

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013923.D
 Acq On : 02 Mar 2023 15:40
 Operator : CG/JU
 Sample : PB1511113TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

Quant Time: Mar 02 16:18:33 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)

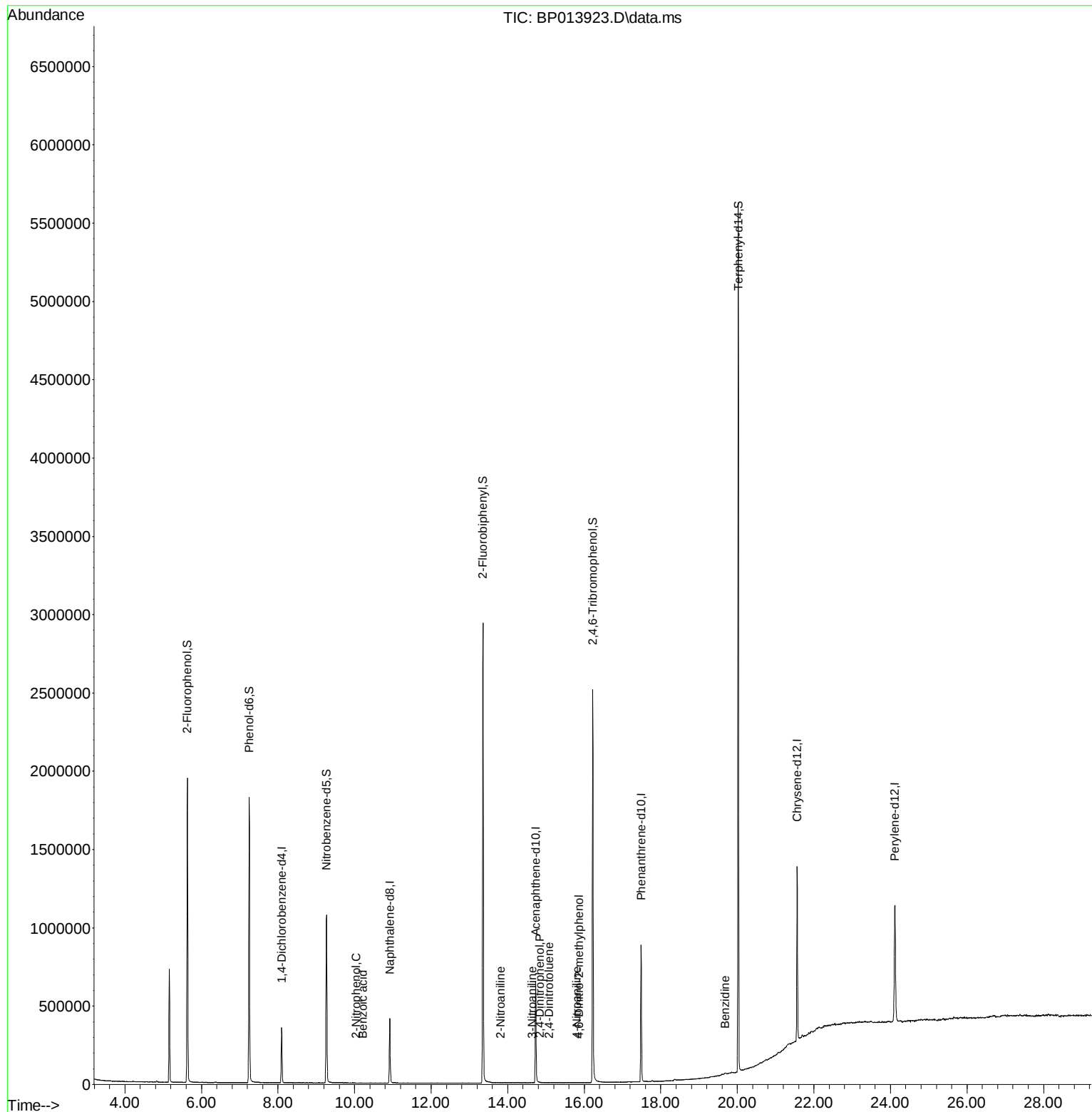
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	89972	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	347934	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	230376	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	544421	20.000	ng	0.00
76) Chrysene-d12	21.563	240	551506	20.000	ng	0.00
86) Perylene-d12	24.115	264	644737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	787107	144.182	ng	0.00
7) Phenol-d6	7.246	99	1016284	145.357	ng	0.00
23) Nitrobenzene-d5	9.269	82	643017	99.797	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	484404	144.447	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1493892	85.173	ng	0.00
79) Terphenyl-d14	20.021	244	2611130	91.092	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.040	139	22	2.775	ng	# 90
32) Benzoic acid	10.222	122	9	5.077	ng	# 1
48) 2-Nitroaniline	13.816	65	103	3.254	ng	# 29
53) 3-Nitroaniline	14.645	138	21	2.013	ng	# 68
54) 2,4-Dinitrophenol	14.845	184	9	5.265	ng	# 35
57) 2,4-Dinitrotoluene	15.081	165	101	2.298	ng	# 78
62) 4-Nitroaniline	15.810	138	13	2.550	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.869	198	9	4.626	ng	# 1
77) Benzidine	19.680	184	7128	2.885	ng	# 91

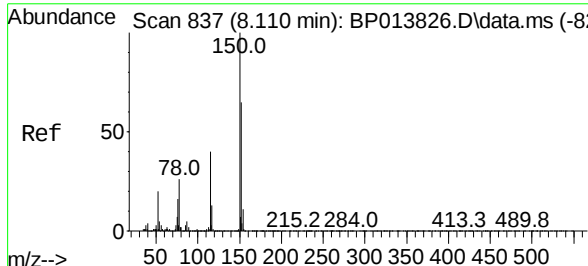
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013923.D
Acq On : 02 Mar 2023 15:40
Operator : CG/JU
Sample : PB1511113TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB1511113TB

Quant Time: Mar 02 16:18:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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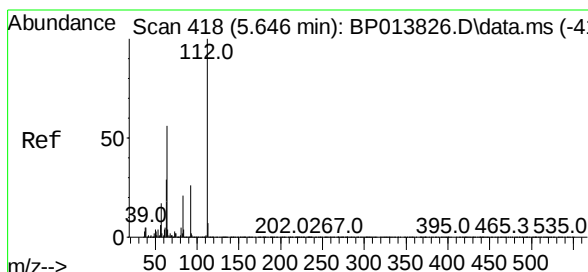
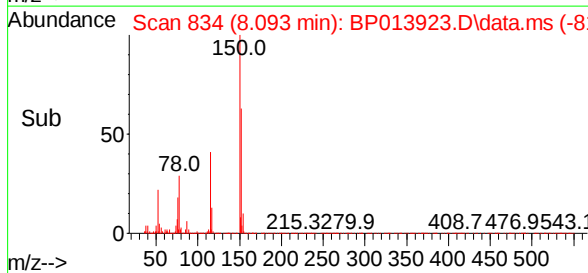
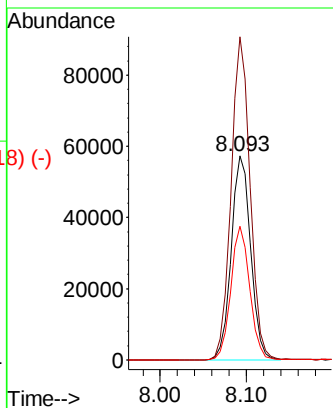
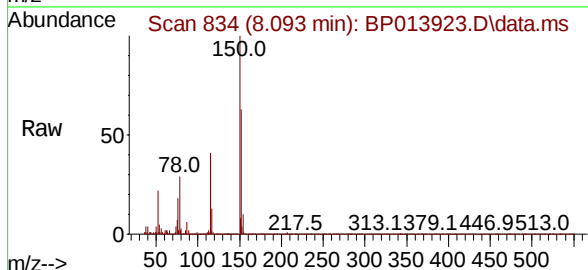




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.093 min Scan# 818
 Delta R.T. -0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

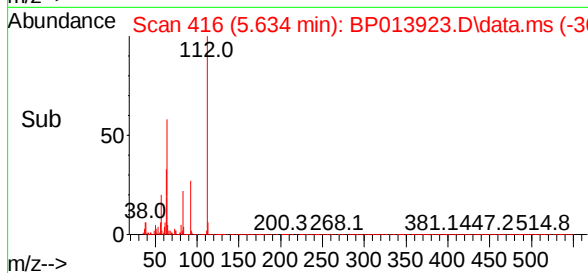
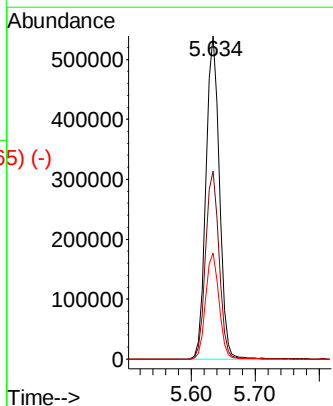
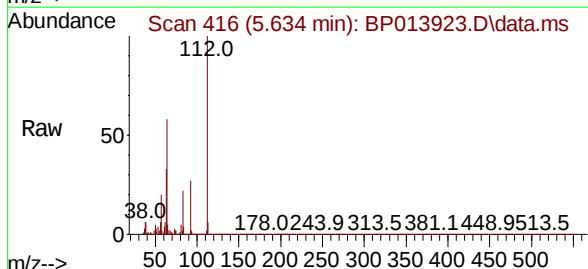
Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

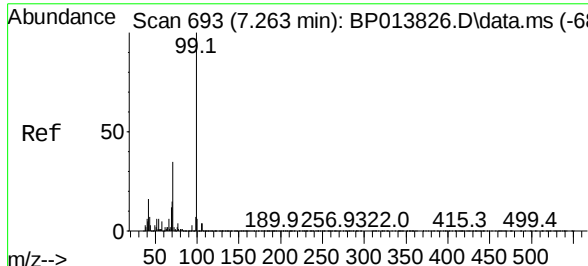
Tgt Ion:	152	Resp:	89972
Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.8	184.2
115	65.6	49.0	73.6



2-Fluorophenol
 Concen: 144.182 ng
 RT: 5.634 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion:	112	Resp:	787107
Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.6	66.8
63	32.8	23.6	35.4



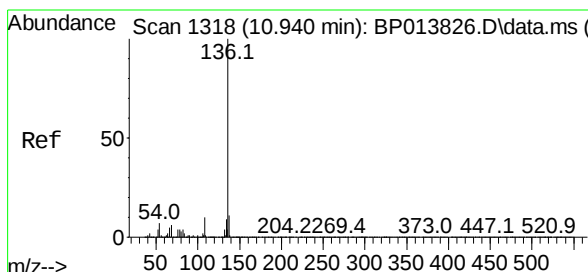
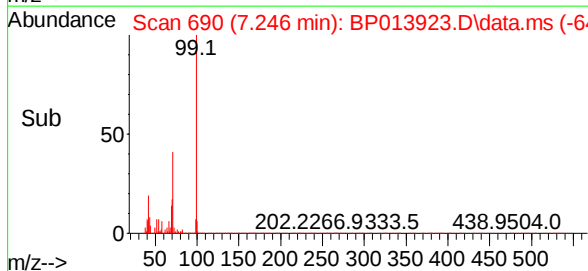
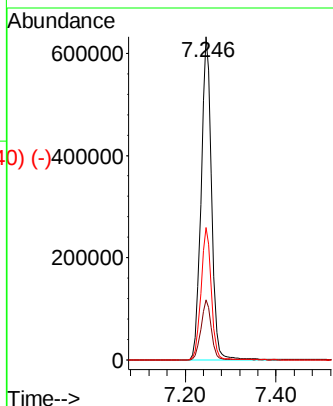
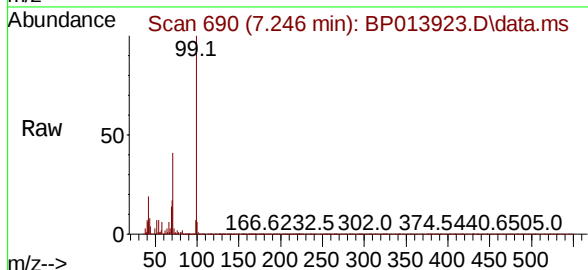


Phenol-d6
 Concen: 145.357 ng
 RT: 7.246 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

Tgt Ion: 99 Resp: 1016284

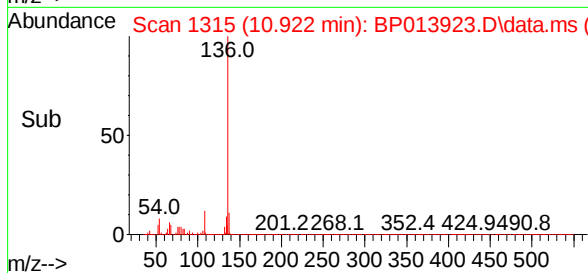
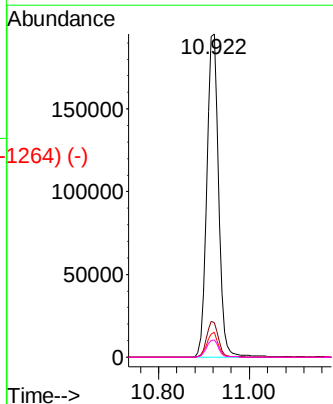
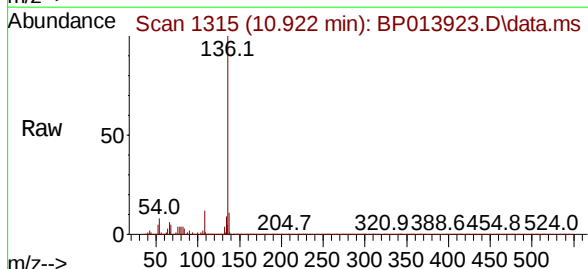
Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.5	18.7
71	41.0	27.8	41.8



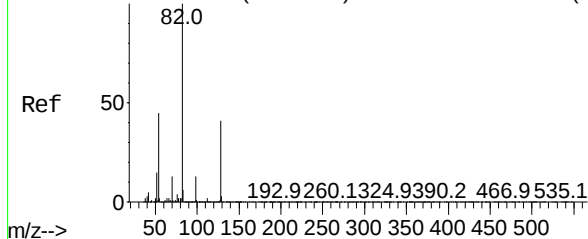
Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.922 min Scan# 1315
 Delta R.T. -0.000 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion: 136 Resp: 347934

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.6	5.8	8.6
68	5.3	4.6	6.8



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



Nitrobenzene-d5

Concen: 99.797 ng

RT: 9.269 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BP013923.D

Acq: 02 Mar 2023 15:40

Instrument :

BNP

ClientSampleId :

PB151111TB

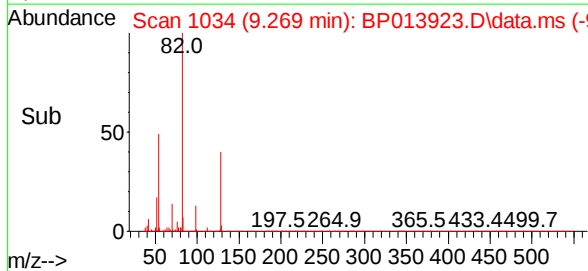
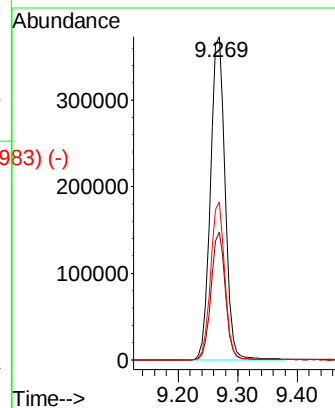
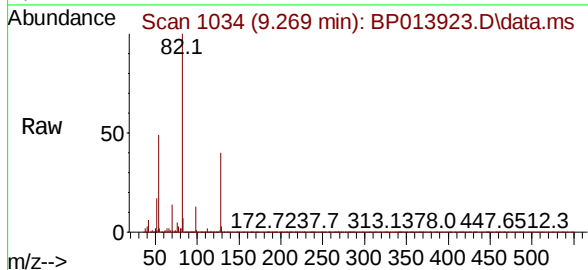
Tgt Ion: 82 Resp: 643017

Ion Ratio Lower Upper

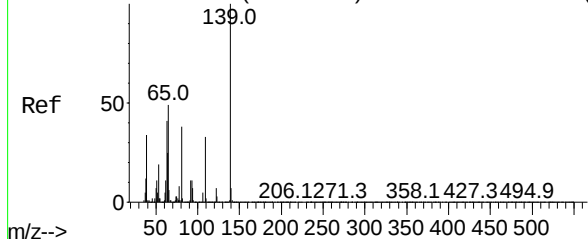
82 100

128 39.5 32.9 49.3

54 48.9 35.6 53.4



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



2-Nitrophenol

Concen: 2.775 ng

RT: 10.040 min Scan# 1165

Delta R.T. 0.012 min

Lab File: BP013923.D

Acq: 02 Mar 2023 15:40

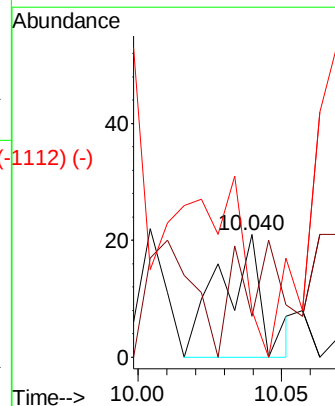
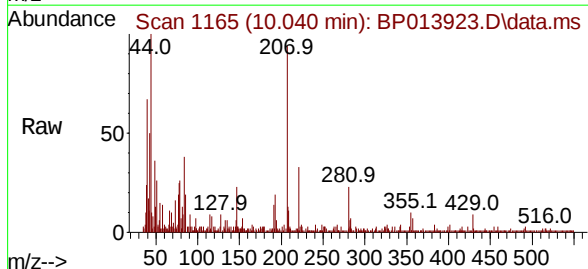
Tgt Ion:139 Resp: 22

Ion Ratio Lower Upper

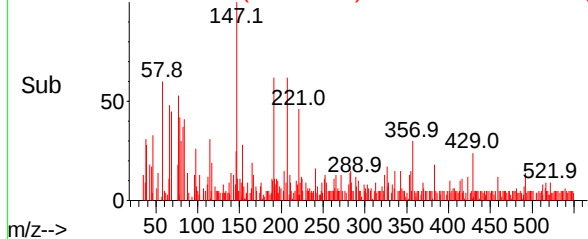
139 100

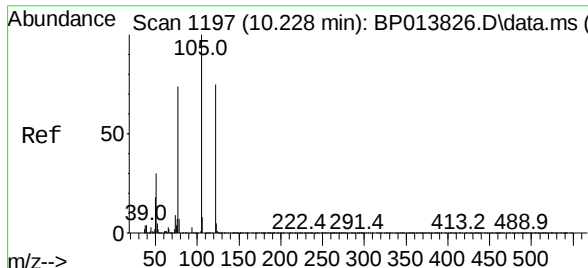
109 33.3 26.7 40.1

65 38.1 39.4 59.2#



Abundance Scan 1165 (10.040 min): BP013923.D\data.ms (-1112) (-)

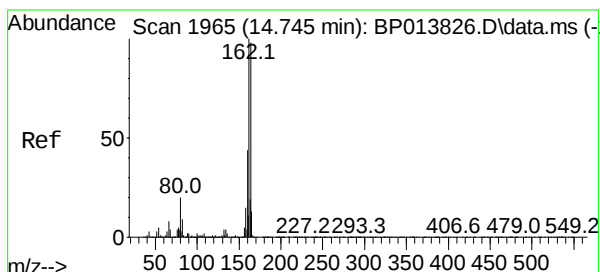
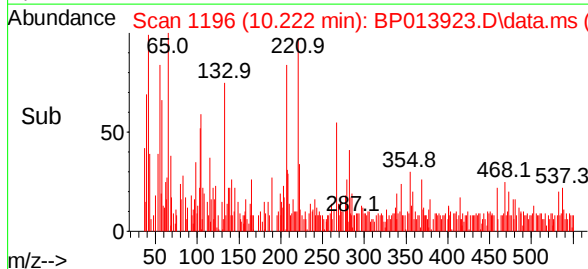
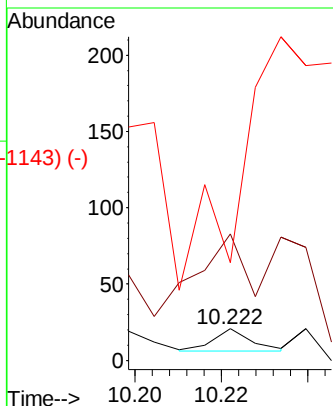
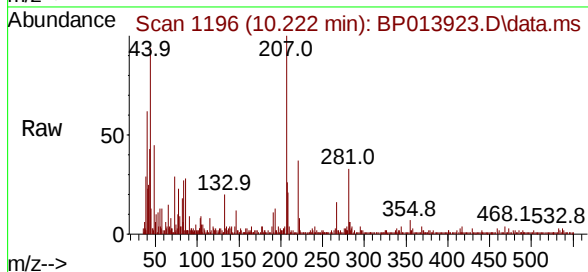




Benzoic acid
 Concen: 5.077 ng
 RT: 10.222 min Scan# 1197
 Delta R.T. 0.012 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

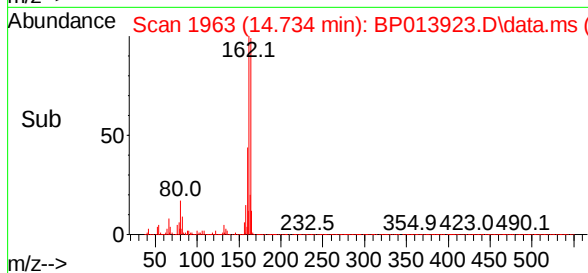
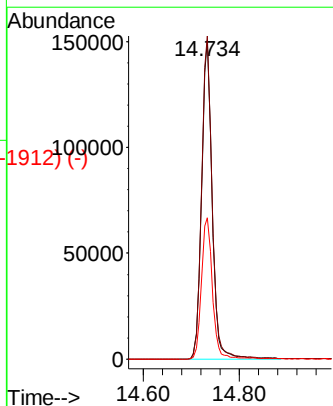
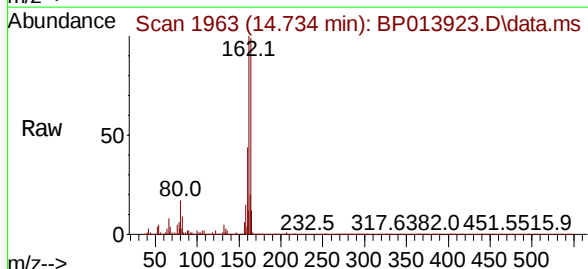
Instrument :
 BNA_P
 Client Sample Id :
 PB151111TB

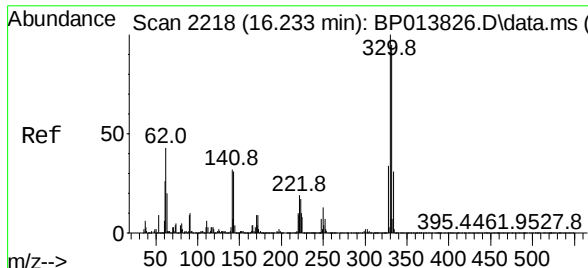
Tgt Ion:	122	Resp:	9
Ion	Ratio	Lower	Upper
122	100		
105	395.2	107.4	147.4#
77	304.8	76.0	116.0#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.734 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion:	164	Resp:	230376
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	44.4	36.1	54.1

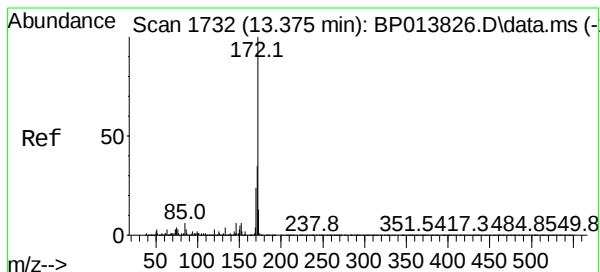
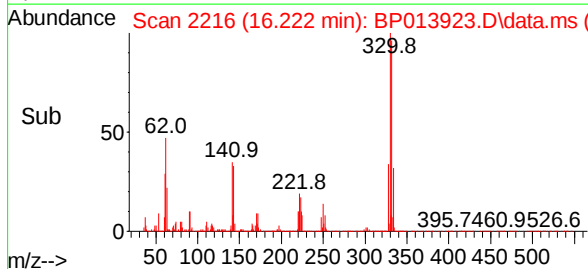
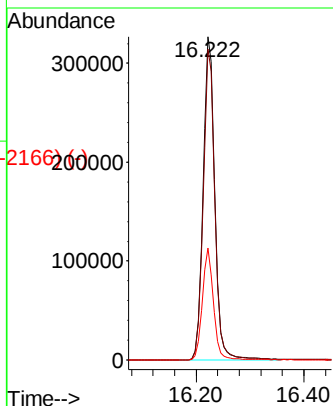
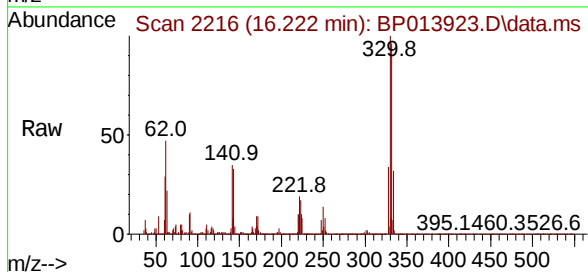




2,4,6-Tribromophenol
 Concen: 144.447 ng
 RT: 16.222 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

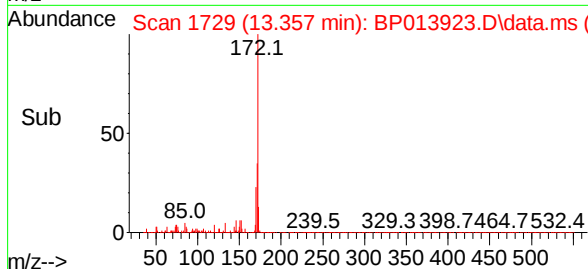
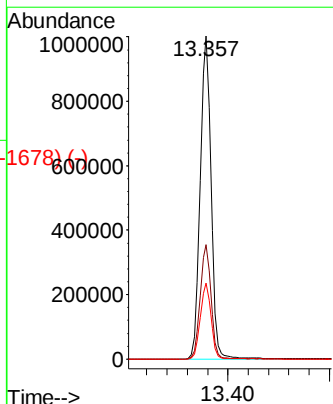
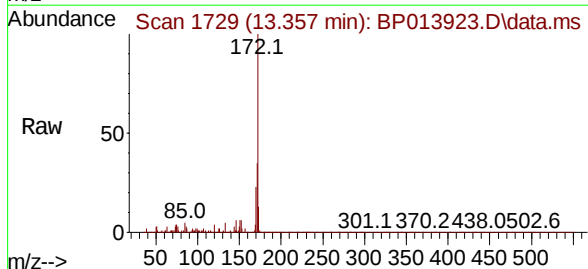
Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

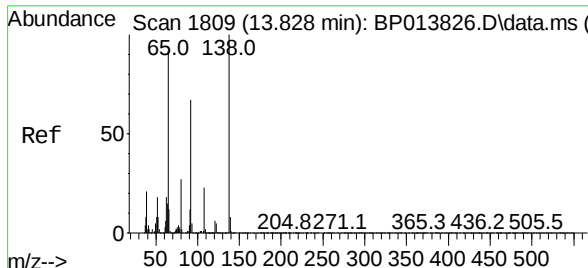
Tgt Ion:	330	Resp:	484404
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	33.1	25.1	37.7



2-Fluorobiphenyl
 Concen: 85.173 ng
 RT: 13.357 min Scan# 1729
 Delta R.T. -0.000 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion:	172	Resp:	1493892
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.5	19.0	28.4

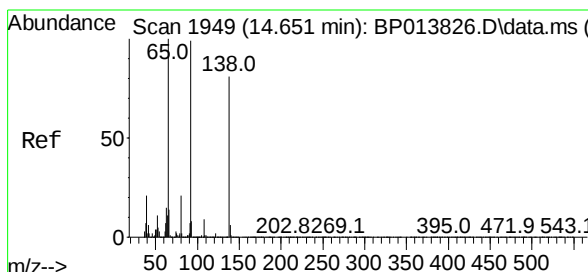
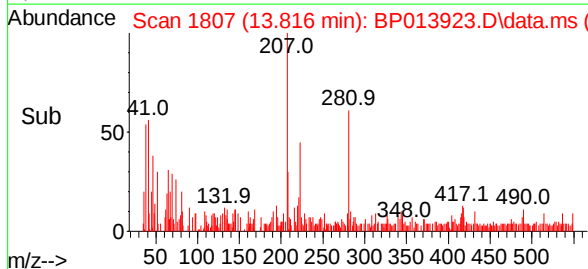
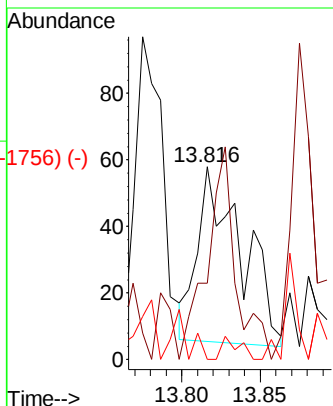
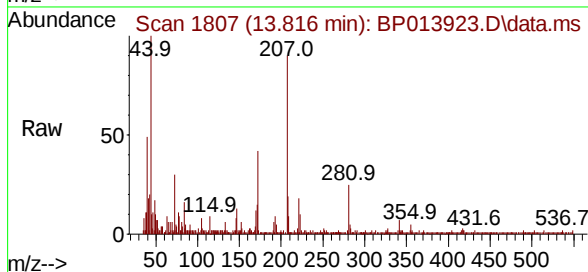




2-Nitroaniline
 Concen: 3.254 ng
 RT: 13.816 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

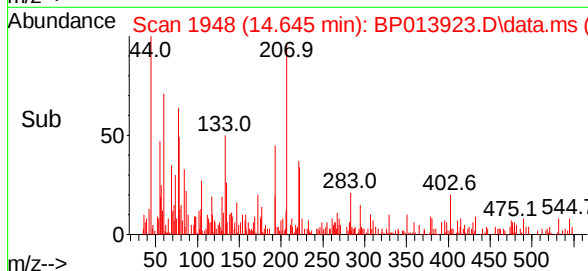
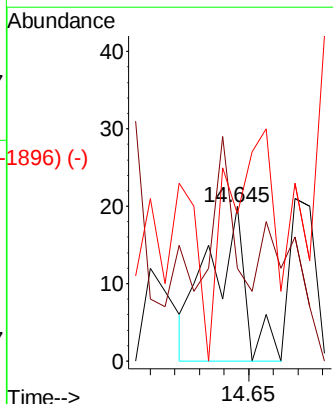
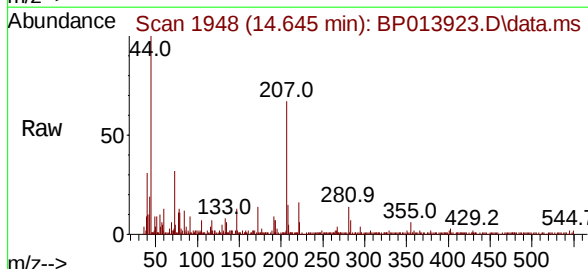
Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

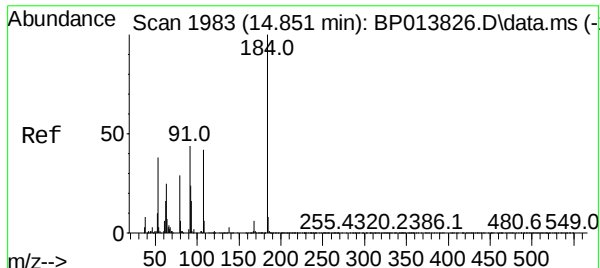
Tgt Ion:	65	Resp:	103
Ion	Ratio	Lower	Upper
65	100		
92	39.7	58.7	88.1#
138	12.1	87.3	130.9#



3-Nitroaniline
 Concen: 2.013 ng
 RT: 14.645 min Scan# 1948
 Delta R.T. 0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion:	138	Resp:	21
Ion	Ratio	Lower	Upper
138	100		
108	60.0	9.0	13.4#
92	95.0	97.1	145.7#

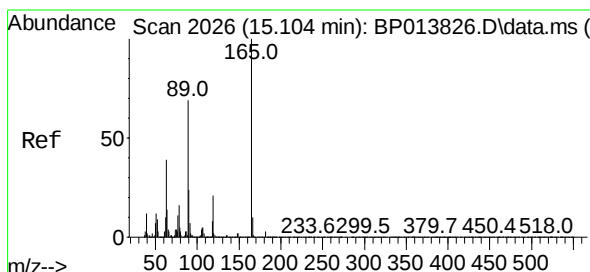
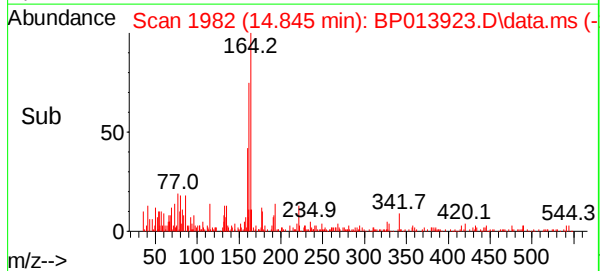
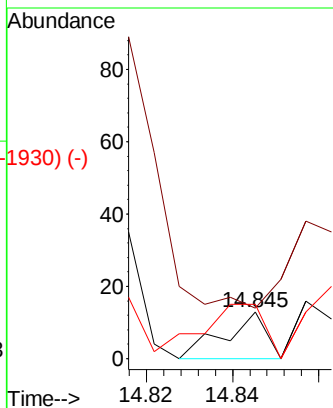
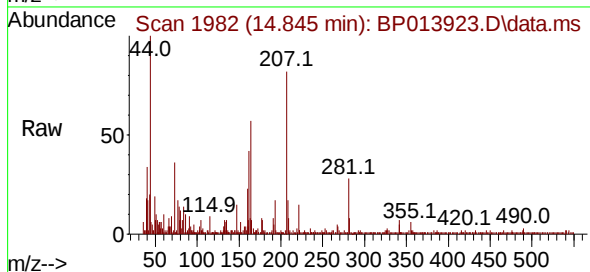




Scan 1983 (14.851 min): BP013826.D\data.ms (-1975) (-)
 2,4-Dinitrophenol
 Concen: 5.265 ng
 RT: 14.845 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

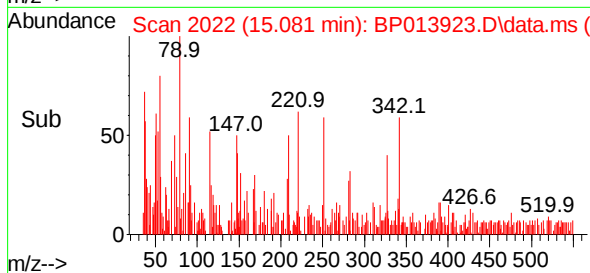
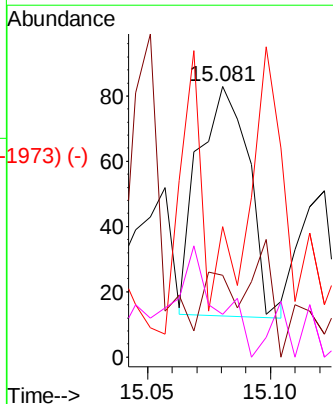
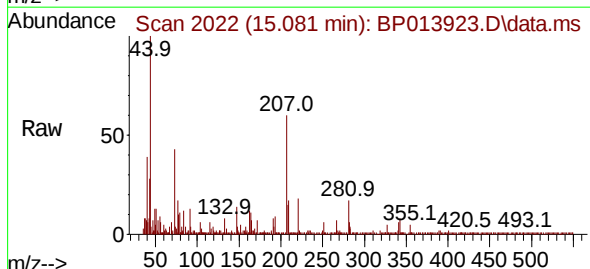
Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

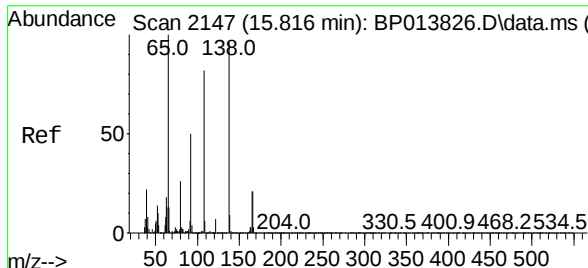
Tgt Ion:	184	Resp:	9
Ion	Ratio	Lower	Upper
184	100		
63	107.7	47.0	70.4#
154	115.4	51.5	77.3#



Scan 2026 (15.104 min): BP013826.D\data.ms (-2055) (-)
 2,4-Dinitrotoluene
 Concen: 2.298 ng
 RT: 15.081 min Scan# 2022
 Delta R.T. -0.012 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Tgt Ion:	165	Resp:	101
Ion	Ratio	Lower	Upper
165	100		
63	30.1	31.1	46.7#
89	48.2	54.9	82.3#
182	15.7	2.5	3.7#

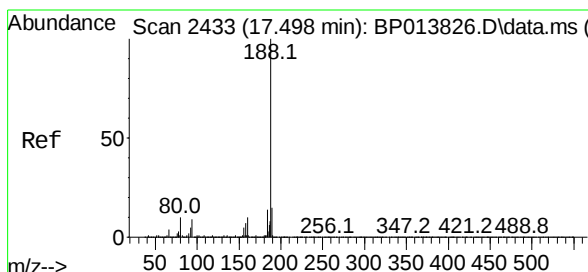
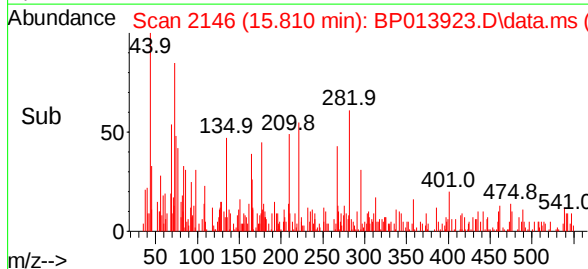
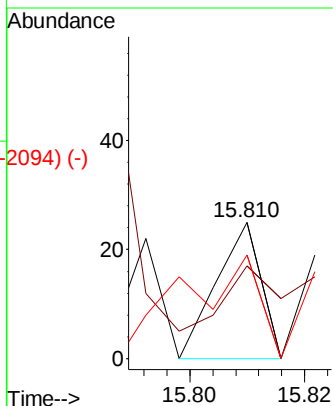
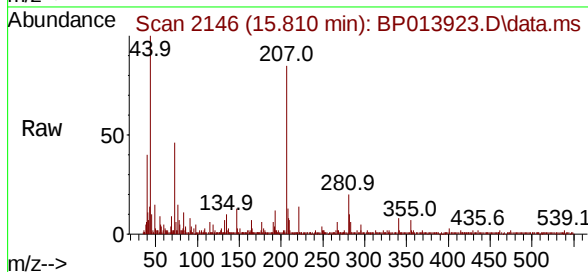




4-Nitroaniline
Concen: 2.550 ng
RT: 15.810 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP013923.D
Acq: 02 Mar 2023 15:40

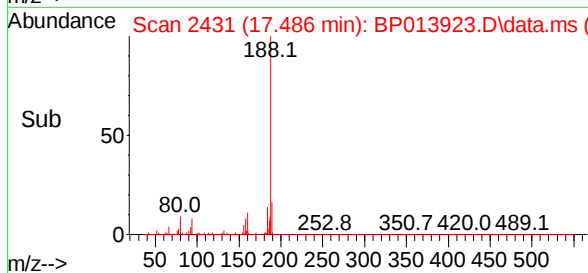
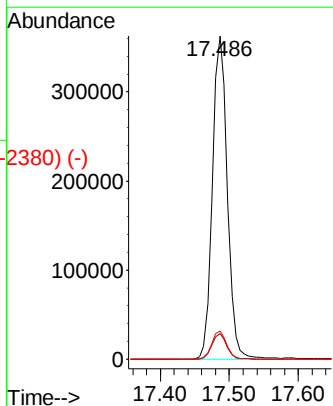
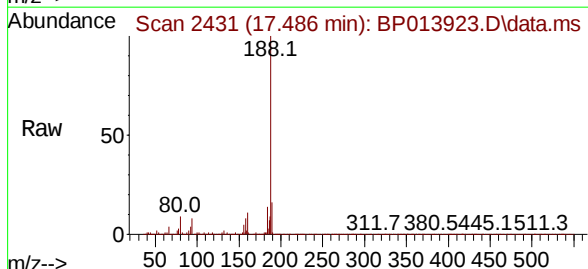
Instrument :
BNA_P
ClientSampleId :
PB151111TB

Tgt Ion:	138	Resp:	13
Ion	Ratio	Lower	Upper
138	100		
92	248.0	32.0	72.0#
108	76.0	65.6	105.6



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BP013923.D
Acq: 02 Mar 2023 15:40

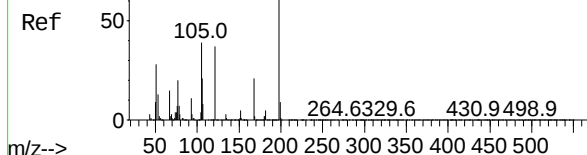
Tgt Ion:	188	Resp:	544421
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.6	7.8	11.8



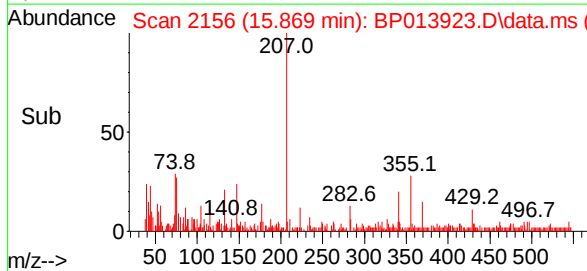
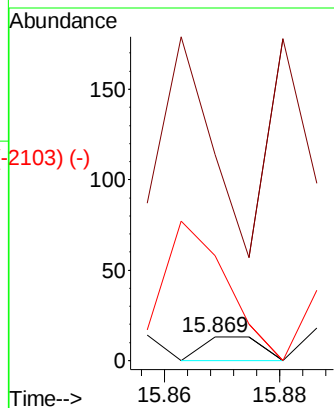
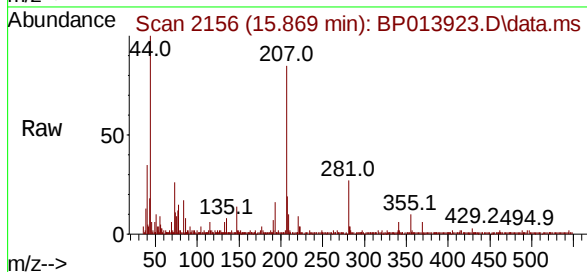
Abundance Scan 2156 (15.869 min): BP013826.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.869 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP013923.D
Acq: 02 Mar 2023 15:40

Instrument :
BNA_P
ClientSampleId :
PB151111TB



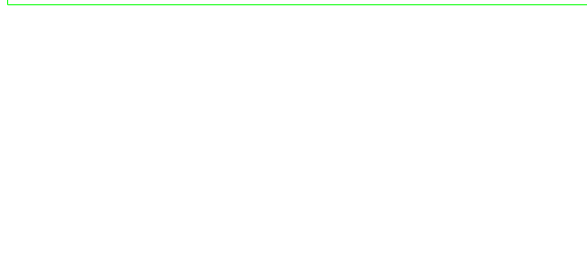
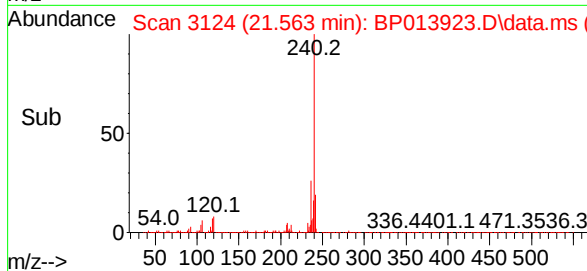
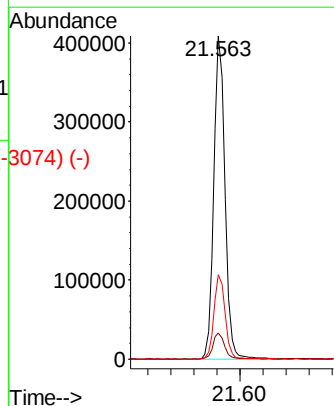
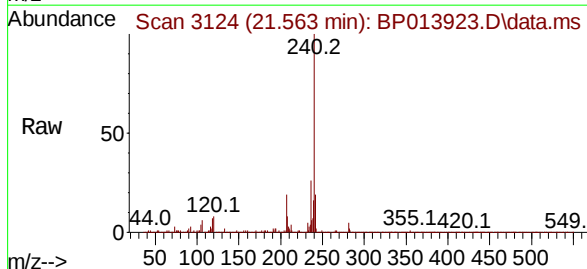
Tgt Ion:	198	Resp:	9
Ion	Ratio	Lower	Upper
198	100		
51	876.9	14.3	54.3#
105	446.2	20.5	60.5#

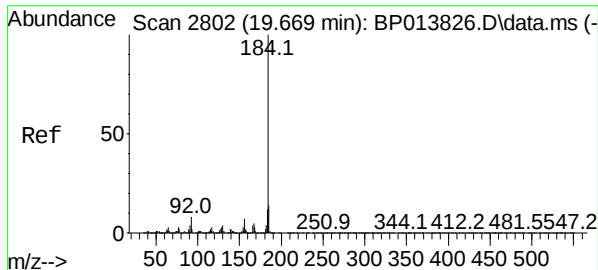


Abundance Scan 3126 (21.574 min): BP013826.D\data.ms (-3178) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013923.D
Acq: 02 Mar 2023 15:40

Tgt Ion:	240	Resp:	551506
Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.9	11.9
236	26.2	20.9	31.3





Benzidine

Concen: 2.885 ng

RT: 19.680 min Scan# 1

Delta R.T. 0.023 min

Lab File: BP013923.D

Acq: 02 Mar 2023 15:40

Instrument :

BNA_P

ClientSampleId :

PB151111TB

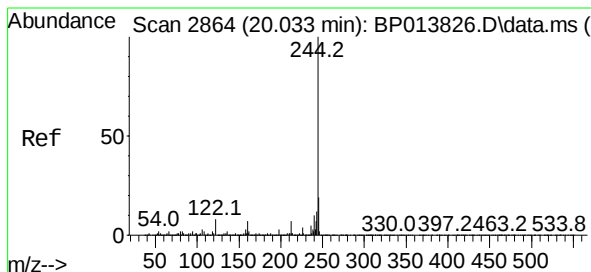
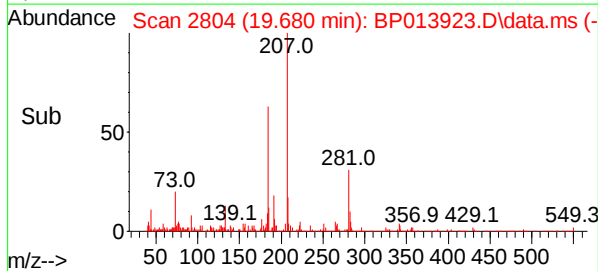
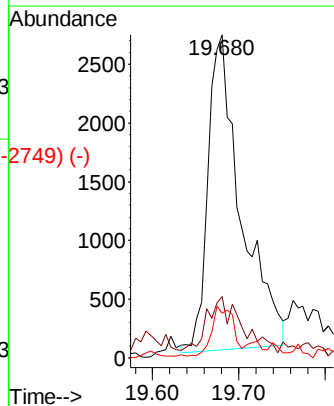
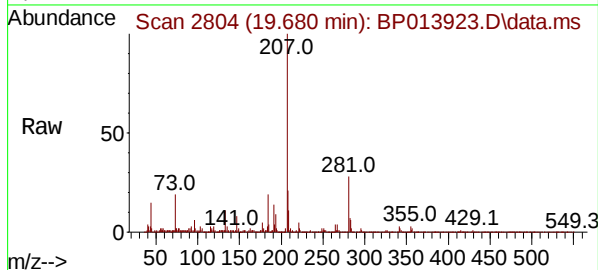
Tgt Ion:184 Resp: 7128

Ion Ratio Lower Upper

184 100

185 19.0 11.4 17.0#

183 13.8 9.6 14.4



Terphenyl-d14

Concen: 91.092 ng

RT: 20.021 min Scan# 2862

Delta R.T. -0.000 min

Lab File: BP013923.D

Acq: 02 Mar 2023 15:40

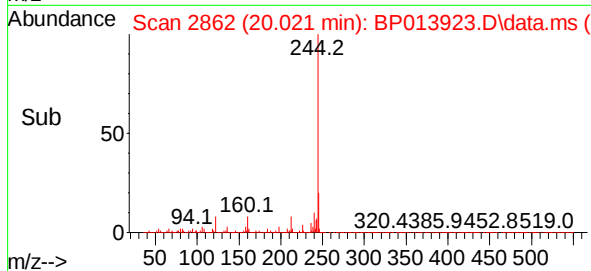
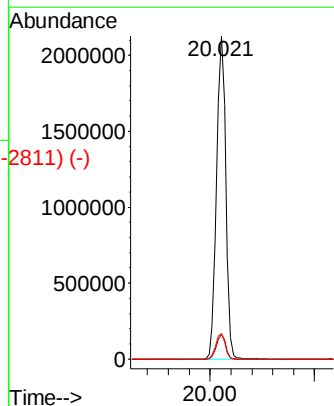
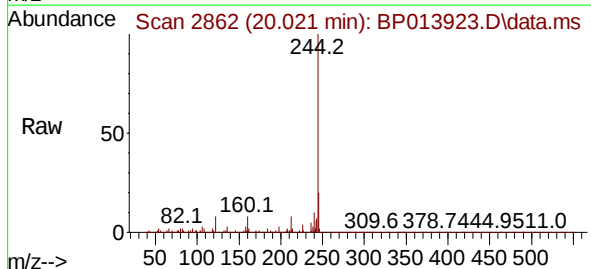
Tgt Ion:244 Resp: 2611130

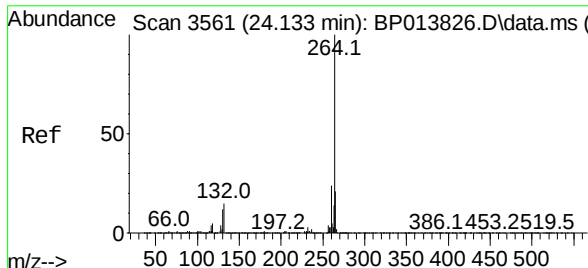
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 7.9 6.7 10.1





Perylene-d12
 Concen: 20.000 ng
 RT: 24.115 min Scan# 3548
 Delta R.T. 0.006 min
 Lab File: BP013923.D
 Acq: 02 Mar 2023 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB151111TB

Tgt Ion:	264	Resp:	644737
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.4	17.6	26.4

