

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013887.D
 Acq On : 24 Feb 2023 16:11
 Operator : CG/JU
 Sample : PB151066BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

Quant Time: Feb 24 17:07:23 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 24 16:57:00 2023
 Response via : Initial Calibration

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

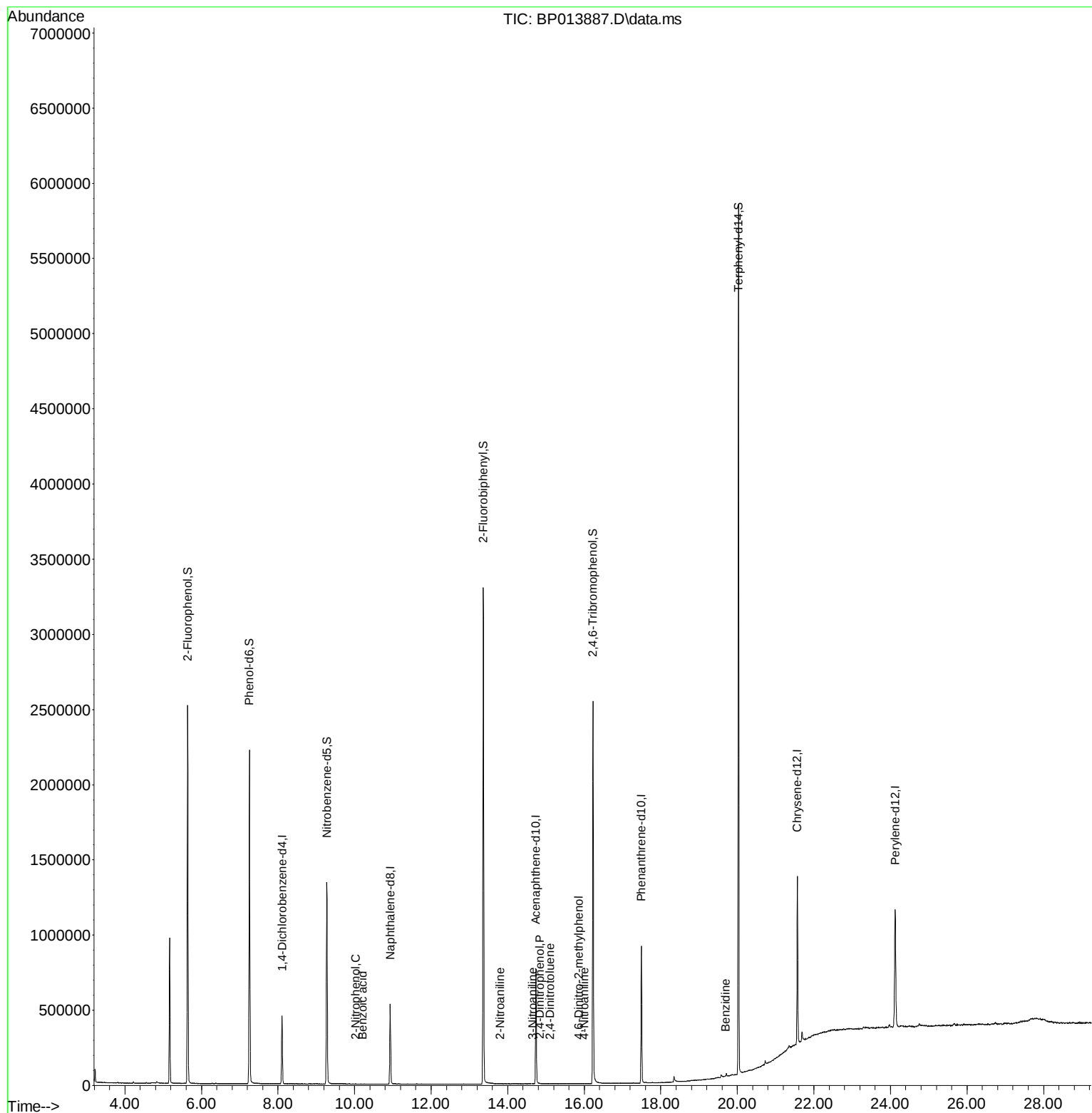
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	122768	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	441818	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	261043	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	558562	20.000	ng	0.00
76) Chrysene-d12	21.569	240	557202	20.000	ng	0.00
86) Perylene-d12	24.121	264	652828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1030754	138.374	ng	0.00
7) Phenol-d6	7.252	99	1262503	132.336	ng	0.00
23) Nitrobenzene-d5	9.275	82	789020	96.436	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	520582	136.998	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	1716963	86.391	ng	0.00
79) Terphenyl-d14	20.027	244	2725620	94.114	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.028	139	7	2.770	ng	# 1
32) Benzoic acid	10.204	122	20	5.079	ng	# 1
48) 2-Nitroaniline	13.810	65	35	3.237	ng	# 57
53) 3-Nitroaniline	14.651	138	7	2.009	ng	# 73
54) 2,4-Dinitrophenol	14.845	184	13	5.266	ng	# 46
57) 2,4-Dinitrotoluene	15.104	165	98	2.296	ng	# 57
62) 4-Nitroaniline	16.004	138	46	2.556	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.857	198	9	4.626	ng	# 1
77) Benzidine	19.692	184	2687	2.508	ng	# 90

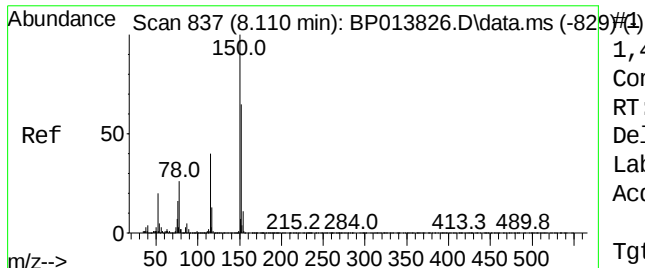
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
Data File : BP013887.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Feb 24 17:07:23 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 24 16:57:00 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.104 min Scan# 837

Delta R.T. 0.001 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

Instrument :

BNA_P

ClientSampleId :

PB151066BL

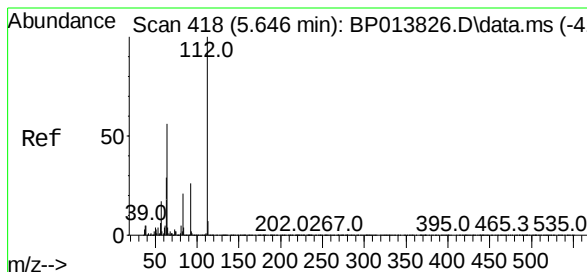
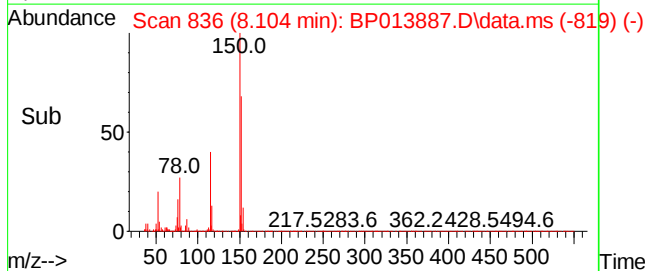
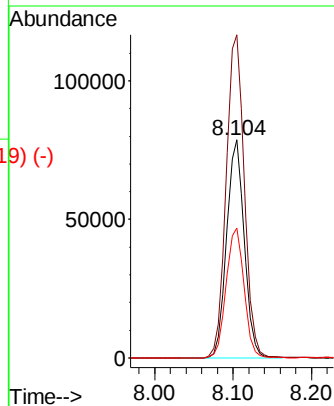
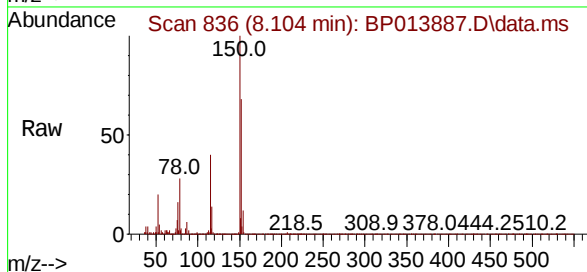
Tgt Ion:152 Resp: 122768

Ion Ratio Lower Upper

152 100

150 148.1 122.8 184.2

115 59.4 49.0 73.6



2-Fluorophenol

Concen: 138.374 ng

RT: 5.640 min Scan# 417

Delta R.T. 0.000 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

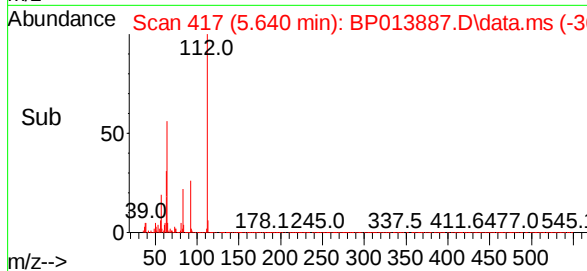
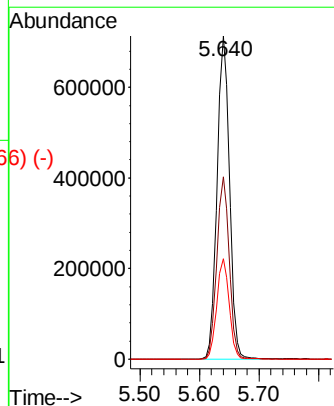
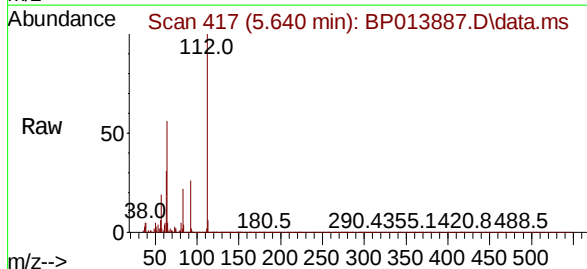
Tgt Ion:112 Resp: 1030754

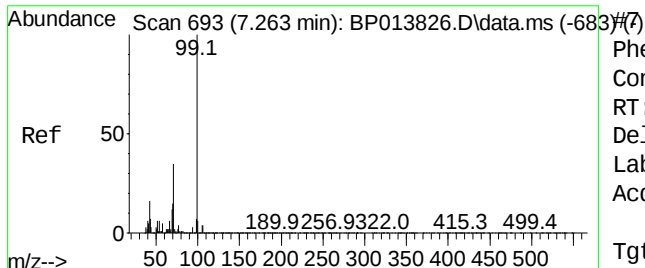
Ion Ratio Lower Upper

112 100

64 56.4 44.6 66.8

63 31.1 23.6 35.4



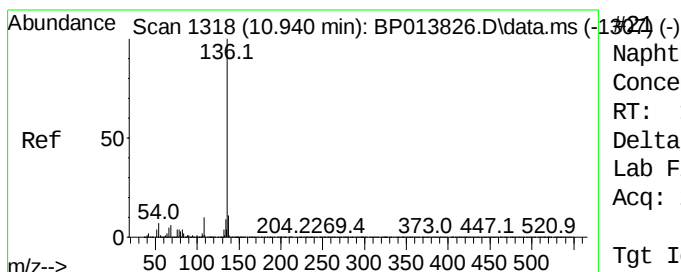
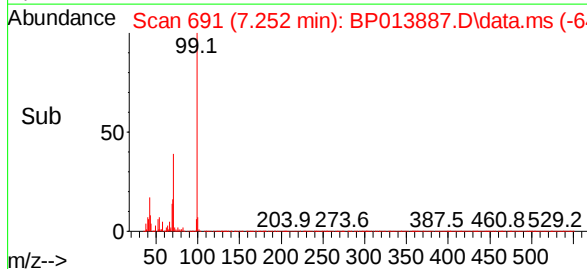
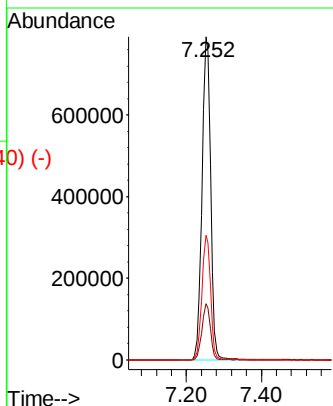
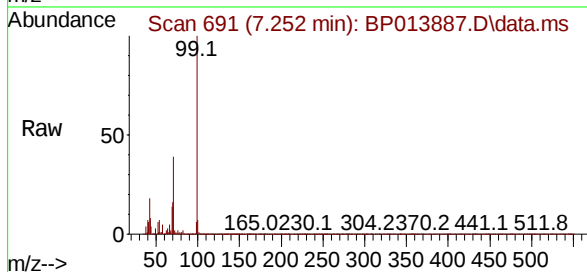


Phenol-d6
 Concen: 132.336 ng
 RT: 7.252 min Scan# 1321
 Delta R.T. 0.000 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

Tgt Ion: 99 Resp: 1262503

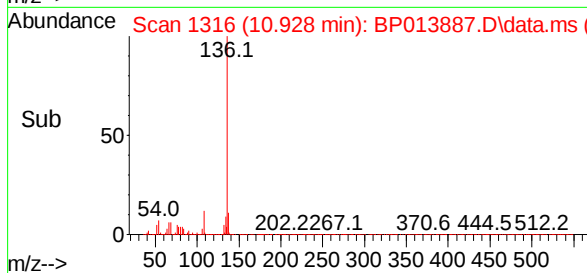
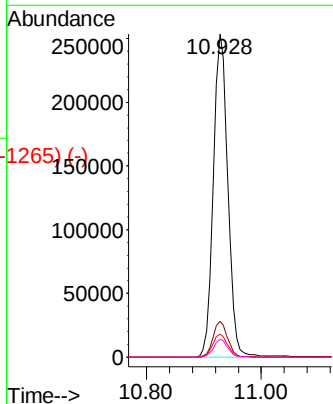
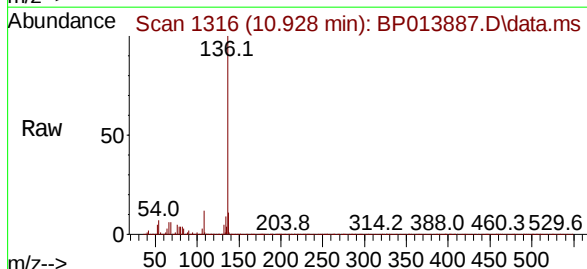
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.5	18.7
71	38.7	27.8	41.8



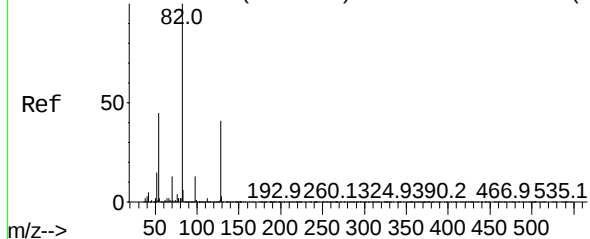
Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.928 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Tgt Ion: 136 Resp: 441818

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	5.8	8.6
68	5.6	4.6	6.8



Abundance Scan 1037 (9.287 min): BP013826.D\data.ms (-1023)



Nitrobenzene-d5

Concen: 96.436 ng

RT: 9.275 min Scan#

Delta R.T. -0.006 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

Instrument :

BNA_P

ClientSampleId :

PB151066BL

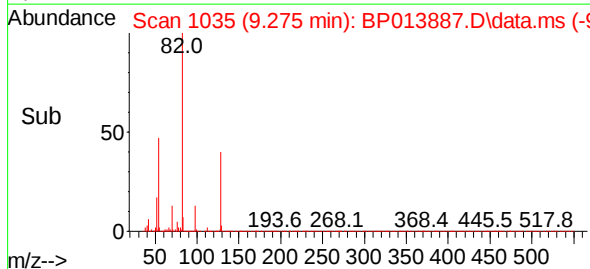
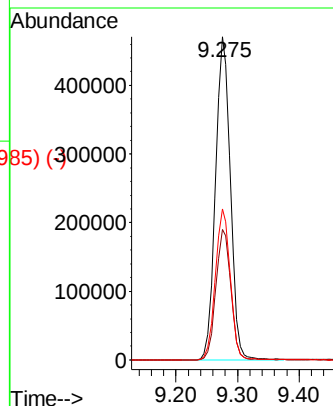
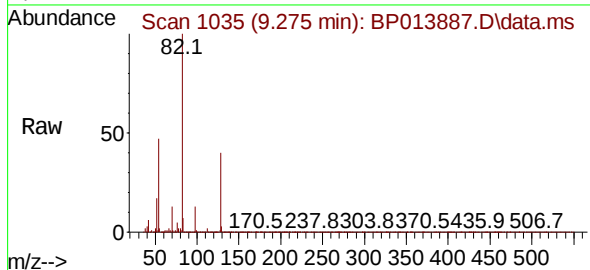
Tgt Ion: 82 Resp: 789020

Ion Ratio Lower Upper

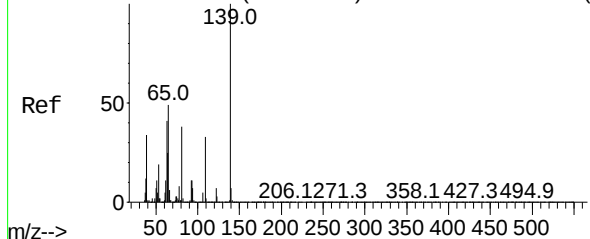
82 100

128 40.5 32.9 49.3

54 46.8 35.6 53.4



Abundance Scan 1166 (10.046 min): BP013826.D\data.ms (-1126)



2-Nitrophenol

Concen: 2.770 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

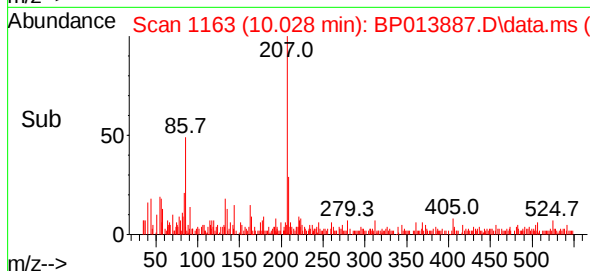
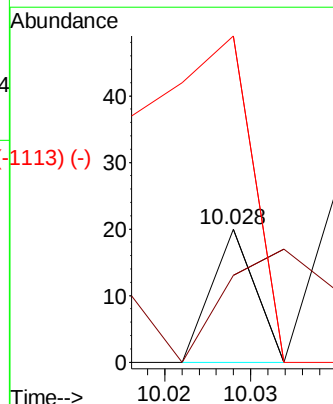
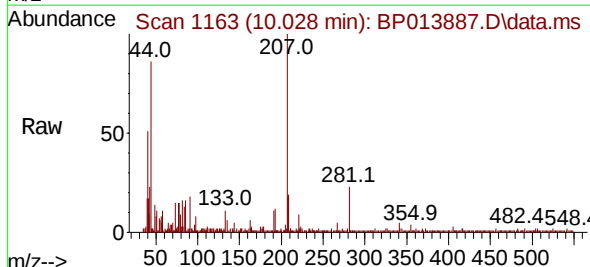
Tgt Ion:139 Resp: 7

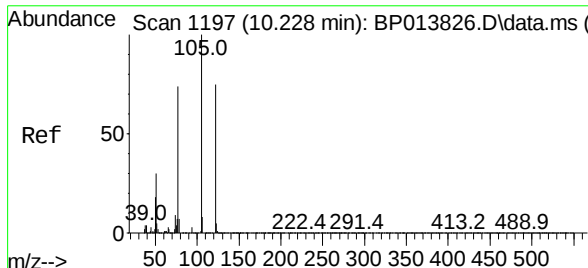
Ion Ratio Lower Upper

139 100

109 170.0 26.7 40.1#

65 245.0 39.4 59.2#

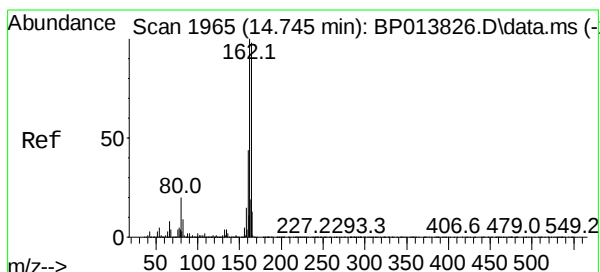
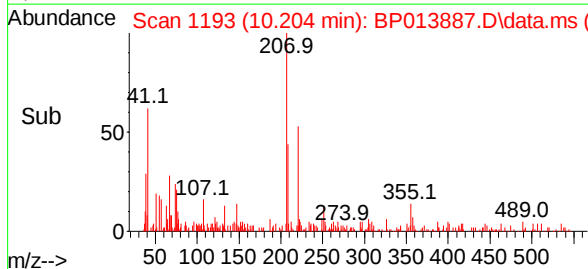
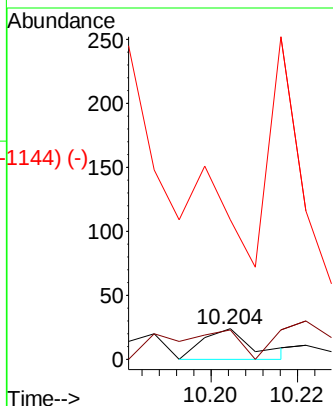
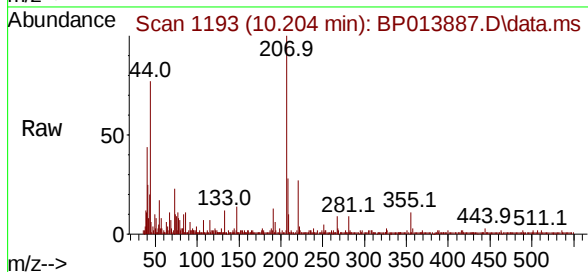




Benzoic acid
 Concen: 5.079 ng
 RT: 10.204 min Scan# 1193
 Delta R.T. -0.012 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

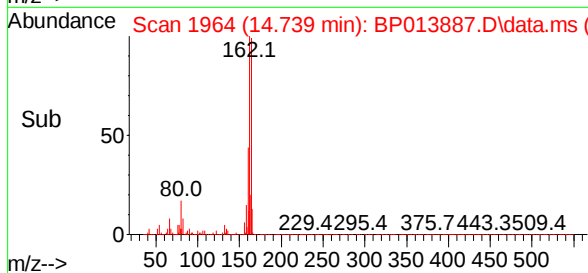
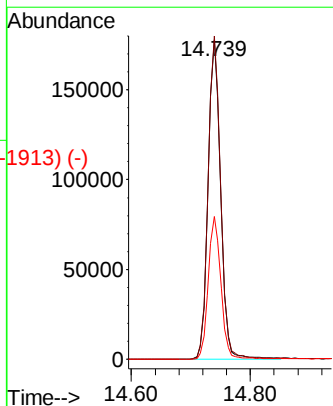
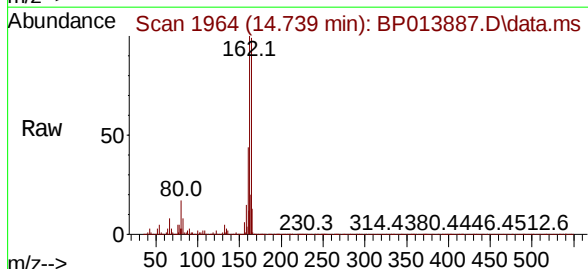
Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

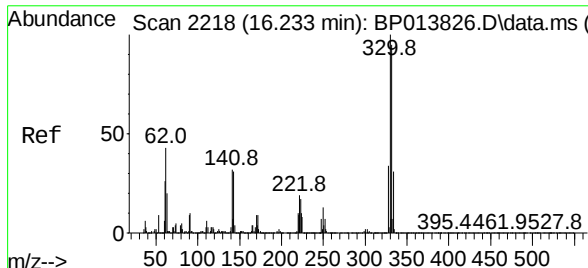
Tgt Ion:	122	Resp:	20
Ion	Ratio	Lower	Upper
122	100		
105	95.8	107.4	147.4#
77	454.2	76.0	116.0#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.739 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Tgt Ion:	164	Resp:	261043
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	44.7	36.1	54.1

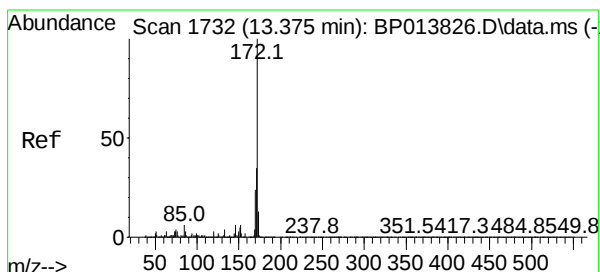
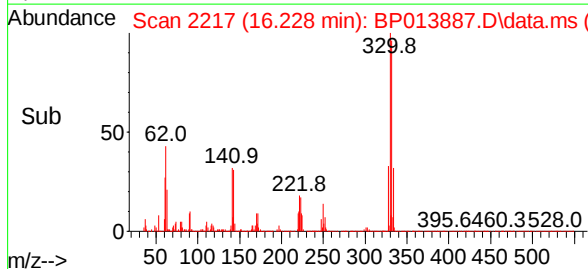
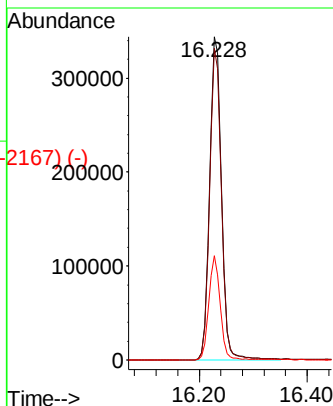
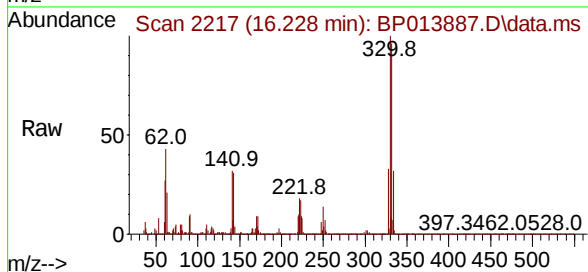




Scan 2218 (16.233 min): BP013826.D\data.ms (-2167) (-)
 2,4,6-Tribromophenol
 Concen: 136.998 ng
 RT: 16.228 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

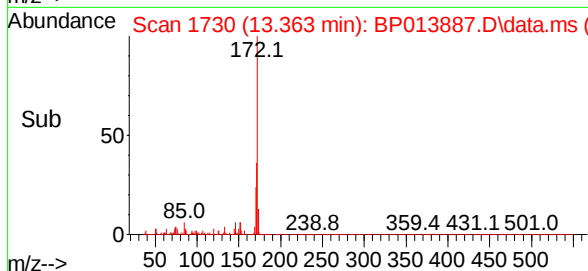
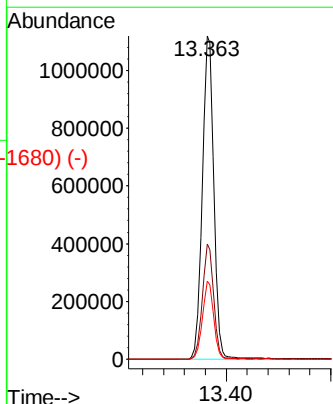
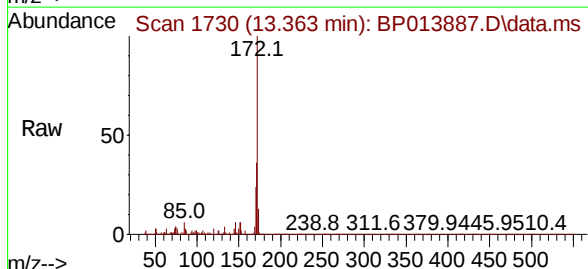
Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

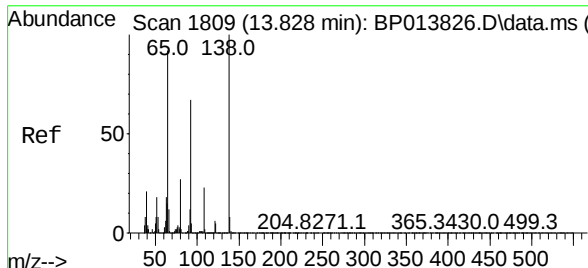
Tgt Ion:	330	Resp:	520582
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	30.9	25.1	37.7



Scan 1732 (13.375 min): BP013826.D\data.ms (-1745) (-)
 2-Fluorobiphenyl
 Concen: 86.391 ng
 RT: 13.363 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Tgt Ion:	172	Resp:	1716963
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.1	19.0	28.4

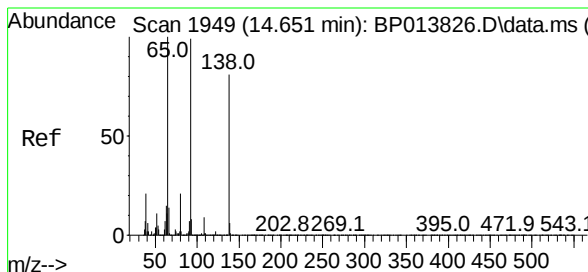
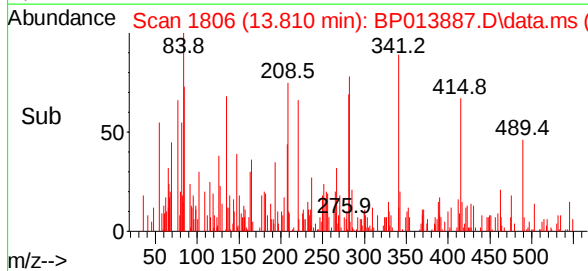
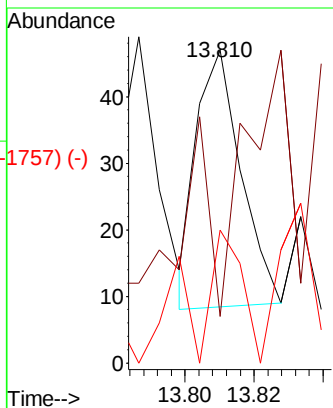
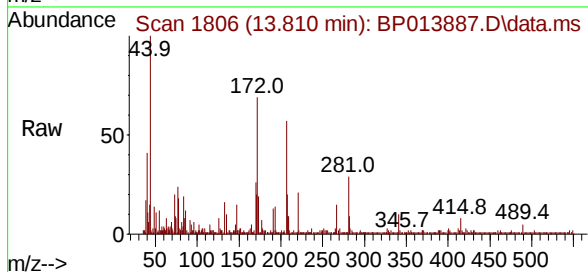




Scan 1809 (13.828 min): BP013826.D\data.ms (-1809) (-)
 2-Nitroaniline
 Concen: 3.237 ng
 RT: 13.810 min Scan# 1809
 Delta R.T. -0.012 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

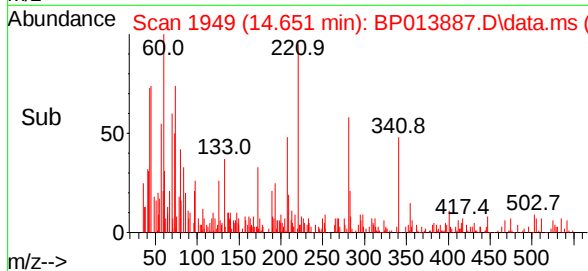
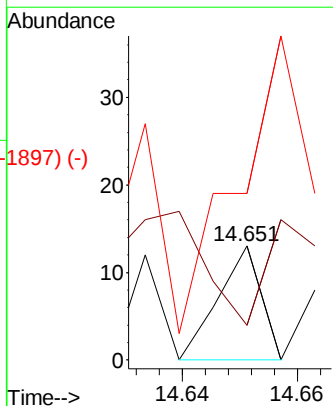
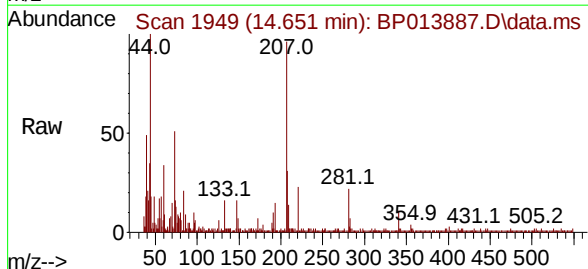
Instrument :
 BNA_P
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 PB151066BL

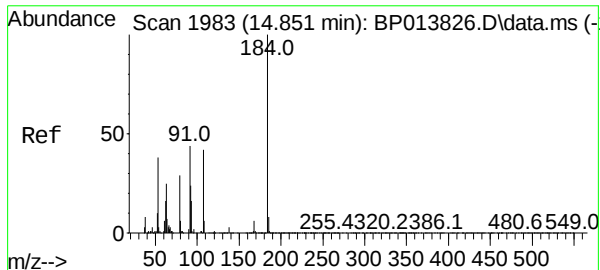
Tgt Ion:	65	Resp:	35
Ion	Ratio	Lower	Upper
65	100		
92	14.9	58.7	88.1#
138	83.0	87.3	130.9#



Scan 1949 (14.651 min): BP013826.D\data.ms (-1949) (-)
 3-Nitroaniline
 Concen: 2.009 ng
 RT: 14.651 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Tgt Ion:	138	Resp:	7
Ion	Ratio	Lower	Upper
138	100		
108	66.7	9.0	13.4#
92	103.7	97.1	145.7





2,4-Dinitrophenol

Concen: 5.266 ng

RT: 14.845 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

Instrument :

BNA_P

ClientSampleId :

PB151066BL

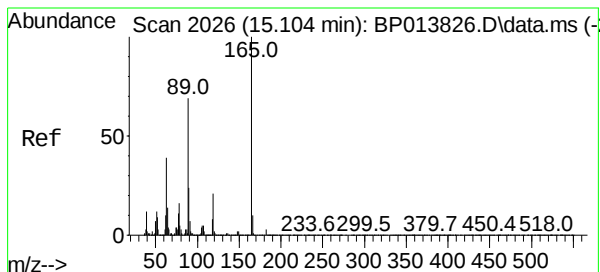
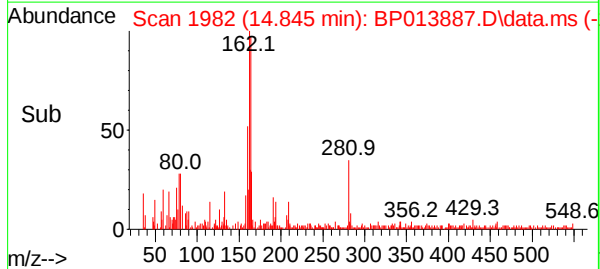
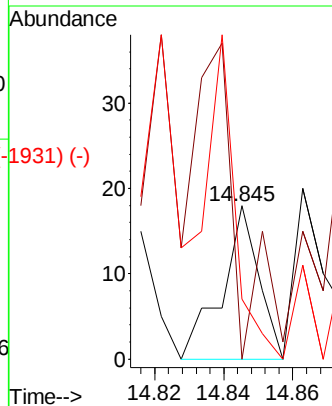
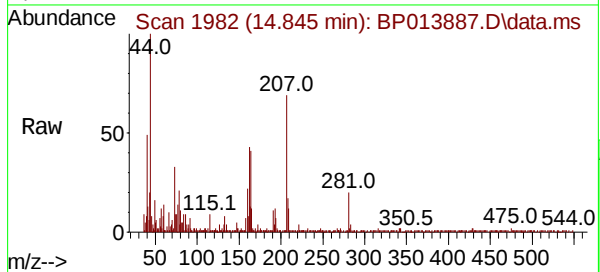
Tgt Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 0.0 47.0 70.4#

154 38.9 51.5 77.3#



2,4-Dinitrotoluene

Concen: 2.296 ng

RT: 15.104 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

Tgt Ion:165 Resp: 98

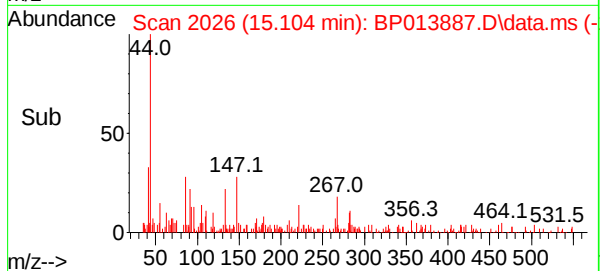
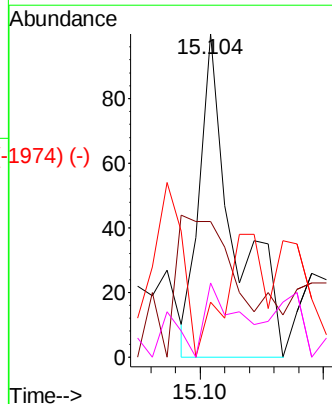
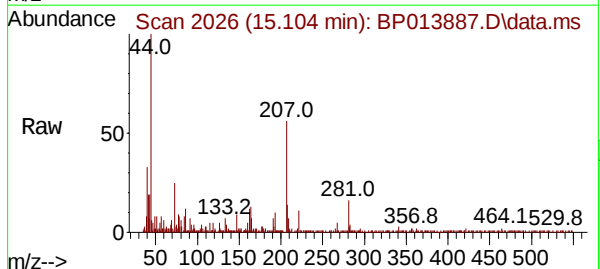
Ion Ratio Lower Upper

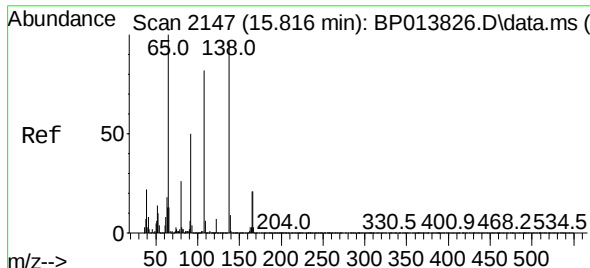
165 100

63 42.0 31.1 46.7

89 17.0 54.9 82.3#

182 23.0 2.5 3.7#

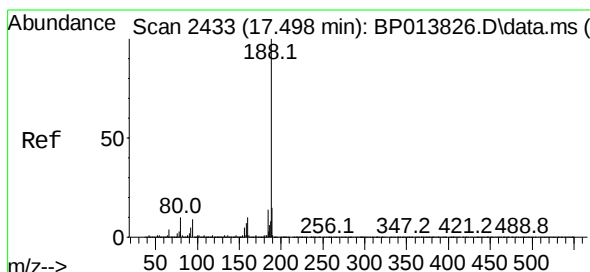
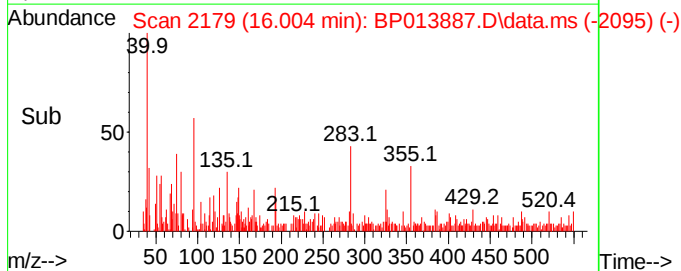
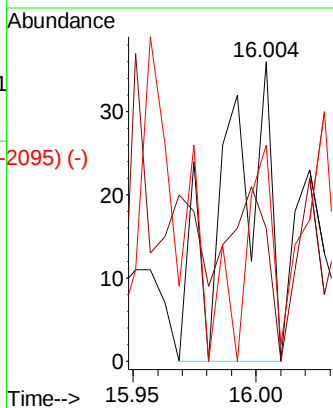
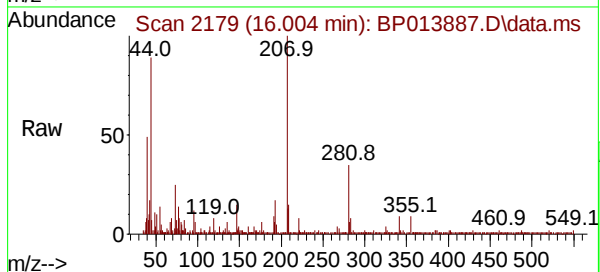




4-Nitroaniline
Concen: 2.556 ng
RT: 16.004 min Scan# 2147
Delta R.T. 0.194 min
Lab File: BP013887.D
Acq: 24 Feb 2023 16:11

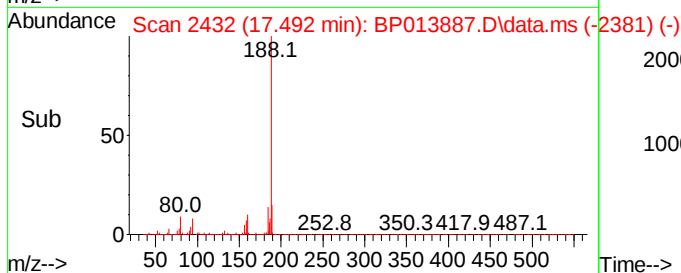
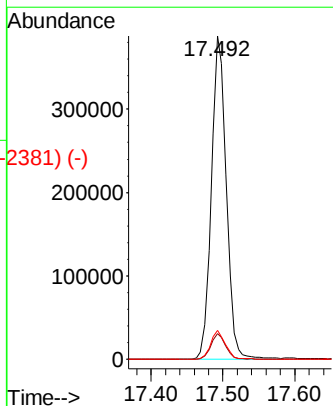
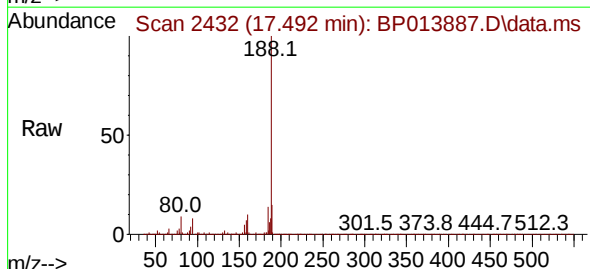
Instrument :
BNA_P
ClientSampleId :
PB151066BL

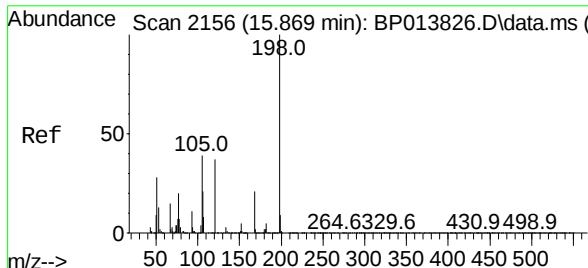
Tgt Ion:	138	Resp:	46
Ion	Ratio	Lower	Upper
138	100		
92	44.4	32.0	72.0
108	72.2	65.6	105.6



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP013887.D
Acq: 24 Feb 2023 16:11

Tgt Ion:	188	Resp:	558562
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.9	7.8	11.8

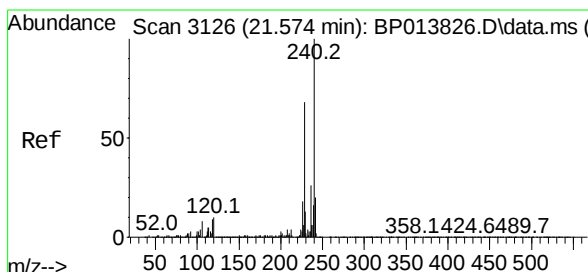
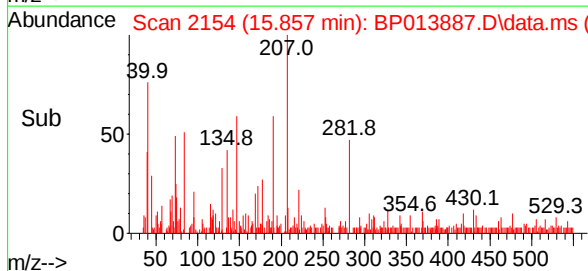
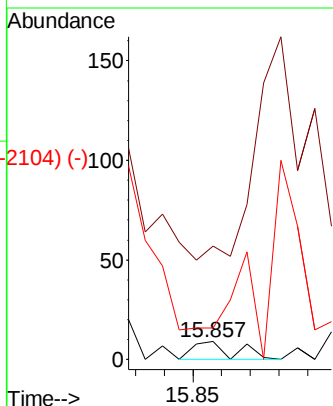
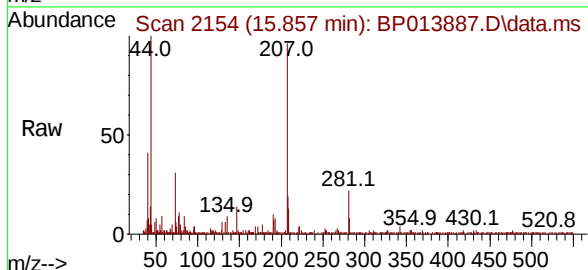




4,6-Dinitro-2-methylphenol
 Concen: 4.626 ng
 RT: 15.857 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

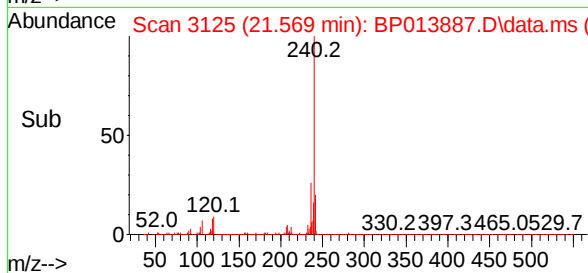
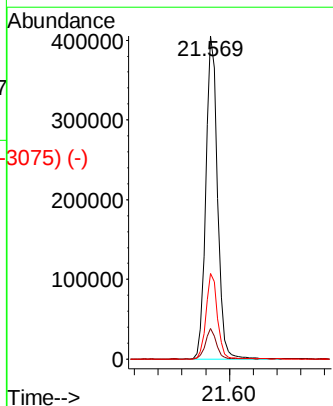
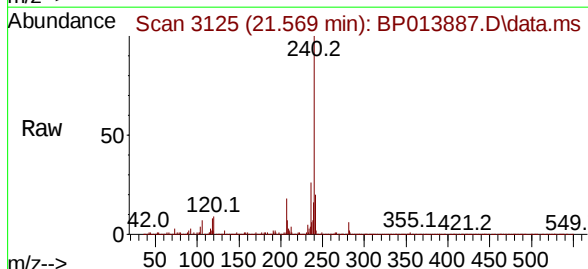
Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

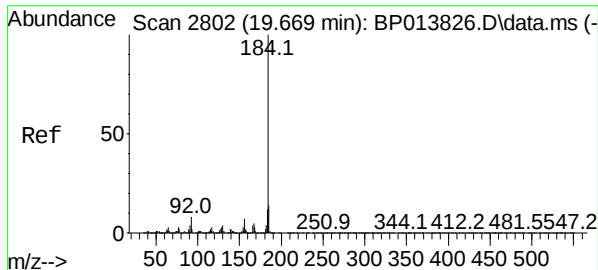
Tgt Ion:	198	Resp:	9
Ion	Ratio	Lower	Upper
198	100		
51	633.3	14.3	54.3#
105	177.8	20.5	60.5#



Chrysene-d12
 Concen: 20.000 ng
 RT: 21.569 min Scan# 3125
 Delta R.T. -0.006 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Tgt Ion:	240	Resp:	557202
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.9	11.9
236	26.5	20.9	31.3





Benzidine

Concen: 2.508 ng

RT: 19.692 min Scan# 1

Delta R.T. 0.029 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

Instrument :

BNA_P

ClientSampleId :

PB151066BL

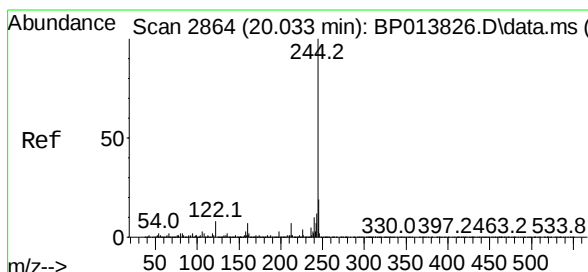
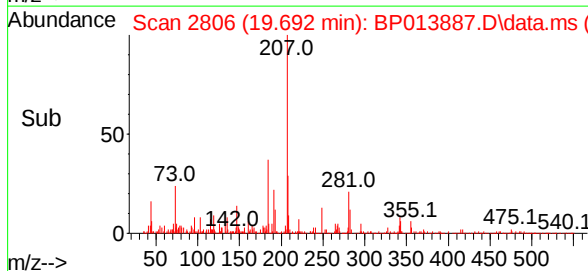
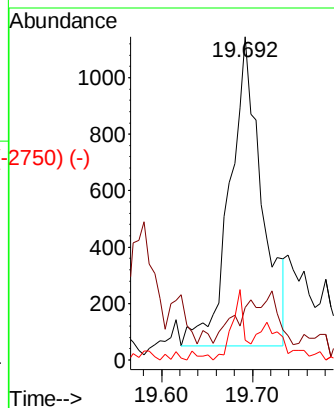
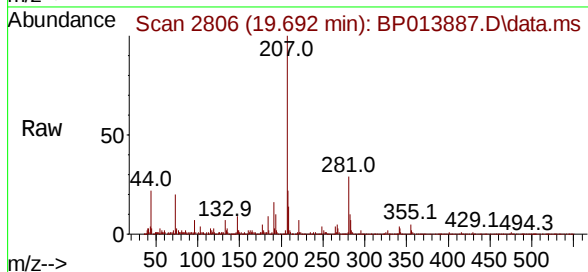
Tgt Ion:184 Resp: 2687

Ion Ratio Lower Upper

184 100

185 16.3 11.4 17.0

183 6.2 9.6 14.4#



Terphenyl-d14

Concen: 94.114 ng

RT: 20.027 min Scan# 2863

Delta R.T. 0.000 min

Lab File: BP013887.D

Acq: 24 Feb 2023 16:11

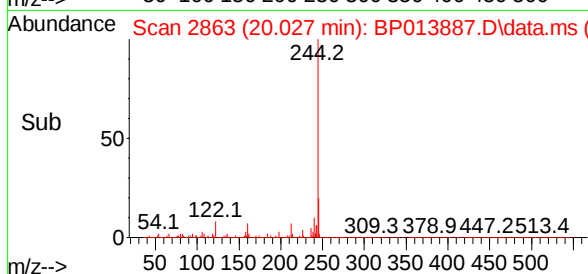
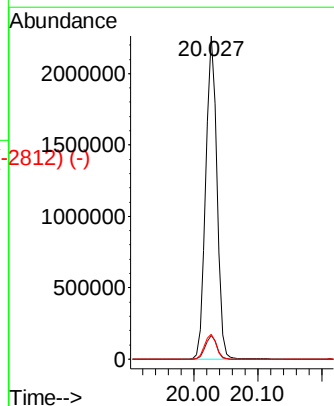
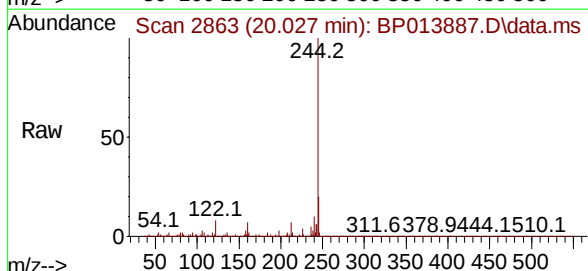
Tgt Ion:244 Resp: 2725620

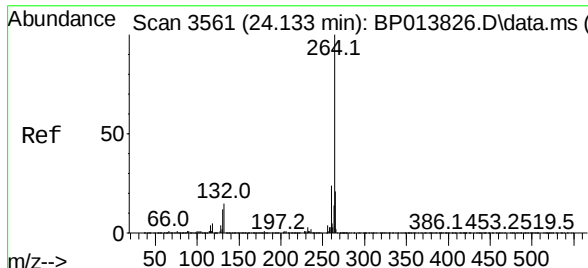
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 7.7 6.7 10.1





Perylene-d12
 Concen: 20.000 ng
 RT: 24.121 min Scan# 3548
 Delta R.T. 0.000 min
 Lab File: BP013887.D
 Acq: 24 Feb 2023 16:11

Instrument :
 BNA_P
 ClientSampleId :
 PB151066BL

Tgt Ion:	264	Resp:	652828
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.4	17.6	26.4

