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 Data File : BP013444.D
 Acq On : 11 Jan 2023 15:20
 Operator : CG/JU
 Sample : 01089-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

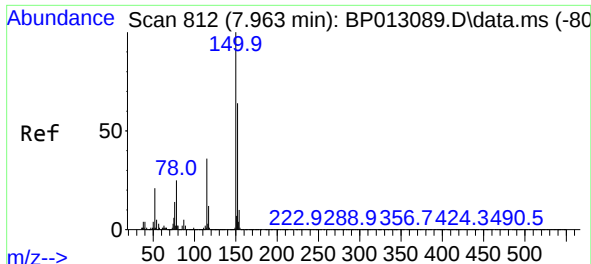
Instrument :
 BNA_P
 ClientSampleId :
 PL-1-010923

Quant Time: Jan 11 16:04:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 03:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	582888	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2533680	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1770269	20.000	ng	0.02
64) Phenanthrene-d10	17.322	188	4128906	20.000	ng	0.01
76) Chrysene-d12	21.422	240	3253666	20.000	ng	0.03
86) Perylene-d12	23.892	264	3462753	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3801215	119.154	ng	0.01
7) Phenol-d6	7.087	99	5000537	120.027	ng	0.01
23) Nitrobenzene-d5	9.087	82	2976200	64.397	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	3115908	145.986	ng	0.02
45) 2-Fluorobiphenyl	13.187	172	7424605	56.946	ng	0.00
79) Terphenyl-d14	19.892	244	11701512	70.953	ng	0.03
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.828	139	864	2.823	ng	# 1
32) Benzoic acid	9.975	122	5210	4.541	ng	# 77
54) 2,4-Dinitrophenol	14.669	184	1135	3.659	ng	# 1
62) 4-Nitroaniline	15.640	138	4399	2.038	ng	# 1
63) Azobenzene	15.928	77	454890	4.112	ng	# 1
71) Phenanthrene	17.369	178	651233	2.772	ng	99
75) Fluoranthene	19.339	202	1413177	5.588	ng	85
78) Pyrene	19.698	202	1635206	6.994	ng	# 96
80) Butylbenzylphthalate	20.551	149	63658	2.820	ng	# 4
81) Benzo(a)anthracene	21.404	228	804456	3.617	ng	# 88
83) Chrysene	21.457	228	1063892	4.904	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.310	149	220108	4.580	ng	# 84
85) Di-n-octyl phthalate	22.251	149	49757	2.446	ng	# 77
88) Benzo(b)fluoranthene	23.133	252	971325	4.357	ng	# 63
89) Benzo(k)fluoranthene	23.133	252	971325	4.307	ng	# 62
90) Benzo(a)pyrene	23.780	252	635428	3.396	ng	# 67
92) Benzo(g,h,i)perylene	27.280	276	536196	2.301	ng	# 79

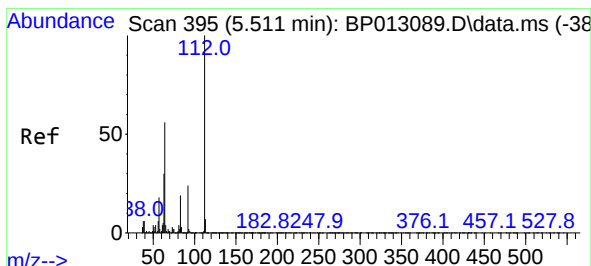
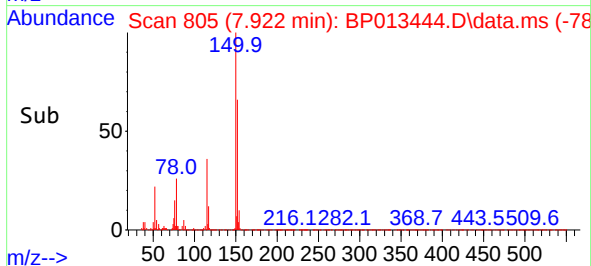
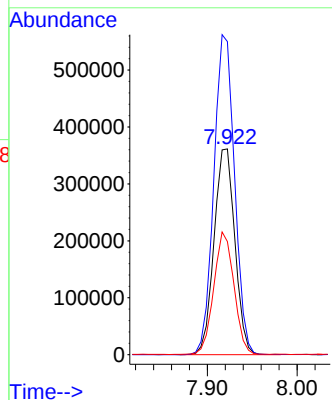
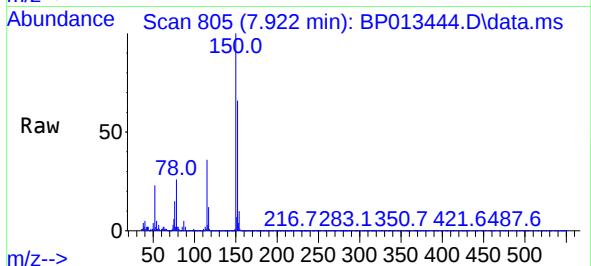
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.009 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

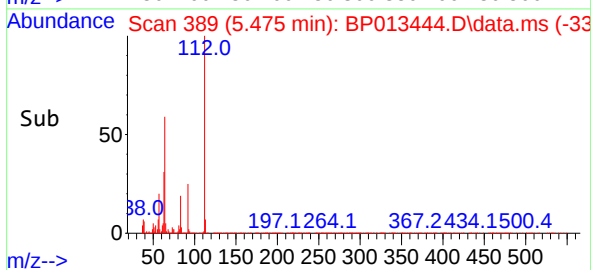
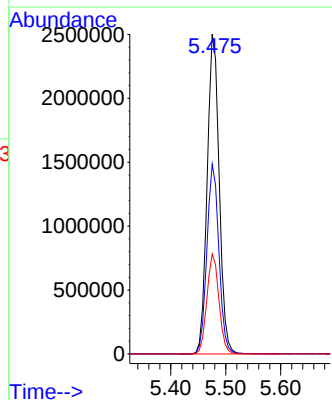
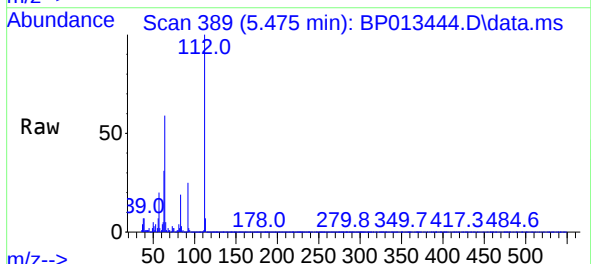
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

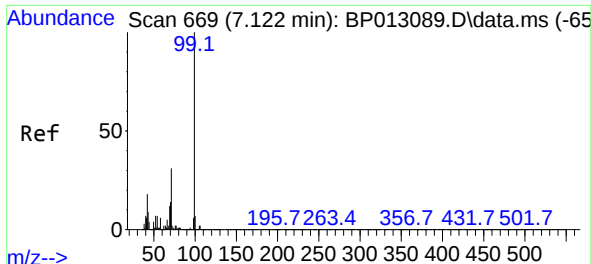
Tgt Ion:152 Resp: 582888
Ion Ratio Lower Upper
152 100
150 152.2 125.3 187.9
115 55.0 45.6 68.4



#5
2-Fluorophenol
Concen: 119.154 ng
RT: 5.475 min Scan# 389
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:112 Resp: 3801215
Ion Ratio Lower Upper
112 100
64 59.3 45.1 67.7
63 31.3 23.8 35.6



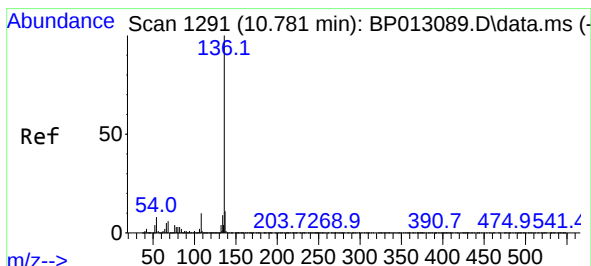
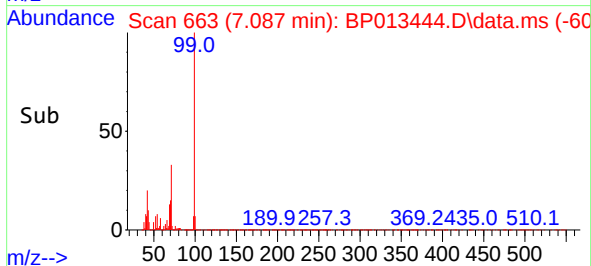
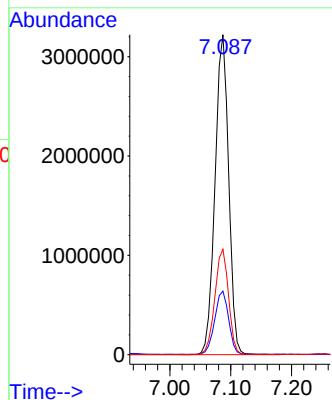
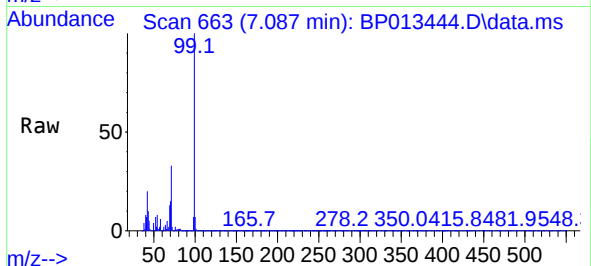


#7
Phenol-d6
Concen: 120.027 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Instrument :
BNA_P
ClientSampleId :
PL-1-010923

Tgt Ion: 99 Resp: 5000537

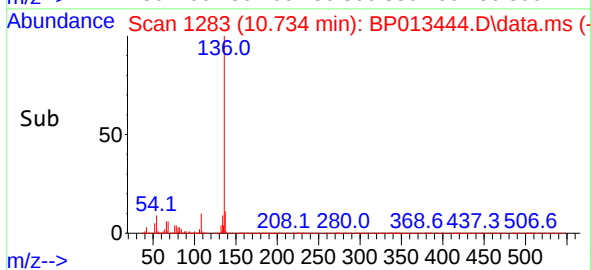
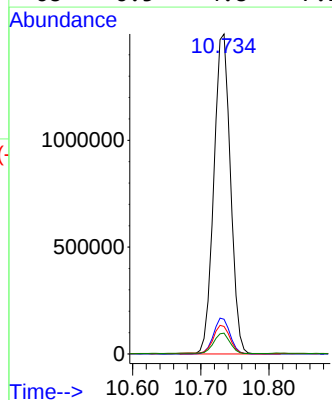
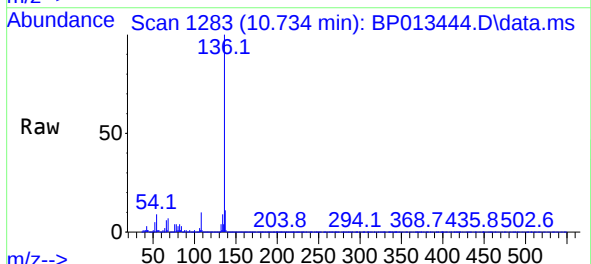
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.2	21.4
71	32.9	24.7	37.1

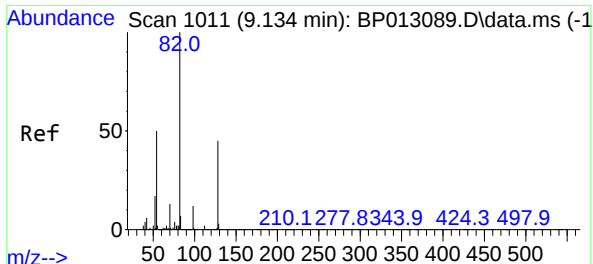


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.003 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion: 136 Resp: 2533680

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.6	6.2	9.4
68	6.5	4.8	7.2

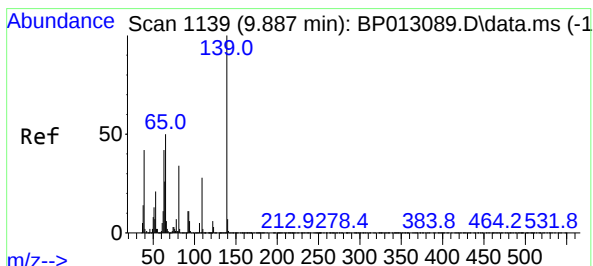
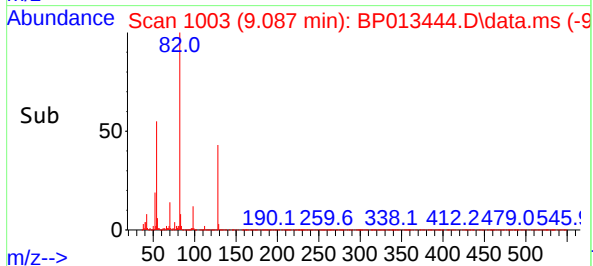
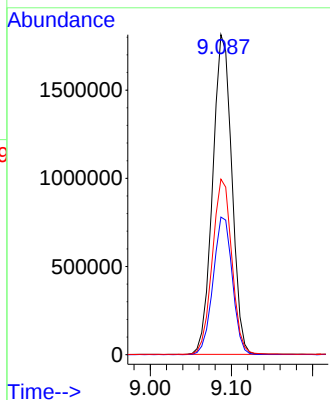
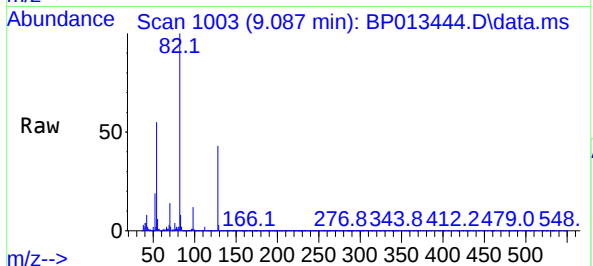




#23
Nitrobenzene-d5
Concen: 64.397 ng
RT: 9.087 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

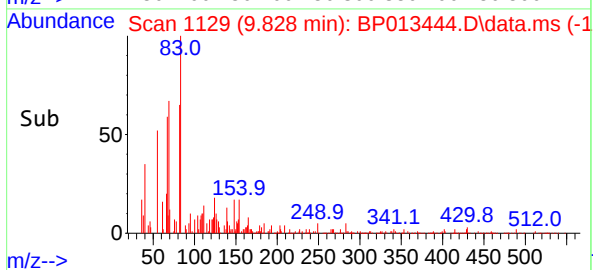
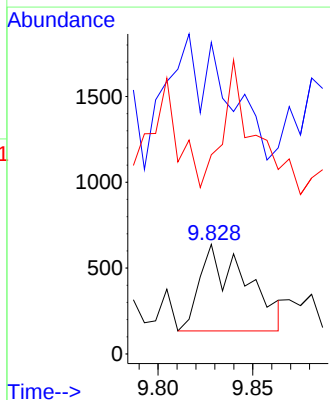
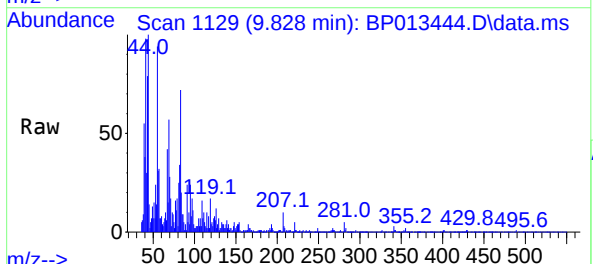
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

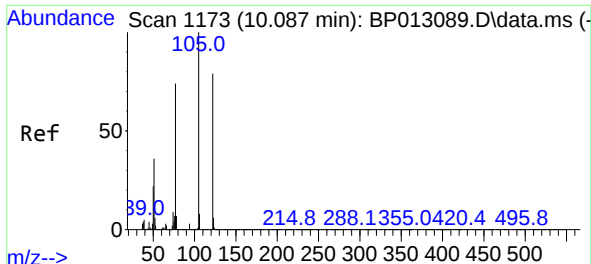
Tgt Ion: 82 Resp: 2976200
Ion Ratio Lower Upper
82 100
128 43.0 35.9 53.9
54 54.8 40.4 60.6



#26
2-Nitrophenol
Concen: 2.823 ng
RT: 9.828 min Scan# 1129
Delta R.T. -0.009 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion: 139 Resp: 864
Ion Ratio Lower Upper
139 100
109 284.5 22.5 33.7#
65 181.8 39.9 59.9#

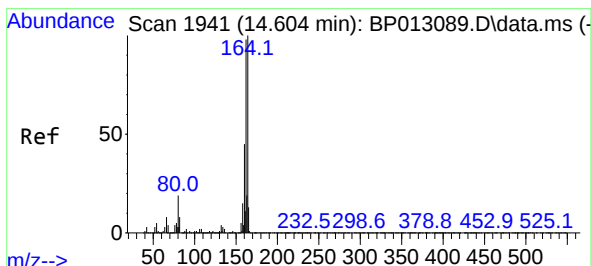
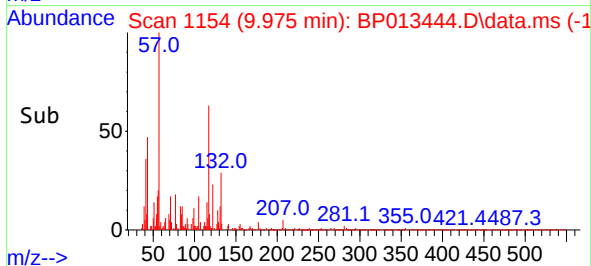
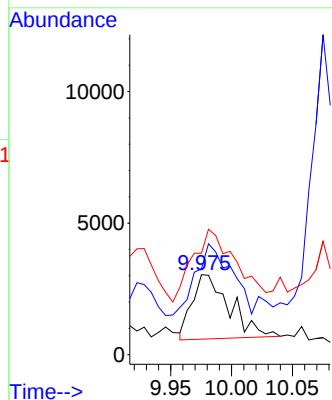
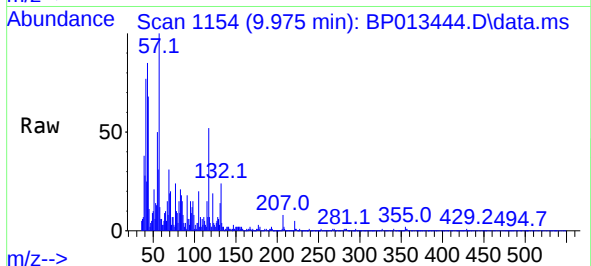




#32
Benzoic acid
Concen: 4.541 ng
RT: 9.975 min Scan# 1173
Delta R.T. -0.062 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

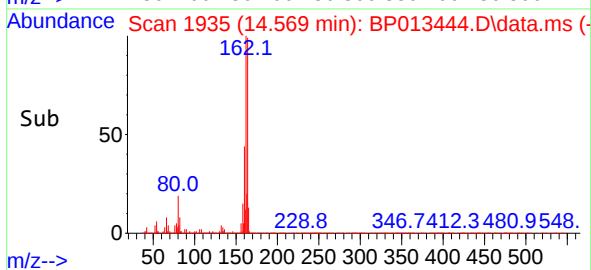
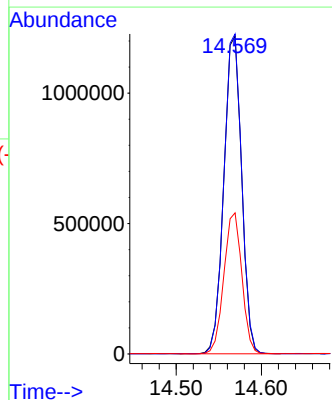
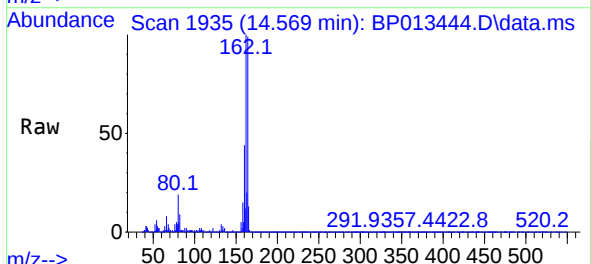
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

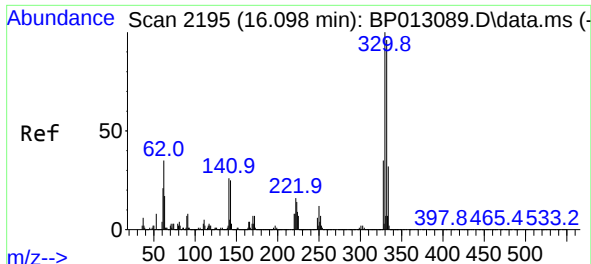
Tgt Ion:122 Resp: 5210
Ion Ratio Lower Upper
122 100
105 107.2 101.9 141.9
77 126.6 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:164 Resp: 1770269
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.4 36.0 54.0

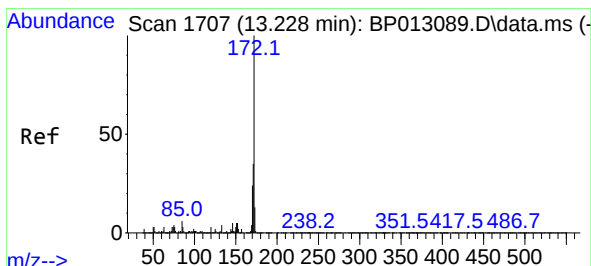
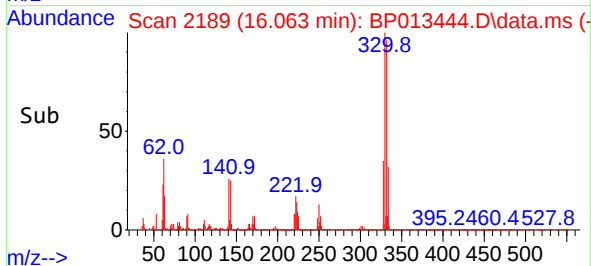
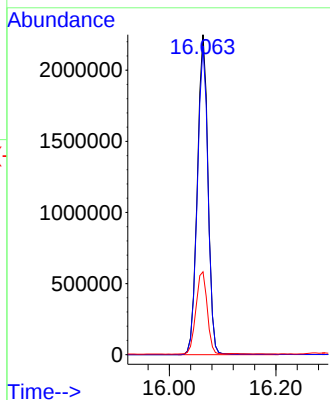
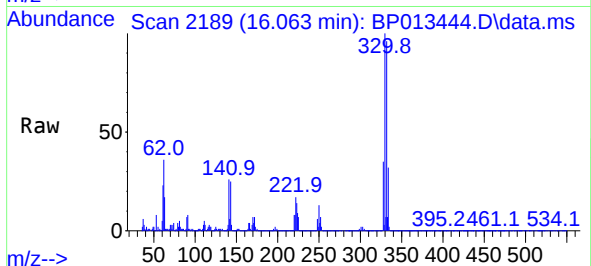




#42
2,4,6-Tribromophenol
Concen: 145.986 ng
RT: 16.063 min Scan# 2195
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

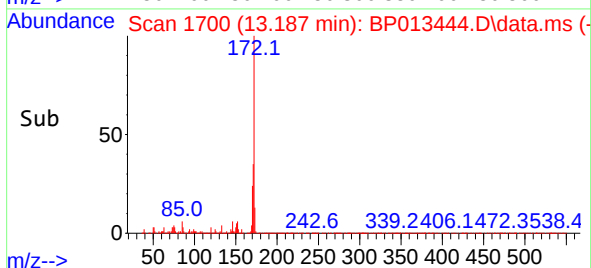
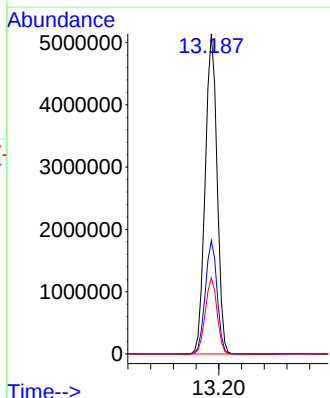
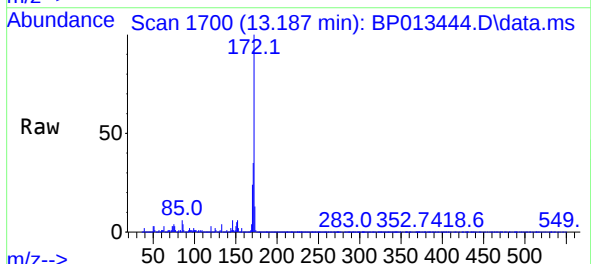
Instrument :
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ClientSampleId :
PL-1-010923

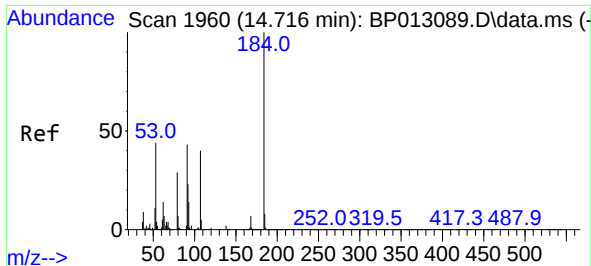
Tgt Ion:330 Resp: 3115908
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 27.2 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 56.946 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.009 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:172 Resp: 7424605
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.2 28.8

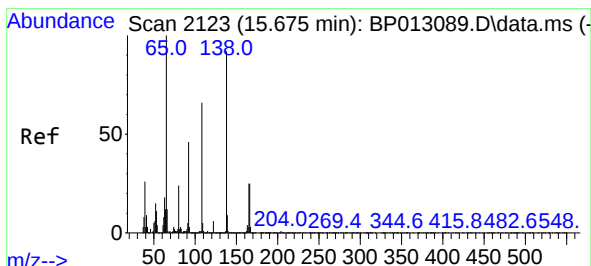
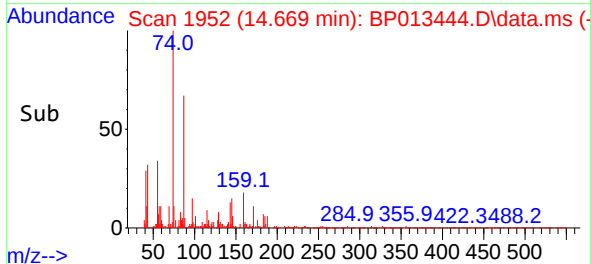
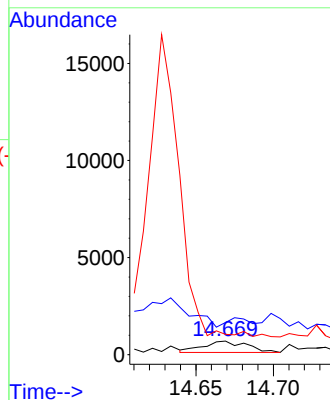
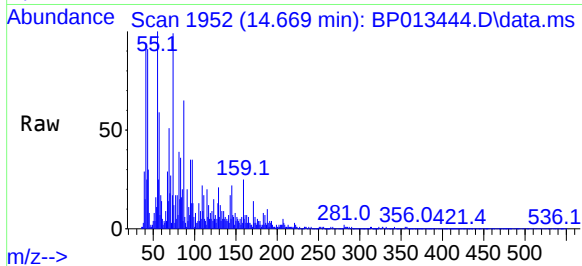




#54
2,4-Dinitrophenol
Concen: 3.659 ng
RT: 14.669 min Scan# 11
Delta R.T. 0.003 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

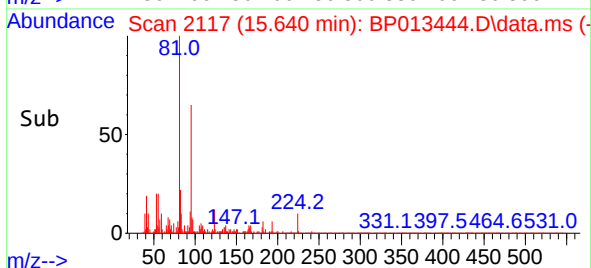
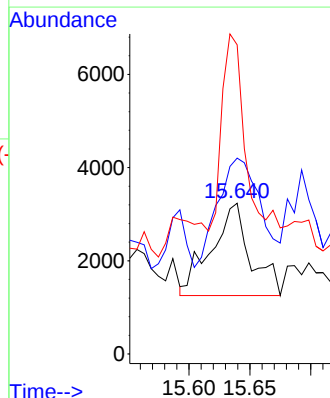
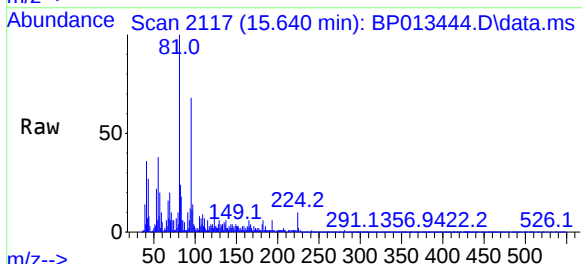
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PL-1-010923

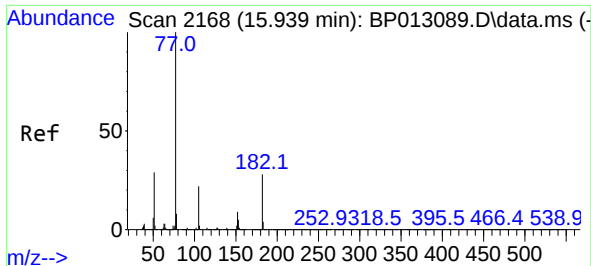
Tgt Ion:184 Resp: 1135
Ion Ratio Lower Upper
184 100
63 237.1 47.6 71.4#
154 149.4 45.5 68.3#



#62
4-Nitroaniline
Concen: 2.038 ng
RT: 15.640 min Scan# 2117
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:138 Resp: 4399
Ion Ratio Lower Upper
138 100
92 129.9 30.4 70.4#
108 205.1 51.4 91.4#



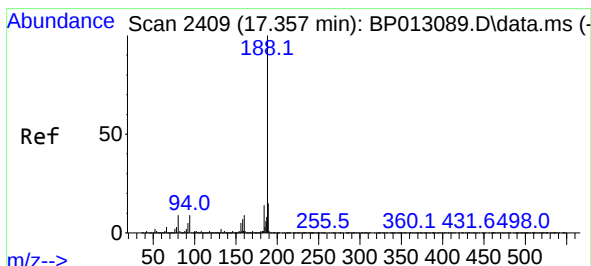
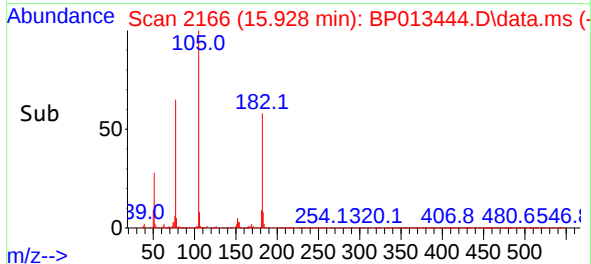
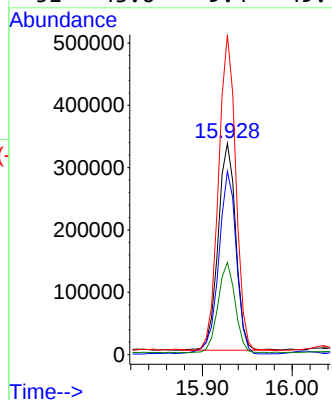
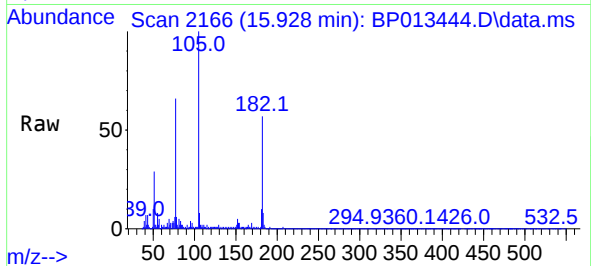


#63
Azobenzene
Concen: 4.112 ng
RT: 15.928 min Scan# 2166
Delta R.T. 0.038 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Instrument :
BNA_P
ClientSampleId :
PL-1-010923

Tgt Ion: 77 Resp: 454890

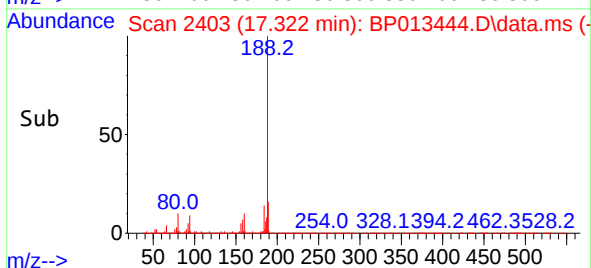
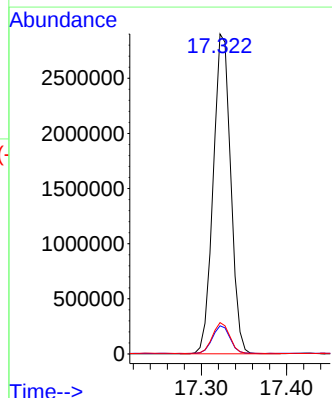
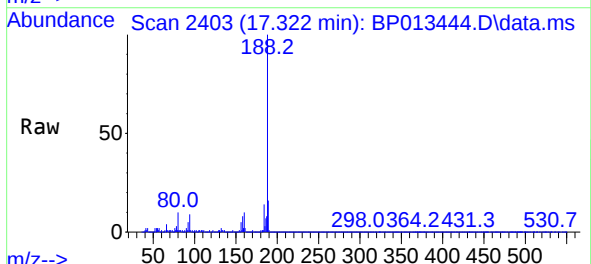
Ion	Ratio	Lower	Upper
77	100		
182	86.8	8.3	48.3#
105	151.3	1.6	41.6#
51	43.6	9.4	49.4

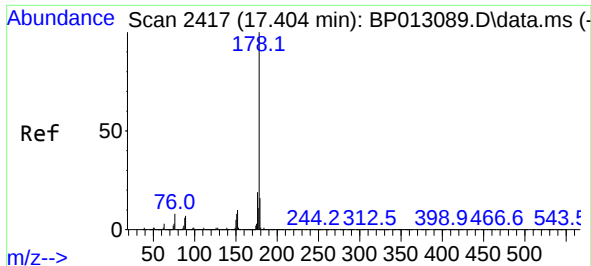


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2403
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion: 188 Resp: 4128906

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.8	7.5	11.3

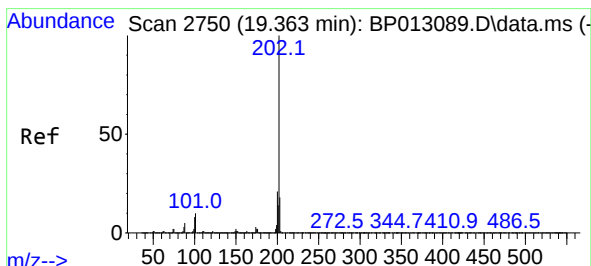
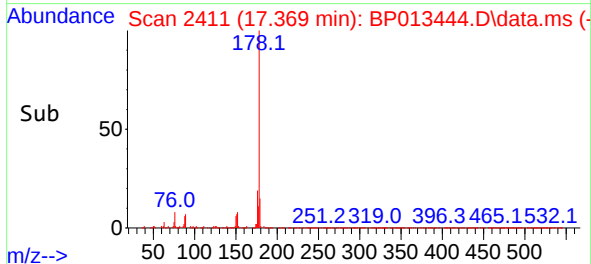
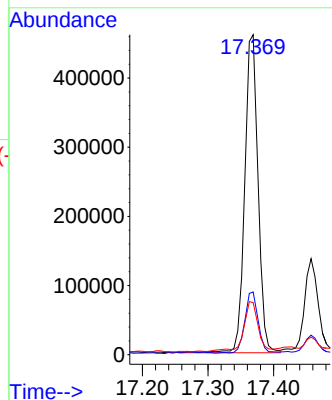
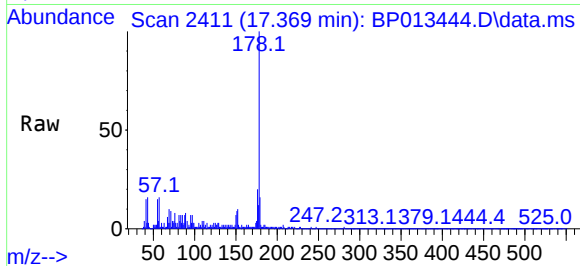




#71
Phenanthrene
Concen: 2.772 ng
RT: 17.369 min Scan# 2417
Delta R.T. 0.015 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

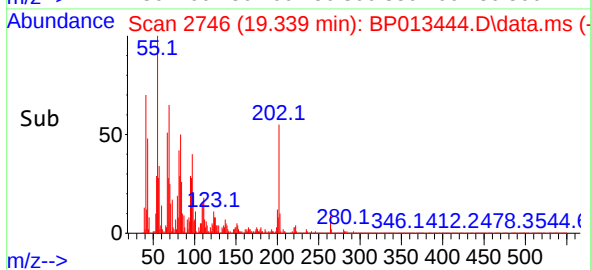
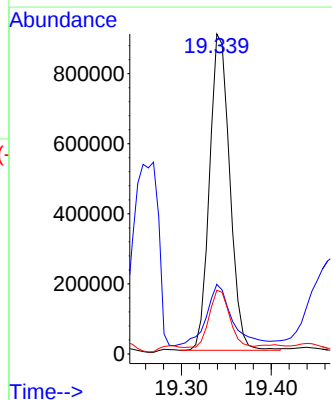
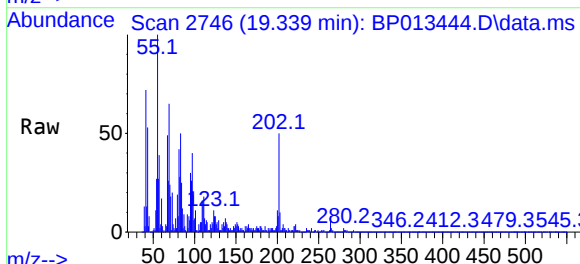
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

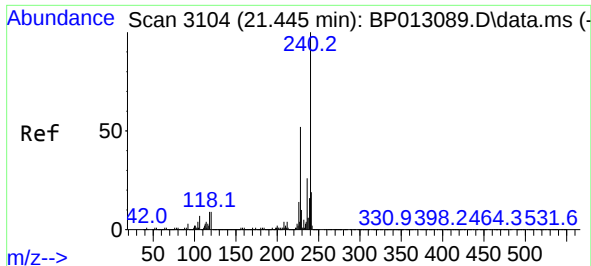
Tgt Ion:178 Resp: 651233
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.3 12.6 18.8



#75
Fluoranthene
Concen: 5.588 ng
RT: 19.339 min Scan# 2746
Delta R.T. 0.027 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:202 Resp: 1413177
Ion Ratio Lower Upper
202 100
101 21.7 0.0 30.0
203 19.9 0.0 37.6

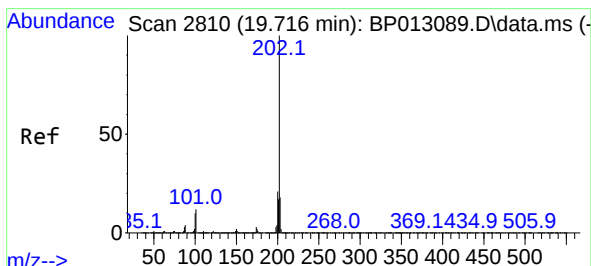
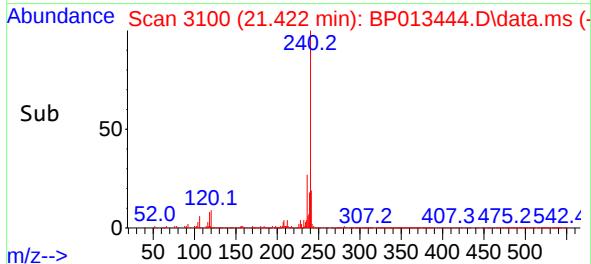
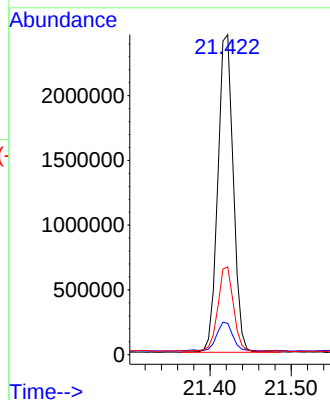
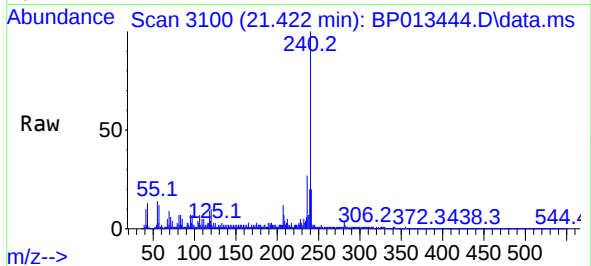




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3104
Delta R.T. 0.027 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

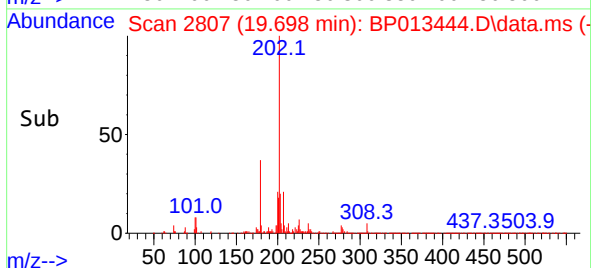
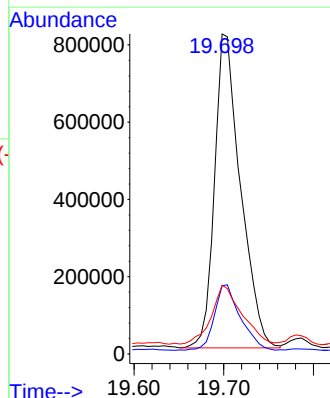
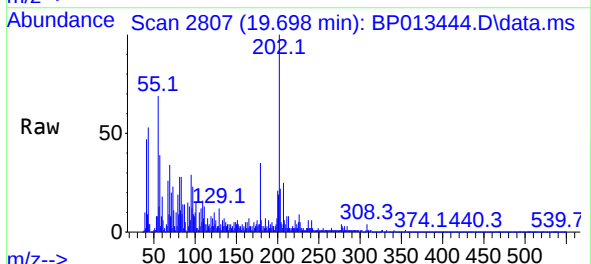
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

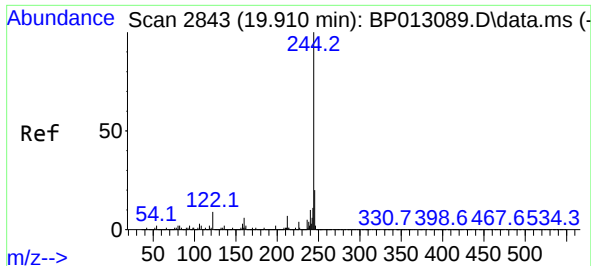
Tgt Ion:240 Resp: 3253666
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.2
236 27.5 21.0 31.4



#78
Pyrene
Concen: 6.994 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.032 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:202 Resp: 1635206
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 21.5 14.2 21.2#

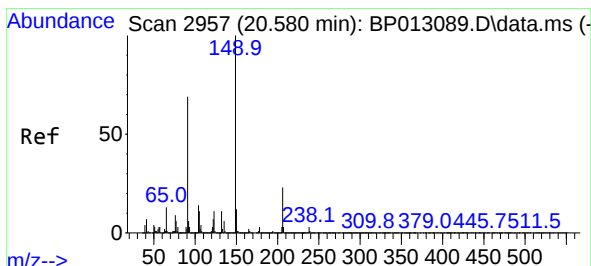
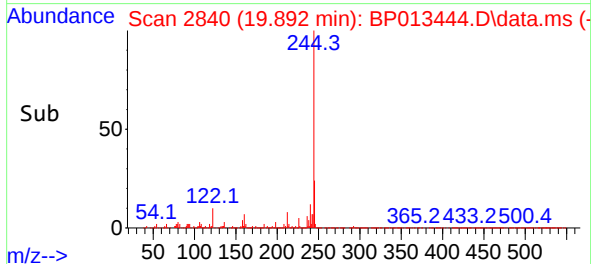
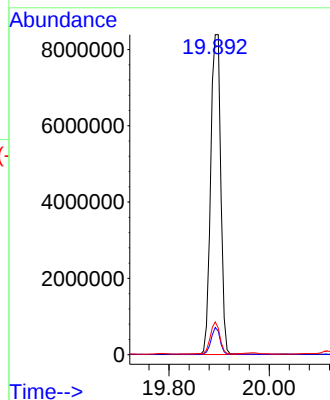
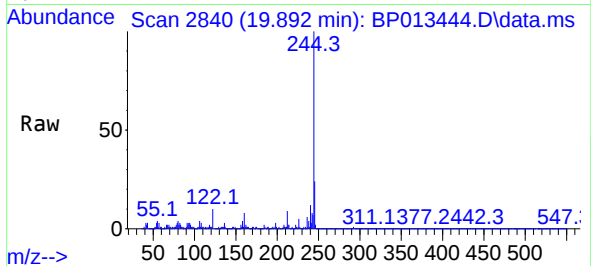




#79
 Terphenyl-d14
 Concen: 70.953 ng
 RT: 19.892 min Scan# 21
 Delta R.T. 0.032 min
 Lab File: BP013444.D
 Acq: 11 Jan 2023 15:20

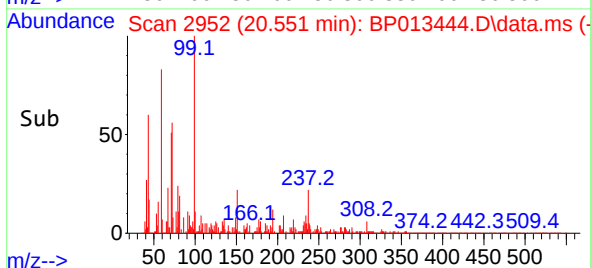
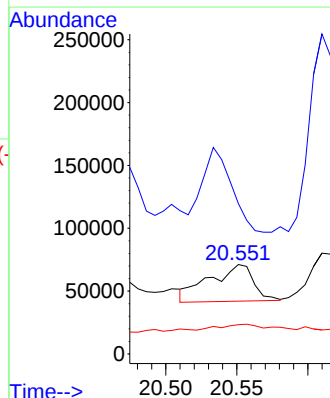
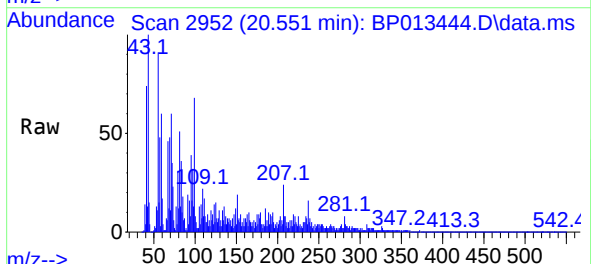
Instrument :
 BNA_P
 ClientSampleId :
 PL-1-010923

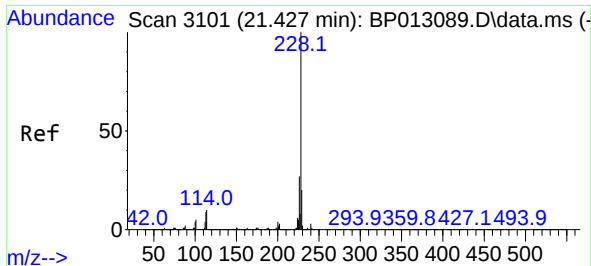
Tgt Ion:244 Resp:11701512
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.5 8.3#
 122 10.3 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 2.820 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.021 min
 Lab File: BP013444.D
 Acq: 11 Jan 2023 15:20

Tgt Ion:149 Resp: 63658
 Ion Ratio Lower Upper
 149 100
 91 168.1 55.2 82.8#
 206 32.7 18.3 27.5#

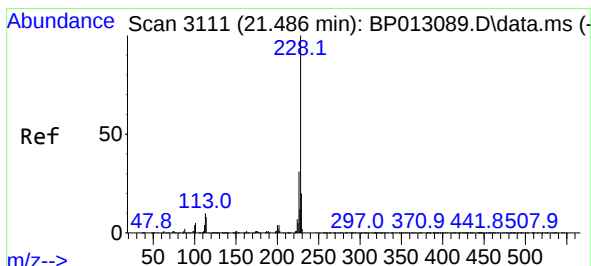
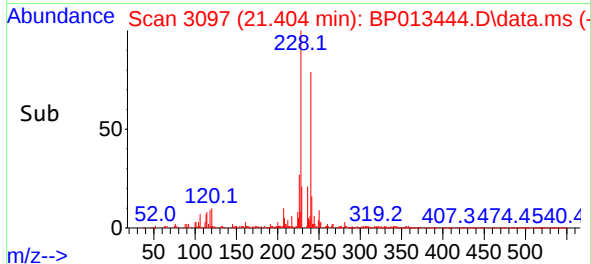
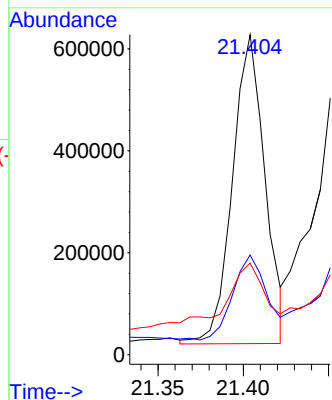
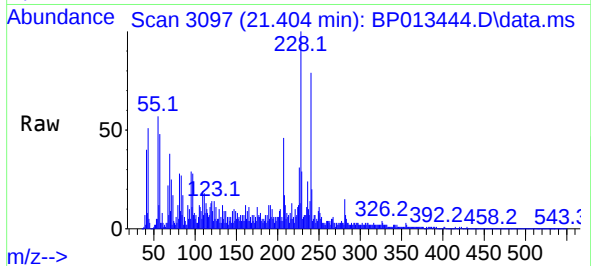




#81
Benzo(a)anthracene
Concen: 3.617 ng
RT: 21.404 min Scan# 3101
Delta R.T. 0.027 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

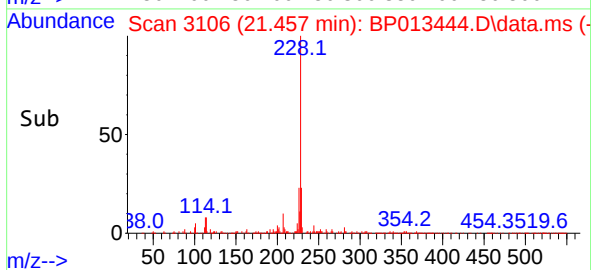
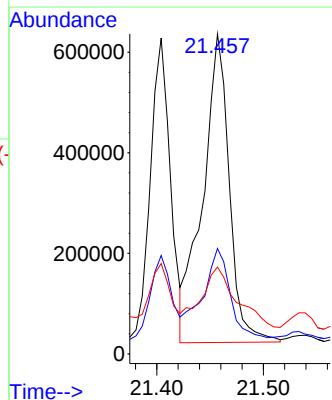
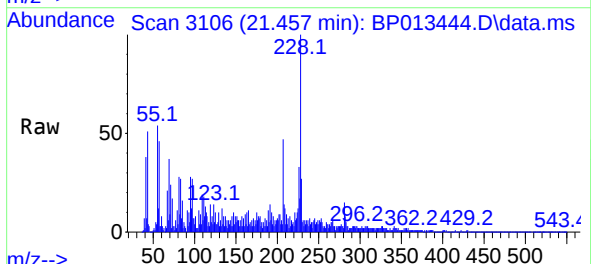
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

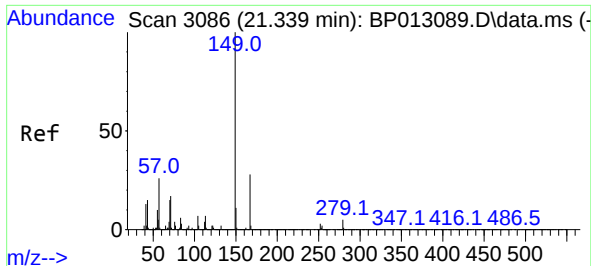
Tgt Ion:228 Resp: 804456
Ion Ratio Lower Upper
228 100
226 31.1 22.0 33.0
229 28.6 16.2 24.4#



#83
Chrysene
Concen: 4.904 ng
RT: 21.457 min Scan# 3106
Delta R.T. 0.021 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:228 Resp: 1063892
Ion Ratio Lower Upper
228 100
226 32.9 24.3 36.5
229 27.1 16.0 24.0#

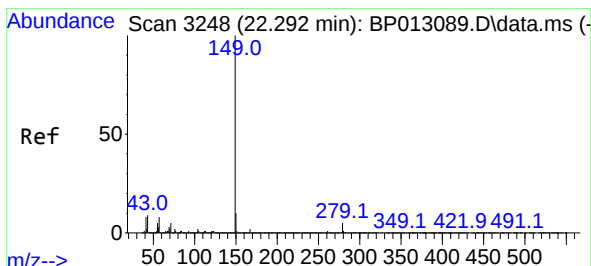
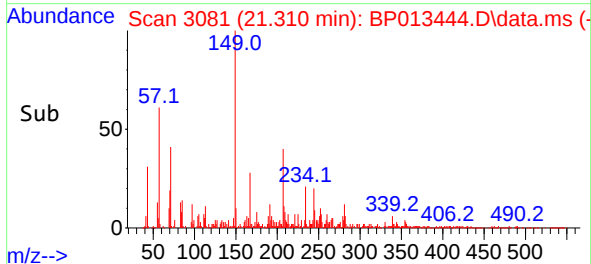
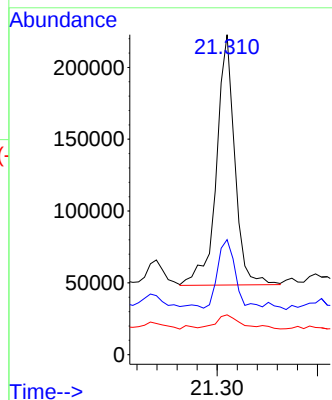
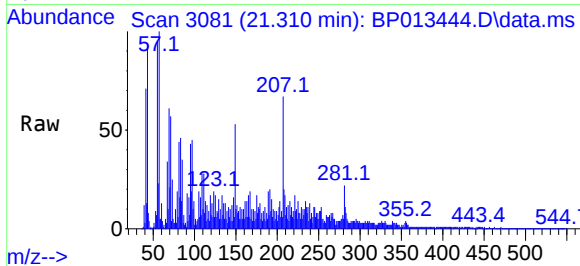




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.580 ng
RT: 21.310 min Scan# 3086
Delta R.T. 0.021 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

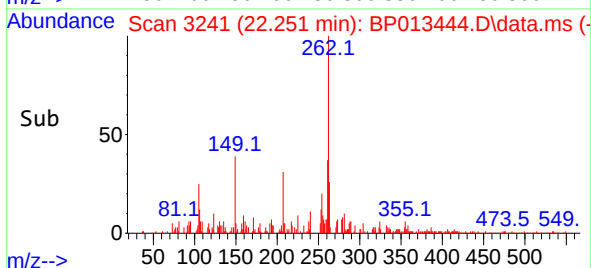
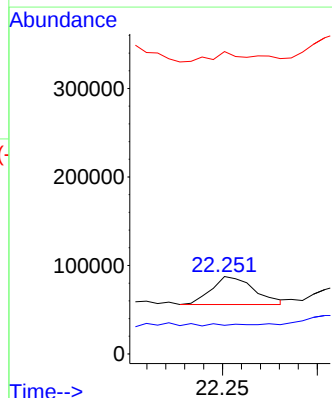
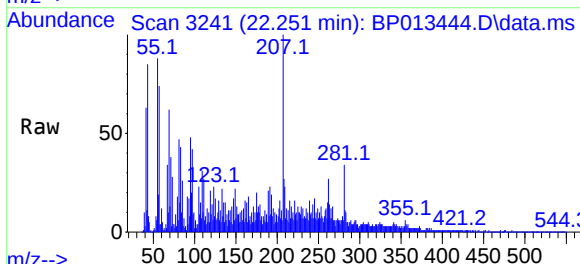
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

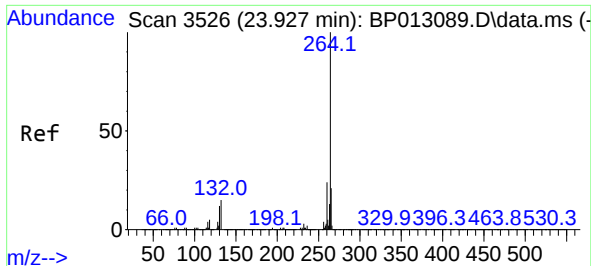
Tgt Ion:149 Resp: 220108
Ion Ratio Lower Upper
149 100
167 36.0 22.6 34.0#
279 12.5 3.8 5.6#



#85
Di-n-octyl phthalate
Concen: 2.446 ng
RT: 22.251 min Scan# 3241
Delta R.T. 0.009 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Tgt Ion:149 Resp: 49757
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.8 11.8#

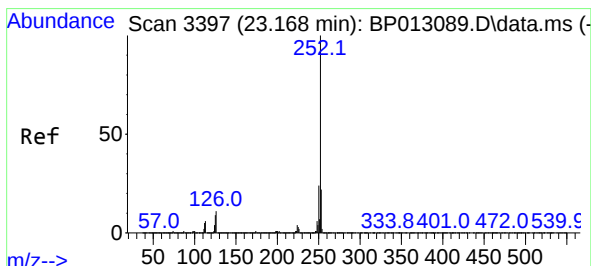
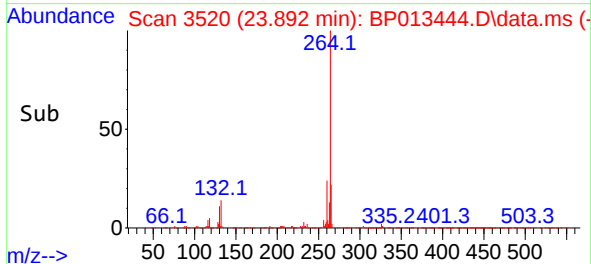
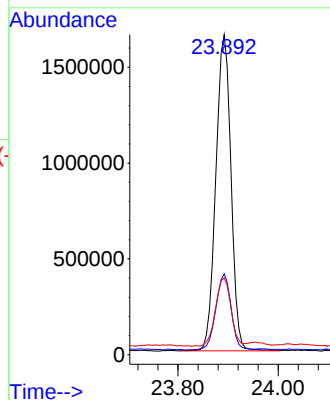
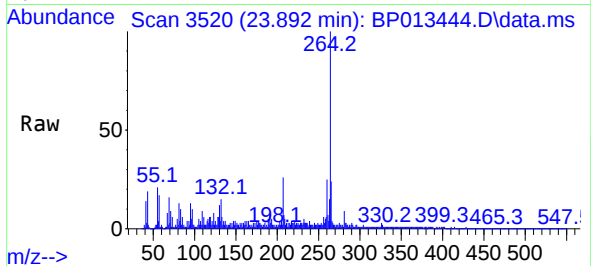




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.892 min Scan# 31
 Delta R.T. 0.015 min
 Lab File: BP013444.D
 Acq: 11 Jan 2023 15:20

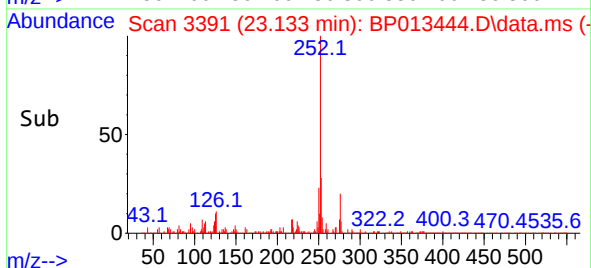
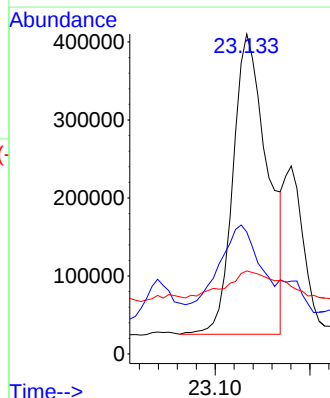
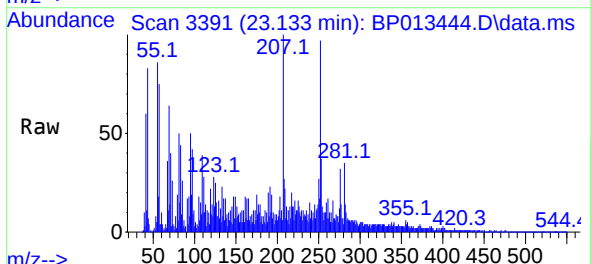
Instrument :
 BNA_P
 ClientSampleId :
 PL-1-010923

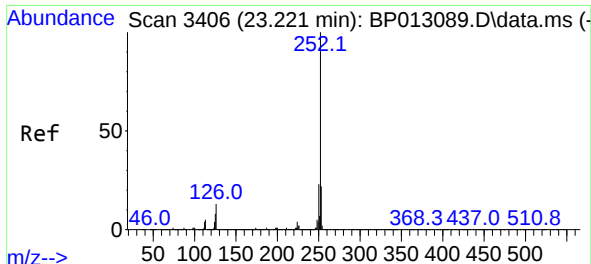
Tgt Ion:264 Resp: 3462753
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.1 28.7
 265 24.0 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 4.357 ng
 RT: 23.133 min Scan# 3391
 Delta R.T. 0.015 min
 Lab File: BP013444.D
 Acq: 11 Jan 2023 15:20

Tgt Ion:252 Resp: 971325
 Ion Ratio Lower Upper
 252 100
 253 38.1 17.8 26.6#
 125 25.9 7.0 10.4#

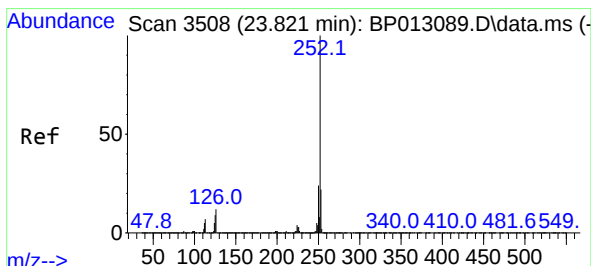
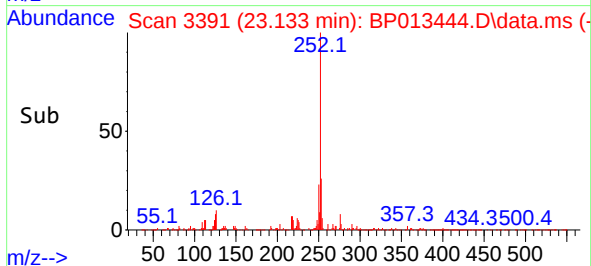
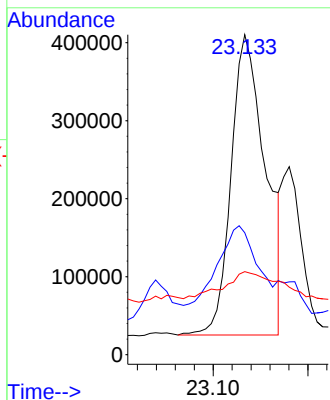
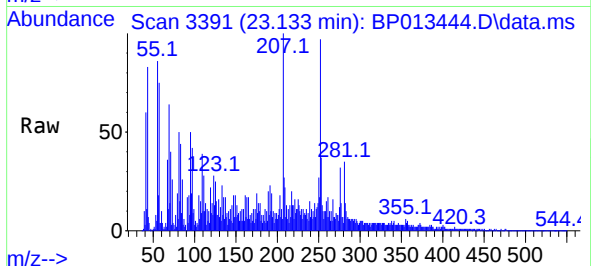




#89
Benzo(k)fluoranthene
Concen: 4.307 ng
RT: 23.133 min Scan# 31
Delta R.T. -0.038 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

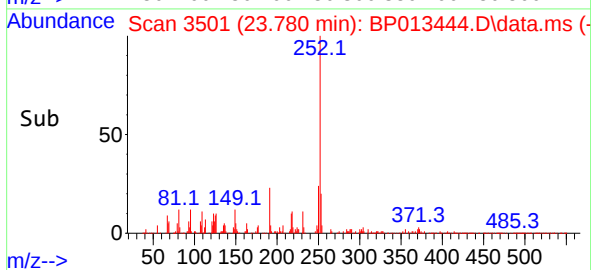
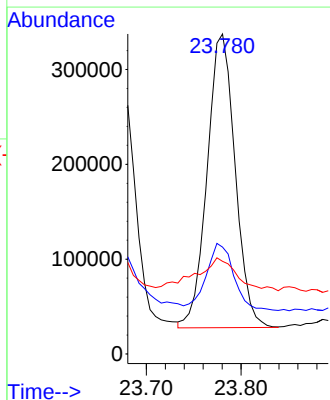
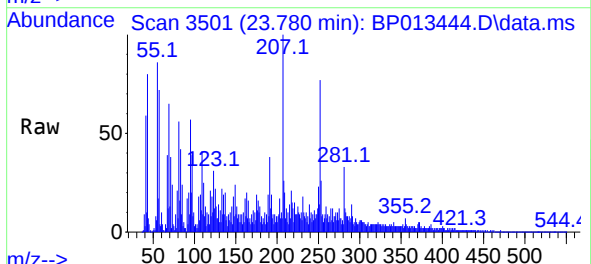
Instrument :
BNA_P
ClientSampleId :
PL-1-010923

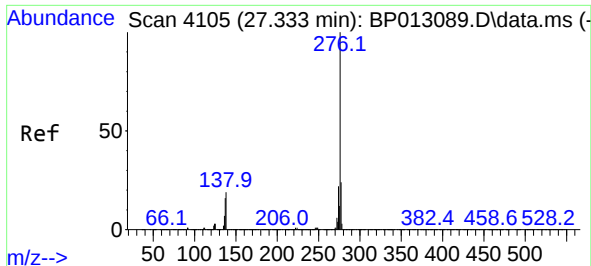
Tgt Ion:252 Resp: 971325
Ion Ratio Lower Upper
252 100
253 38.1 17.6 26.4#
125 25.9 6.7 10.1#



#90
Benzo(a)pyrene
Concen: 3.396 ng
RT: 23.780 min Scan# 3501
Delta R.T. 0.009 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

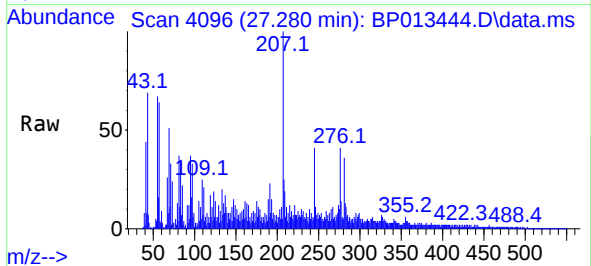
Tgt Ion:252 Resp: 635428
Ion Ratio Lower Upper
252 100
253 33.4 17.5 26.3#
125 28.9 7.4 11.2#





#92
Benzo(g,h,i)perylene
Concen: 2.301 ng
RT: 27.280 min Scan# 4096
Delta R.T. -0.003 min
Lab File: BP013444.D
Acq: 11 Jan 2023 15:20

Instrument :
BNA_P
ClientSampleId :
PL-1-010923



Tgt Ion:276 Resp: 536196
Ion Ratio Lower Upper
276 100
277 34.6 18.9 28.3#
138 27.0 15.0 22.6#

