

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013921.D
 Acq On : 02 Mar 2023 14:32
 Operator : CG/JU
 Sample : PB1511163BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB1511163BL

Quant Time: Mar 02 16:18:12 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)

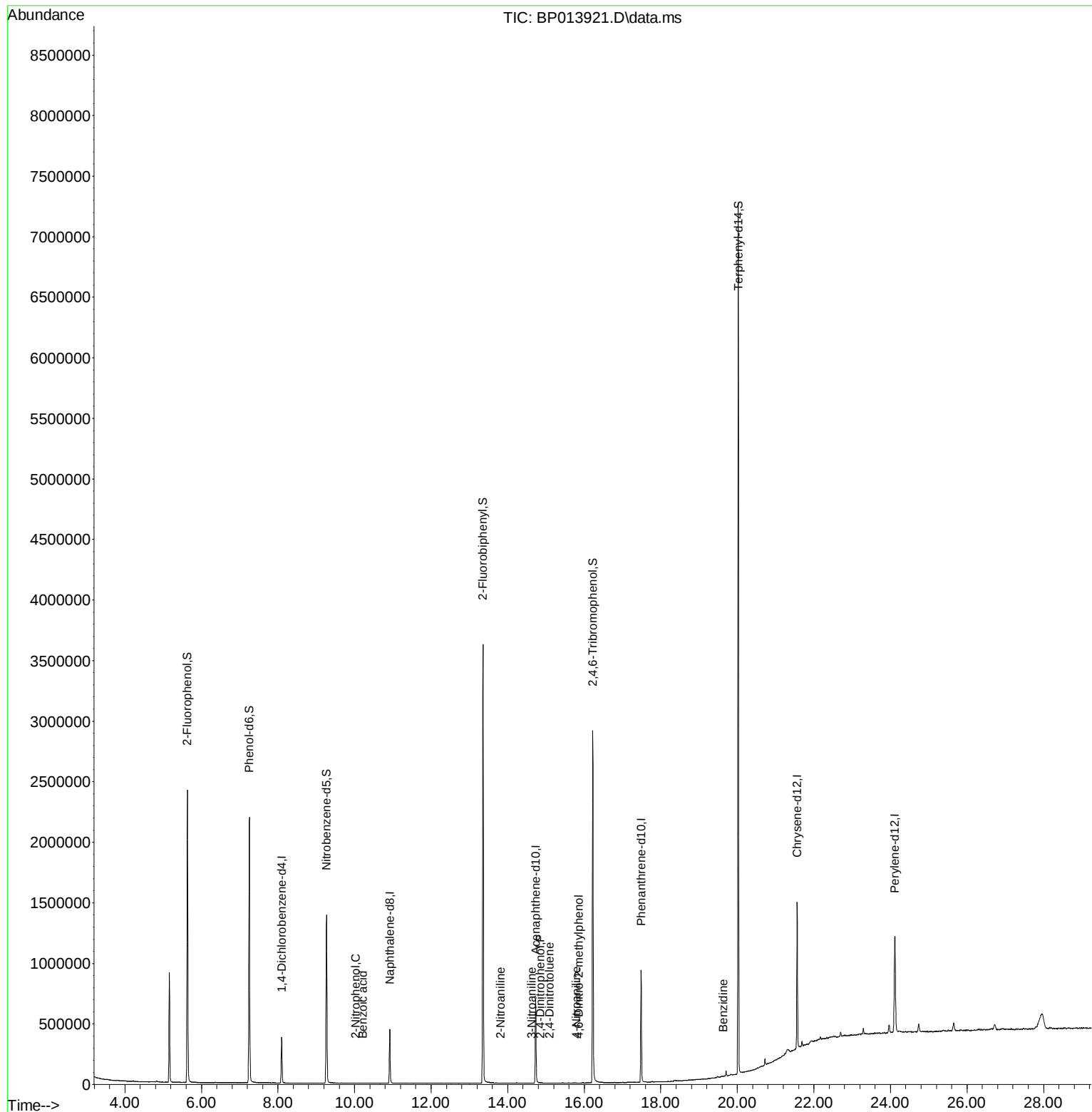
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	99376	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	376845	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	245709	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	557860	20.000	ng	0.00
76) Chrysene-d12	21.563	240	595628	20.000	ng	0.00
86) Perylene-d12	24.110	264	686692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	981155	162.720	ng	0.00
7) Phenol-d6	7.252	99	1265278	163.845	ng	0.00
23) Nitrobenzene-d5	9.269	82	809899	116.054	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	579353	161.979	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1865208	99.707	ng	0.00
79) Terphenyl-d14	20.021	244	3301784	106.654	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.028	139	10	2.771	ng	# 1
32) Benzoic acid	10.216	122	38	5.083	ng	# 1
48) 2-Nitroaniline	13.822	65	49	3.241	ng	# 28
53) 3-Nitroaniline	14.634	138	26	2.013	ng	# 29
54) 2,4-Dinitrophenol	14.851	184	64	5.283	ng	# 53
57) 2,4-Dinitrotoluene	15.098	165	10	2.282	ng	# 54
62) 4-Nitroaniline	15.798	138	16	2.550	ng	# 63
65) 4,6-Dinitro-2-methylph...	15.857	198	27	4.630	ng	# 1
77) Benzidine	19.627	184	143	2.294	ng	# 39

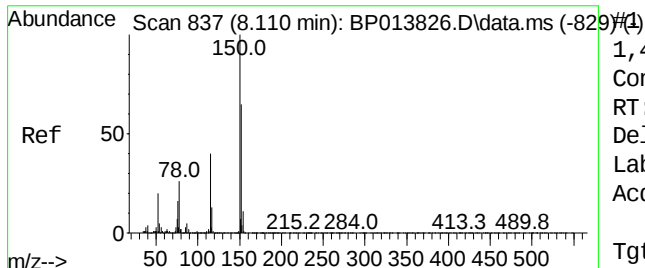
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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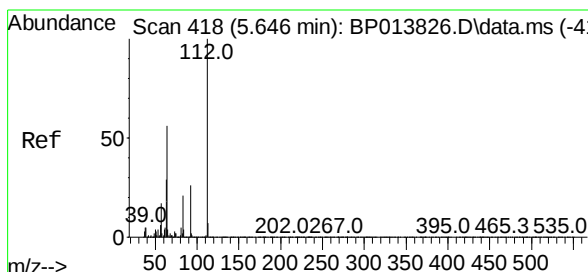
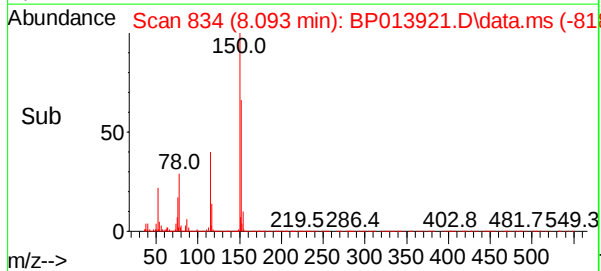
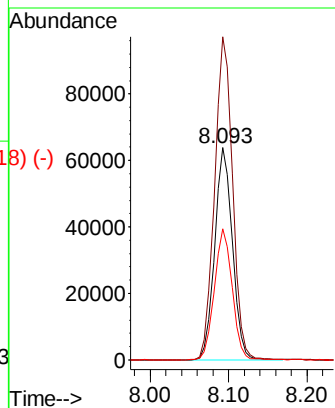
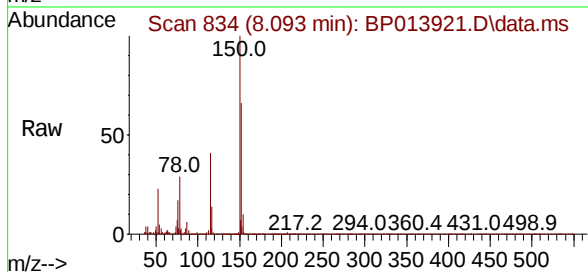




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.093 min Scan# 837
 Delta R.T. -0.006 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

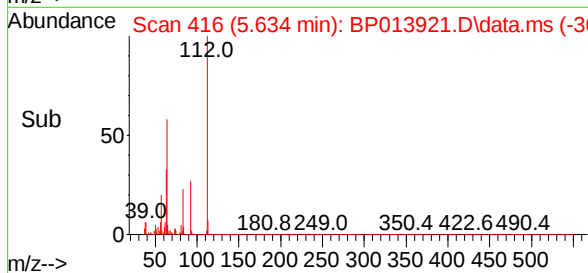
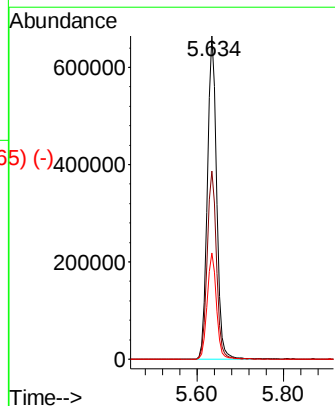
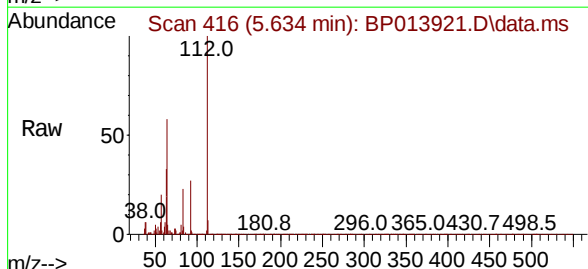
Instrument :
 BNA_P
 ClientSampleId :
 PB151163BL

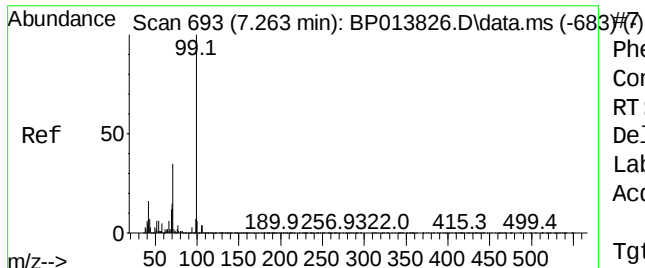
Tgt Ion:152 Resp: 99376
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.8 184.2
 115 61.7 49.0 73.6



2-Fluorophenol
 Concen: 162.720 ng
 RT: 5.634 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Tgt Ion:112 Resp: 981155
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.6 66.8
 63 32.9 23.6 35.4



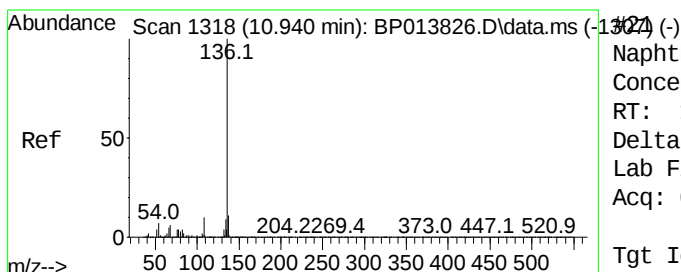
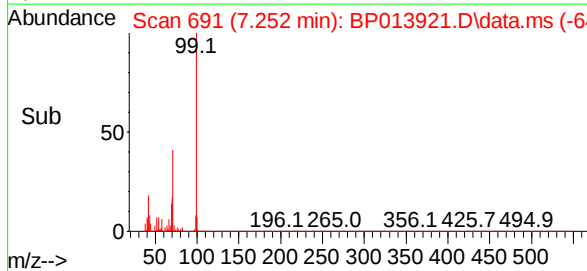
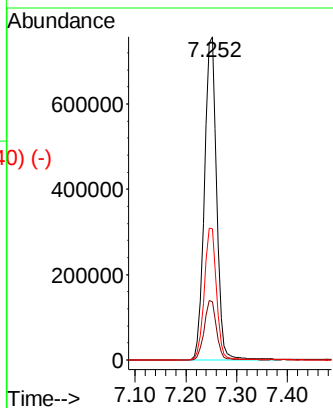
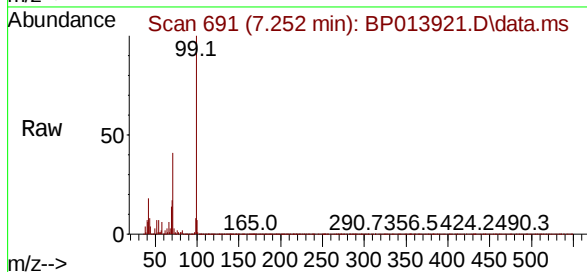


Phenol-d6
 Concen: 163.845 ng
 RT: 7.252 min Scan# 1321
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Instrument :
 BNA_P
 ClientSampleId :
 PB151163BL

Tgt Ion: 99 Resp: 1265278

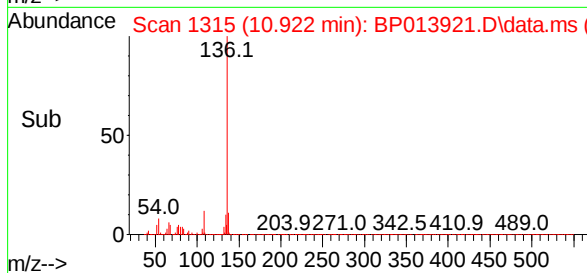
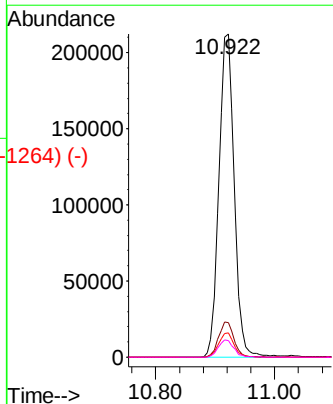
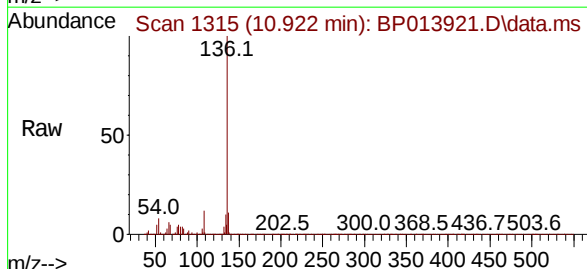
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.5	18.7
71	40.6	27.8	41.8



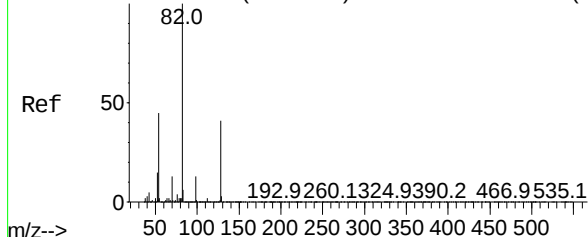
Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.922 min Scan# 1315
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Tgt Ion: 136 Resp: 376845

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.5	5.8	8.6
68	5.2	4.6	6.8



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



Nitrobenzene-d5

Concen: 116.054 ng

RT: 9.269 min Scan#

Delta R.T. -0.000 min

Lab File: BP013921.D

Acq: 02 Mar 2023 14:32

Instrument :

BNA_P

ClientSampleId :

PB151163BL

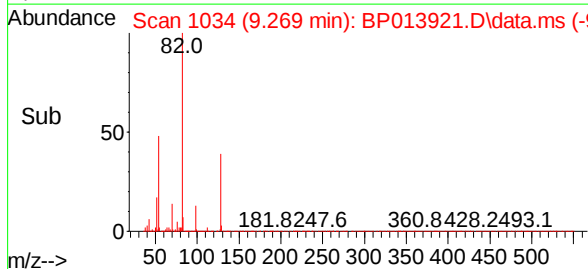
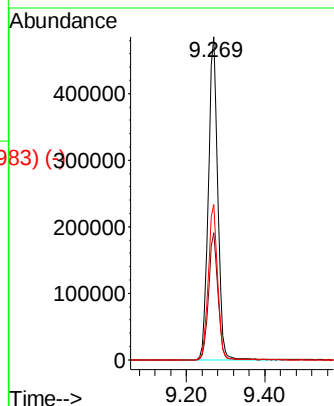
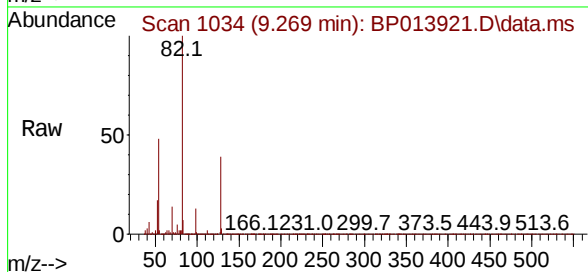
Tgt Ion: 82 Resp: 809899

Ion Ratio Lower Upper

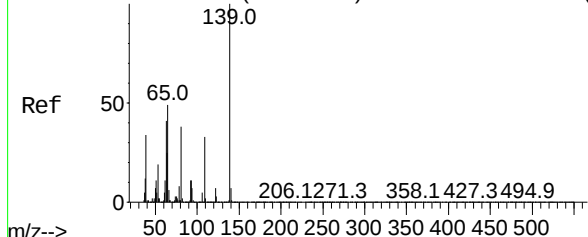
82 100

128 39.5 32.9 49.3

54 48.0 35.6 53.4



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



2-Nitrophenol

Concen: 2.771 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BP013921.D

Acq: 02 Mar 2023 14:32

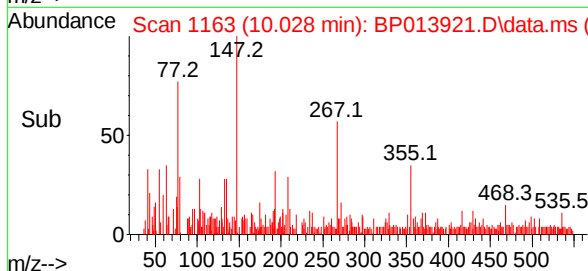
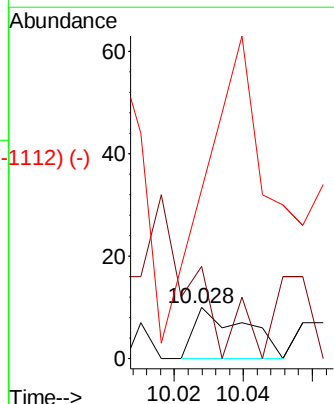
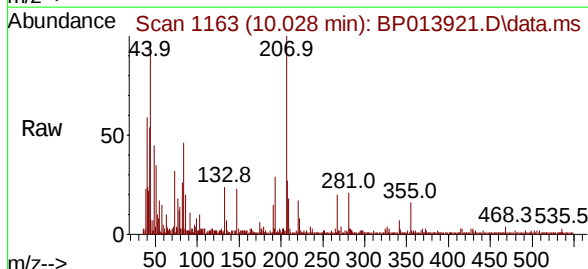
Tgt Ion:139 Resp: 10

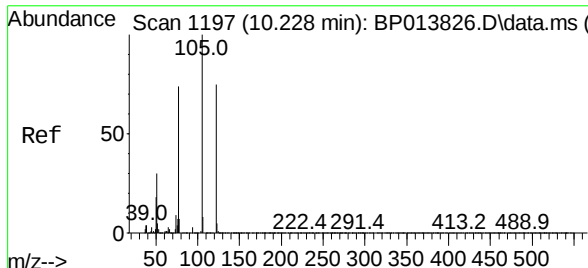
Ion Ratio Lower Upper

139 100

109 180.0 26.7 40.1#

65 330.0 39.4 59.2#

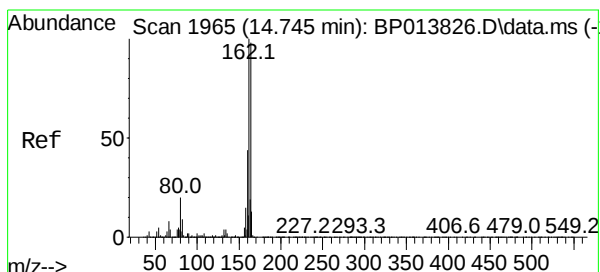
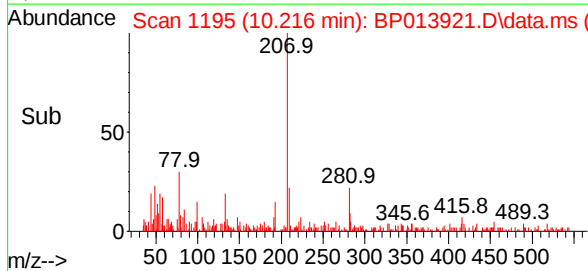
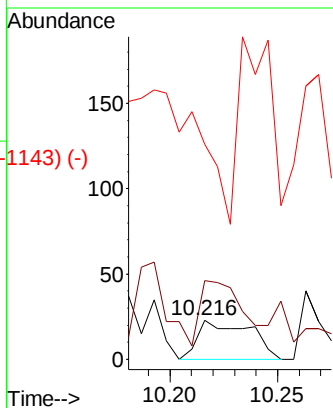
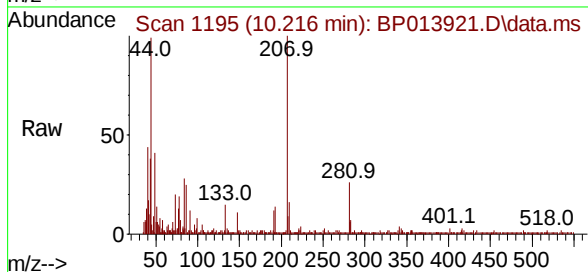




Benzoic acid
 Concen: 5.083 ng
 RT: 10.216 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

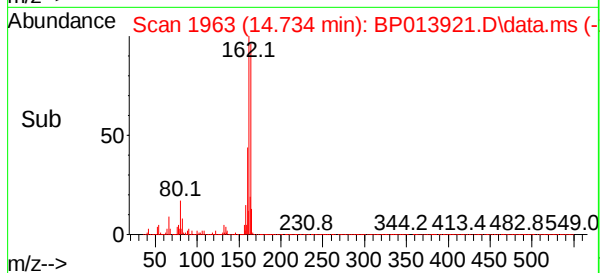
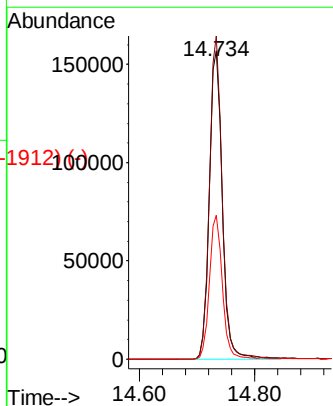
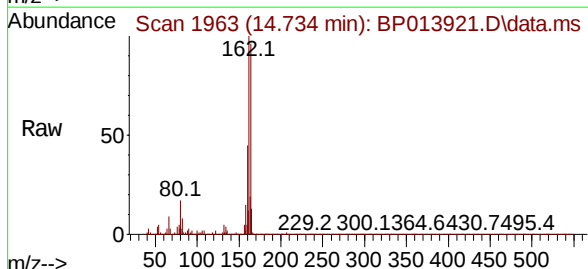
Instrument :
 BNA_P
 ClientSampleId :
 PB151163BL

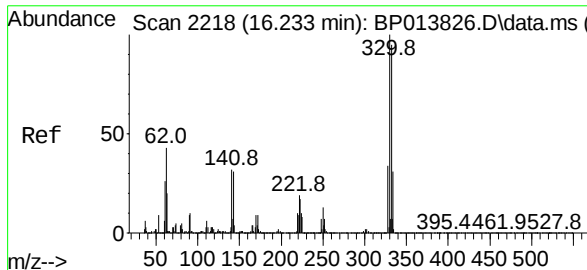
Tgt Ion:	122	Resp:	38
Ion	Ratio	Lower	Upper
122	100		
105	200.0	107.4	147.4#
77	547.8	76.0	116.0#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.734 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Tgt Ion:	164	Resp:	245709
Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.7	122.5
160	46.6	36.1	54.1

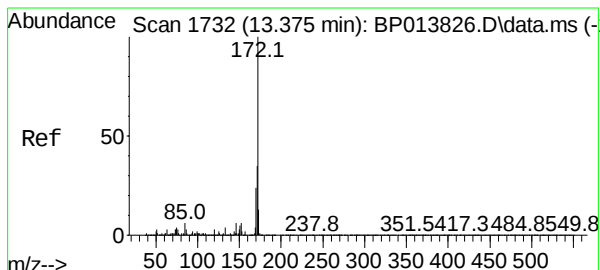
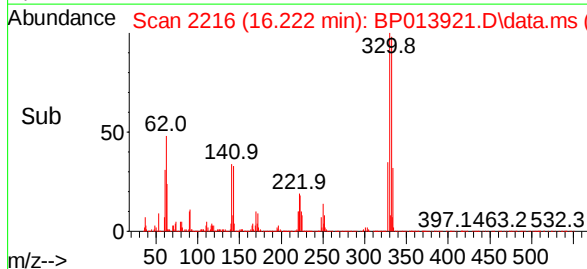
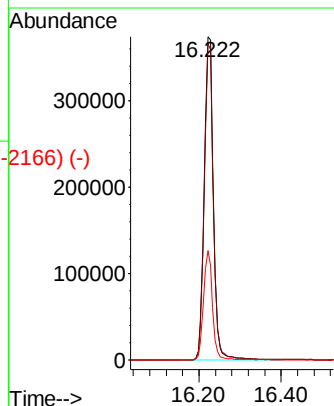
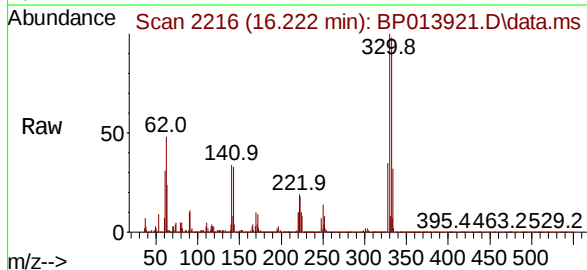




2,4,6-Tribromophenol
Concen: 161.979 ng
RT: 16.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

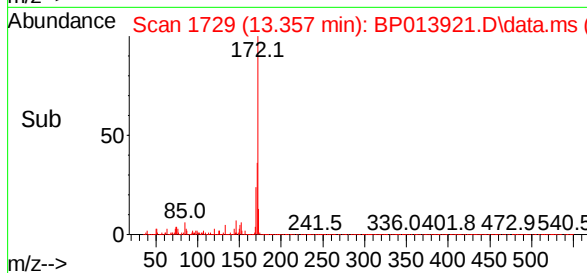
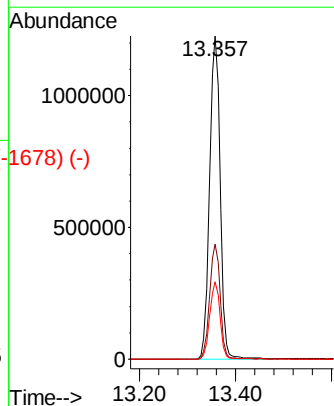
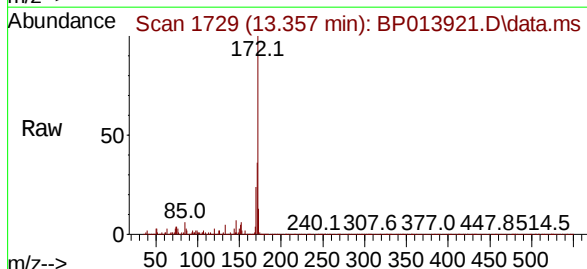
Instrument :
BNA_P
ClientSampleId :
PB151163BL

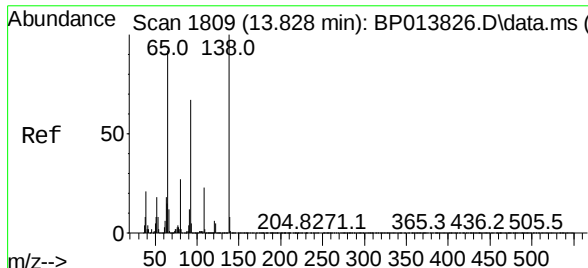
Tgt Ion:330 Resp: 579353
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 32.7 25.1 37.7



2-Fluorobiphenyl
Concen: 99.707 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

Tgt Ion:172 Resp: 1865208
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.9 19.0 28.4

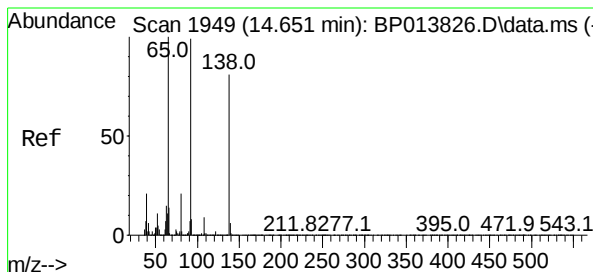
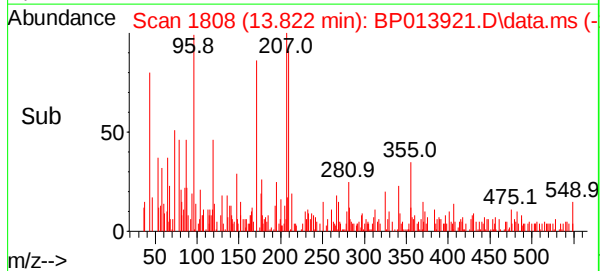
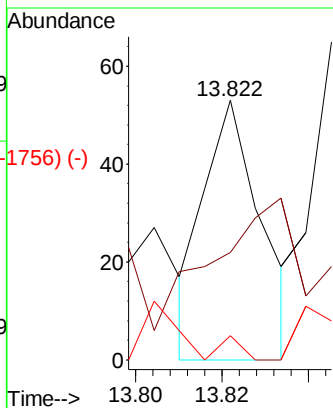
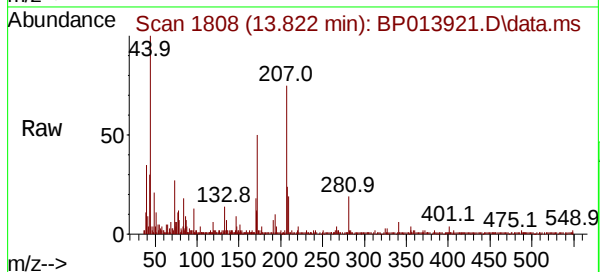




2-Nitroaniline
 Concen: 3.241 ng
 RT: 13.822 min Scan# 1809
 Delta R.T. 0.006 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

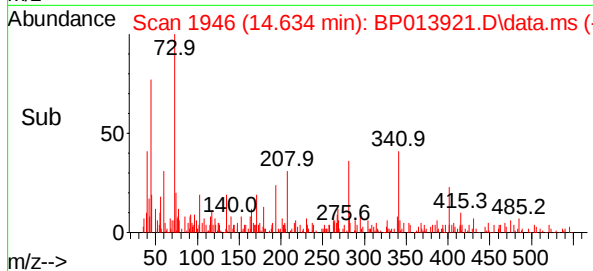
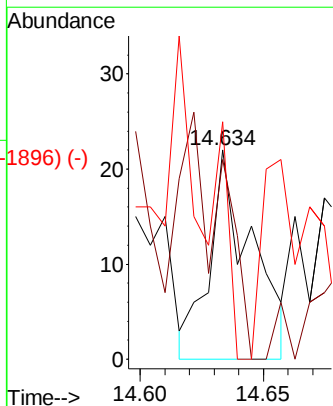
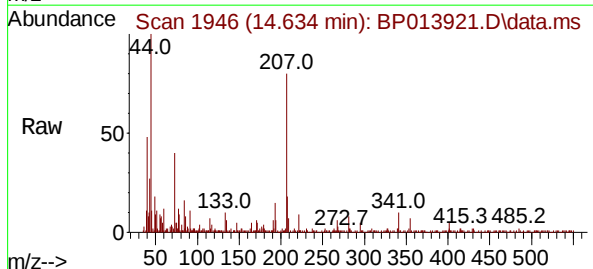
Instrument :
 BNA_P
 ClientSampleId :
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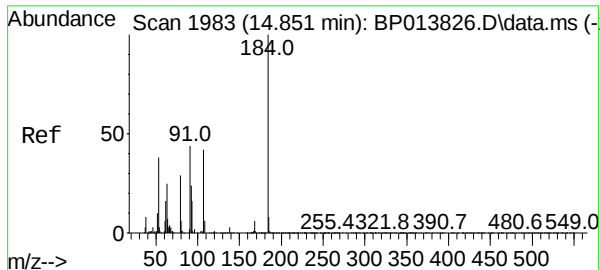
Tgt Ion:	65	Resp:	49
Ion	Ratio	Lower	Upper
65	100		
92	41.5	58.7	88.1#
138	9.4	87.3	130.9#



3-Nitroaniline
 Concen: 2.013 ng
 RT: 14.634 min Scan# 1946
 Delta R.T. -0.006 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Tgt Ion:	138	Resp:	26
Ion	Ratio	Lower	Upper
138	100		
108	140.9	9.0	13.4#
92	172.7	97.1	145.7#

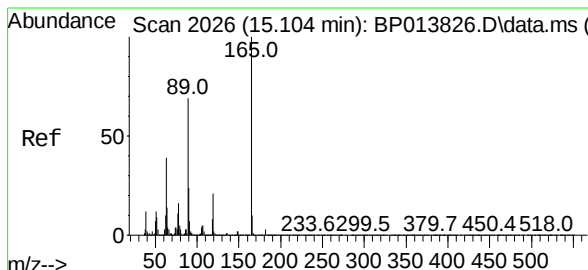
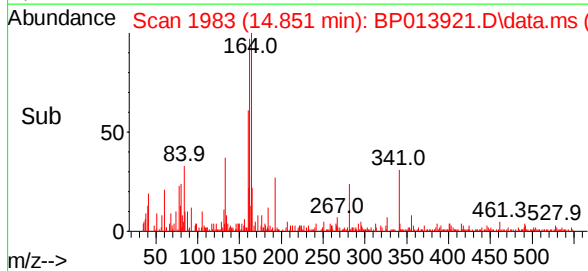
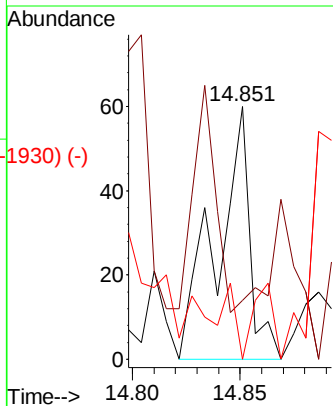
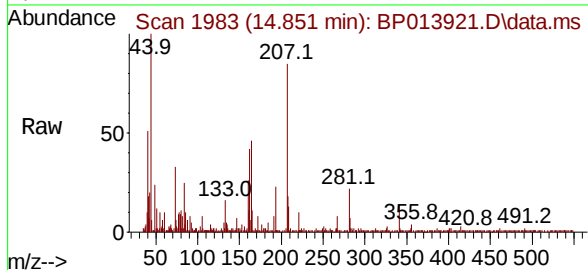




2,4-Dinitrophenol
Concen: 5.283 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

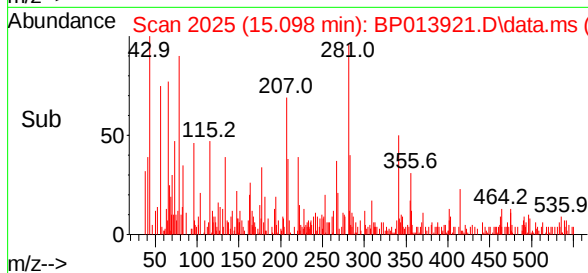
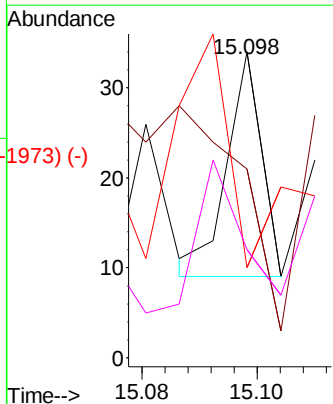
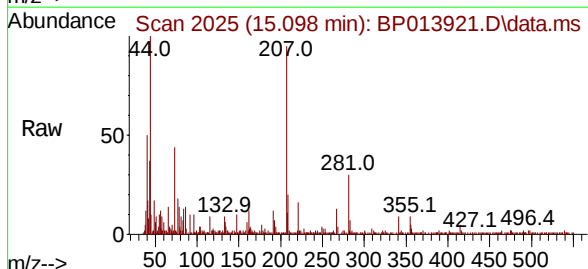
Instrument :
BNA_P
ClientSampleId :
PB151163BL

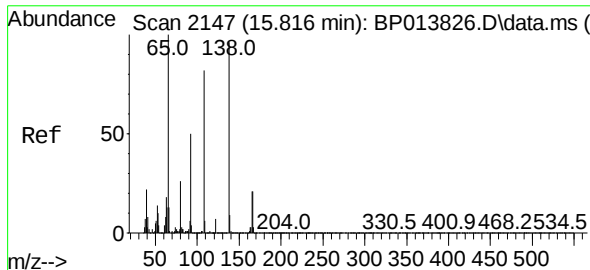
Tgt Ion:	184	Resp:	64
Ion	Ratio	Lower	Upper
184	100		
63	51.7	47.0	70.4
154	0.0	51.5	77.3#



2,4-Dinitrotoluene
Concen: 2.282 ng
RT: 15.098 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

Tgt Ion:	165	Resp:	10
Ion	Ratio	Lower	Upper
165	100		
63	61.8	31.1	46.7#
89	29.4	54.9	82.3#
182	35.3	2.5	3.7#

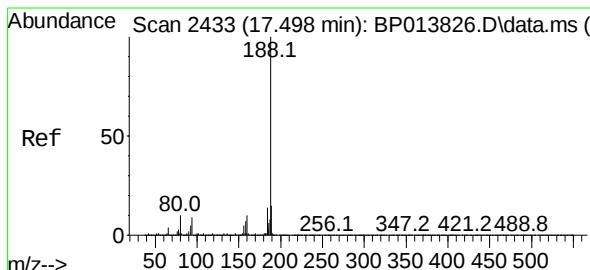
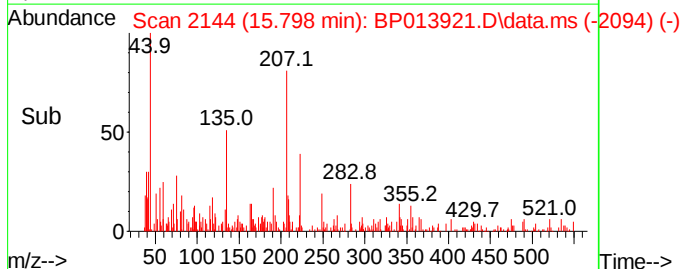
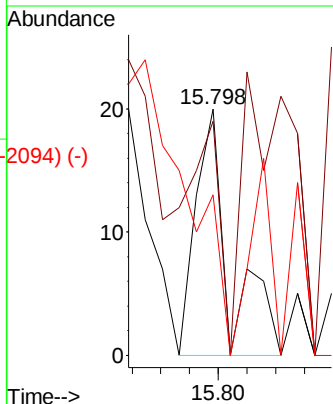
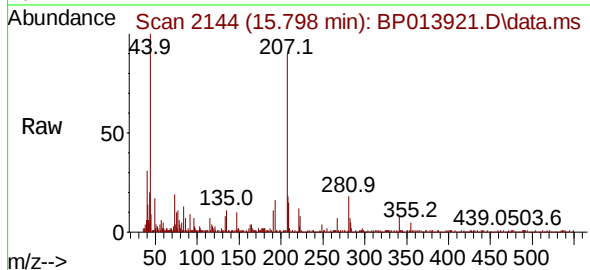




4-Nitroaniline
Concen: 2.550 ng
RT: 15.798 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

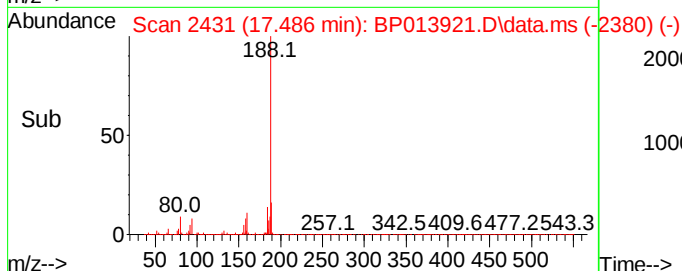
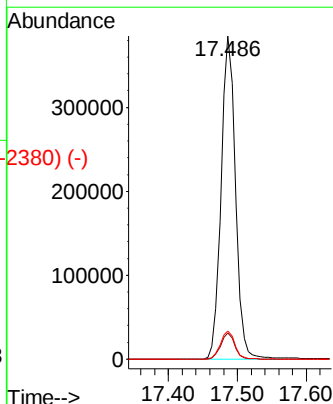
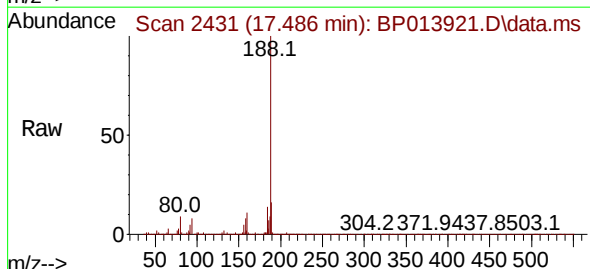
Instrument :
BNA_P
ClientSampleId :
PB151163BL

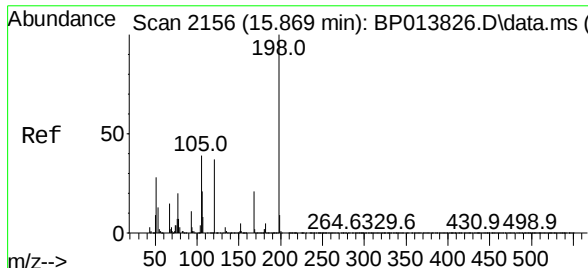
Tgt Ion:	138	Resp:	16
Ion	Ratio	Lower	Upper
138	100		
92	95.0	32.0	72.0#
108	65.0	65.6	105.6#



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

Tgt Ion:	188	Resp:	557860
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.7	7.8	11.8

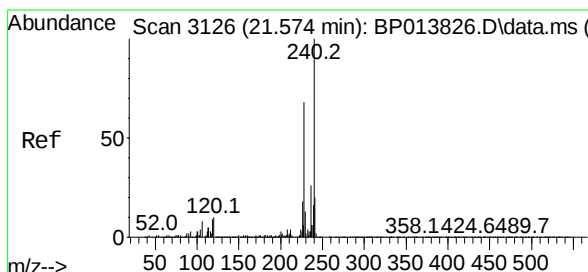
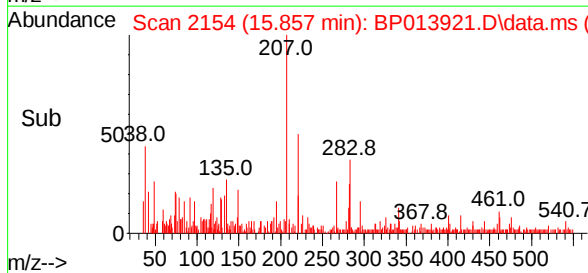
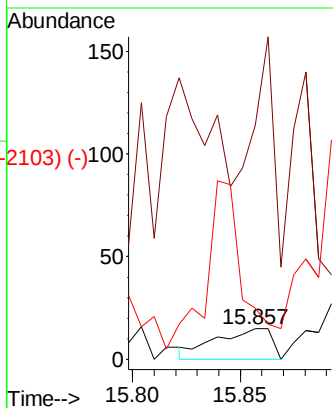
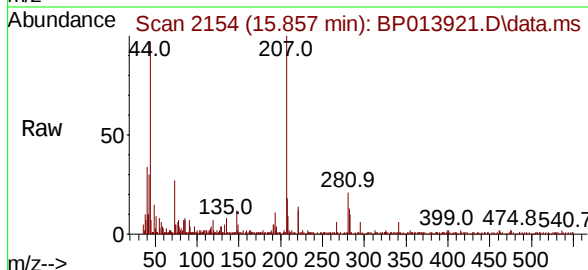




Scan 2156 (15.869 min): BP013826.D\data.ms (-2165) (-)
 4,6-Dinitro-2-methylphenol
 Concen: 4.630 ng
 RT: 15.857 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

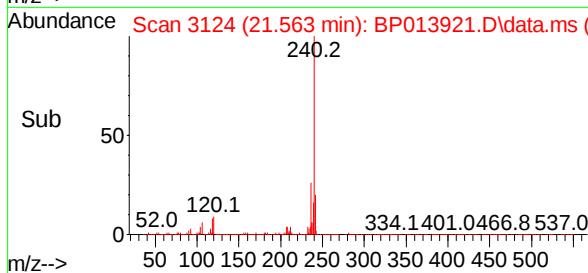
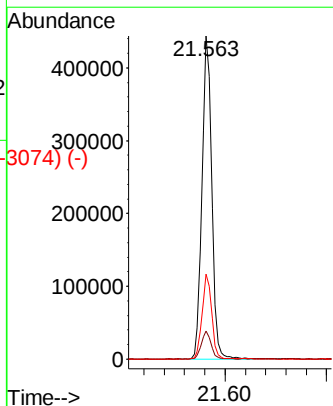
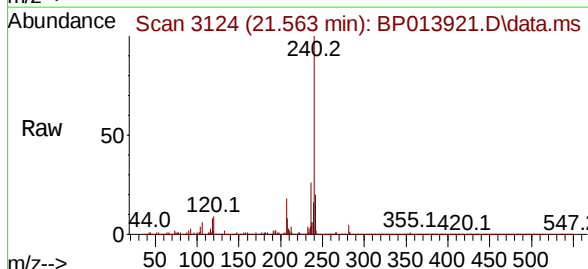
Instrument :
 BNA_P
 ClientSampleId :
 PB151163BL

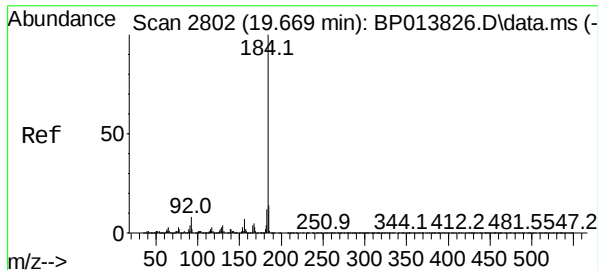
Tgt Ion:	198	Resp:	27
Ion	Ratio	Lower	Upper
198	100		
51	860.0	14.3	54.3#
105	166.7	20.5	60.5#



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: BP013921.D
 Acq: 02 Mar 2023 14:32

Tgt Ion:	240	Resp:	595628
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.9	11.9
236	26.4	20.9	31.3

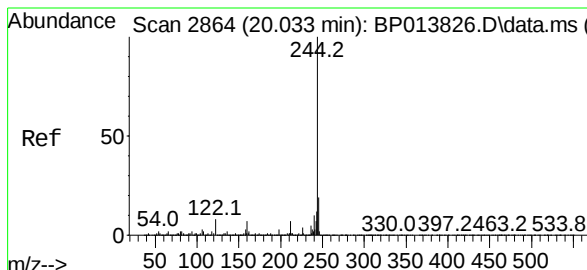
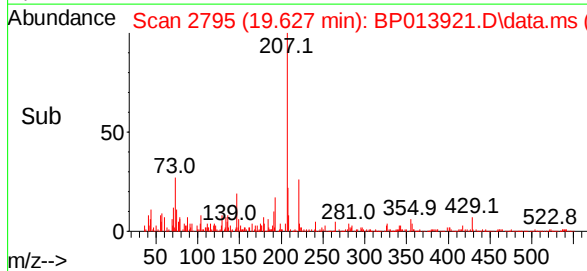
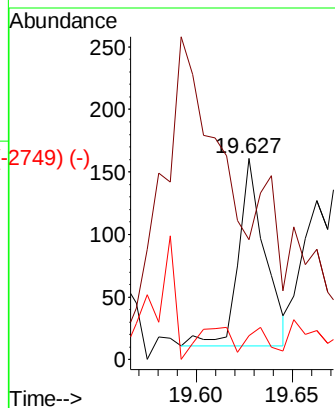
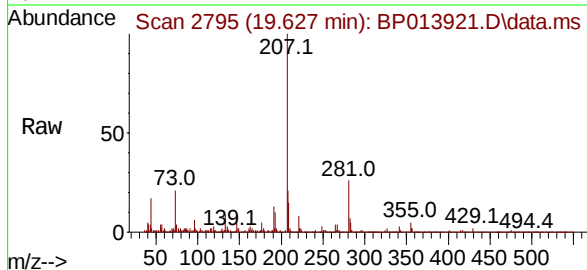




Benzidine
Concen: 2.294 ng
RT: 19.627 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

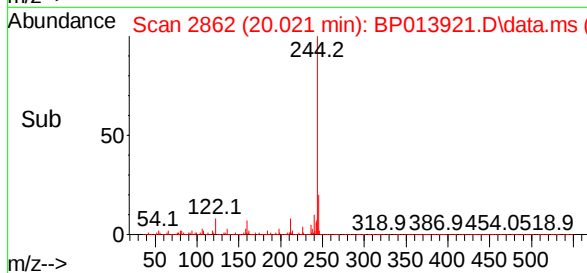
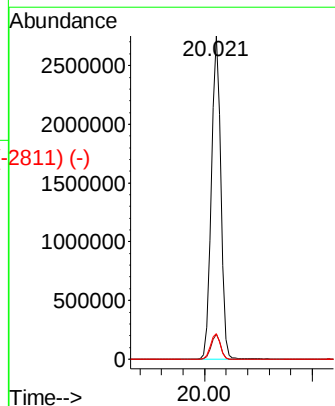
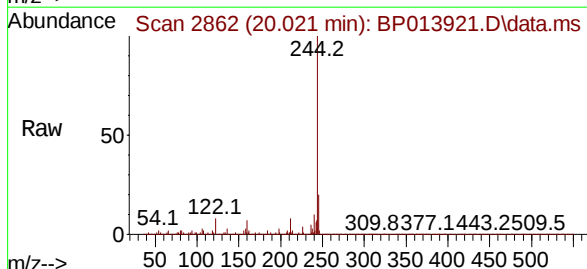
Instrument :
BNA_P
ClientSampleId :
PB151163BL

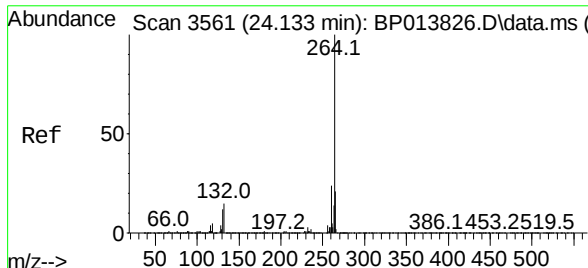
Tgt Ion:	184	Resp:	143
Ion	Ratio	Lower	Upper
184	100		
185	59.6	11.4	17.0#
183	11.8	9.6	14.4



Terphenyl-d14
Concen: 106.654 ng
RT: 20.021 min Scan# 2862
Delta R.T. -0.000 min
Lab File: BP013921.D
Acq: 02 Mar 2023 14:32

Tgt Ion:	244	Resp:	3301784
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	8.0	6.7	10.1





Perylene-d12
 Concen: 20.000 ng
 RT: 24.110 min Scan# 3561
 Delta R.T. -0.000 min
 Lab File: BP013921.D
 Acq: 02 Mar 2023 14:32

Instrument :
 BNA_P
 ClientSampleId :
 PB151163BL

Tgt Ion:	264	Resp:	686692
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.3	17.6	26.4

