

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013936.D
 Acq On : 02 Mar 2023 23:04
 Operator : CG/JU
 Sample : 01749-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-16

Quant Time: Mar 03 02:42:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

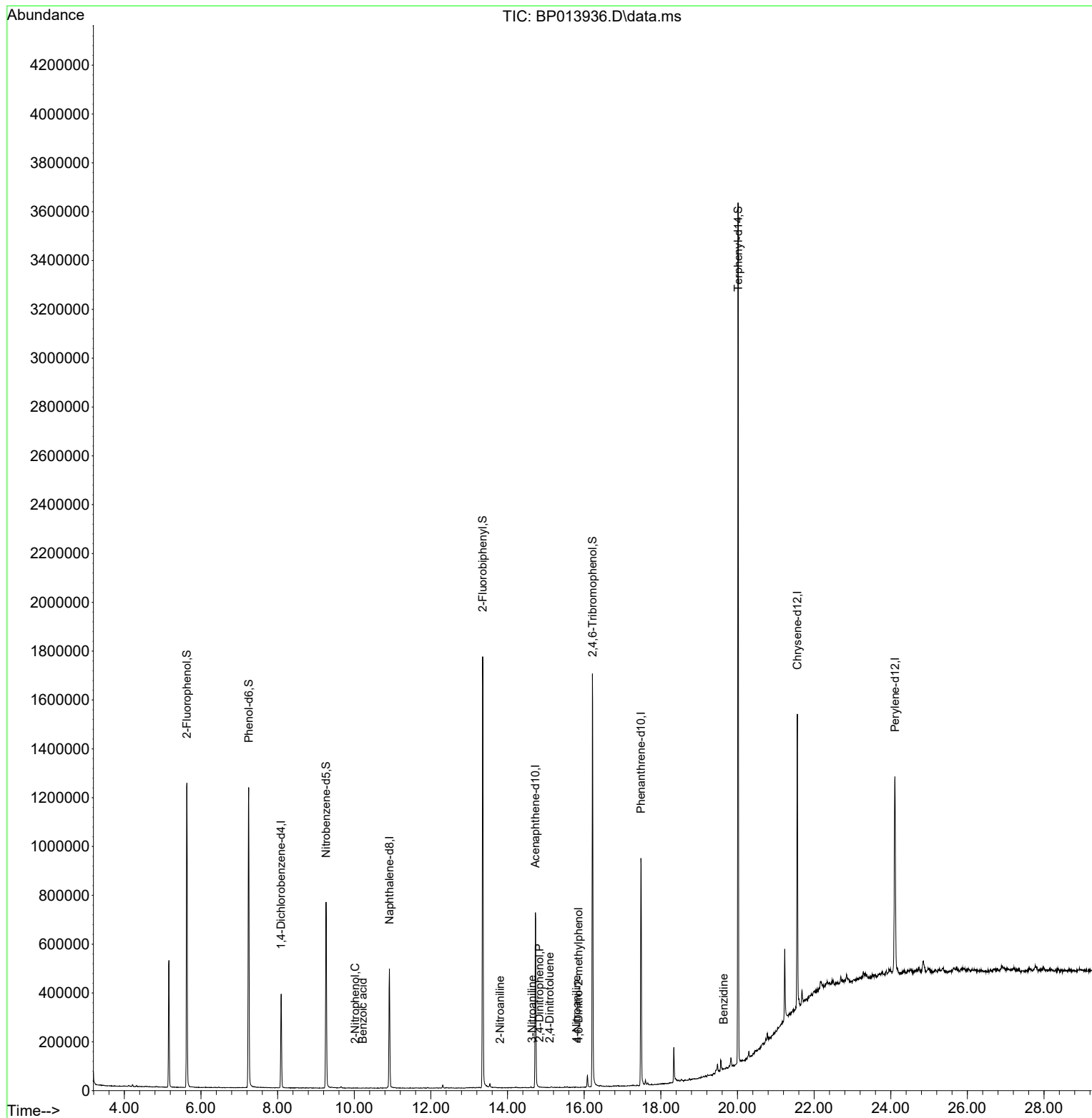
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	99391	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	390052	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	253954	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	590673	20.000	ng	0.00
76) Chrysene-d12	21.563	240	588719	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	687263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	523083	86.738	ng	0.00
7) Phenol-d6	7.246	99	685127	88.706	ng	0.00
23) Nitrobenzene-d5	9.263	82	441904	61.179	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	326247	88.253	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	911888	47.163	ng	0.00
79) Terphenyl-d14	20.016	244	1628271	53.214	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.028	139	5	2.770	ng	# 1
32) Benzoic acid	10.222	122	33	5.082	ng	# 1
48) 2-Nitroaniline	13.804	65	68	3.244	ng	# 32
53) 3-Nitroaniline	14.640	138	11	2.010	ng	# 29
54) 2,4-Dinitrophenol	14.834	184	5	5.264	ng	# 38
57) 2,4-Dinitrotoluene	15.098	165	103	2.297	ng	# 27
62) 4-Nitroaniline	15.804	138	15	2.550	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.851	198	17	4.627	ng	# 1
77) Benzidine	19.639	184	70	2.288	ng	# 1

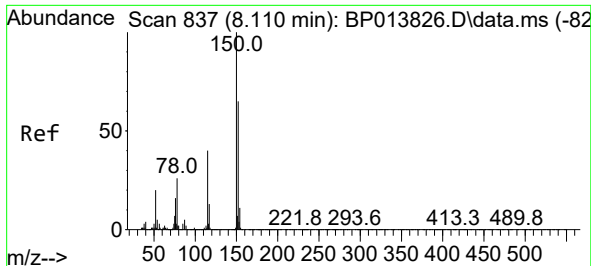
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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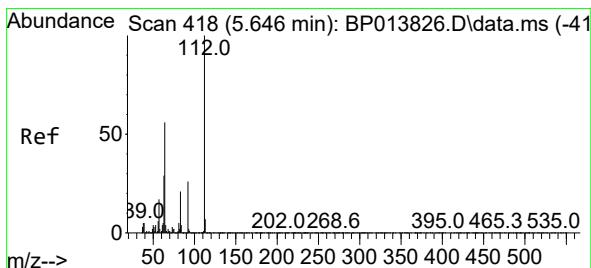
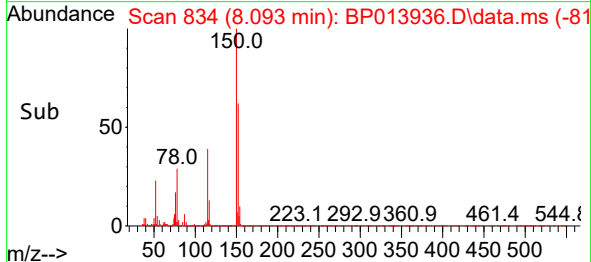
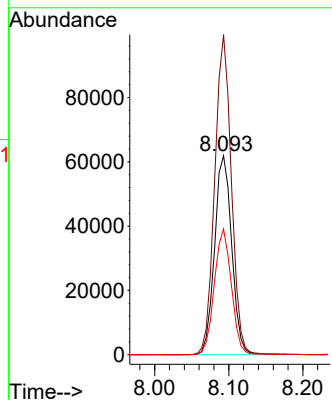
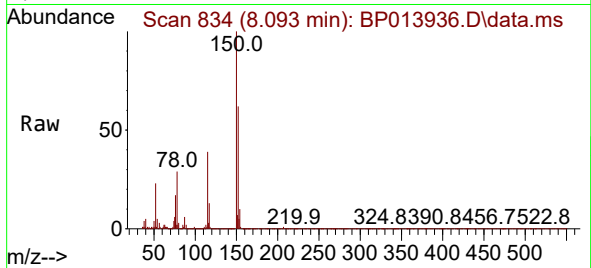




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

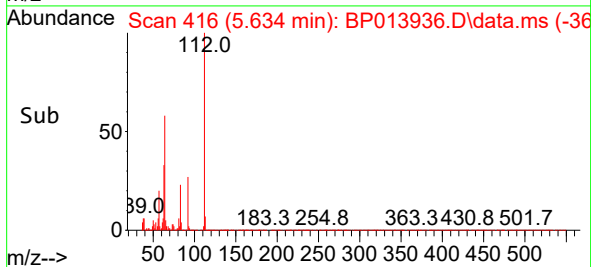
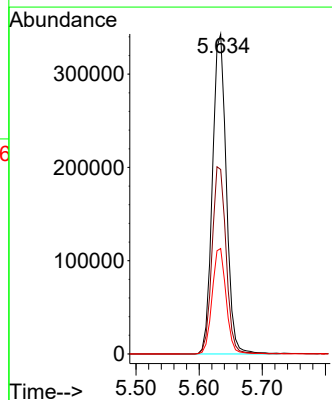
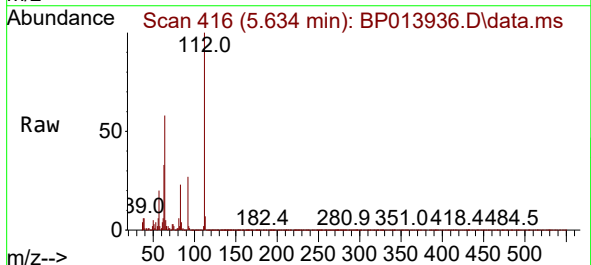
Instrument :
BNA_P
ClientSampleId :
CF-16

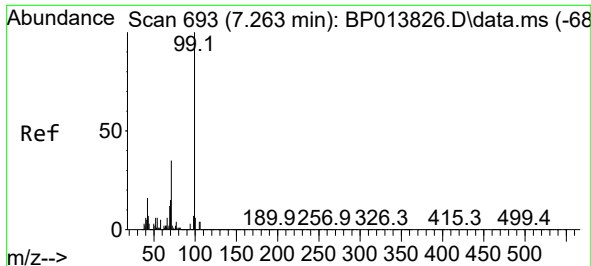
Tgt Ion:152 Resp: 99391
Ion Ratio Lower Upper
152 100
150 160.9 122.8 184.2
115 63.3 49.0 73.6



#5
2-Fluorophenol
Concen: 86.738 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:112 Resp: 523083
Ion Ratio Lower Upper
112 100
64 57.7 44.6 66.8
63 32.9 23.6 35.4

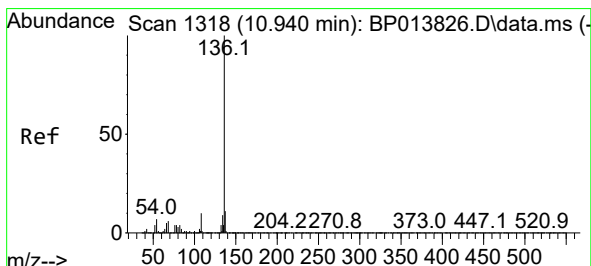
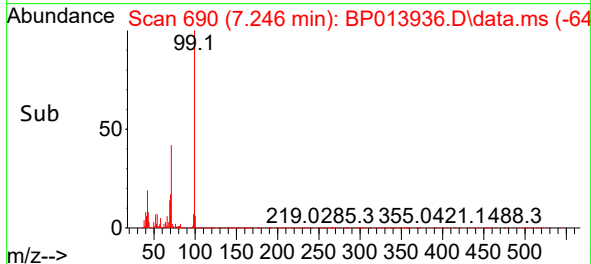
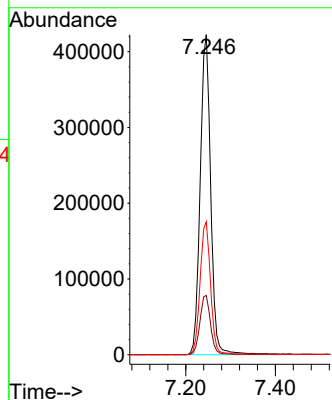
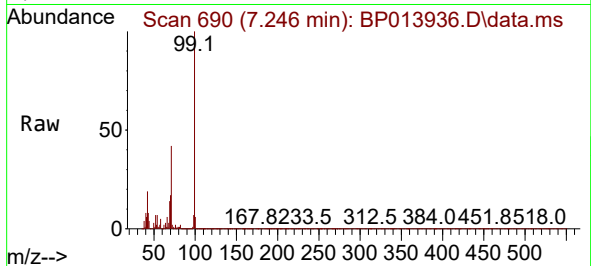




#7
Phenol-d6
Concen: 88.706 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

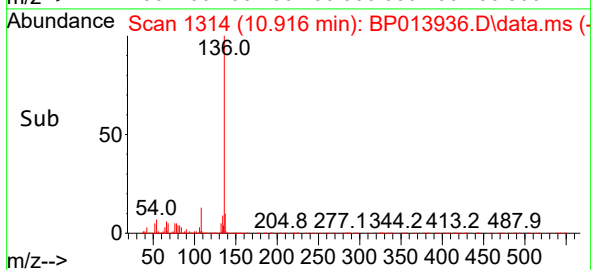
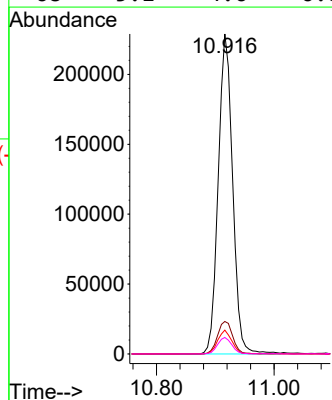
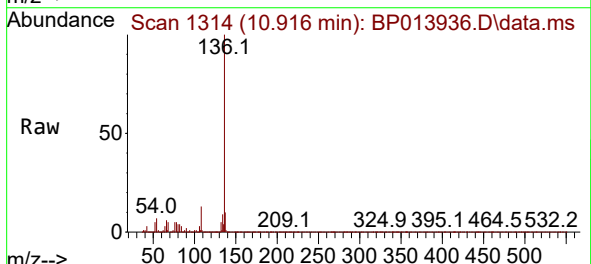
Instrument :
BNA_P
ClientSampleId :
CF-16

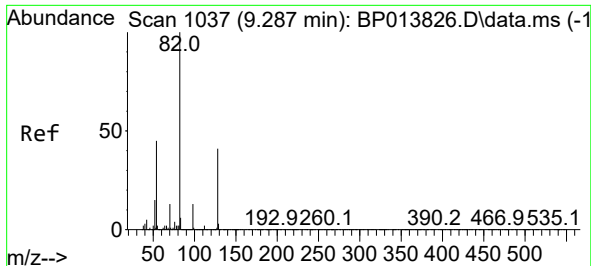
Tgt Ion: 99 Resp: 685127
Ion Ratio Lower Upper
99 100
42 18.5 12.5 18.7
71 41.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion: 136 Resp: 390052
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 7.5 5.8 8.6
68 5.1 4.6 6.8

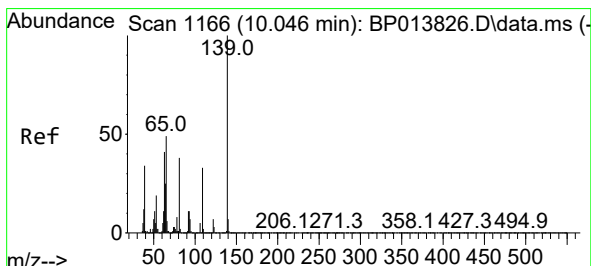
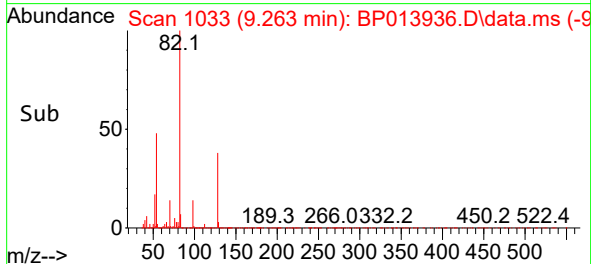
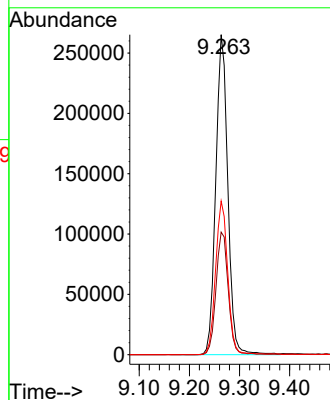
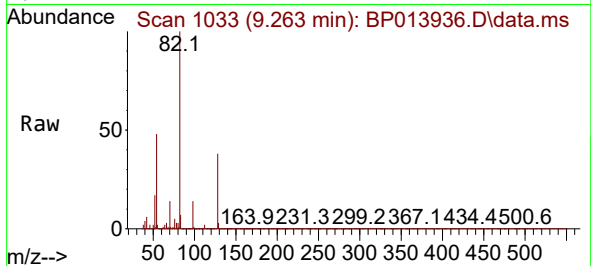




#23
Nitrobenzene-d5
Concen: 61.179 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

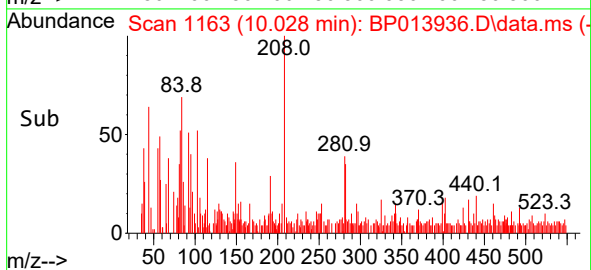
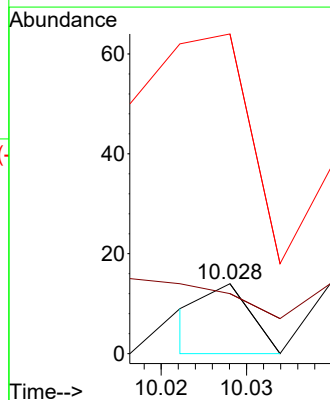
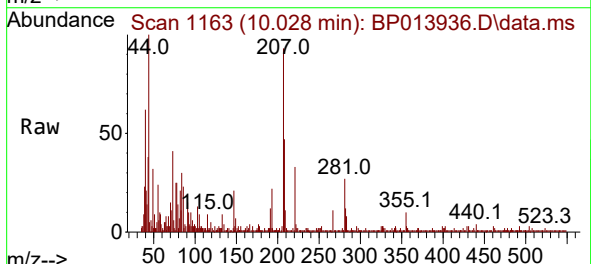
Instrument :
BNA_P
ClientSampleId :
CF-16

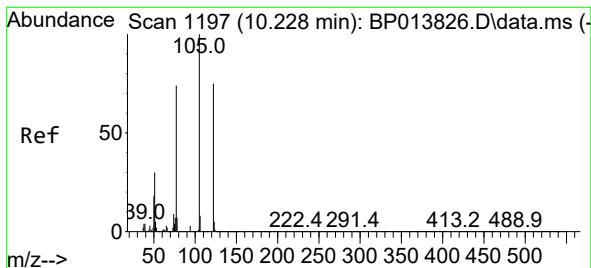
Tgt Ion: 82 Resp: 441904
Ion Ratio Lower Upper
82 100
128 38.3 32.9 49.3
54 48.0 35.6 53.4



#26
2-Nitrophenol
Concen: 2.770 ng
RT: 10.028 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:139 Resp: 5
Ion Ratio Lower Upper
139 100
109 200.0 26.7 40.1#
65 457.1 39.4 59.2#

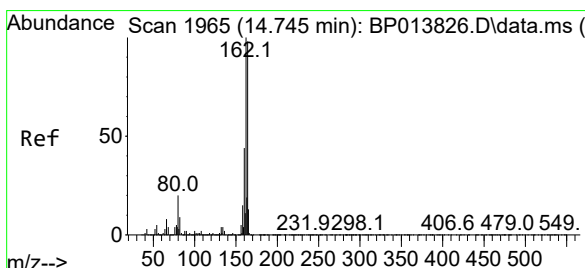
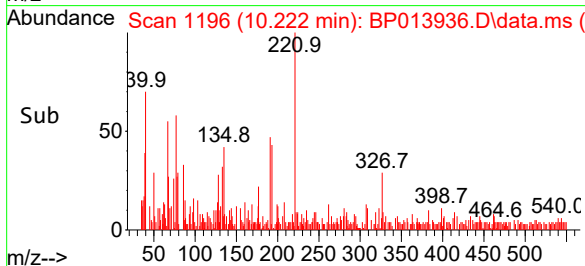
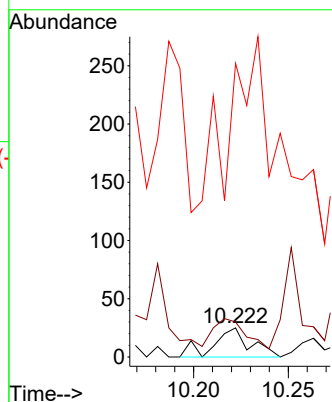
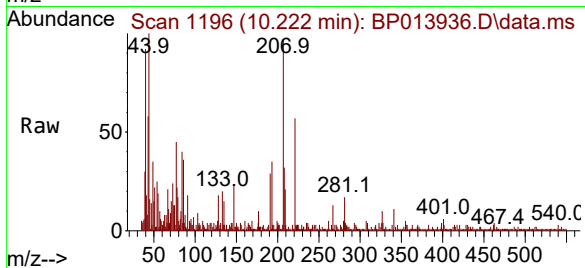




#32
Benzoic acid
Concen: 5.082 ng
RT: 10.222 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

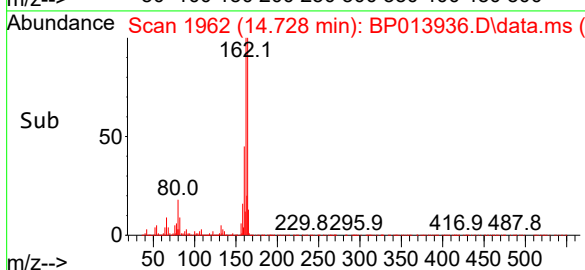
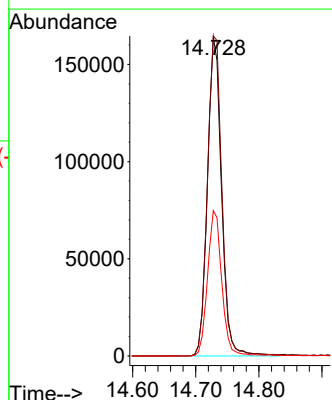
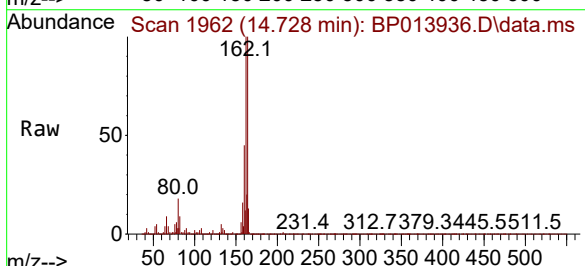
Instrument :
BNA_P
ClientSampleId :
CF-16

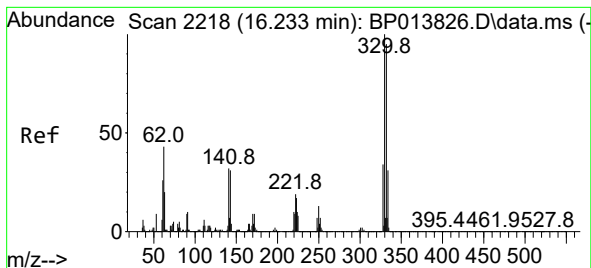
Tgt Ion:122 Resp: 33
Ion Ratio Lower Upper
122 100
105 120.0 107.4 147.4
77 1008.0 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:164 Resp: 253954
Ion Ratio Lower Upper
164 100
162 100.4 81.7 122.5
160 45.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 88.253 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013936.D

Acq: 02 Mar 2023 23:04

Instrument :

BNA_P

ClientSampleId :

CF-16

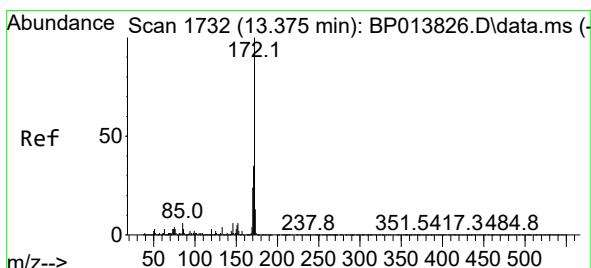
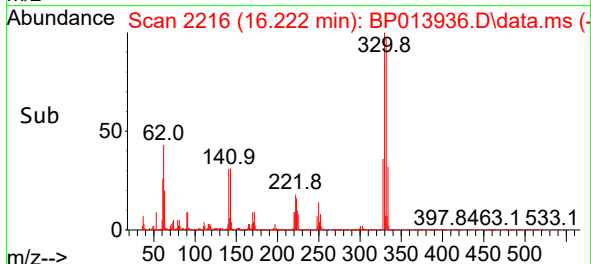
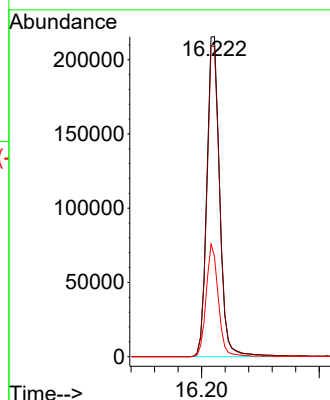
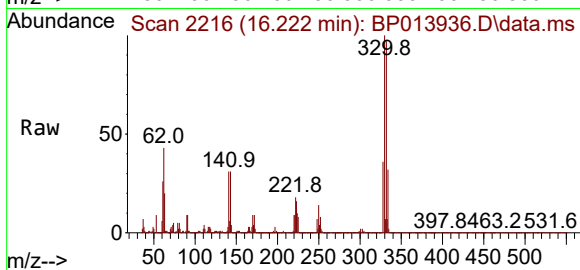
Tgt Ion:330 Resp: 326247

Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

141 33.4 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 47.163 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013936.D

Acq: 02 Mar 2023 23:04

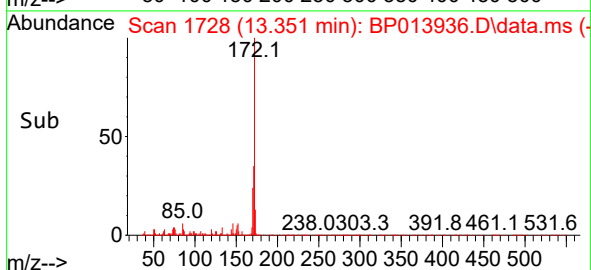
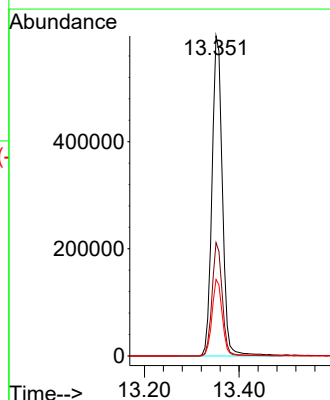
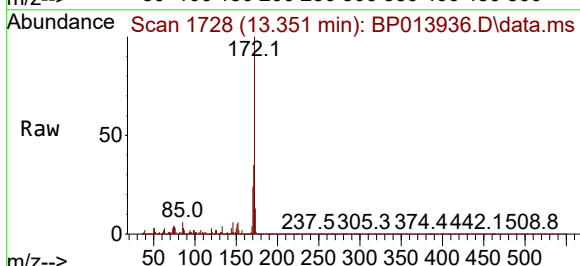
Tgt Ion:172 Resp: 911888

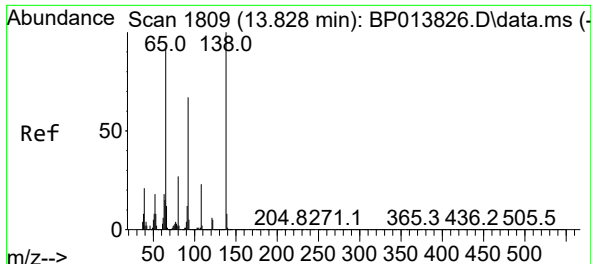
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.9 19.0 28.4

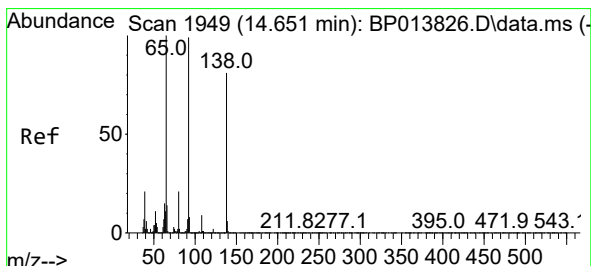
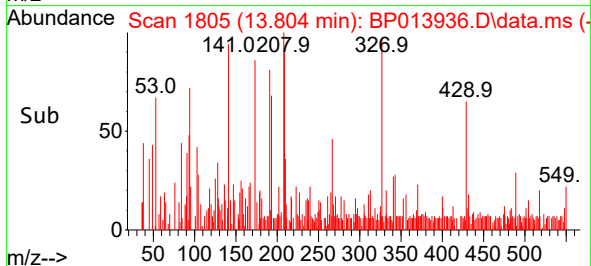
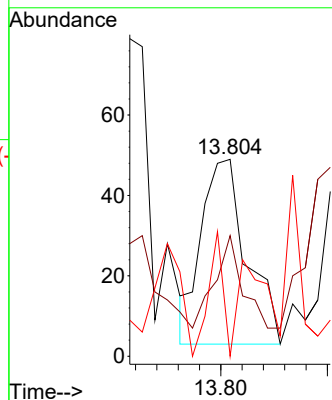
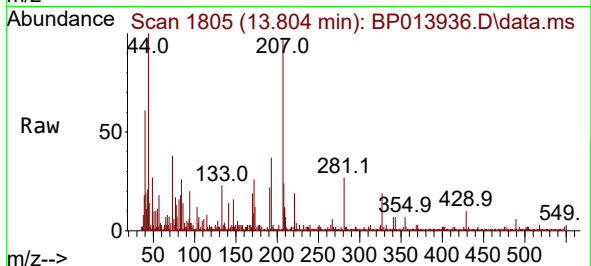




#48
2-Nitroaniline
Concen: 3.244 ng
RT: 13.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

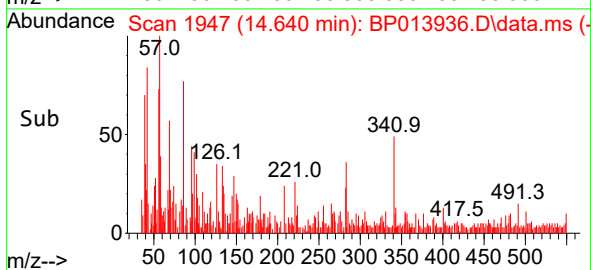
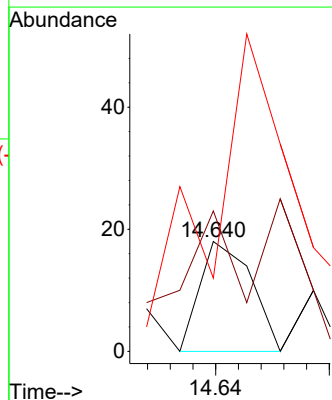
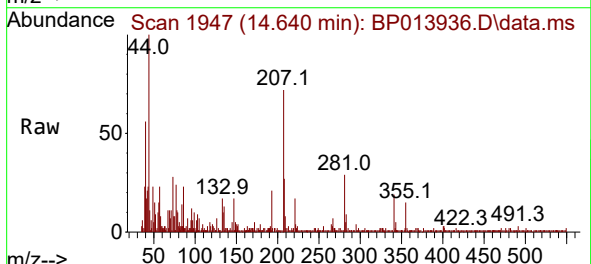
Instrument :
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CF-16

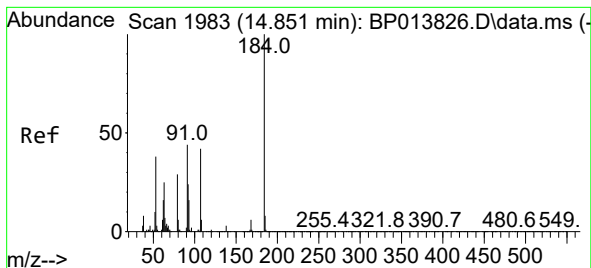
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 61.2 58.7 88.1
138 0.0 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.640 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion: 138 Resp: 11
Ion Ratio Lower Upper
138 100
108 127.8 9.0 13.4#
92 66.7 97.1 145.7#

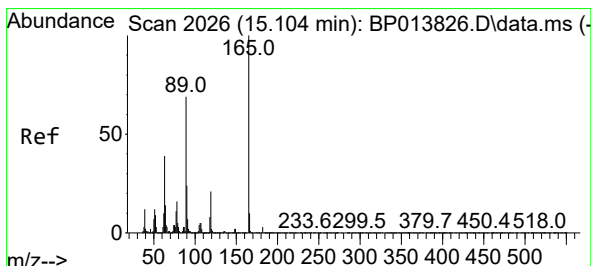
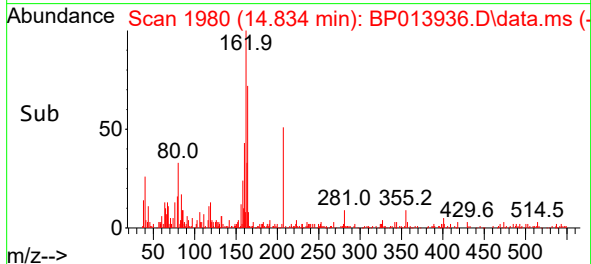
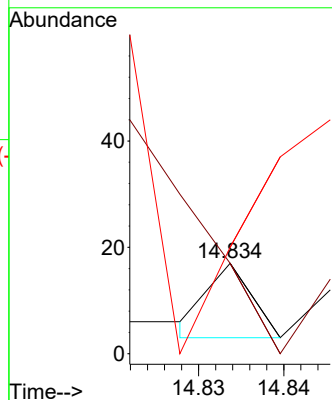
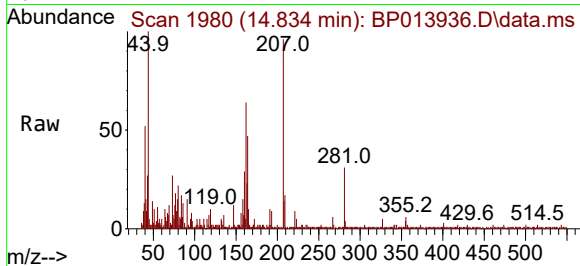




#54
2,4-Dinitrophenol
Concen: 5.264 ng
RT: 14.834 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

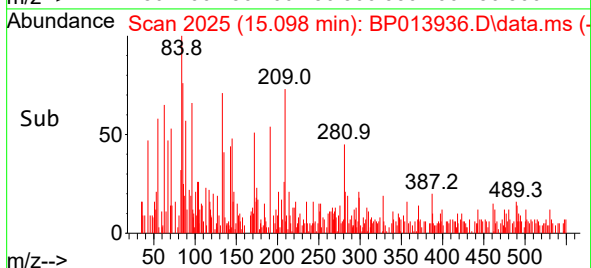
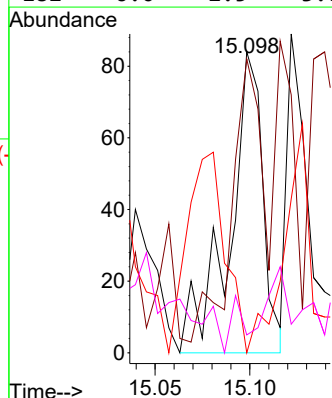
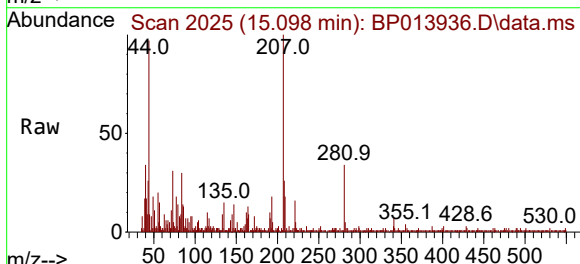
Instrument :
BNA_P
ClientSampleId :
CF-16

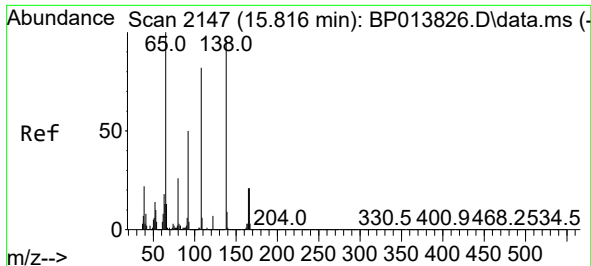
Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 100.0 47.0 70.4#
154 117.6 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.297 ng
RT: 15.098 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:165 Resp: 103
Ion Ratio Lower Upper
165 100
63 97.6 31.1 46.7#
89 17.9 54.9 82.3#
182 6.0 2.5 3.7#

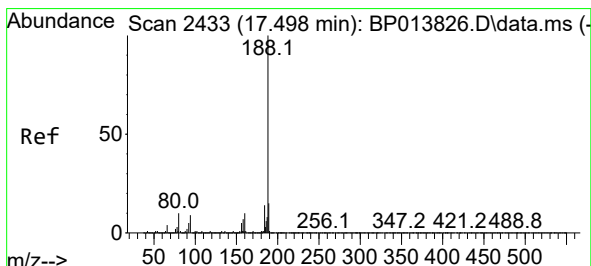
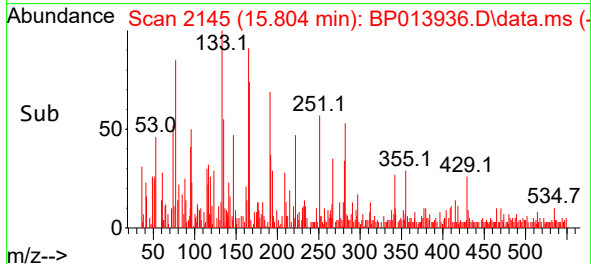
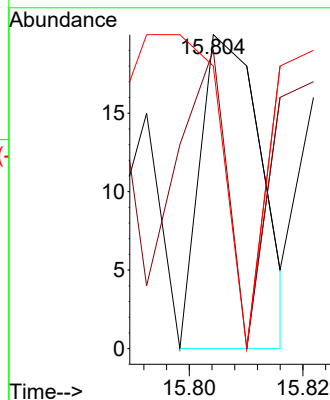
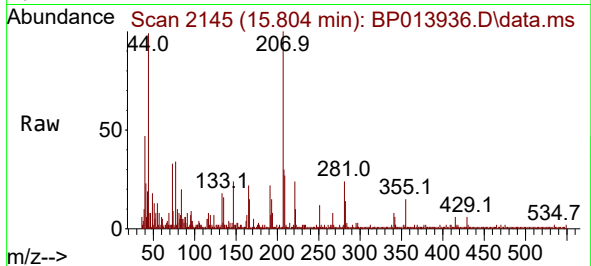




#62
4-Nitroaniline
Concen: 2.550 ng
RT: 15.804 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

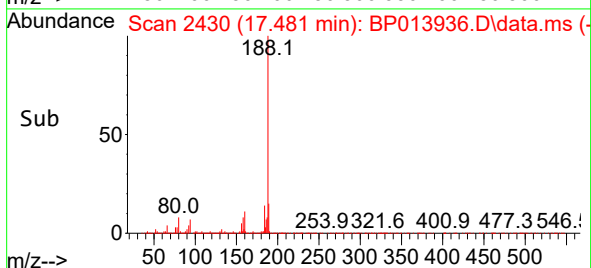
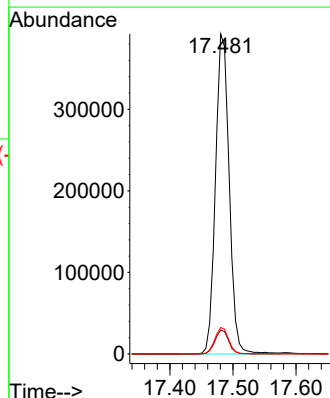
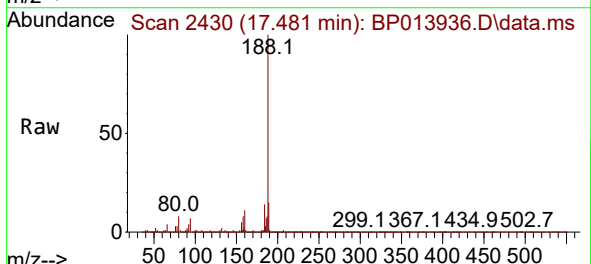
Instrument :
BNA_P
ClientSampleId :
CF-16

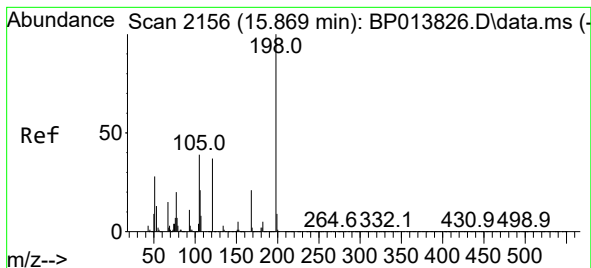
Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
92 95.0 32.0 72.0#
108 90.0 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:188 Resp: 590673
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.2 7.8 11.8

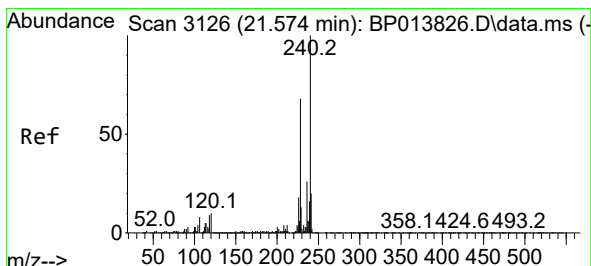
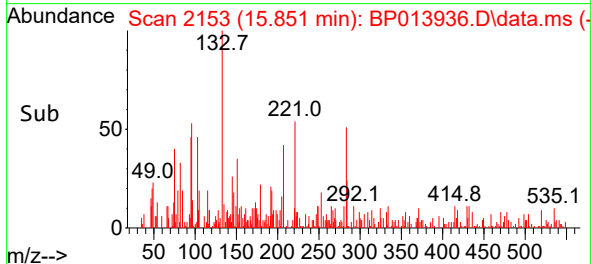
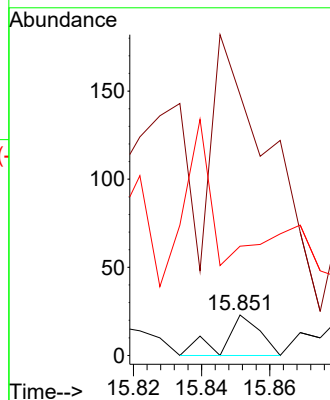
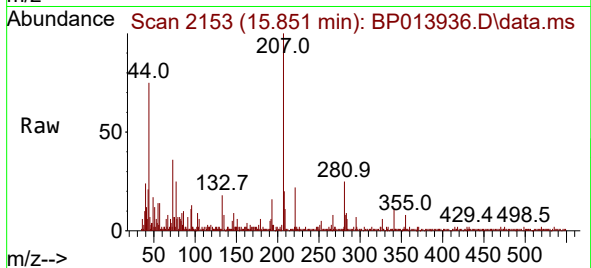




#65
4,6-Dinitro-2-methylphenol
Concen: 4.627 ng
RT: 15.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

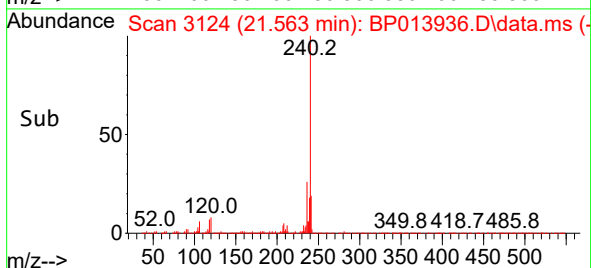
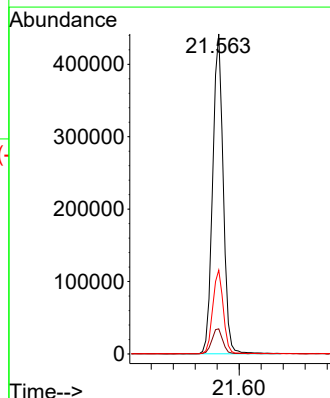
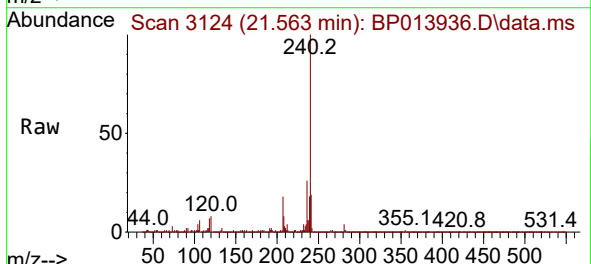
Instrument :
BNA_P
ClientSampleId :
CF-16

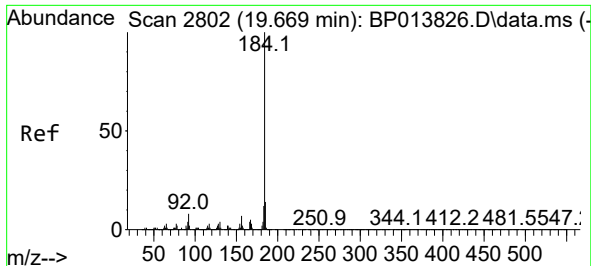
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 643.5 14.3 54.3#
105 269.6 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:240 Resp: 588719
Ion Ratio Lower Upper
240 100
120 7.8 7.9 11.9#
236 26.2 20.9 31.3

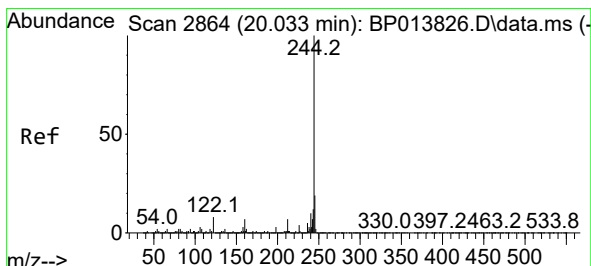
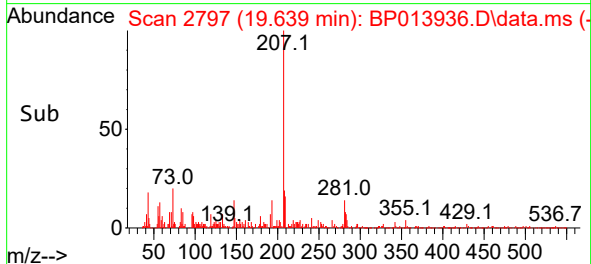
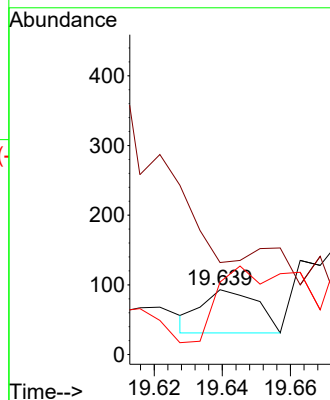
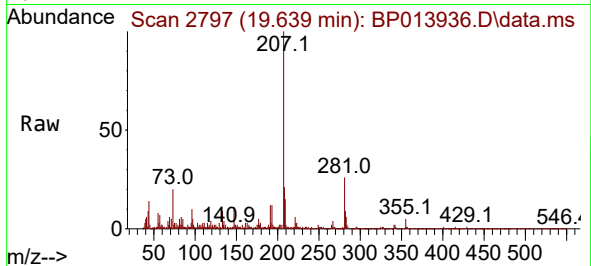




#77
Benzidine
Concen: 2.288 ng
RT: 19.639 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

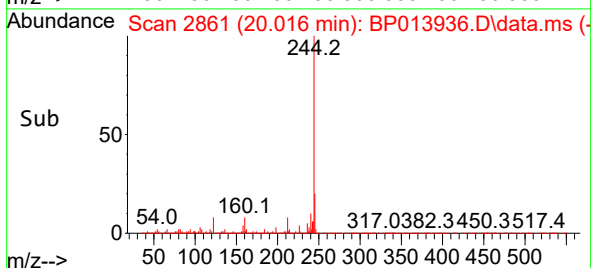
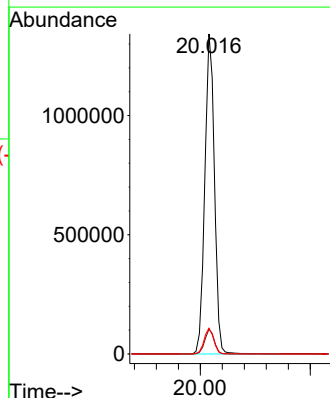
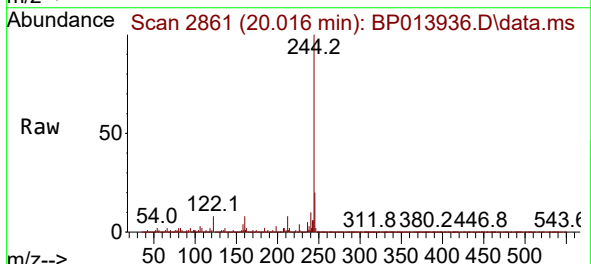
Instrument :
BNA_P
ClientSampleId :
CF-16

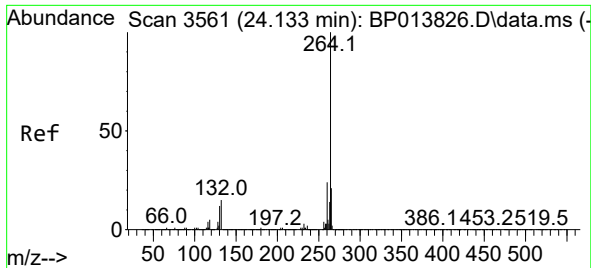
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
185 141.9 11.4 17.0#
183 111.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 53.214 ng
RT: 20.016 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:244 Resp: 1628271
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.1 6.7 10.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.110 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP013936.D
 Acq: 02 Mar 2023 23:04

Instrument :
 BNA_P
 ClientSampleId :
 CF-16

Tgt Ion:264 Resp: 687263
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.1 17.6 26.4

