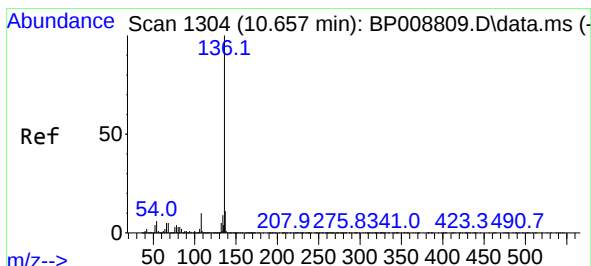
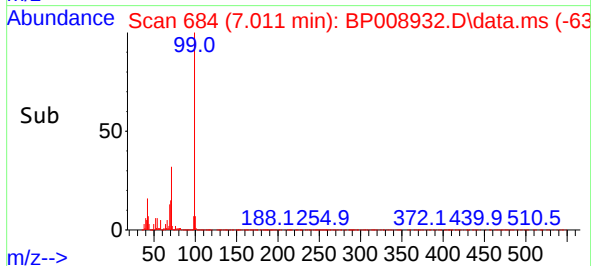
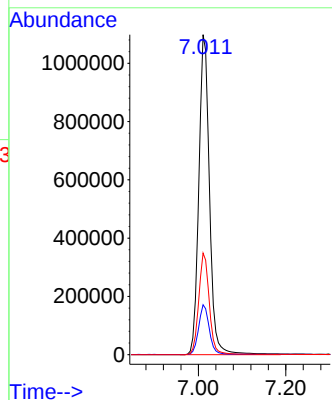
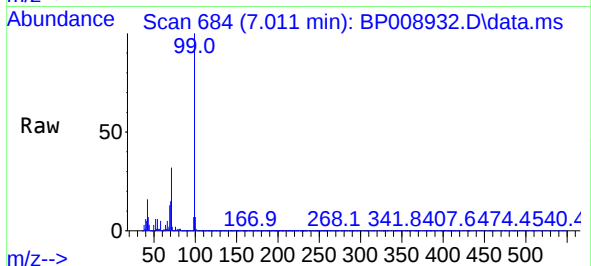


#7
Phenol-d6
Concen: 103.925 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Instrument :
BNA_P
ClientSampleId :
SS-1

Tgt Ion: 99 Resp: 1865501

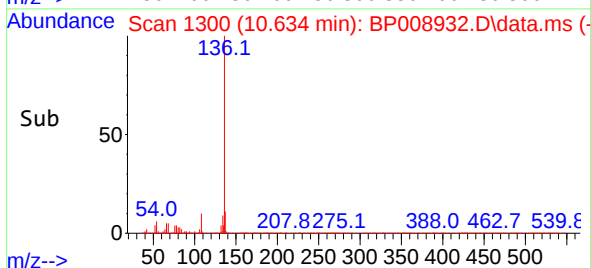
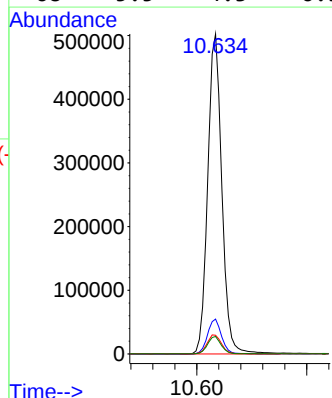
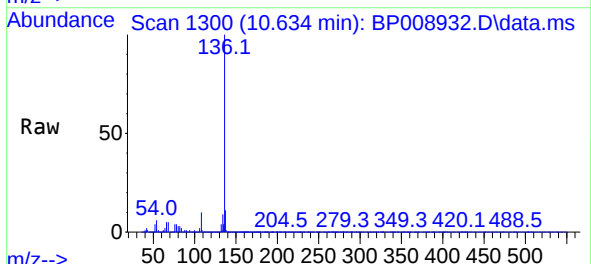
Ion	Ratio	Lower	Upper
99	100		
42	15.6	10.8	16.2
71	31.8	23.8	35.6

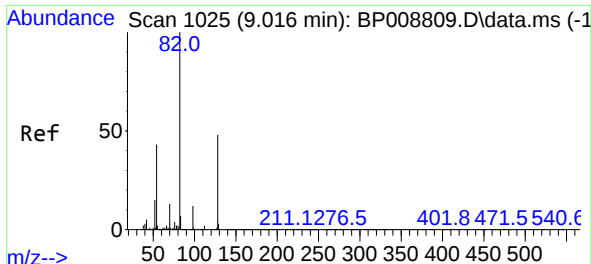


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:136 Resp: 895165

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.9	7.3
68	5.5	4.3	6.5

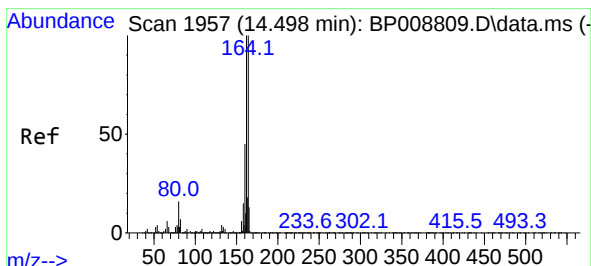
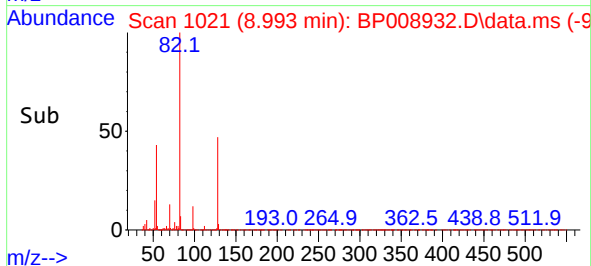
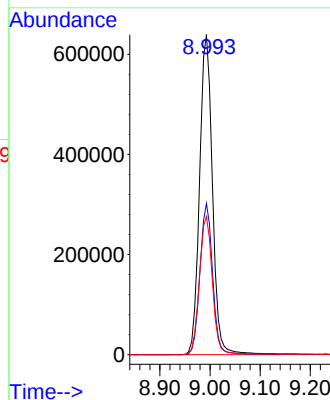
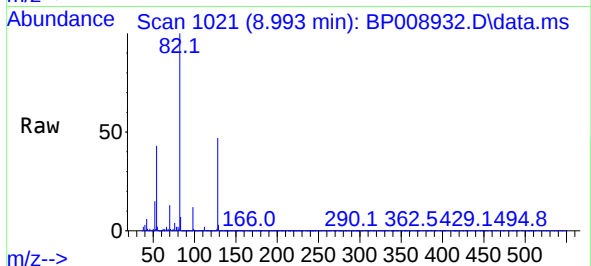




#23
Nitrobenzene-d5
Concen: 72.231 ng
RT: 8.993 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

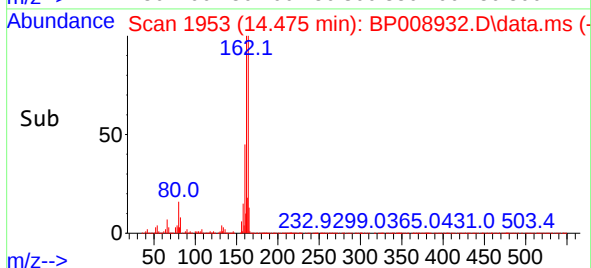
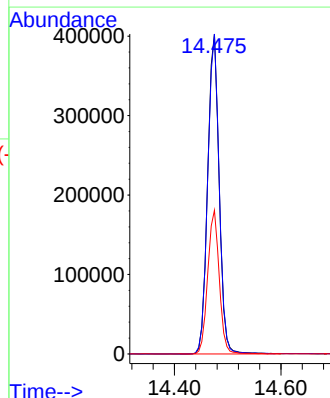
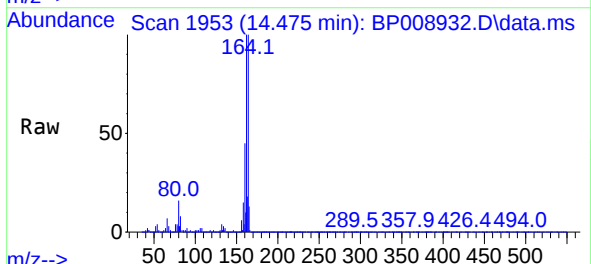
Instrument :
BNA_P
ClientSampleId :
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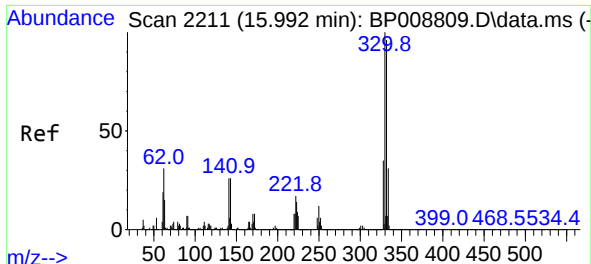
Tgt Ion: 82 Resp: 1138886
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 43.2 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion: 164 Resp: 601344
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.9 35.5 53.3

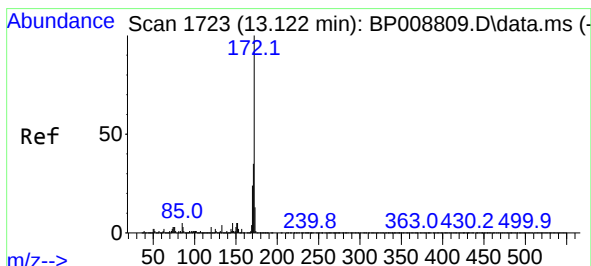
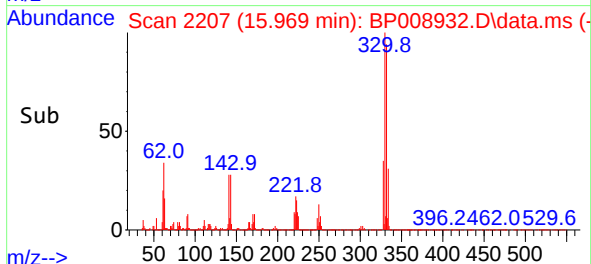
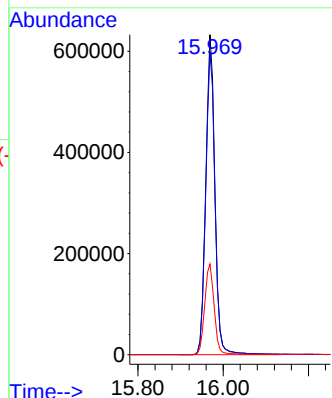
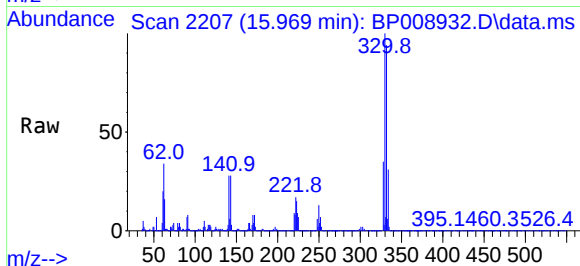




#42
2,4,6-Tribromophenol
Concen: 107.402 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

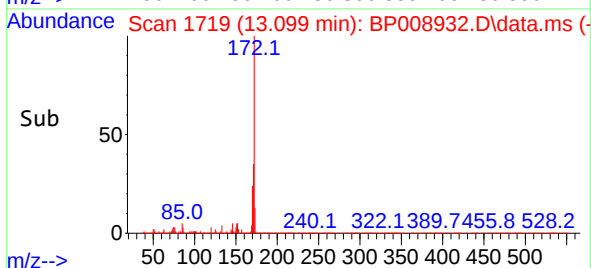
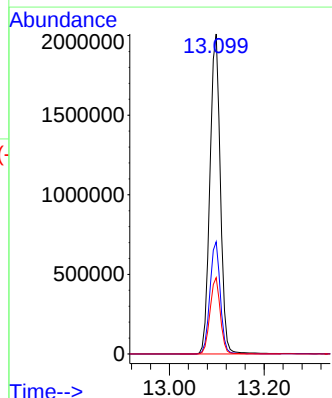
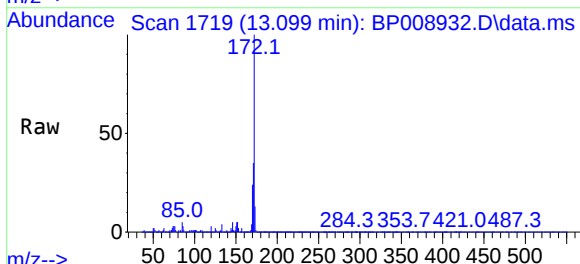
Instrument :
BNA_P
ClientSampleId :
SS-1

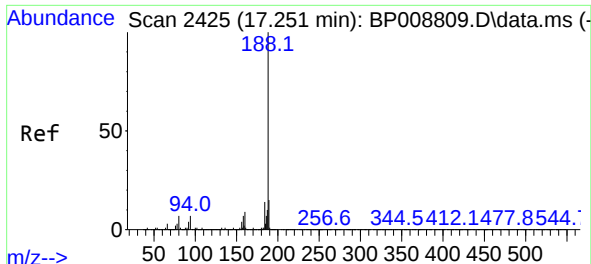
Tgt Ion:330 Resp: 940109
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 29.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 67.426 ng
RT: 13.099 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:172 Resp: 3074623
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.8 19.5 29.3

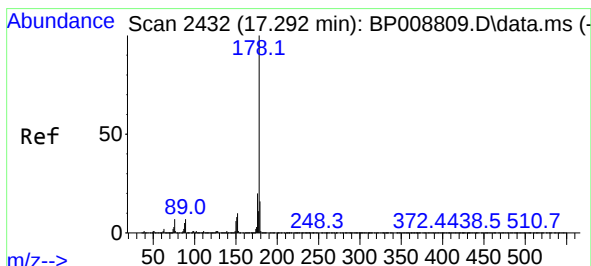
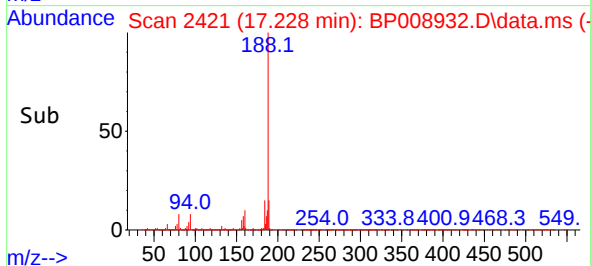
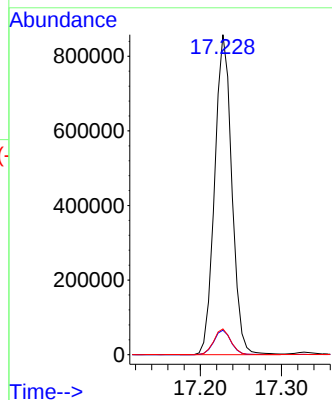
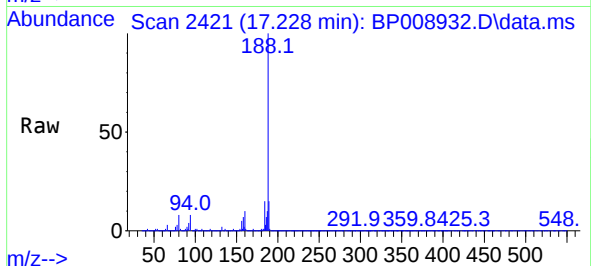




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

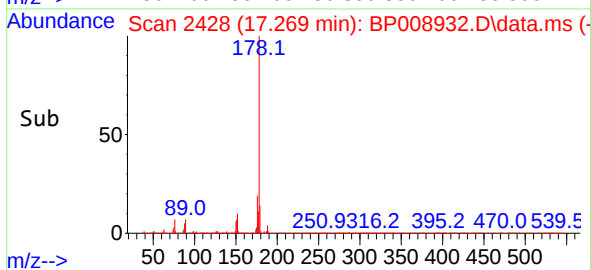
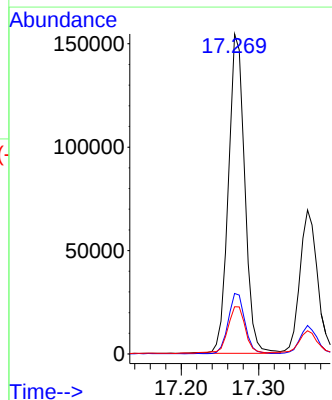
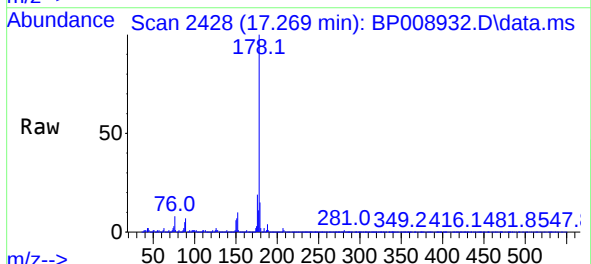
Instrument :
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ClientSampleId :
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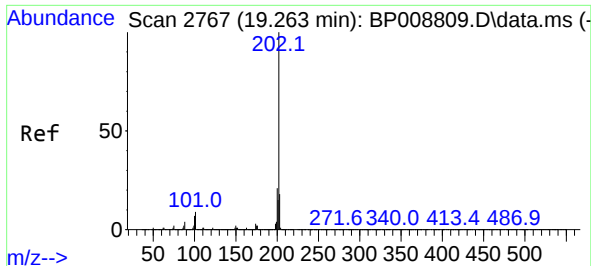
Tgt Ion:188 Resp: 1259082
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.1 7.2 10.8



#71
Phenanthrene
Concen: 3.201 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:178 Resp: 226901
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 14.8 13.0 19.4

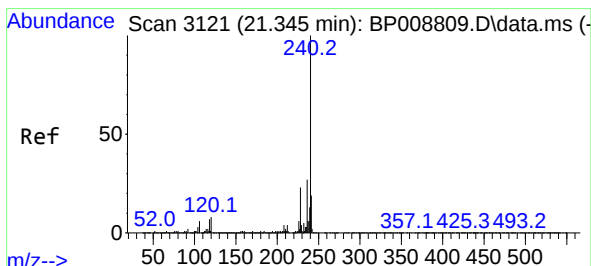
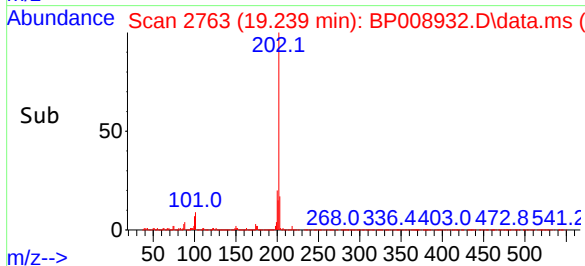
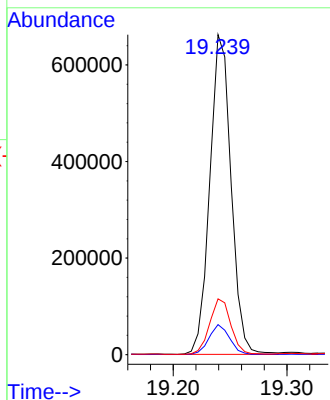
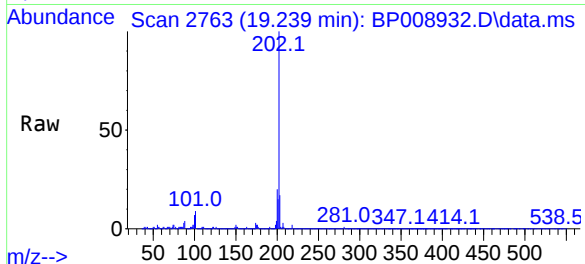




#75
Fluoranthene
Concen: 10.915 ng
RT: 19.239 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

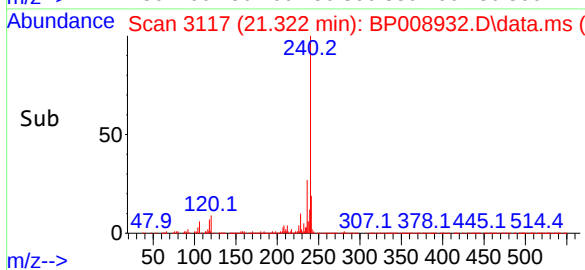
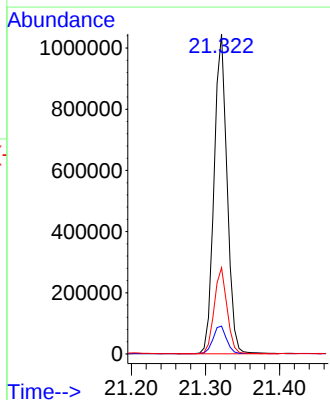
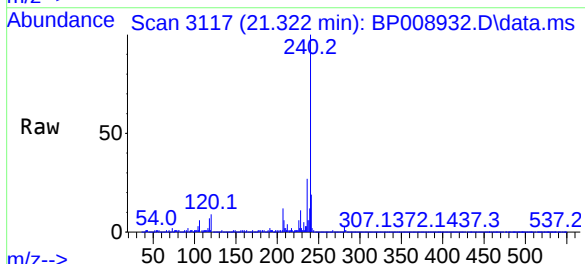
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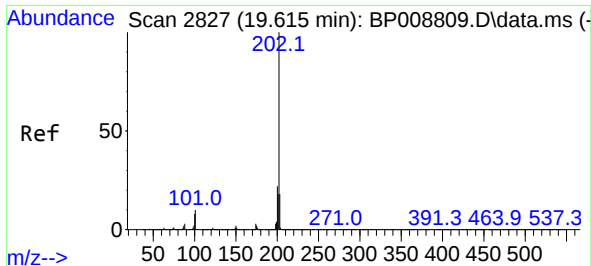
Tgt Ion:202 Resp: 860500
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.4 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:240 Resp: 1269982
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 27.0 21.2 31.8

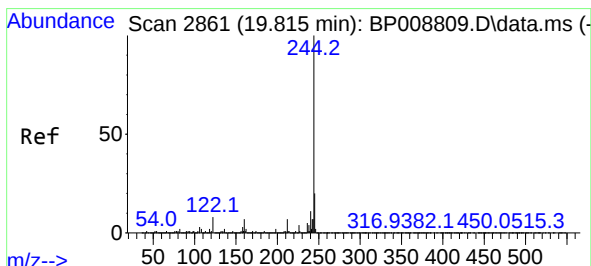
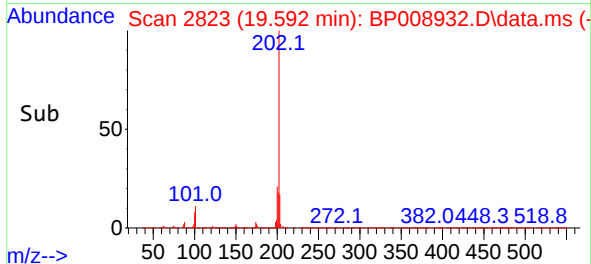
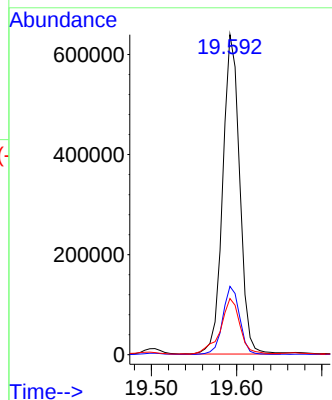
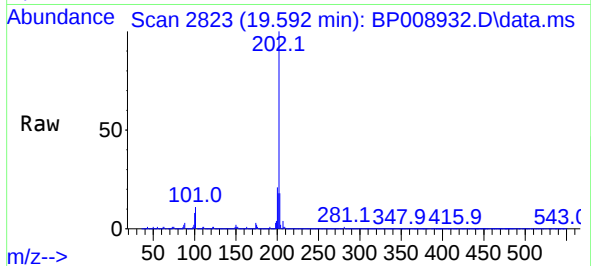




#78
 Pyrene
 Concen: 9.970 ng
 RT: 19.592 min Scan# 2823
 Delta R.T. -0.012 min
 Lab File: BP008932.D
 Acq: 26 Jan 2022 16:40

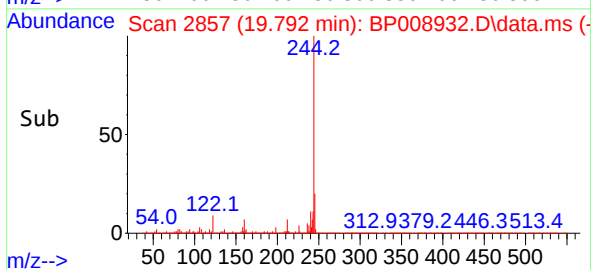
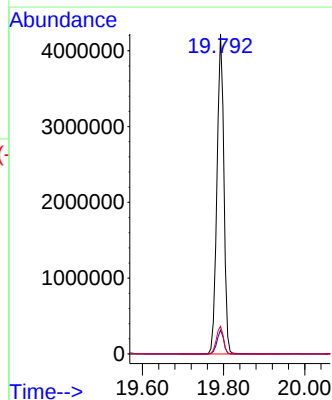
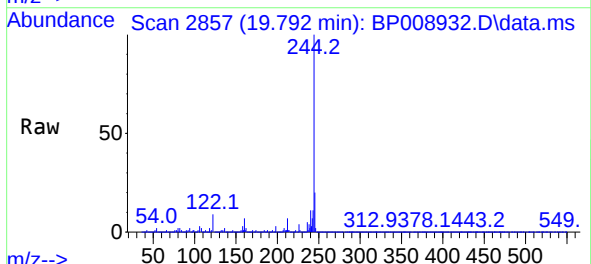
Instrument :
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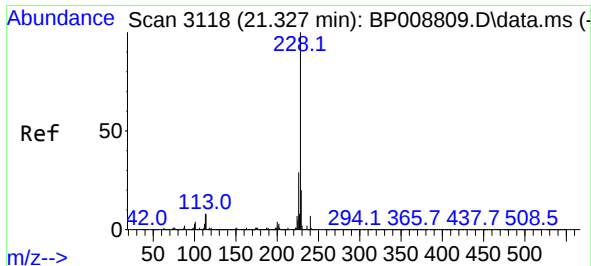
Tgt Ion:202 Resp: 883477
 Ion Ratio Lower Upper
 202 100
 200 21.3 18.0 27.0
 203 17.6 15.0 22.6



#79
 Terphenyl-d14
 Concen: 65.917 ng
 RT: 19.792 min Scan# 2857
 Delta R.T. -0.012 min
 Lab File: BP008932.D
 Acq: 26 Jan 2022 16:40

Tgt Ion:244 Resp: 4959473
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.7 9.2 13.8

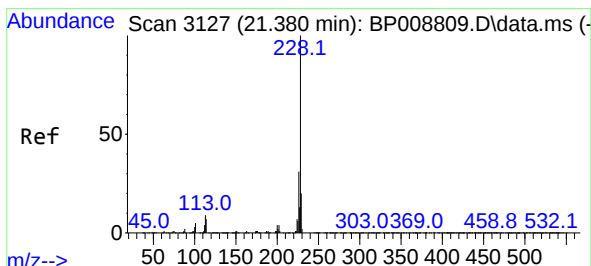
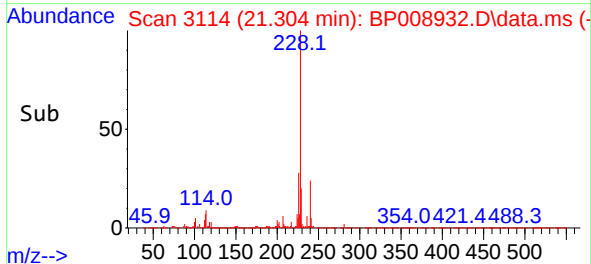
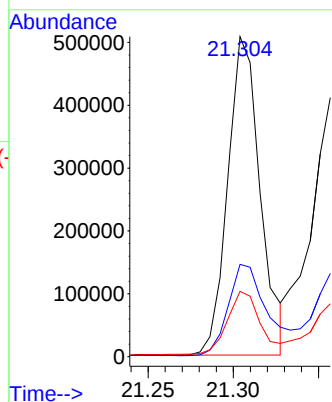
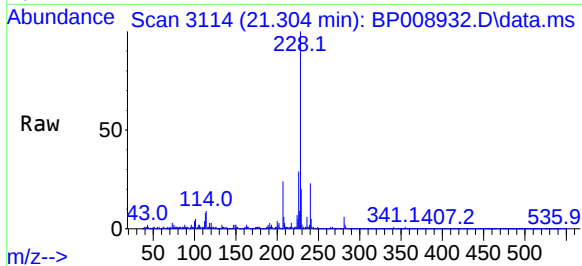




#81
Benzo(a)anthracene
Concen: 7.879 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

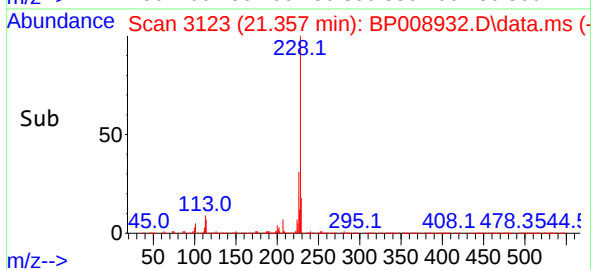
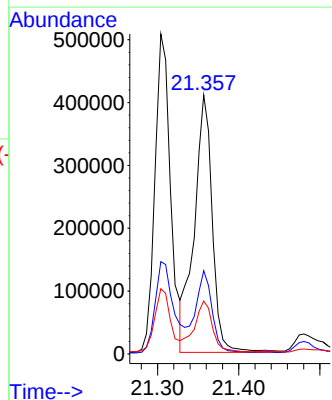
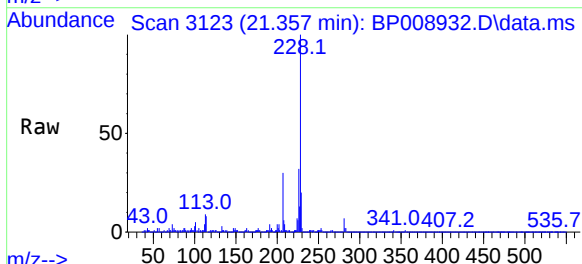
Instrument :
BNA_P
ClientSampleId :
SS-1

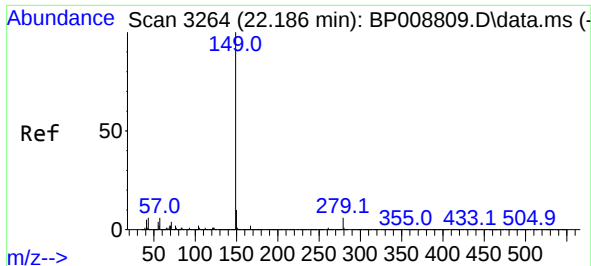
Tgt Ion:228 Resp: 673215
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 20.4 17.0 25.6



#83
Chrysene
Concen: 7.671 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:228 Resp: 635364
Ion Ratio Lower Upper
228 100
226 32.1 26.0 39.0
229 20.4 16.9 25.3

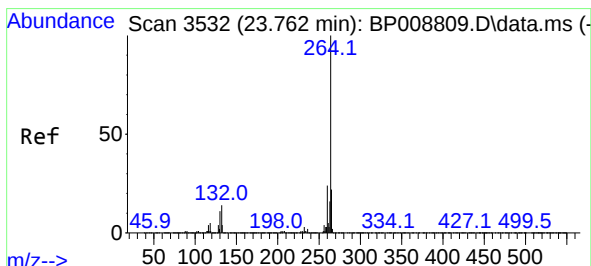
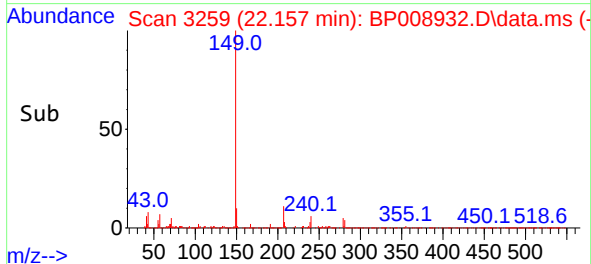
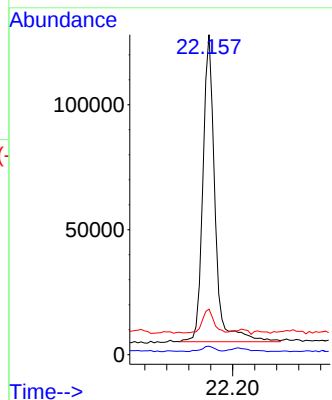
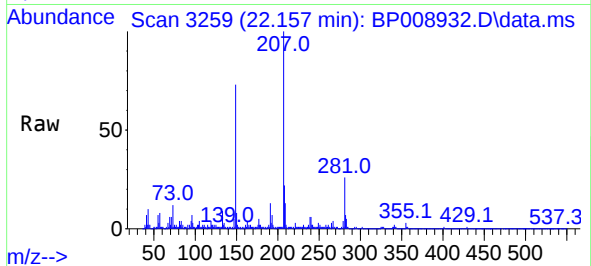




#85
Di-n-octyl phthalate
Concen: 2.017 ng
RT: 22.157 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

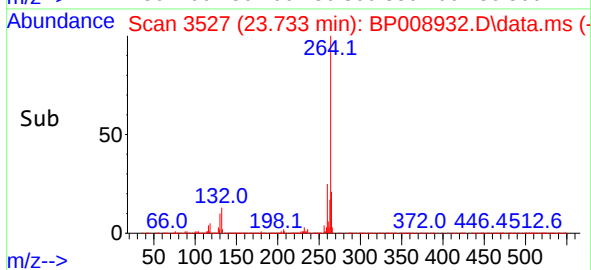
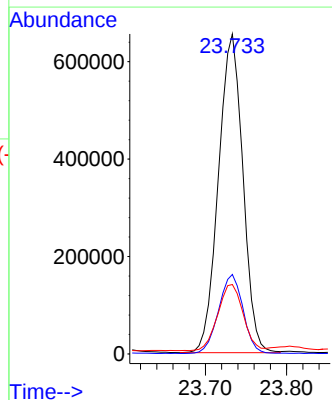
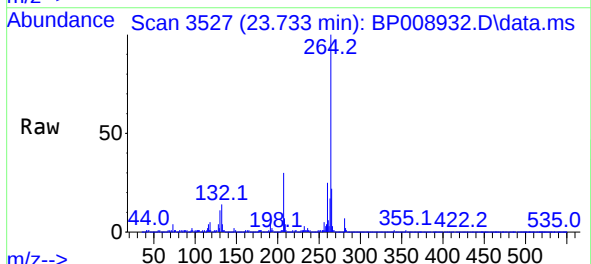
Instrument :
BNA_P
ClientSampleId :
SS-1

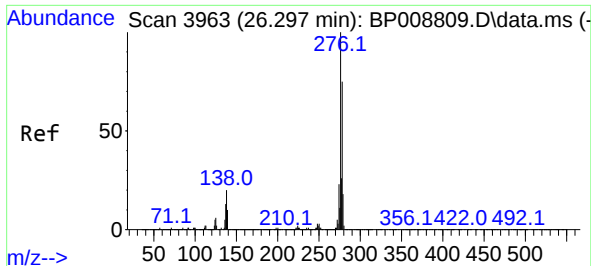
Tgt Ion:149 Resp: 188287
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 7.4 5.4 8.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:264 Resp: 1369108
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 21.7 17.1 25.7

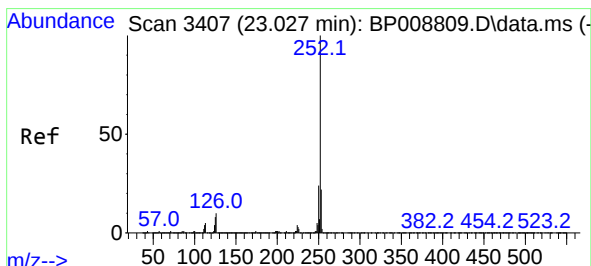
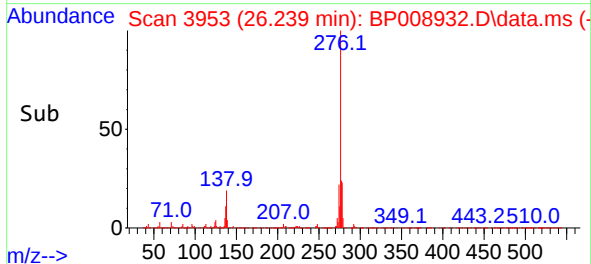
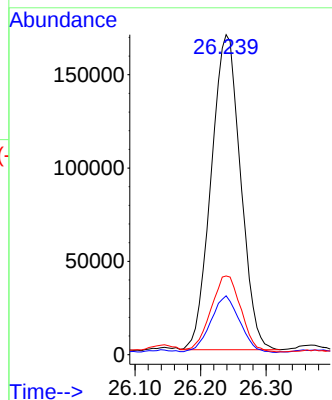
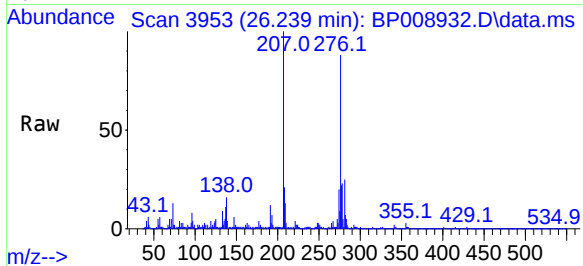




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.653 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.041 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

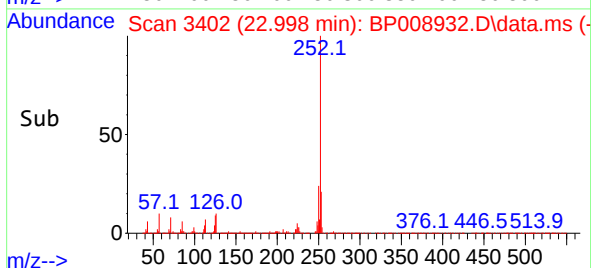
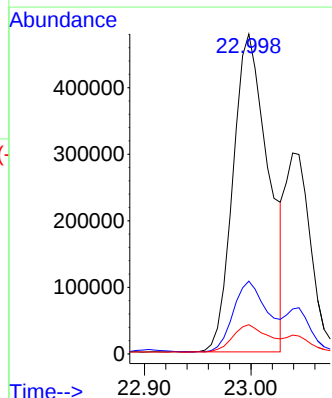
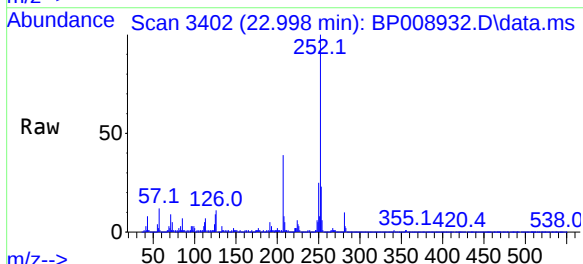
Instrument :
BNA_P
ClientSampleId :
SS-1

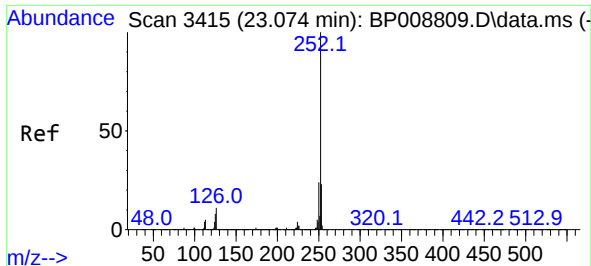
Tgt Ion:276 Resp: 524971
Ion Ratio Lower Upper
276 100
138 17.7 17.8 26.6#
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 12.054 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.018 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:252 Resp: 1102105
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 9.1 6.9 10.3

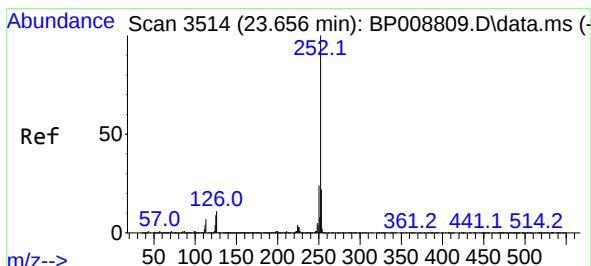
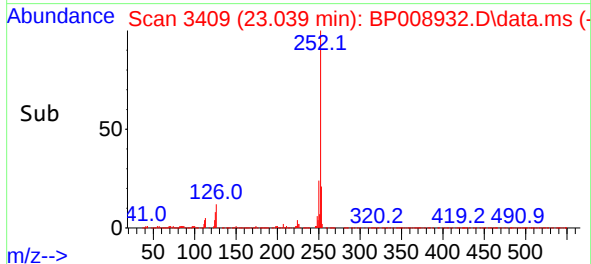
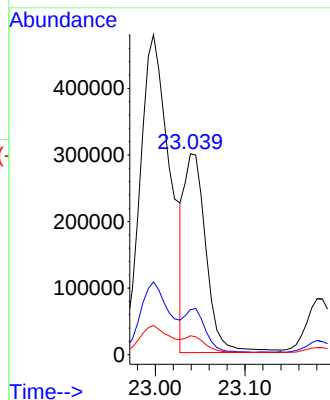
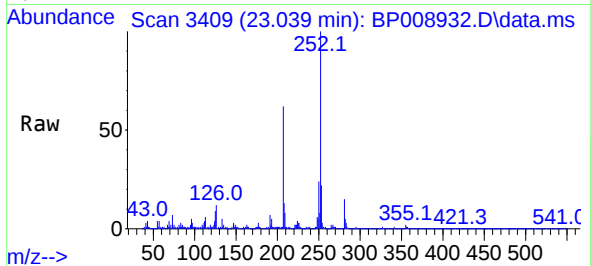




#89
Benzo(k)fluoranthene
Concen: 5.700 ng
RT: 23.039 min Scan# 3415
Delta R.T. -0.023 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

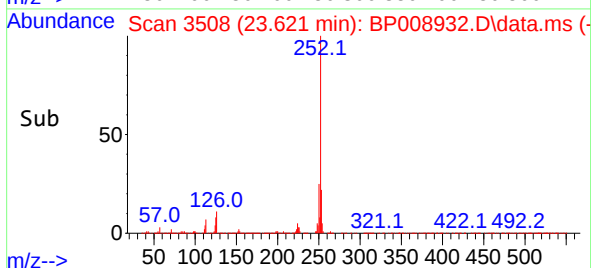
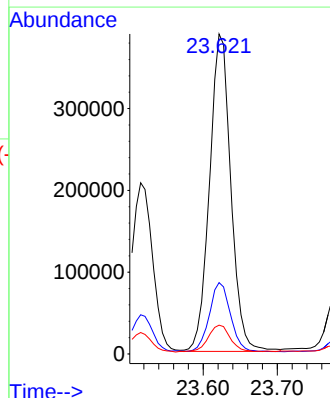
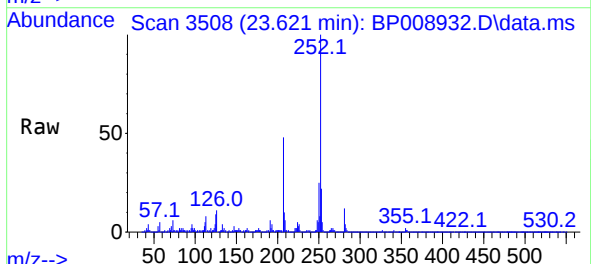
Instrument :
BNA_P
ClientSampleId :
SS-1

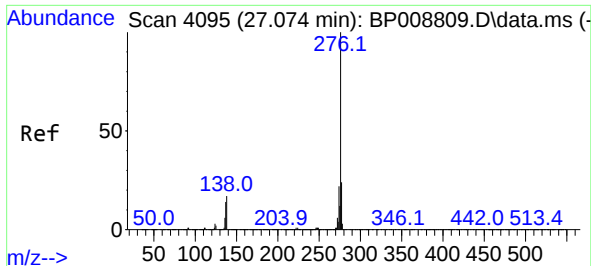
Tgt Ion:252 Resp: 504452
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 8.800 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.023 min
Lab File: BP008932.D
Acq: 26 Jan 2022 16:40

Tgt Ion:252 Resp: 776587
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 5.088 ng
 RT: 27.010 min Scan# 4084
 Delta R.T. -0.041 min
 Lab File: BP008932.D
 Acq: 26 Jan 2022 16:40

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Tgt Ion:276 Resp: 476543

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	18.9	15.0	22.4

