

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013933.D
 Acq On : 02 Mar 2023 21:22
 Operator : CG/JU
 Sample : 01749-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-10

Quant Time: Mar 03 02:41:40 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)

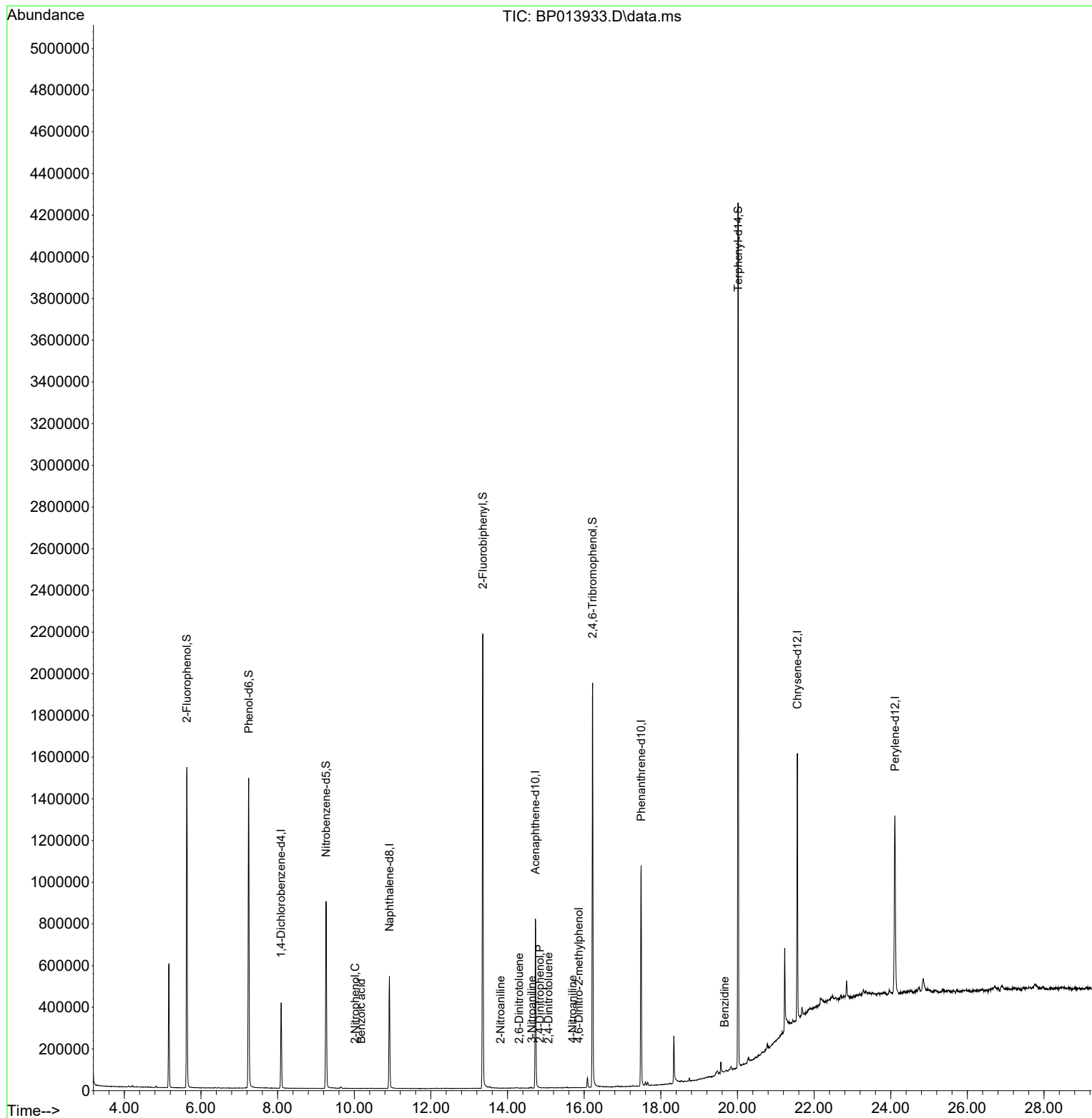
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	108894	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	428830	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	285565	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	658625	20.000	ng	0.00
76) Chrysene-d12	21.563	240	624203	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	716252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	639920	96.852	ng	0.00
7) Phenol-d6	7.246	99	834091	98.569	ng	0.00
23) Nitrobenzene-d5	9.263	82	528093	66.500	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	393342	94.624	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1156886	53.211	ng	0.00
79) Terphenyl-d14	20.016	244	1961284	60.453	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.022	139	14	2.772	ng	# 77
32) Benzoic acid	10.181	122	35	5.081	ng	# 1
48) 2-Nitroaniline	13.816	65	16	3.233	ng	# 17
51) 2,6-Dinitrotoluene	14.304	165	91	2.005	ng	# 66
53) 3-Nitroaniline	14.634	138	13	2.010	ng	# 1
54) 2,4-Dinitrophenol	14.845	184	23	5.268	ng	# 1
57) 2,4-Dinitrotoluene	15.069	165	109	2.296	ng	# 46
62) 4-Nitroaniline	15.698	138	23	2.551	ng	86
65) 4,6-Dinitro-2-methylph...	15.857	198	20	4.628	ng	# 1
77) Benzidine	19.669	184	879	2.348	ng	# 56

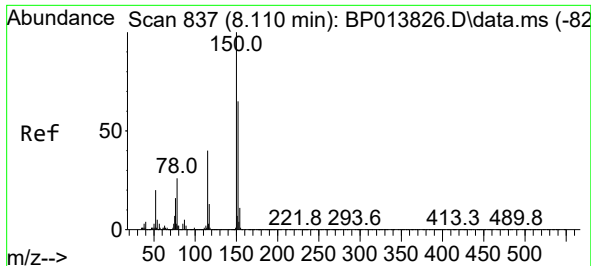
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013933.D
Acq On : 02 Mar 2023 21:22
Operator : CG/JU
Sample : 01749-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CF-10

Quant Time: Mar 03 02:41:40 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

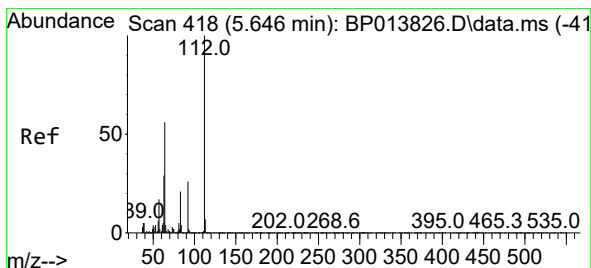
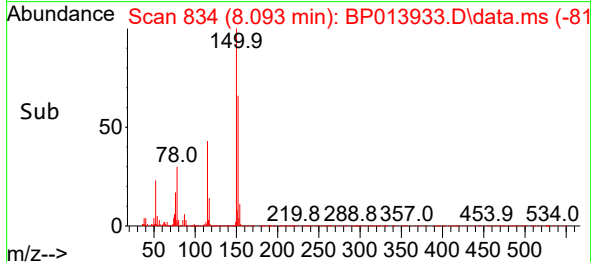
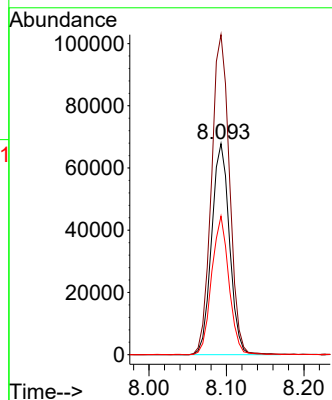
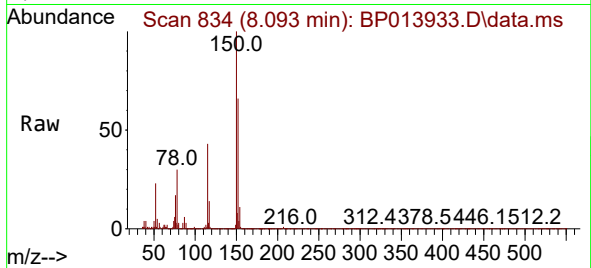




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

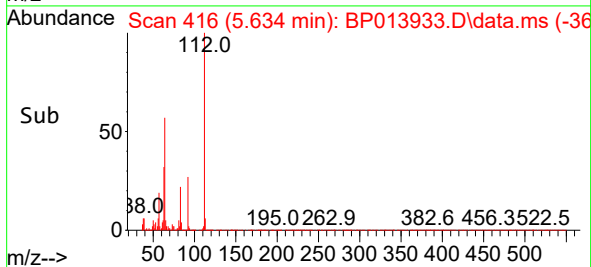
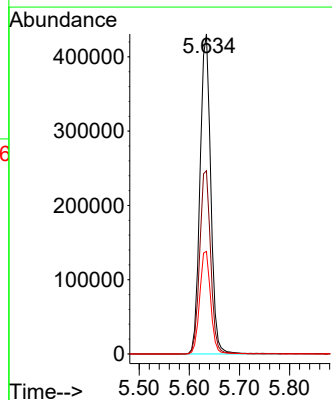
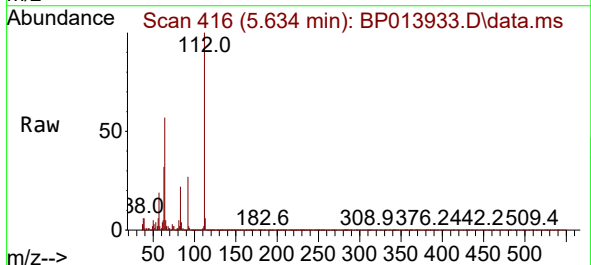
Instrument :
BNA_P
ClientSampleId :
CF-10

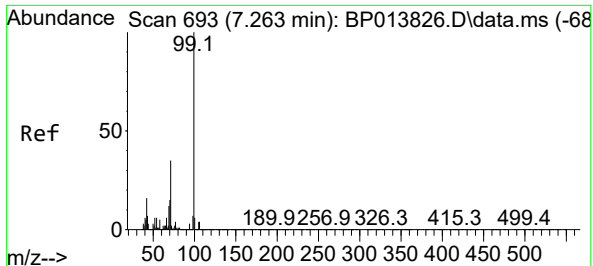
Tgt Ion:152 Resp: 108894
Ion Ratio Lower Upper
152 100
150 151.6 122.8 184.2
115 65.6 49.0 73.6



#5
2-Fluorophenol
Concen: 96.852 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion:112 Resp: 639920
Ion Ratio Lower Upper
112 100
64 57.2 44.6 66.8
63 32.1 23.6 35.4

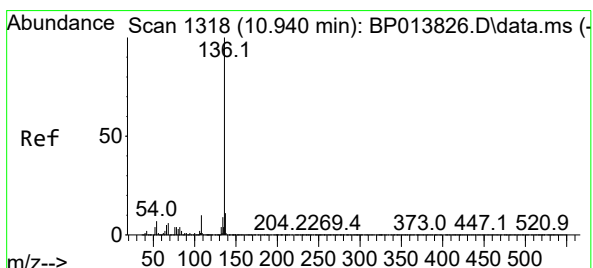
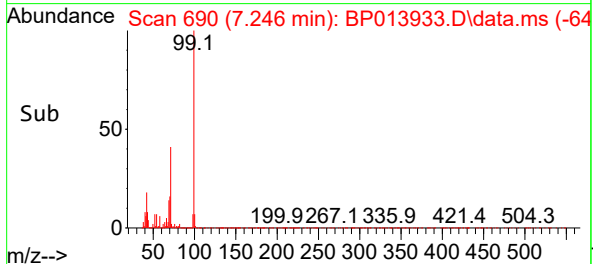
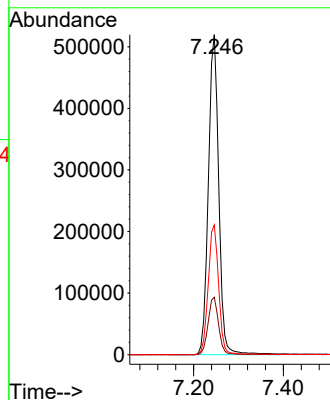
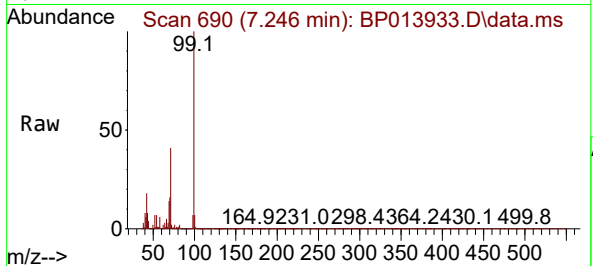




#7
Phenol-d6
Concen: 98.569 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

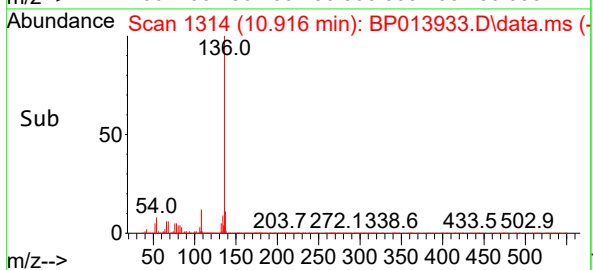
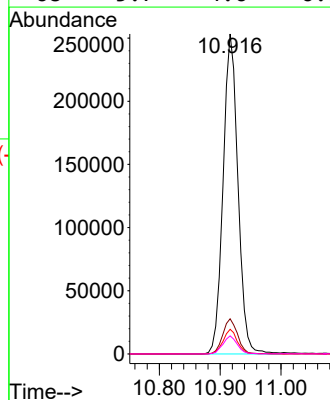
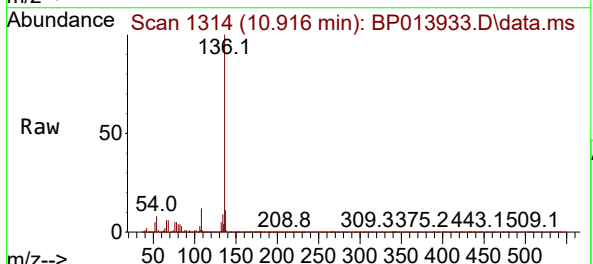
Instrument :
BNA_P
ClientSampleId :
CF-10

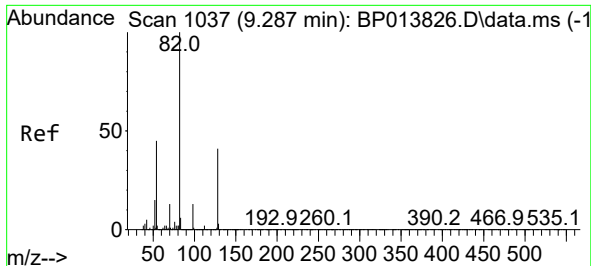
Tgt Ion: 99 Resp: 834091
Ion Ratio Lower Upper
99 100
42 17.9 12.5 18.7
71 40.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion: 136 Resp: 428830
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.7 5.8 8.6
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.500 ng

RT: 9.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

Instrument :

BNA_P

ClientSampleId :

CF-10

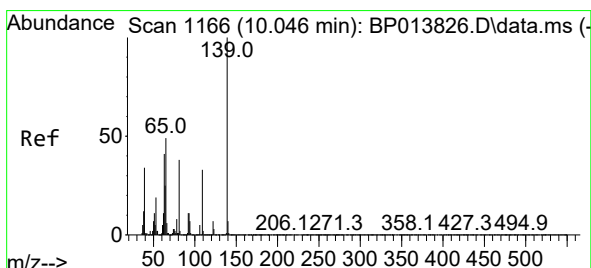
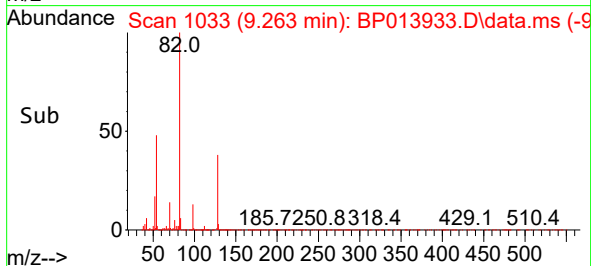
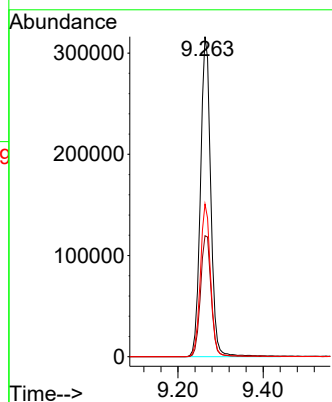
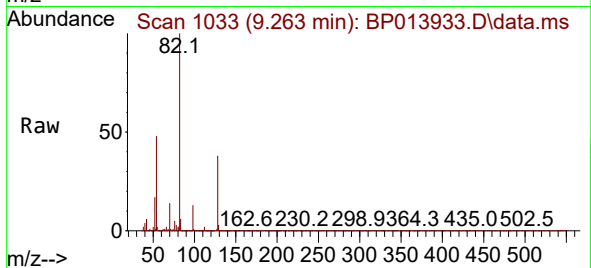
Tgt Ion: 82 Resp: 528093

Ion Ratio Lower Upper

82 100

128 37.8 32.9 49.3

54 47.7 35.6 53.4



#26

2-Nitrophenol

Concen: 2.772 ng

RT: 10.022 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

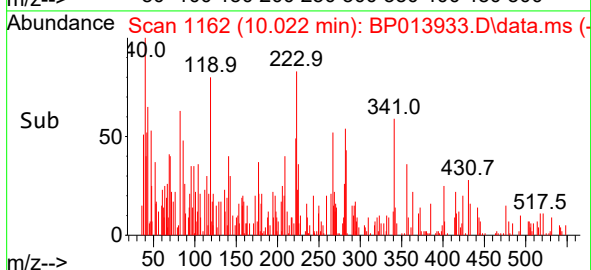
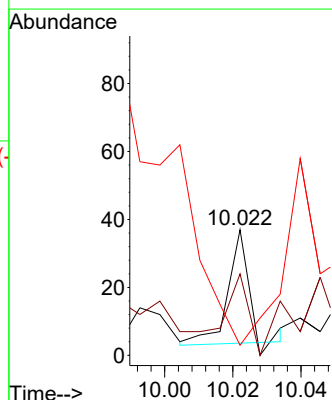
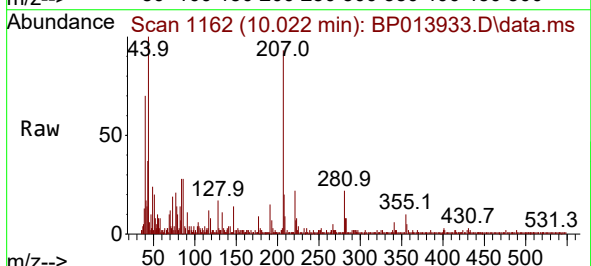
Tgt Ion:139 Resp: 14

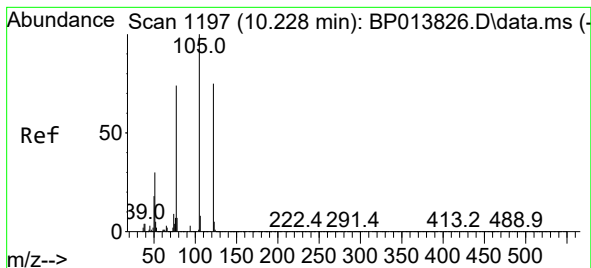
Ion Ratio Lower Upper

139 100

109 64.9 26.7 40.1#

65 48.6 39.4 59.2

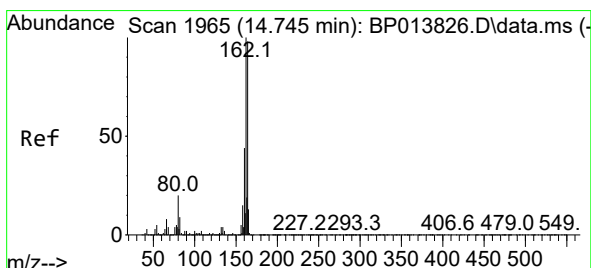
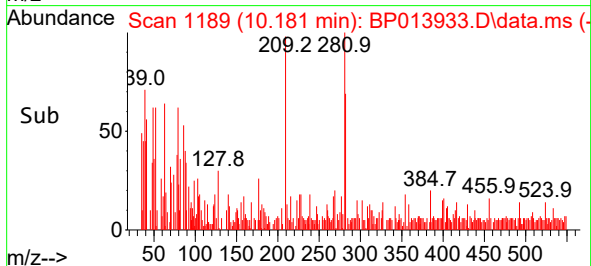
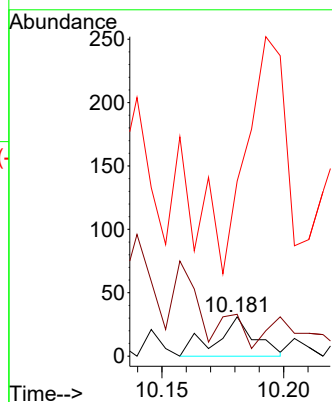
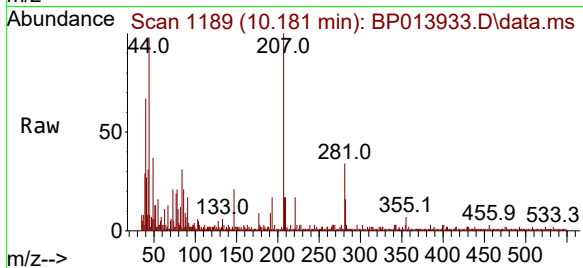




#32
Benzoic acid
Concen: 5.081 ng
RT: 10.181 min Scan# 1197
Delta R.T. -0.029 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

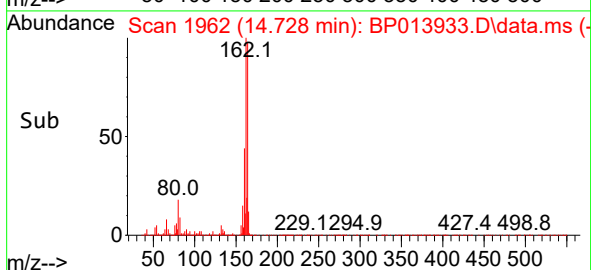
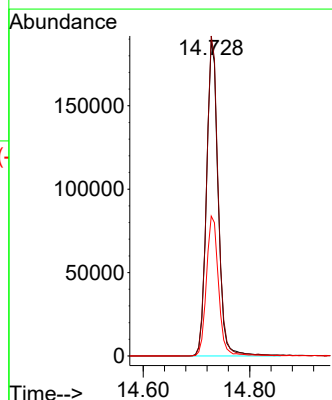
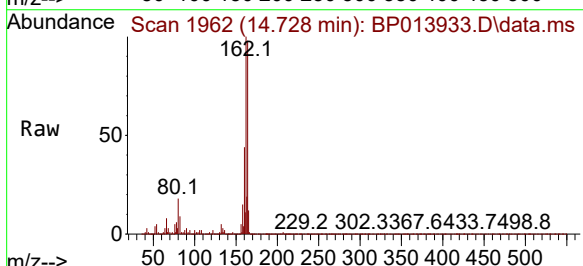
Instrument :
BNA_P
ClientSampleId :
CF-10

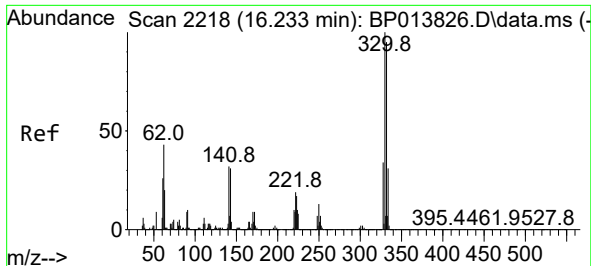
Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 106.5 107.4 147.4#
77 445.2 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion:164 Resp: 285565
Ion Ratio Lower Upper
164 100
162 101.7 81.7 122.5
160 44.4 36.1 54.1

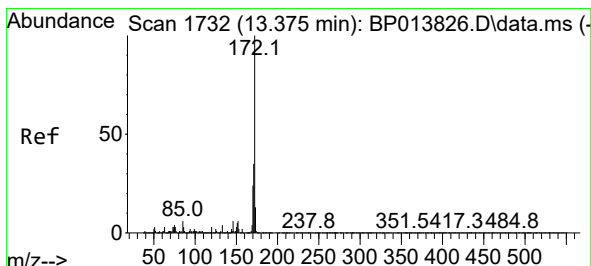
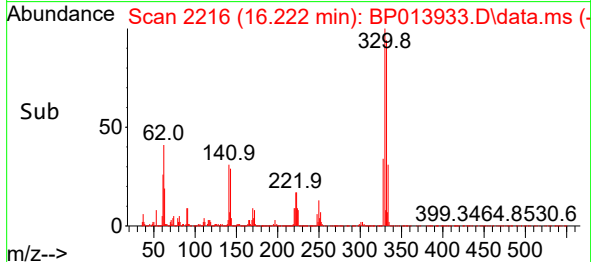
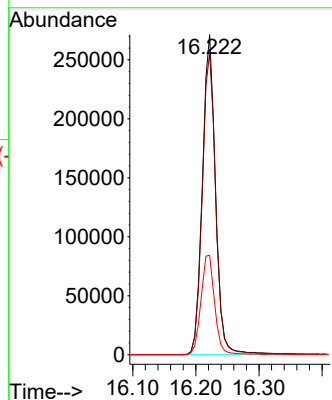
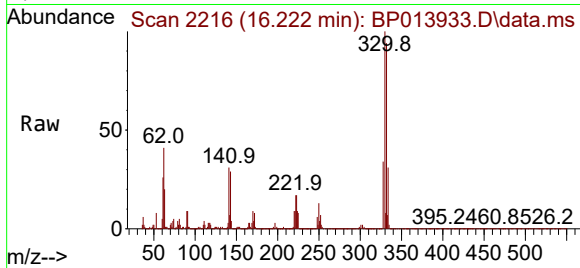




#42
2,4,6-Tribromophenol
Concen: 94.624 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

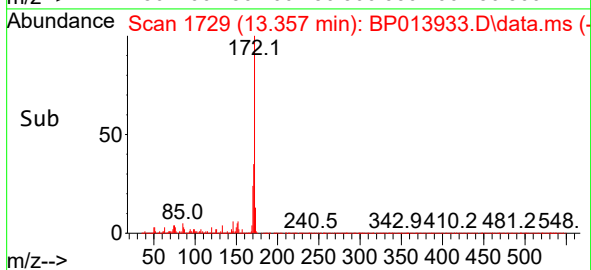
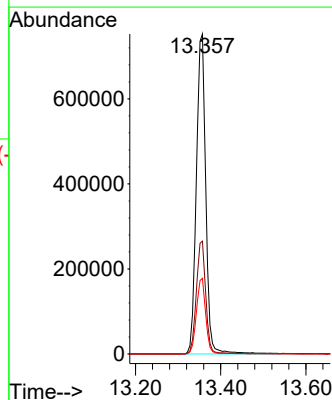
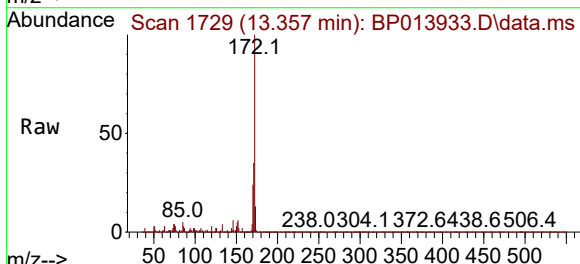
Instrument :
BNA_P
ClientSampleId :
CF-10

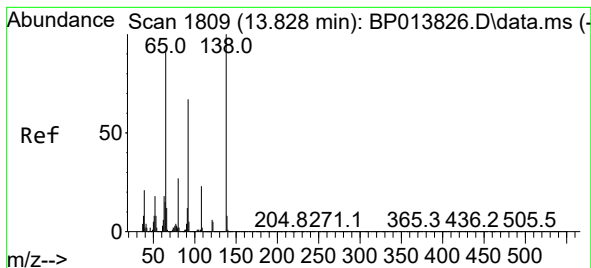
Tgt Ion:330 Resp: 393342
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 32.4 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 53.211 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion:172 Resp: 1156886
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.7 19.0 28.4

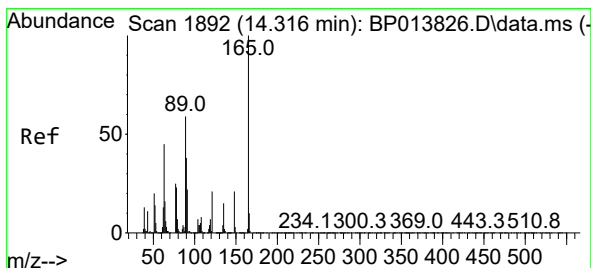
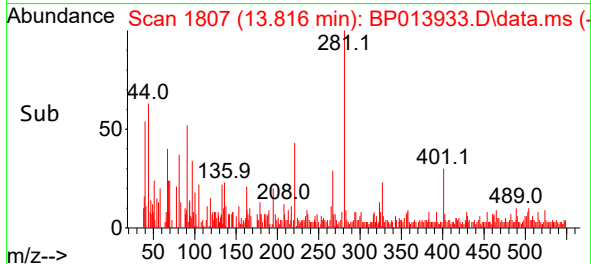
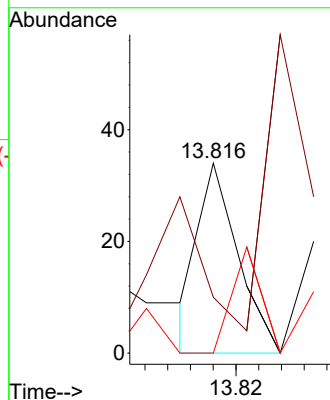
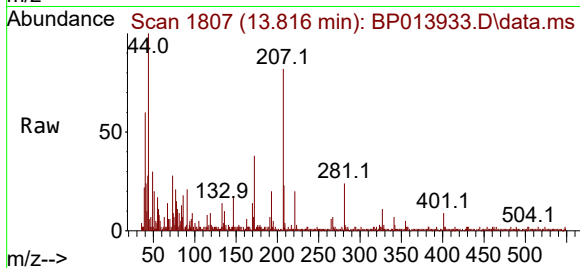




#48
2-Nitroaniline
Concen: 3.233 ng
RT: 13.816 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

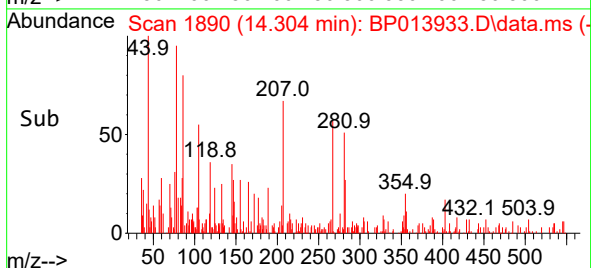
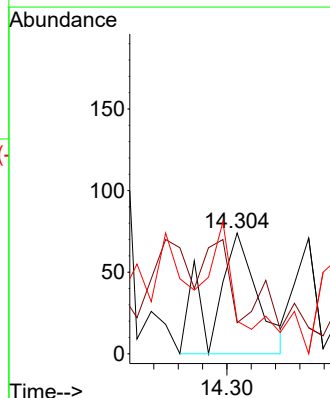
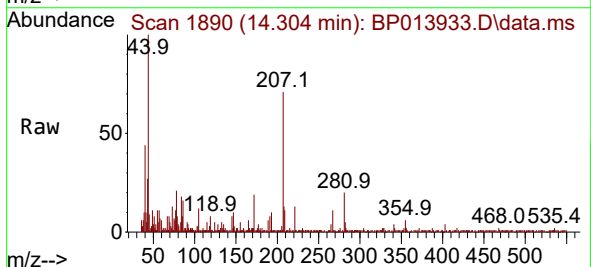
Instrument :
BNA_P
ClientSampleId :
CF-10

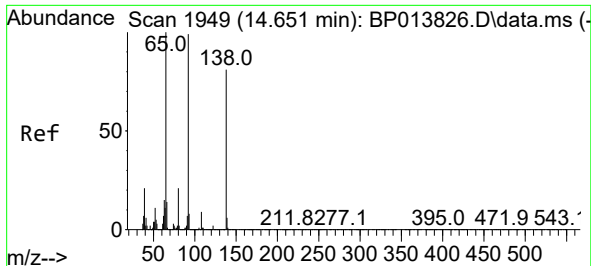
Tgt Ion: 65 Resp: 16
Ion Ratio Lower Upper
65 100
92 29.4 58.7 88.1#
138 0.0 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.005 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion: 165 Resp: 91
Ion Ratio Lower Upper
165 100
63 35.1 42.6 63.8#
89 27.0 47.1 70.7#

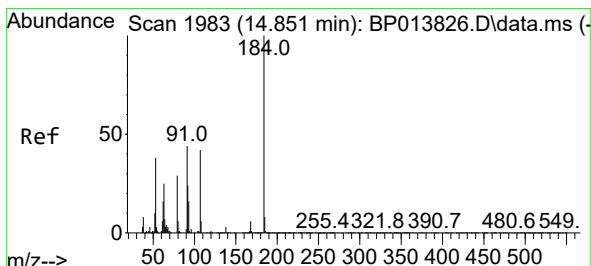
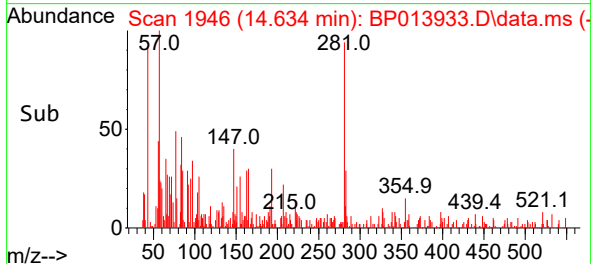
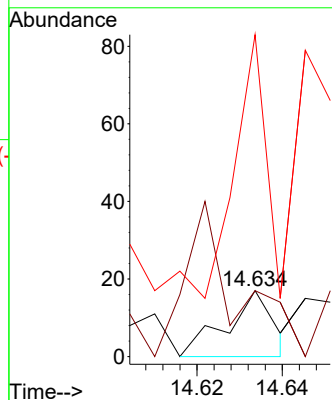
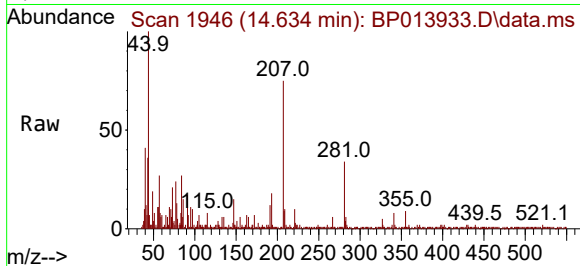




#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

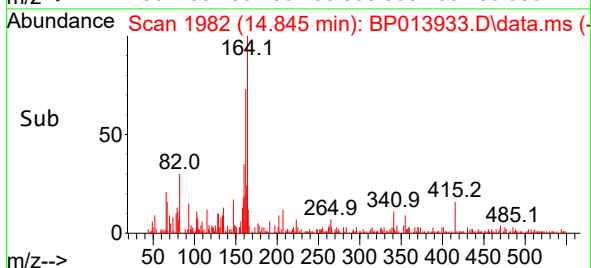
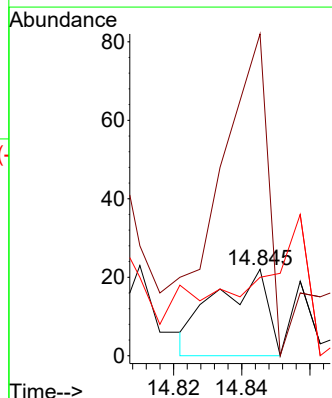
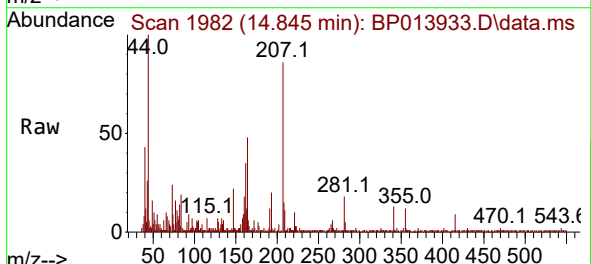
Instrument :
BNA_P
ClientSampleId :
CF-10

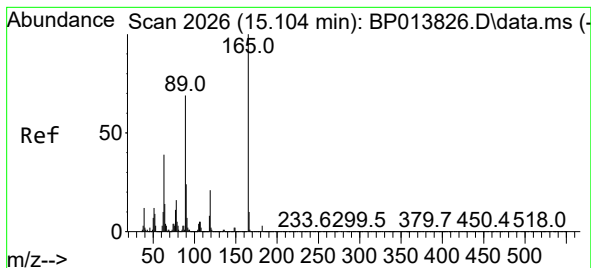
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 100.0 9.0 13.4#
92 488.2 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.268 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 372.7 47.0 70.4#
154 90.9 51.5 77.3#

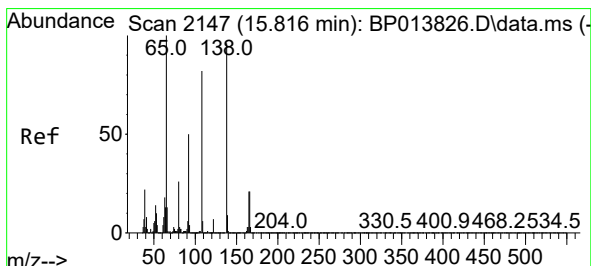
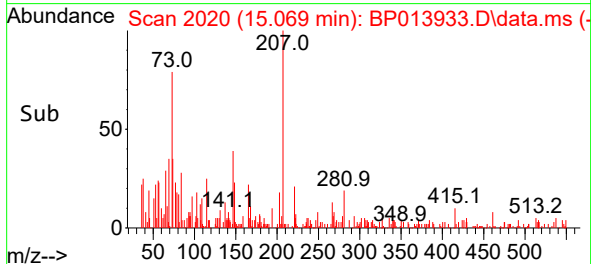
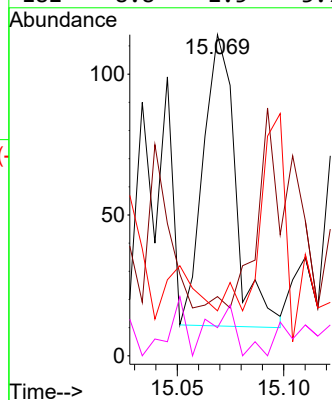
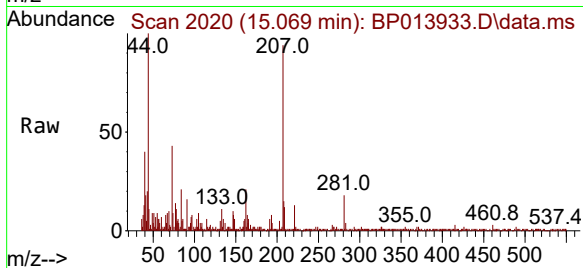




#57
2,4-Dinitrotoluene
Concen: 2.296 ng
RT: 15.069 min Scan# 2109
Delta R.T. -0.024 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

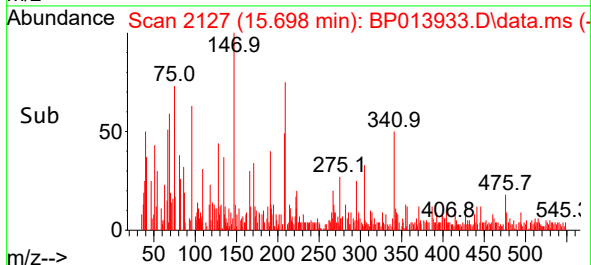
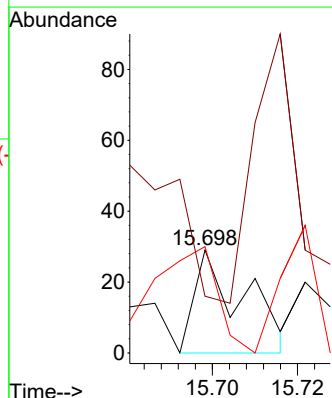
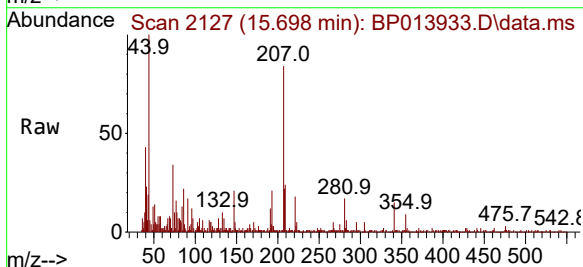
Instrument :
BNA_P
ClientSampleId :
CF-10

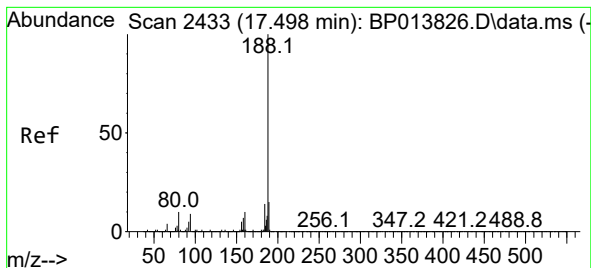
Tgt Ion:165 Resp: 109
Ion Ratio Lower Upper
165 100
63 18.4 31.1 46.7#
89 14.0 54.9 82.3#
182 8.8 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.106 min
Lab File: BP013933.D
Acq: 02 Mar 2023 21:22

Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 55.2 32.0 72.0
108 103.4 65.6 105.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

Instrument :

BNA_P

ClientSampleId :

CF-10

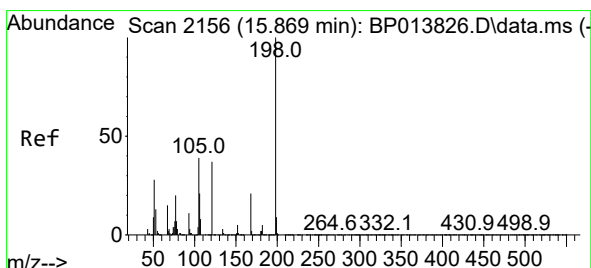
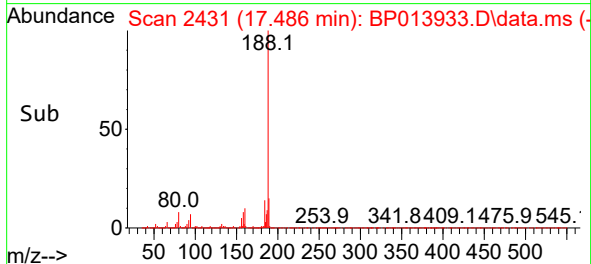
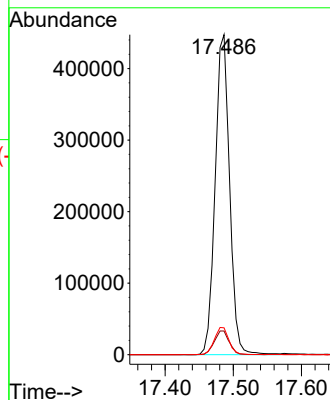
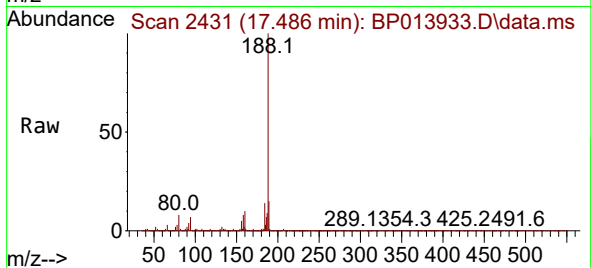
Tgt Ion:188 Resp: 658625

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.4 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.628 ng

RT: 15.857 min Scan# 2154

Delta R.T. -0.000 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

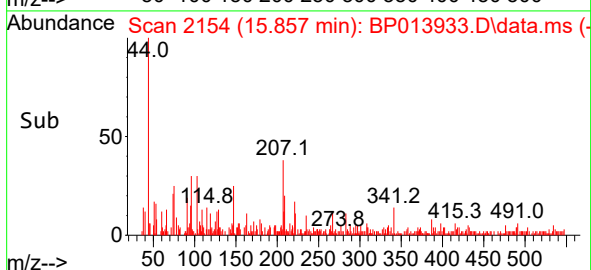
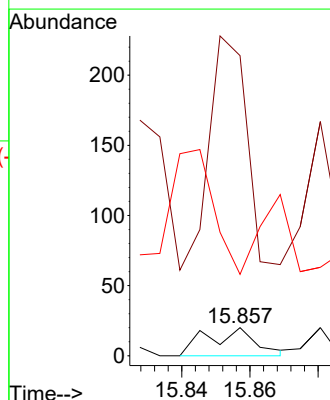
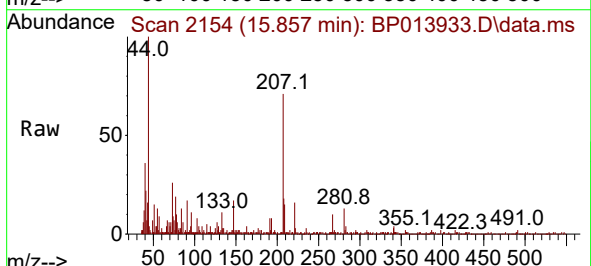
Tgt Ion:198 Resp: 20

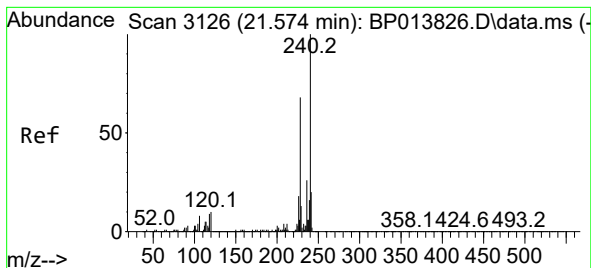
Ion Ratio Lower Upper

198 100

51 1070.0 14.3 54.3#

105 290.0 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

Instrument :

BNA_P

ClientSampleId :

CF-10

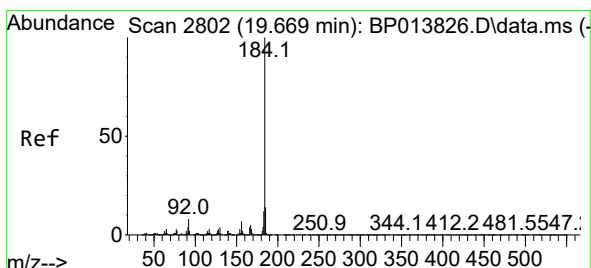
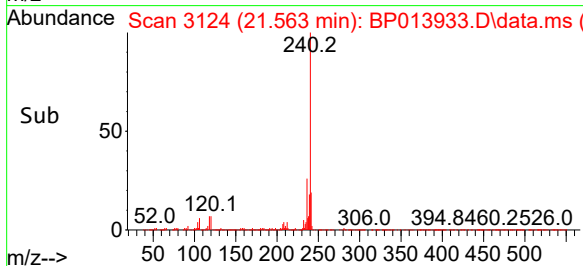
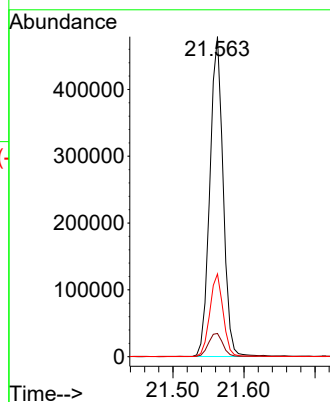
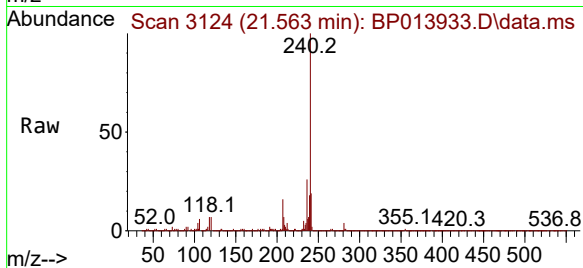
Tgt Ion:240 Resp: 624203

Ion Ratio Lower Upper

240 100

120 7.3 7.9 11.9#

236 25.9 20.9 31.3



#77

Benzidine

Concen: 2.348 ng

RT: 19.669 min Scan# 2802

Delta R.T. 0.012 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

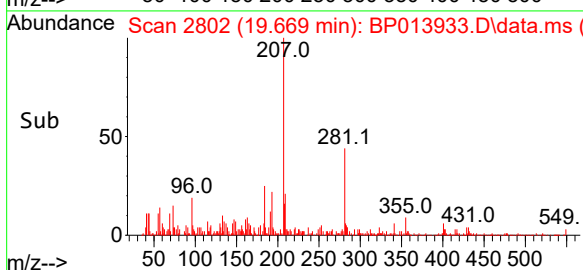
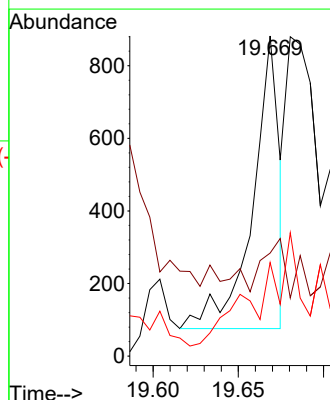
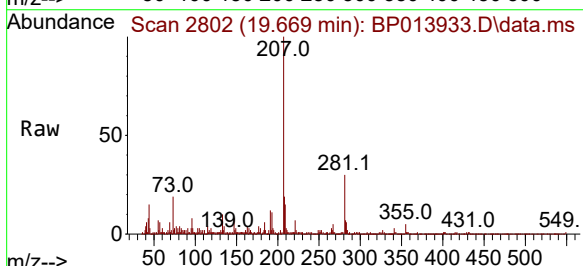
Tgt Ion:184 Resp: 879

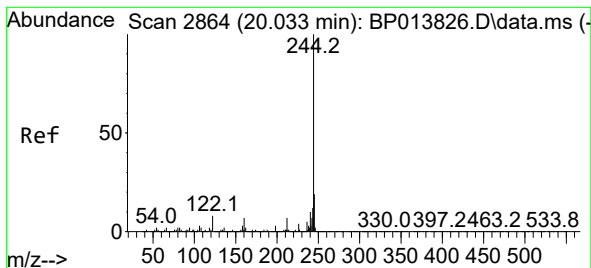
Ion Ratio Lower Upper

184 100

185 32.2 11.4 17.0#

183 29.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 60.453 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

Instrument :

BNA_P

ClientSampleId :

CF-10

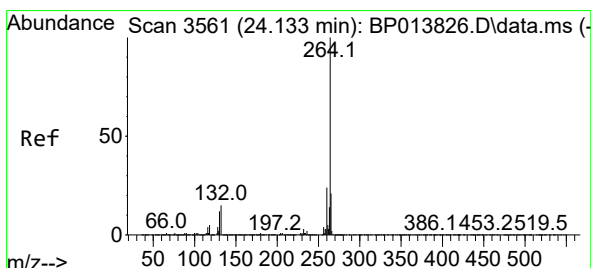
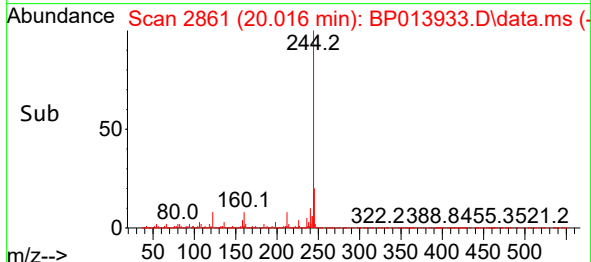
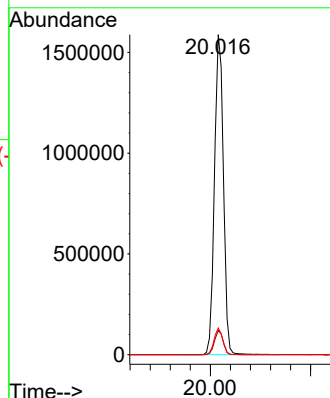
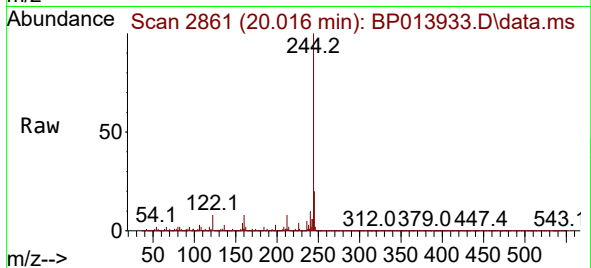
Tgt Ion:244 Resp: 1961284

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 8.3 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. 0.000 min

Lab File: BP013933.D

Acq: 02 Mar 2023 21:22

Tgt Ion:264 Resp: 716252

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.7 17.6 26.4

