

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013831.D
 Acq On : 16 Feb 2023 16:59
 Operator : CG/JU
 Sample : PB150892BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150892BL

Quant Time: Feb 17 05:08:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 01:08:52 2023
 Response via : Initial Calibration

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

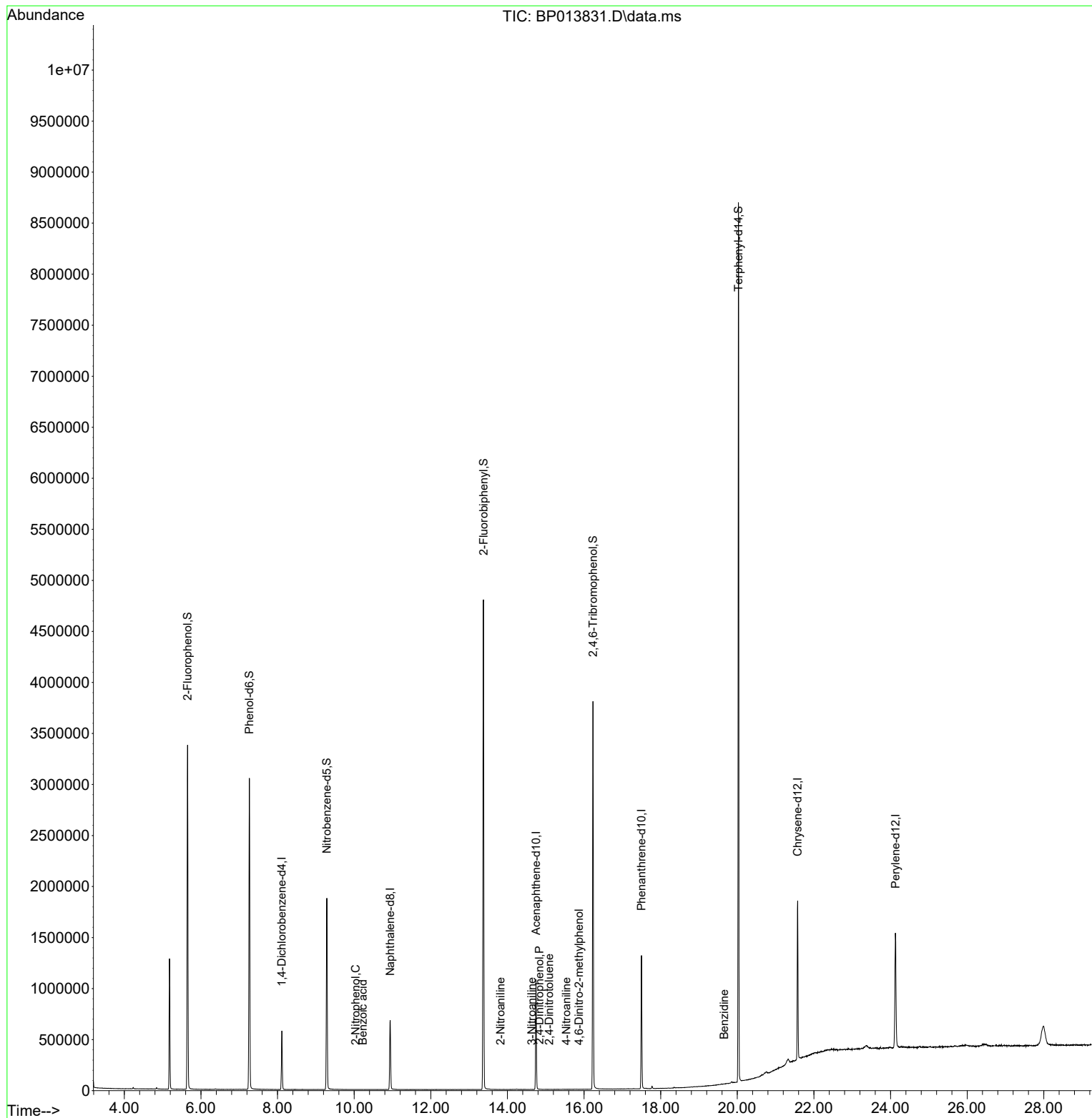
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	156579	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	580698	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	349353	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	781641	20.000	ng	0.00
76) Chrysene-d12	21.575	240	788537	20.000	ng	0.00
86) Perylene-d12	24.127	264	911240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1449579	152.579	ng	0.00
7) Phenol-d6	7.263	99	1792495	147.317	ng	0.00
23) Nitrobenzene-d5	9.287	82	1079150	100.352	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	734021	144.338	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2537009	95.384	ng	0.00
79) Terphenyl-d14	20.028	244	4278699	104.398	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.040	139	22	2.772	ng	# 1
32) Benzoic acid	10.222	122	55	5.082	ng	# 1
48) 2-Nitroaniline	13.822	65	70	3.241	ng	# 11
53) 3-Nitroaniline	14.634	138	19	2.011	ng	# 45
54) 2,4-Dinitrophenol	14.834	184	24	5.268	ng	# 53
57) 2,4-Dinitrotoluene	15.087	165	68	2.289	ng	# 53
62) 4-Nitroaniline	15.540	138	8	2.548	ng	94
65) 4,6-Dinitro-2-methylph...	15.869	198	16	4.626	ng	# 1
77) Benzidine	19.657	184	17	2.284	ng	# 19

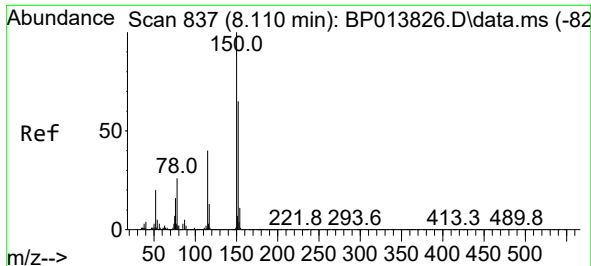
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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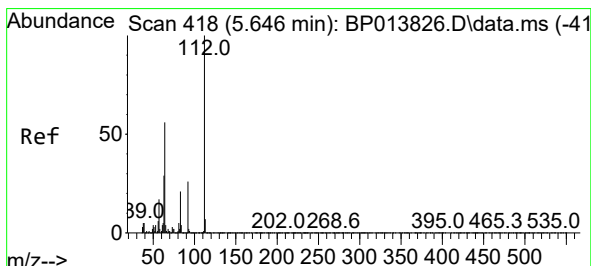
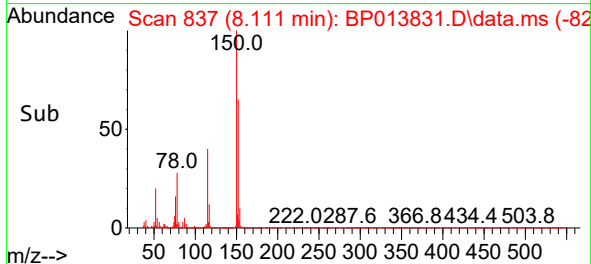
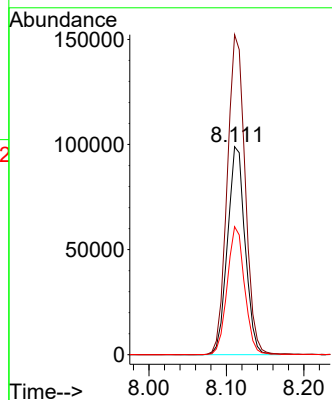
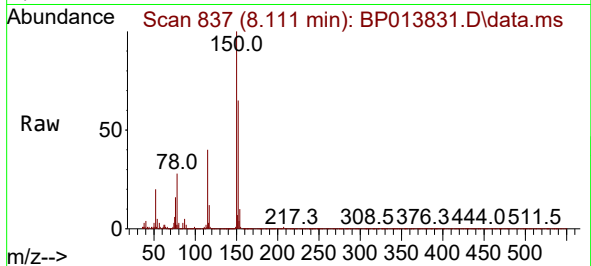




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

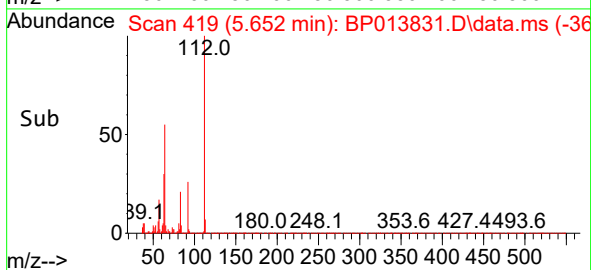
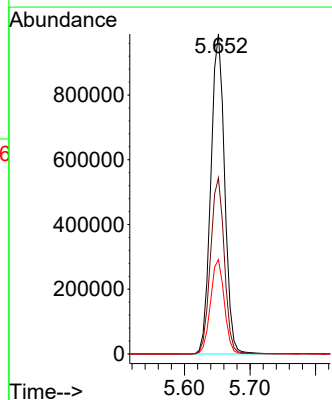
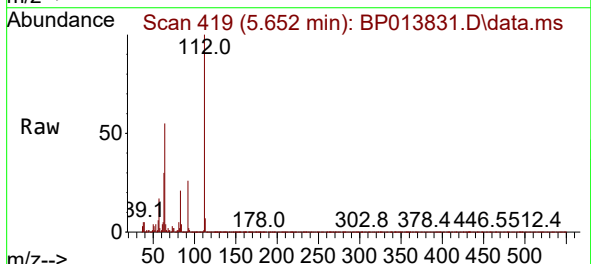
Instrument :
BNA_P
ClientSampleId :
PB150892BL

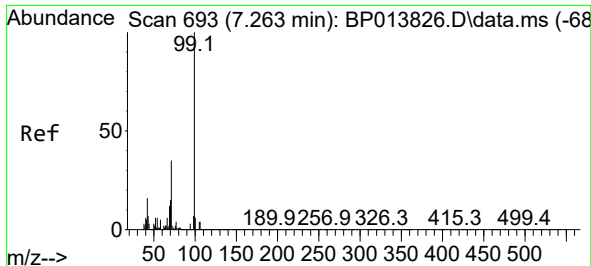
Tgt Ion:152 Resp: 156579
Ion Ratio Lower Upper
152 100
150 153.8 122.8 184.2
115 61.5 49.0 73.6



#5
2-Fluorophenol
Concen: 152.579 ng
RT: 5.652 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:112 Resp: 1449579
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 29.5 23.6 35.4



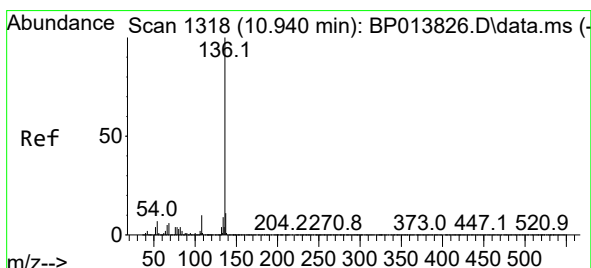
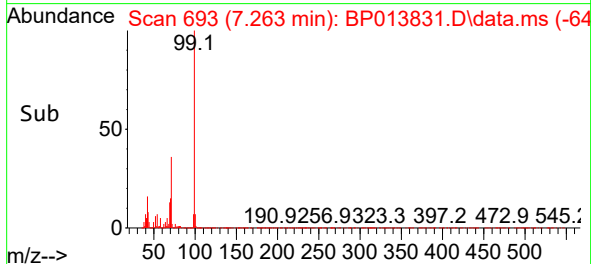
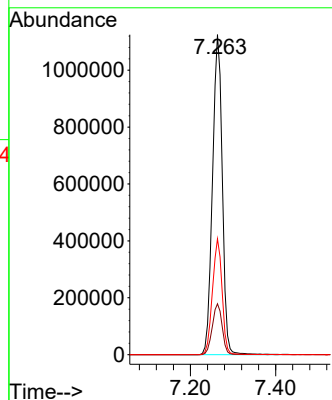
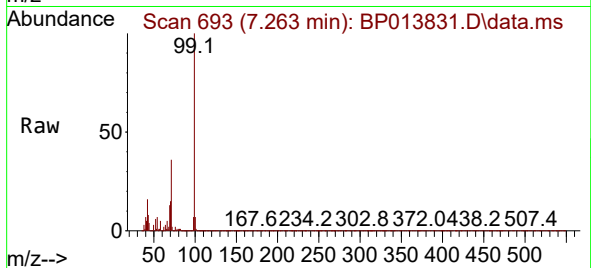


#7
Phenol-d6
Concen: 147.317 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Instrument :
BNA_P
ClientSampleId :
PB150892BL

Tgt Ion: 99 Resp: 1792495

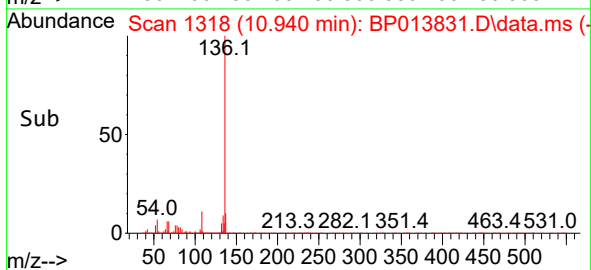
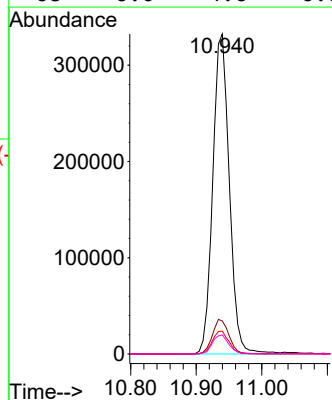
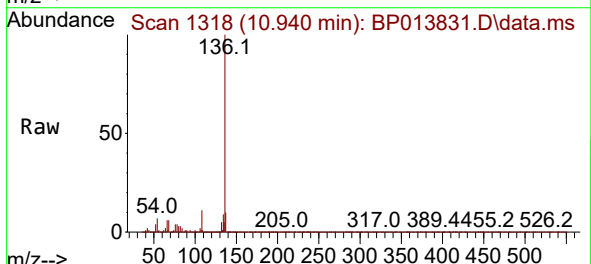
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	36.2	27.8	41.8

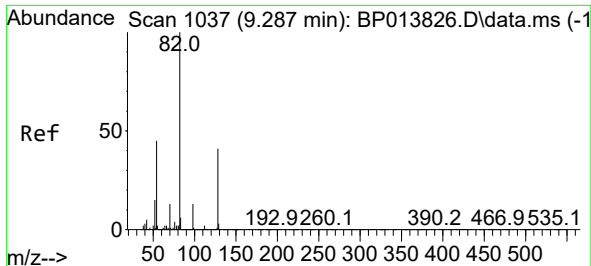


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion: 136 Resp: 580698

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.2	5.8	8.6
68	6.0	4.6	6.8

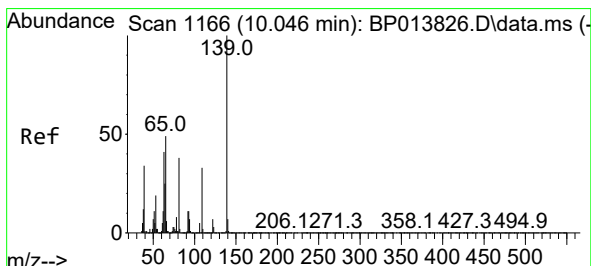
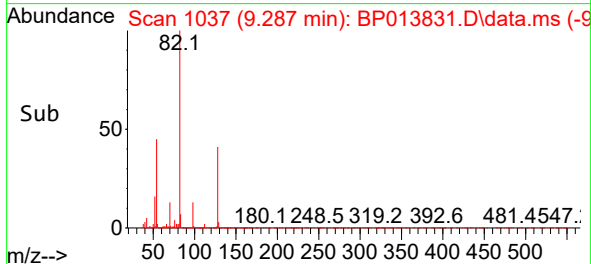
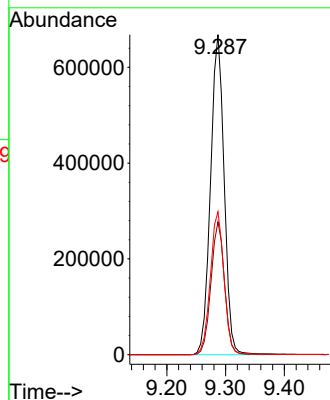
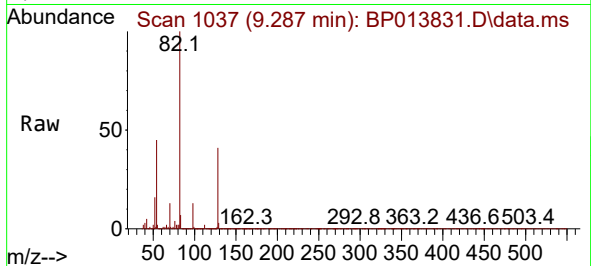




#23
Nitrobenzene-d5
Concen: 100.352 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

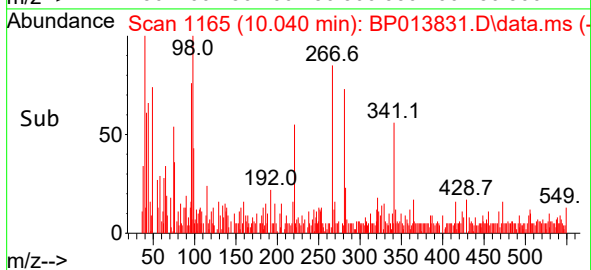
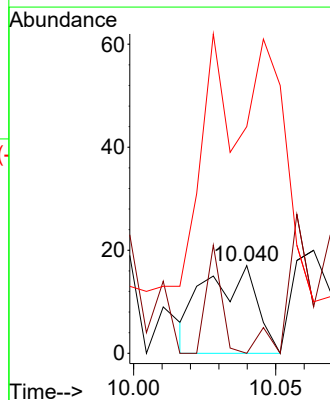
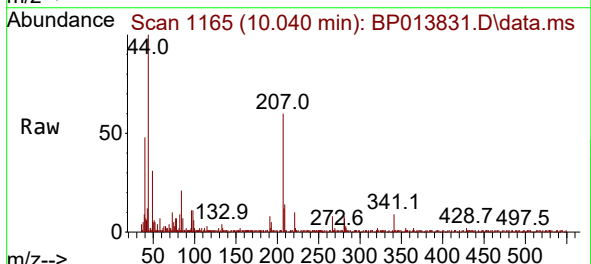
Instrument :
BNA_P
ClientSampleId :
PB150892BL

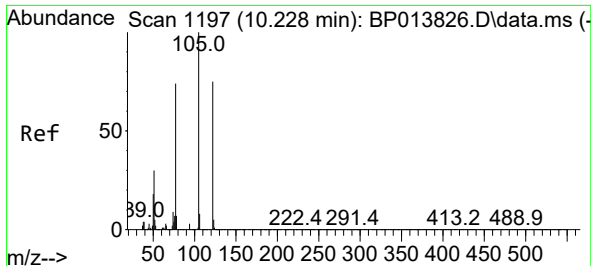
Tgt Ion: 82 Resp: 1079150
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 44.7 35.6 53.4



#26
2-Nitrophenol
Concen: 2.772 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 0.0 26.7 40.1#
65 258.8 39.4 59.2#

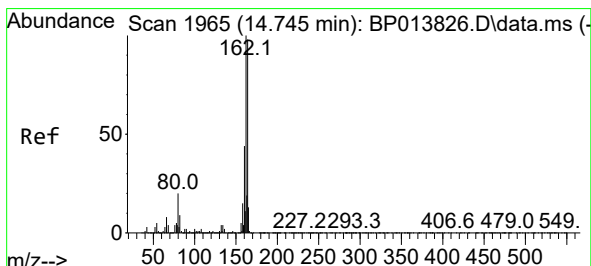
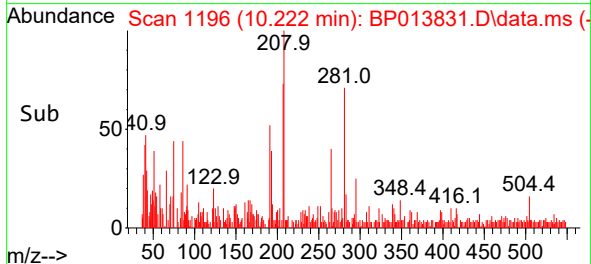
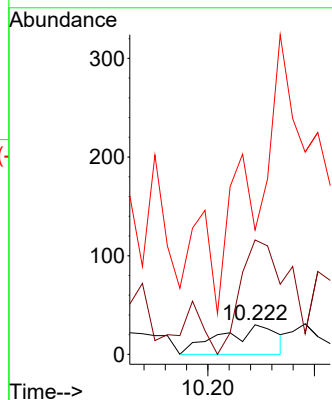
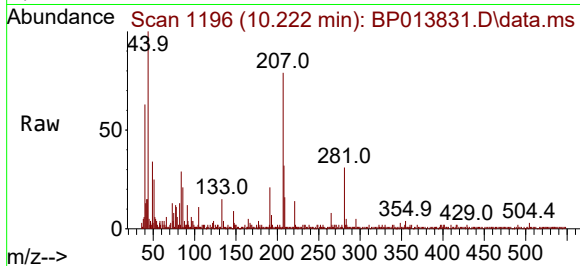




#32
Benzoic acid
Concen: 5.082 ng
RT: 10.222 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

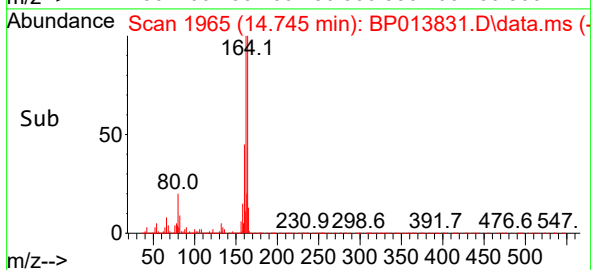
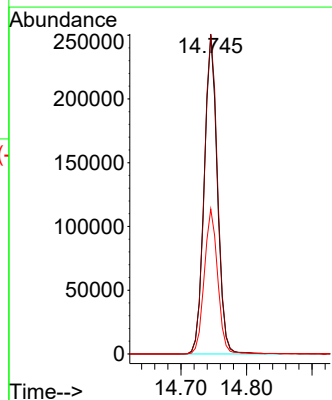
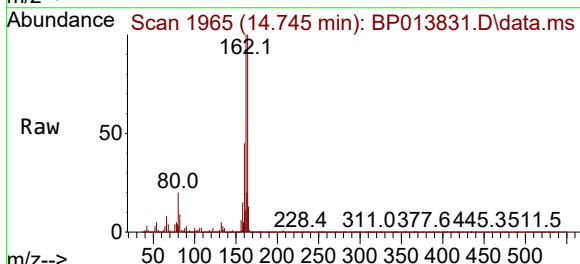
Instrument :
BNA_P
ClientSampleId :
PB150892BL

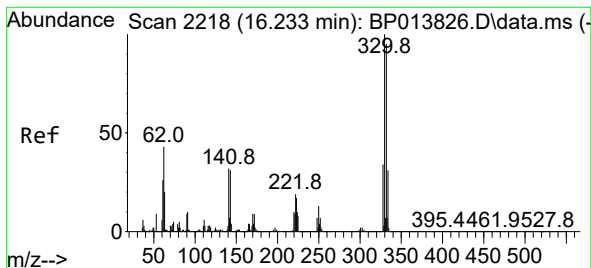
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 386.7 107.4 147.4#
77 420.0 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:164 Resp: 349353
Ion Ratio Lower Upper
164 100
162 100.4 81.7 122.5
160 45.5 36.1 54.1

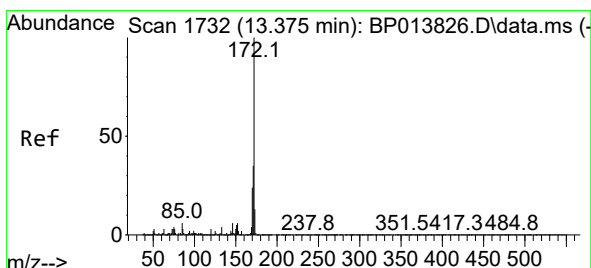
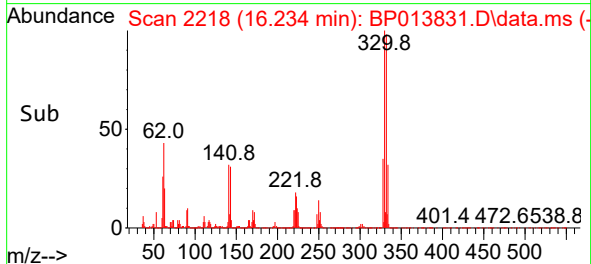
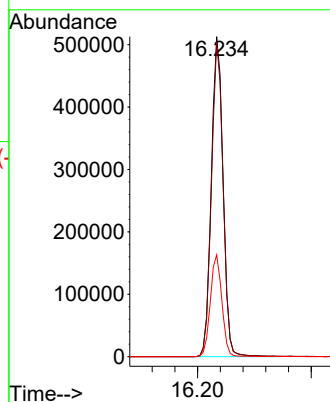
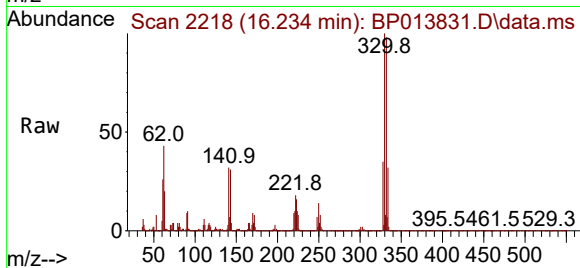




#42
2,4,6-Tribromophenol
Concen: 144.338 ng
RT: 16.234 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

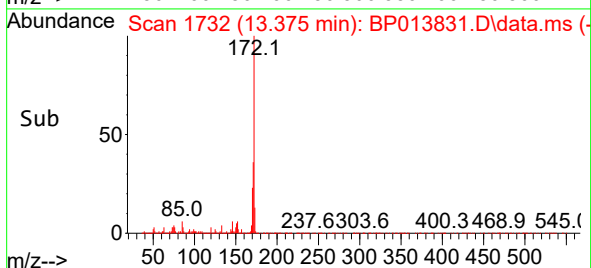
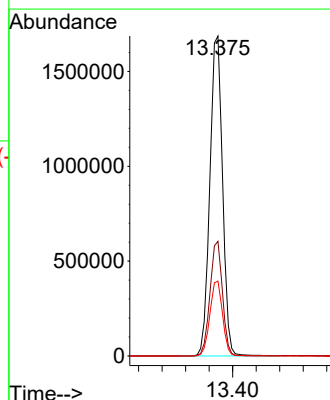
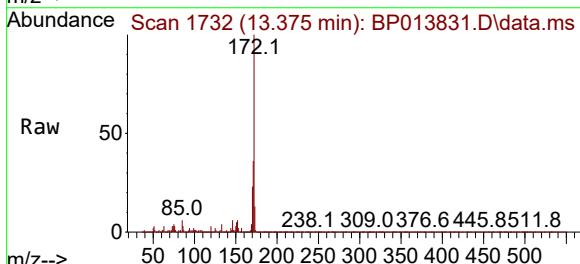
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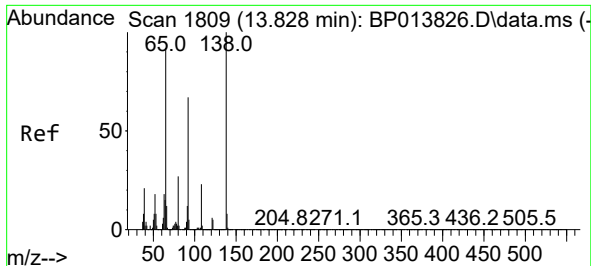
Tgt Ion:330 Resp: 734021
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 31.2 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 95.384 ng
RT: 13.375 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:172 Resp: 2537009
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 23.4 19.0 28.4

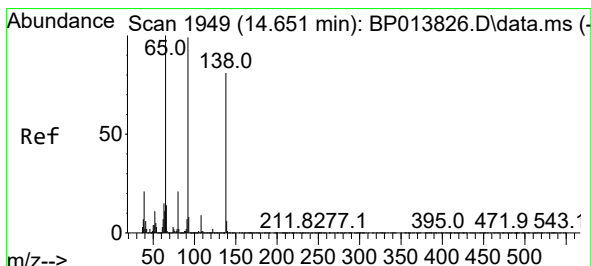
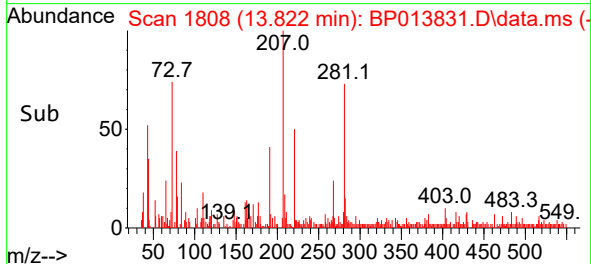
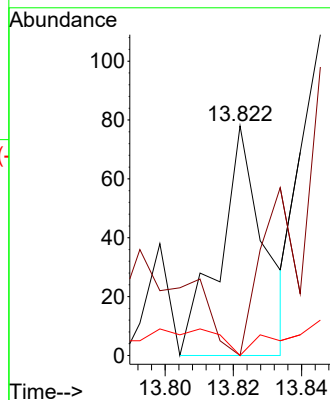
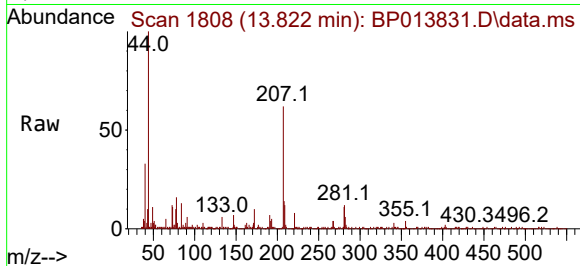




#48
2-Nitroaniline
Concen: 3.241 ng
RT: 13.822 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

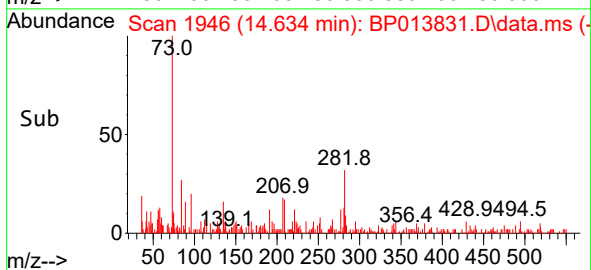
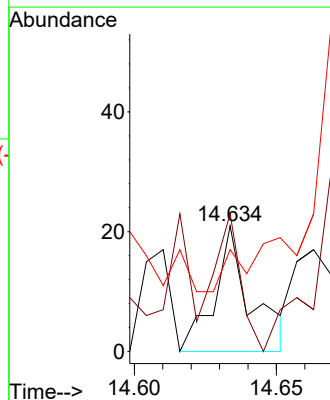
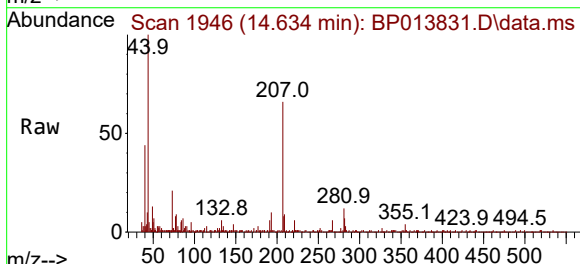
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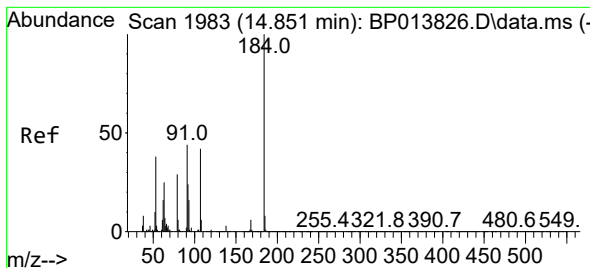
Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 16.7 58.7 88.1#
138 0.0 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.011 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion: 138 Resp: 19
Ion Ratio Lower Upper
138 100
108 109.5 9.0 13.4#
92 81.0 97.1 145.7#

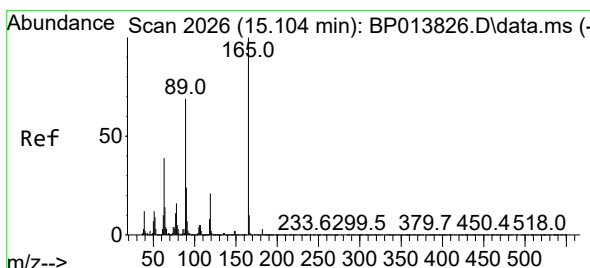
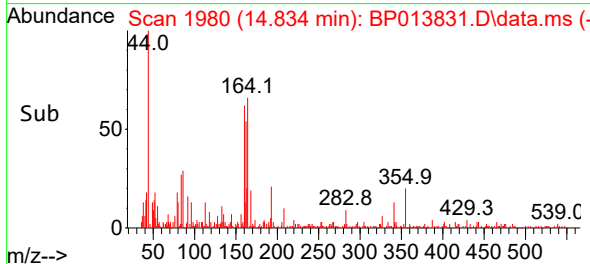
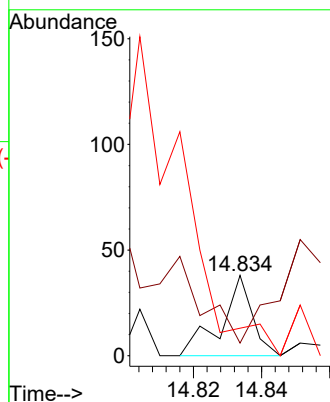
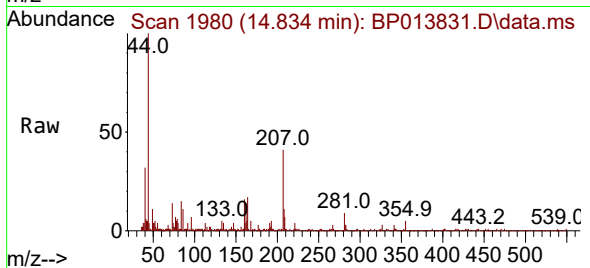




#54
2,4-Dinitrophenol
Concen: 5.268 ng
RT: 14.834 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

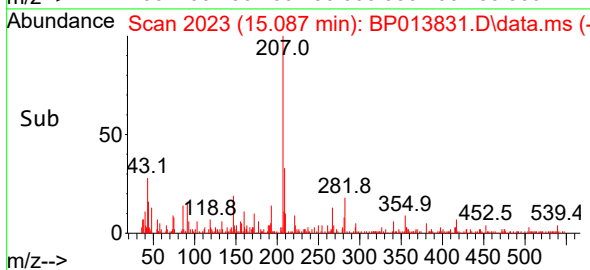
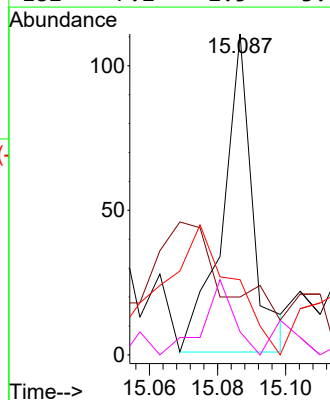
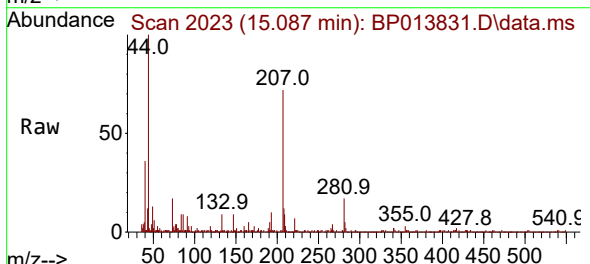
Instrument :
BNA_P
ClientSampleId :
PB150892BL

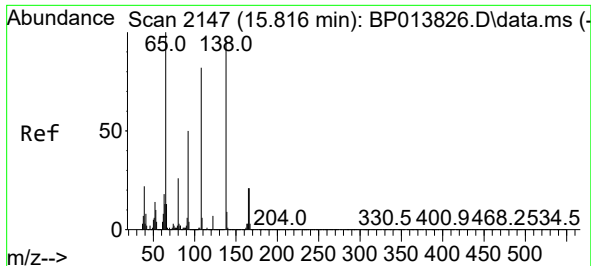
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 15.8 47.0 70.4#
154 34.2 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.289 ng
RT: 15.087 min Scan# 2023
Delta R.T. -0.017 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:165 Resp: 68
Ion Ratio Lower Upper
165 100
63 18.0 31.1 46.7#
89 23.4 54.9 82.3#
182 7.2 2.5 3.7#

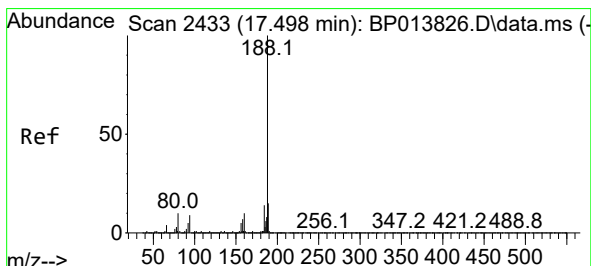
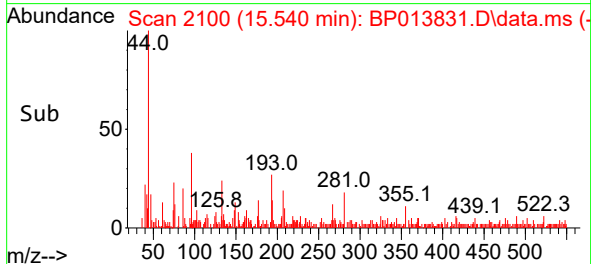
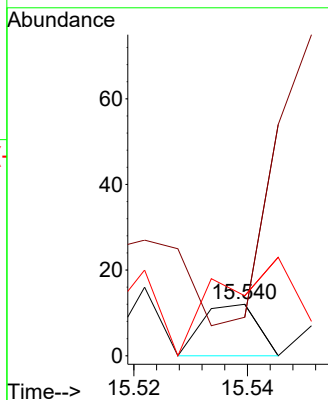
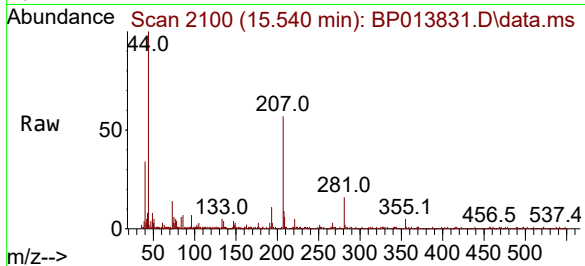




#62
4-Nitroaniline
Concen: 2.548 ng
RT: 15.540 min Scan# 2147
Delta R.T. -0.276 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

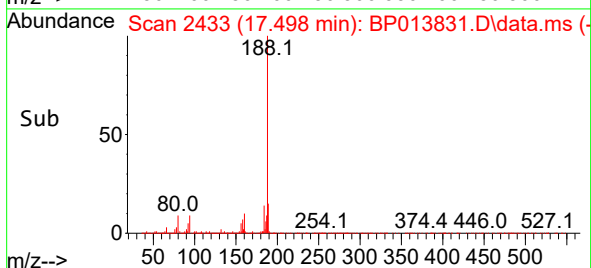
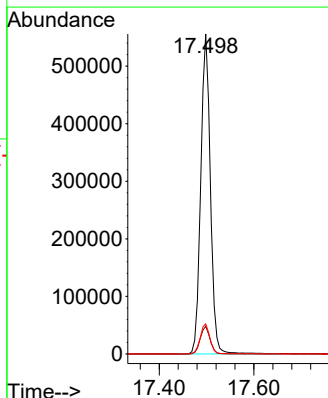
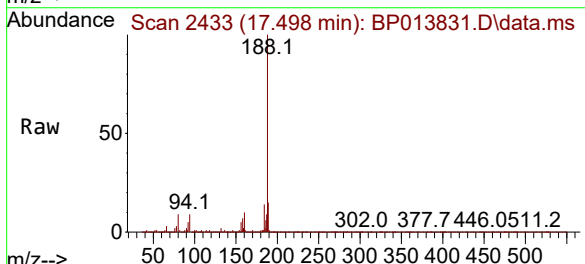
Instrument :
BNA_P
ClientSampleId :
PB150892BL

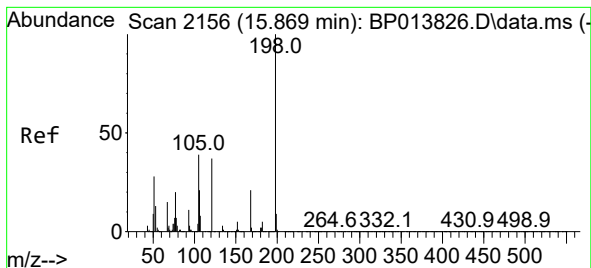
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 50.0 32.0 72.0
108 77.8 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:188 Resp: 781641
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.8 11.8

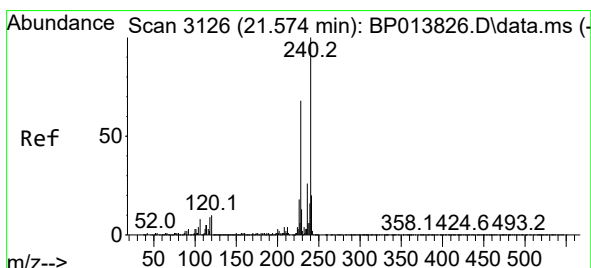
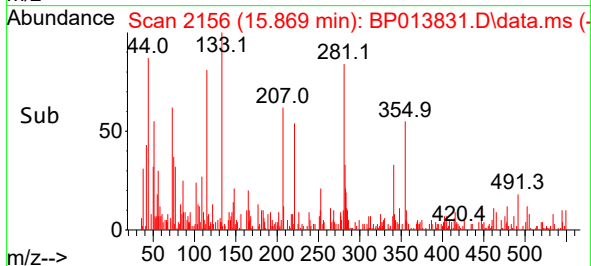
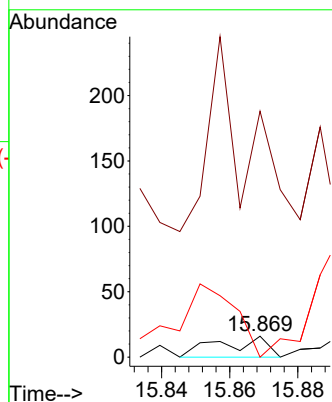
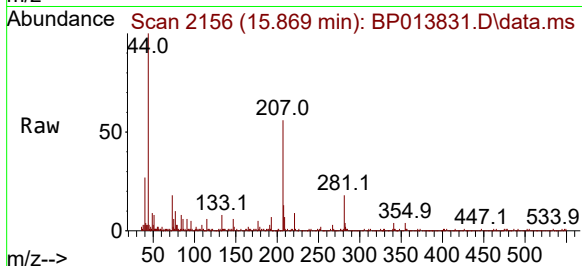




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

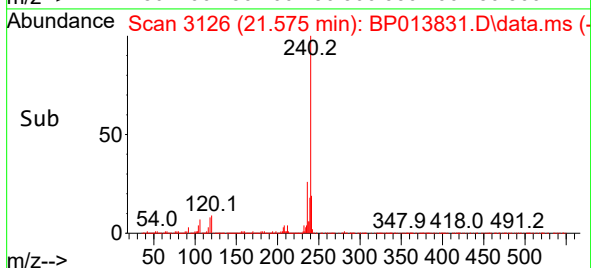
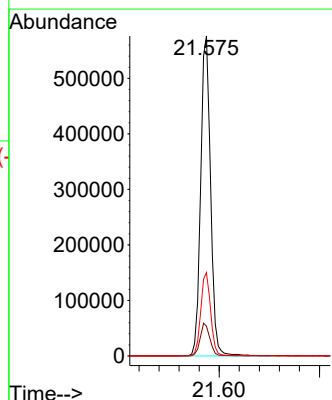
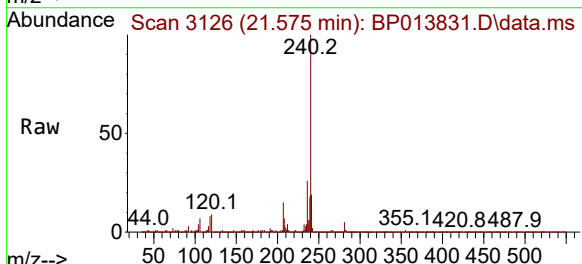
Instrument :
BNA_P
ClientSampleId :
PB150892BL

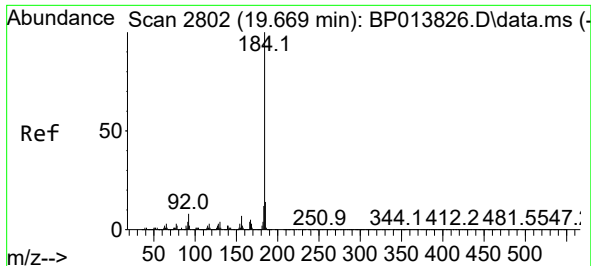
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1175.0 14.3 54.3#
105 0.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:240 Resp: 788537
Ion Ratio Lower Upper
240 100
120 9.3 7.9 11.9
236 26.1 20.9 31.3

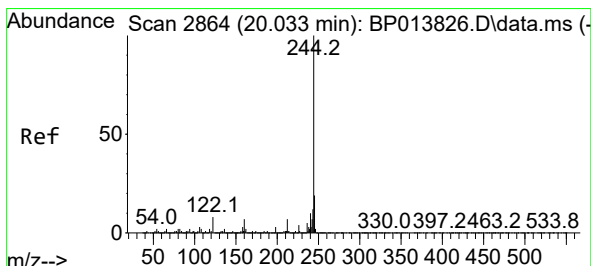
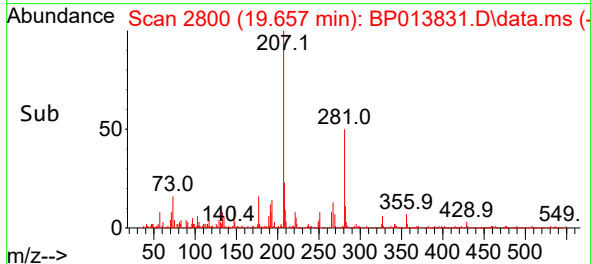
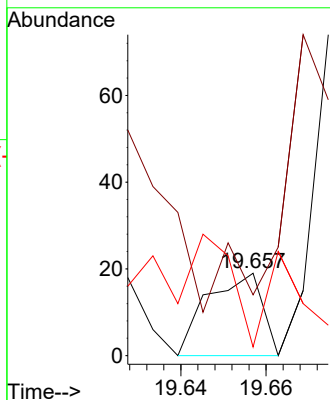
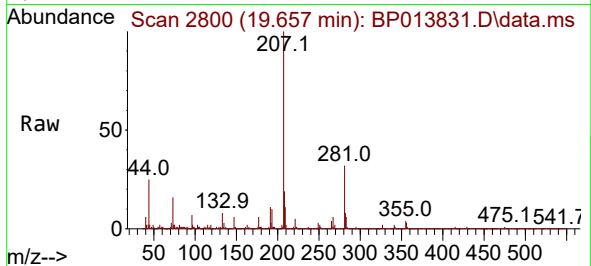




#77
Benzidine
Concen: 2.284 ng
RT: 19.657 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

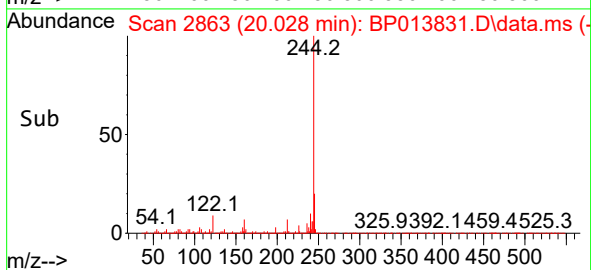
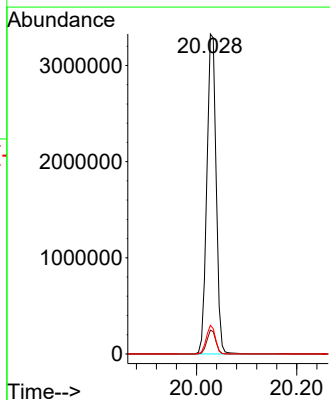
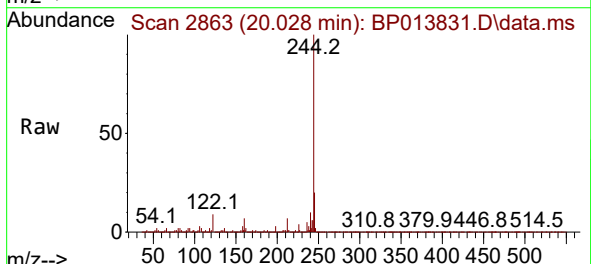
Instrument :
BNA_P
ClientSampleId :
PB150892BL

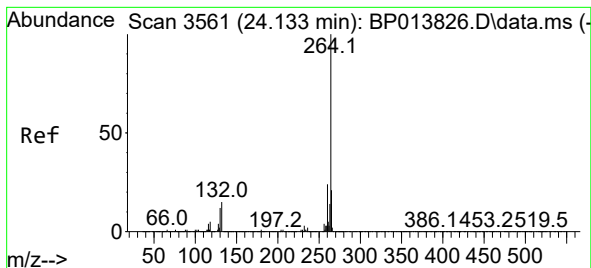
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
185 73.7 11.4 17.0#
183 10.5 9.6 14.4



#79
Terphenyl-d14
Concen: 104.398 ng
RT: 20.028 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BP013831.D
Acq: 16 Feb 2023 16:59

Tgt Ion:244 Resp: 4278699
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.9 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013831.D

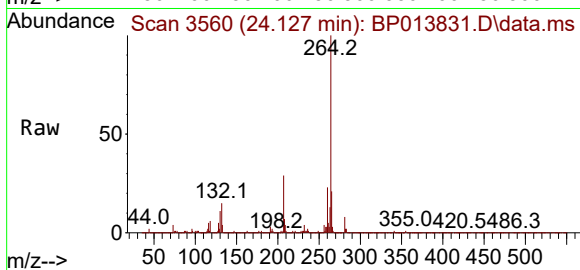
Acq: 16 Feb 2023 16:59

Instrument :

BNA_P

ClientSampleId :

PB150892BL



Tgt Ion:264 Resp: 911240

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.5 17.6 26.4

