

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013924.D
 Acq On : 02 Mar 2023 16:15
 Operator : CG/JU
 Sample : 01739-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

Quant Time: Mar 02 16:57:37 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)

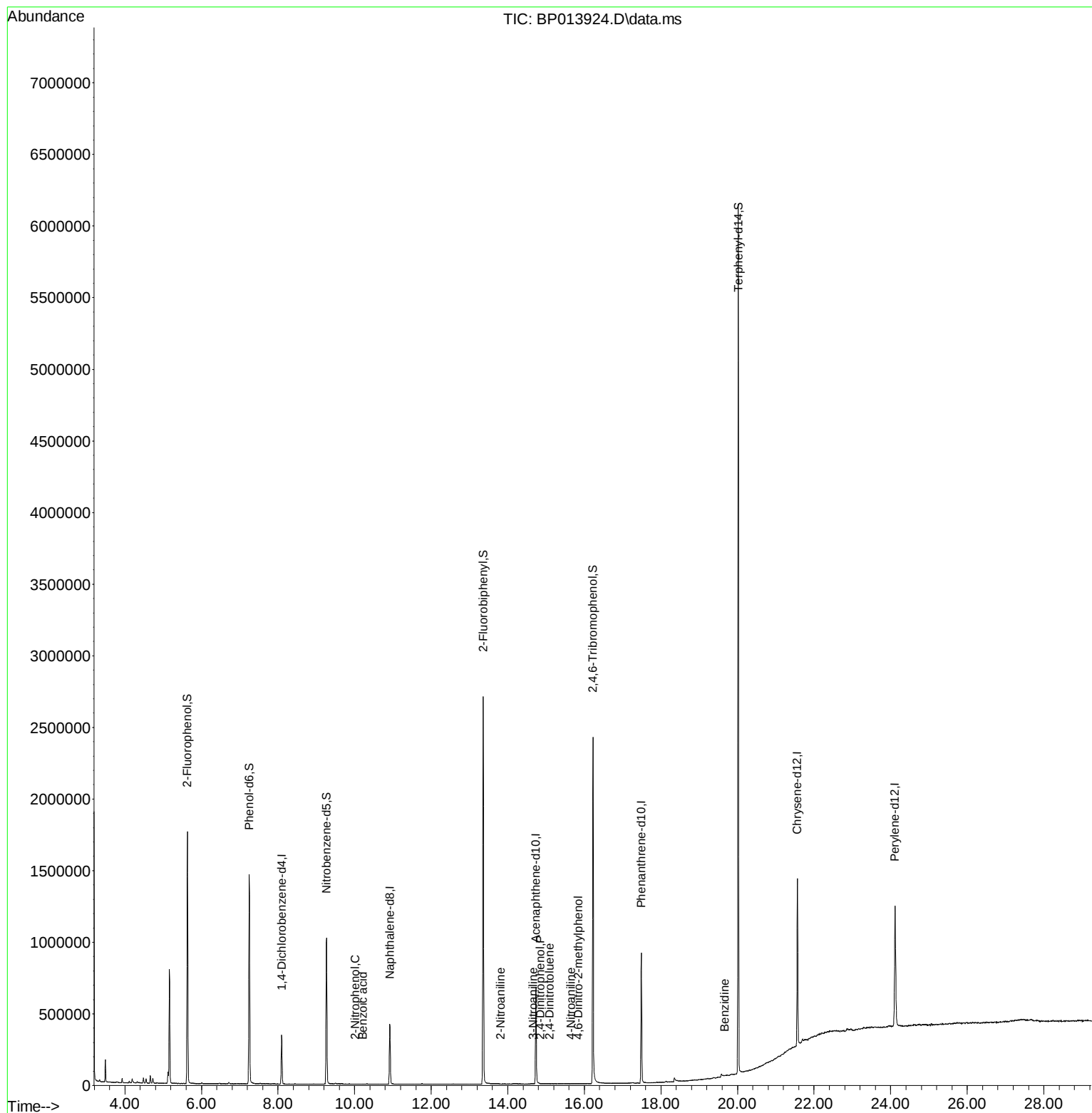
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	88269	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	344112	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	234690	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	557133	20.000	ng	0.00
76) Chrysene-d12	21.563	240	599619	20.000	ng	0.00
86) Perylene-d12	24.116	264	706488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	693918	129.564	ng	0.00
7) Phenol-d6	7.246	99	792755	115.574	ng	0.00
23) Nitrobenzene-d5	9.269	82	597850	93.818	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	482782	141.317	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1370938	76.726	ng	0.00
79) Terphenyl-d14	20.022	244	2735943	87.788	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.016	139	39	2.780	ng	# 1
32) Benzoic acid	10.222	122	24	5.081	ng	# 1
48) 2-Nitroaniline	13.810	65	8	3.232	ng	# 1
53) 3-Nitroaniline	14.657	138	10	2.010	ng	# 24
54) 2,4-Dinitrophenol	14.857	184	9	5.265	ng	# 46
57) 2,4-Dinitrotoluene	15.087	165	29	2.286	ng	# 45
62) 4-Nitroaniline	15.651	138	12	2.550	ng	# 88
65) 4,6-Dinitro-2-methylph...	15.840	198	8	4.626	ng	# 1
77) Benzidine	19.669	184	104	2.291	ng	# 1

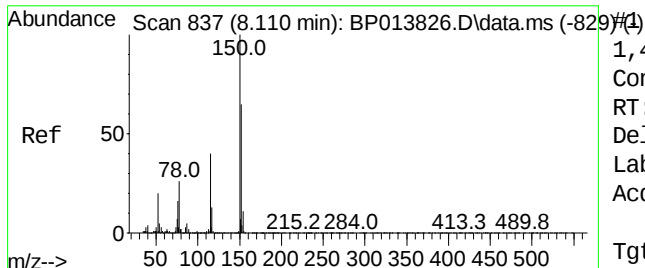
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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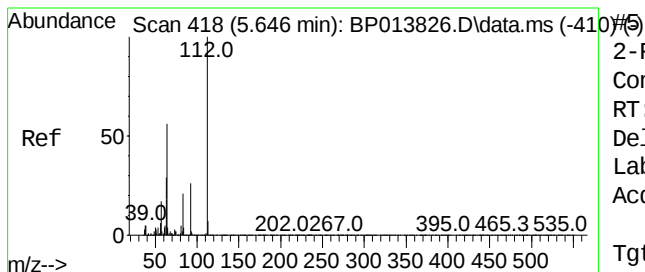
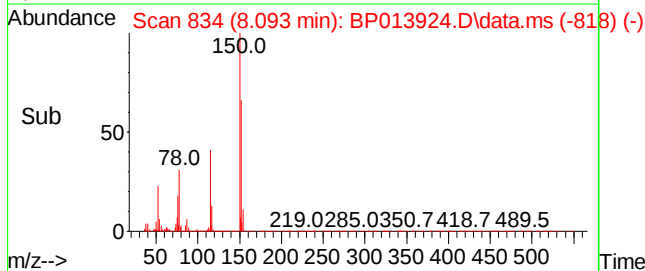
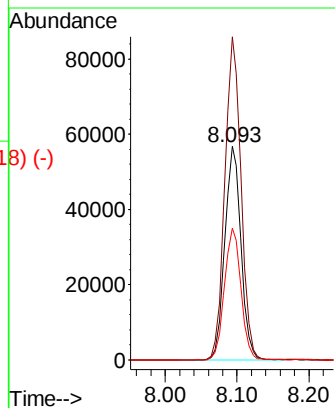
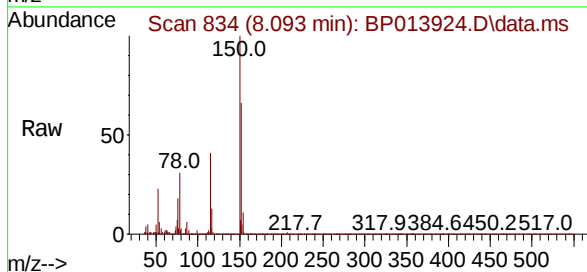




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.093 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

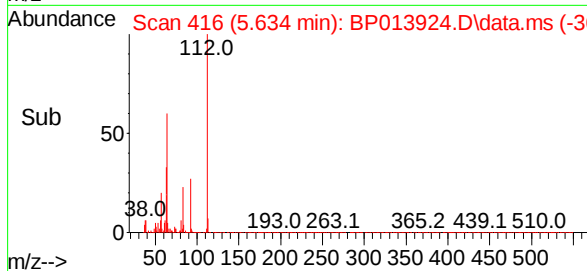
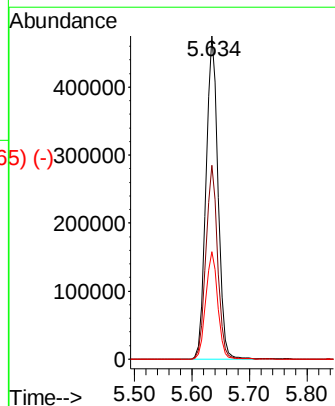
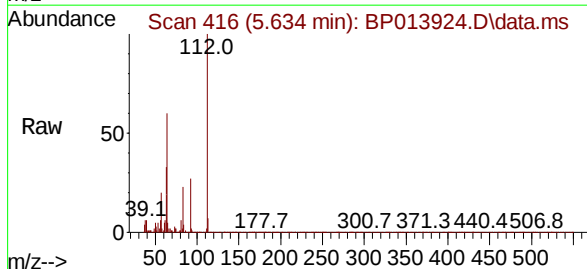
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

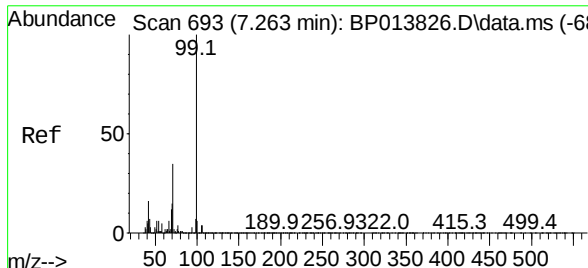
Tgt Ion:	152	Resp:	88269
Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.8	184.2
115	61.6	49.0	73.6



2-Fluorophenol
 Concen: 129.564 ng
 RT: 5.634 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

Tgt Ion:	112	Resp:	693918
Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.6	66.8
63	33.3	23.6	35.4

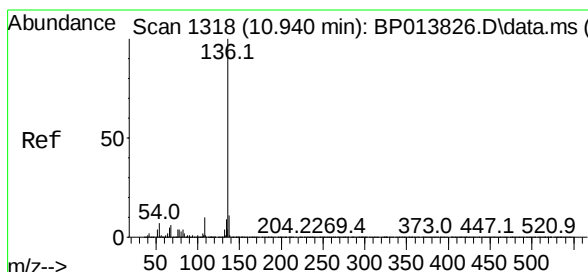
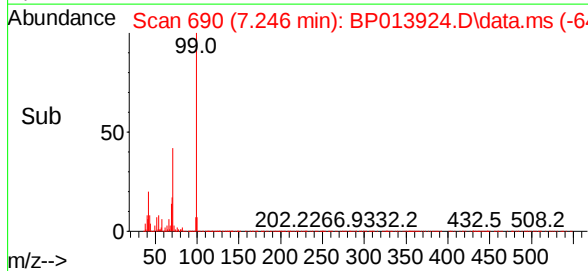
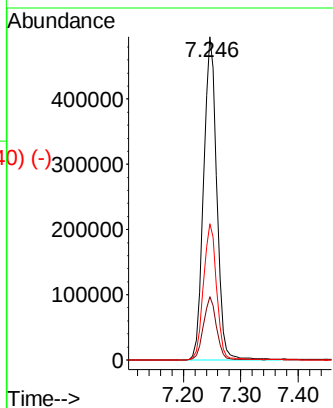
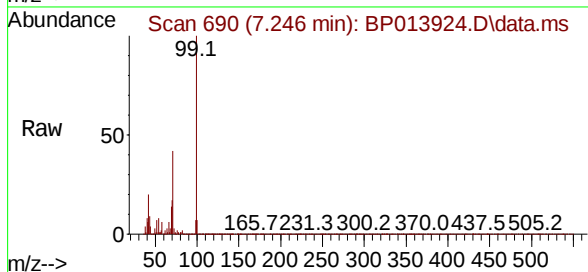




Phenol-d6
 Concen: 115.574 ng
 RT: 7.246 min Scan# 1321
 Delta R.T. -0.006 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

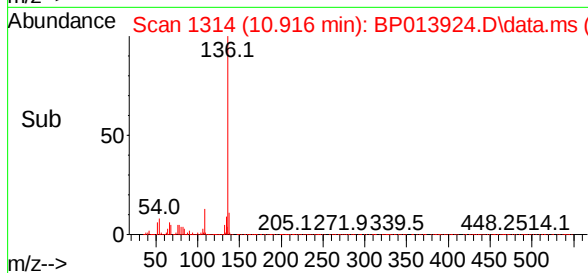
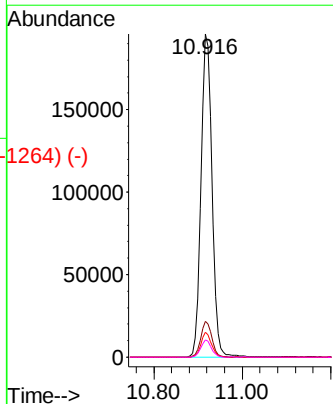
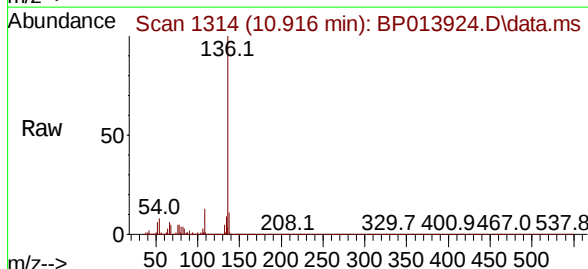
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

Tgt Ion:	99	Resp:	792755
Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.5	18.7#
71	42.1	27.8	41.8#



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.916 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

Tgt Ion:	136	Resp:	344112
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	5.8	8.6
68	5.4	4.6	6.8



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

Nitrobenzene-d5

Concen: 93.818 ng

RT: 9.269 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BP013924.D

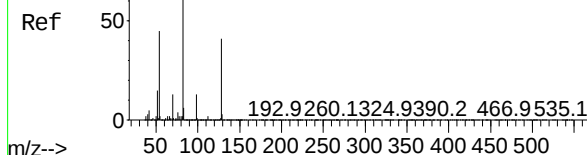
Acq: 02 Mar 2023 16:15

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1-COMP-1



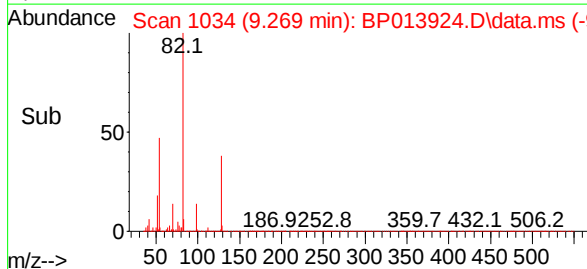
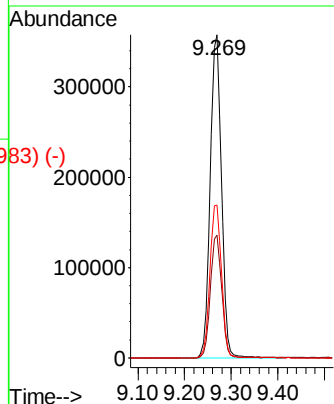
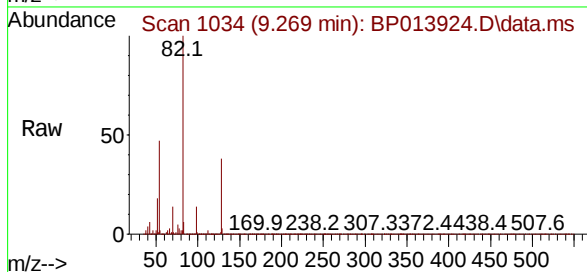
Tgt Ion: 82 Resp: 597850

Ion Ratio Lower Upper

82 100

128 38.1 32.9 49.3

54 47.4 35.6 53.4



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

2-Nitrophenol

Concen: 2.780 ng

RT: 10.016 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BP013924.D

Acq: 02 Mar 2023 16:15

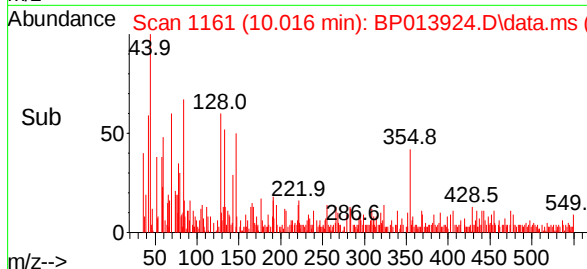
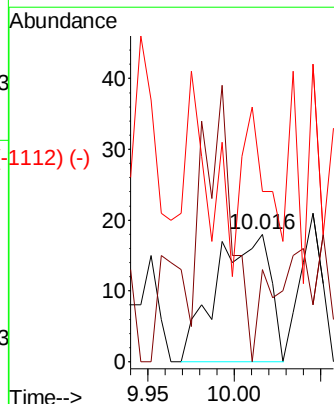
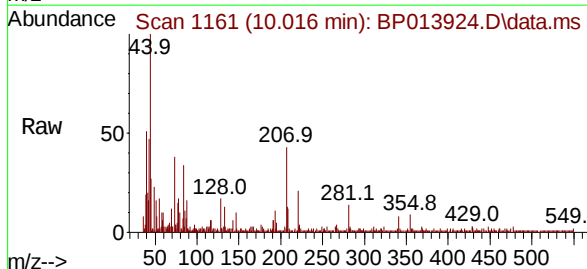
Tgt Ion: 139 Resp: 39

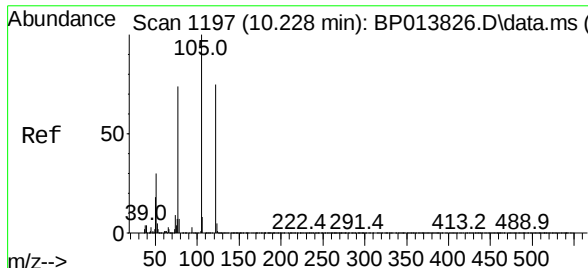
Ion Ratio Lower Upper

139 100

109 72.2 26.7 40.1#

65 133.3 39.4 59.2#

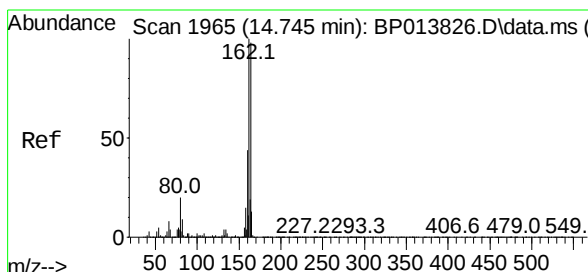
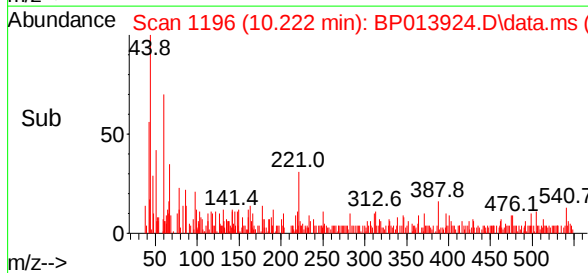
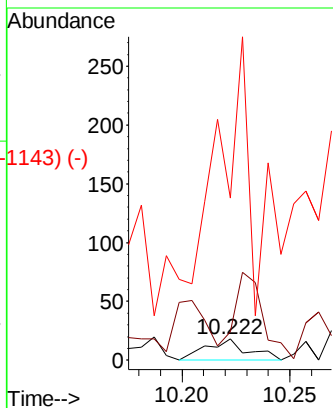
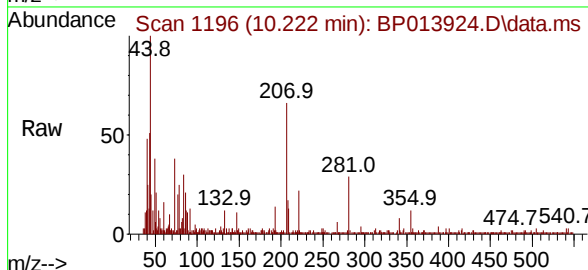




Benzoic acid
 Concen: 5.081 ng
 RT: 10.222 min Scan# 1197
 Delta R.T. 0.012 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

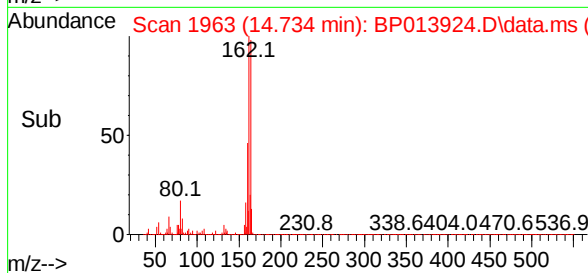
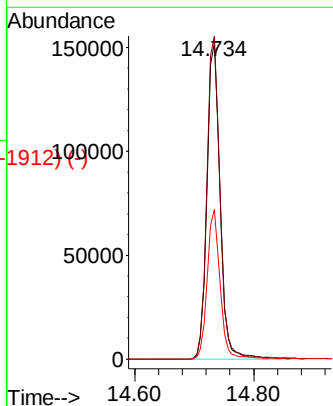
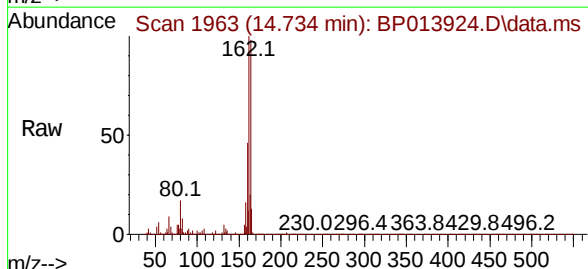
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

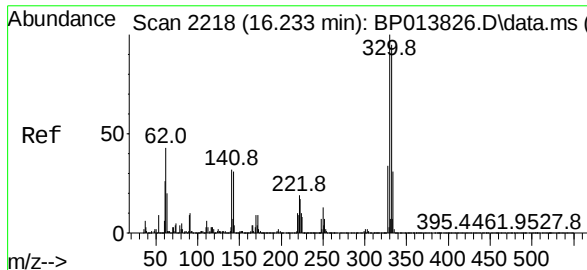
Tgt Ion:	122	Resp:	24
Ion	Ratio	Lower	Upper
122	100		
105	133.3	107.4	147.4
77	766.7	76.0	116.0#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.734 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

Tgt Ion:	164	Resp:	234690
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	47.4	36.1	54.1

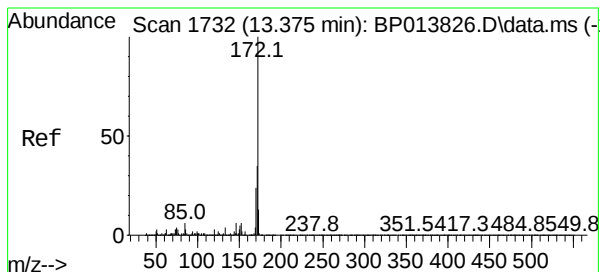
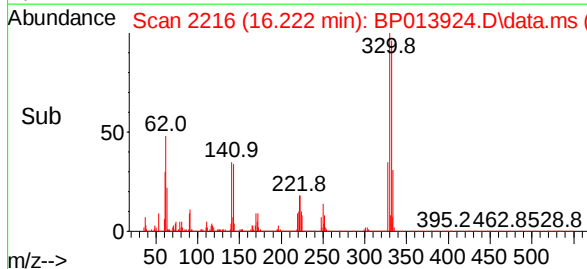
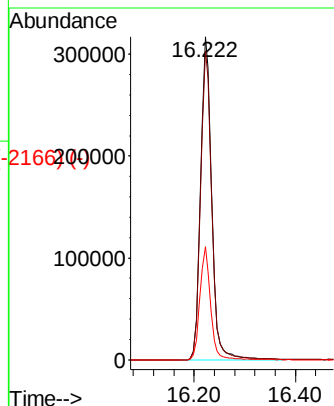
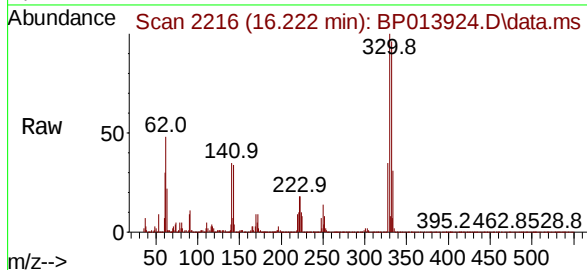




2,4,6-Tribromophenol
Concen: 141.317 ng
RT: 16.222 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP013924.D
Acq: 02 Mar 2023 16:15

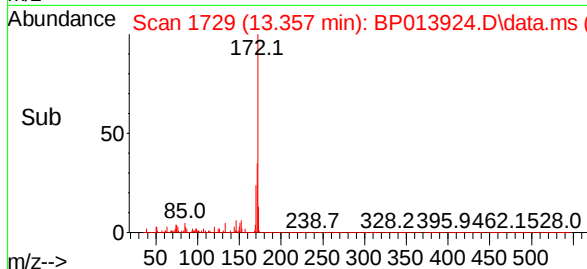
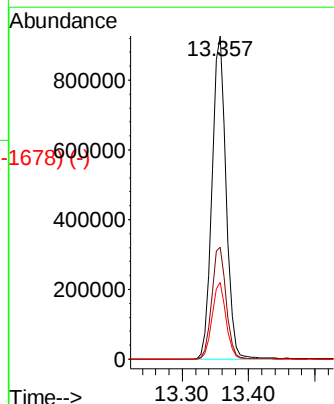
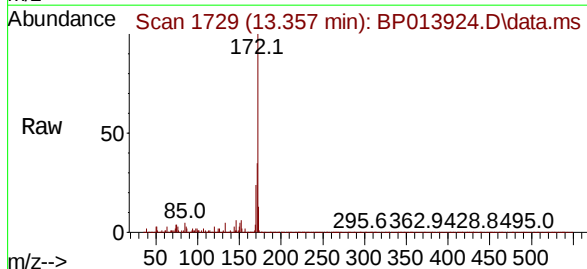
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1-COMP-1

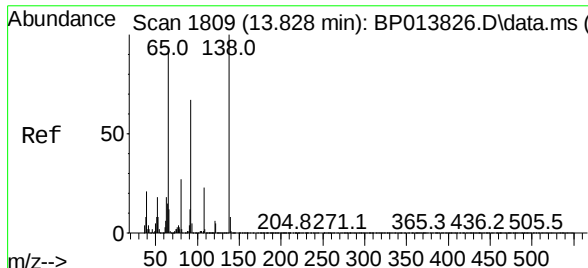
Tgt Ion:	330	Resp:	482782
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	33.9	25.1	37.7



2-Fluorobiphenyl
Concen: 76.726 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP013924.D
Acq: 02 Mar 2023 16:15

Tgt Ion:	172	Resp:	1370938
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.4
170	23.8	19.0	28.4

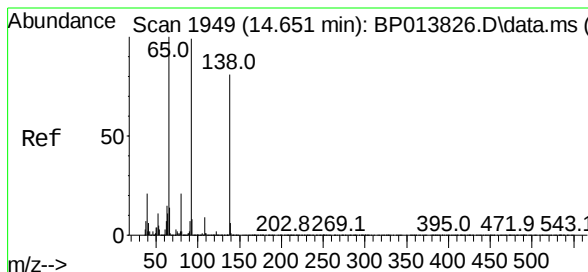
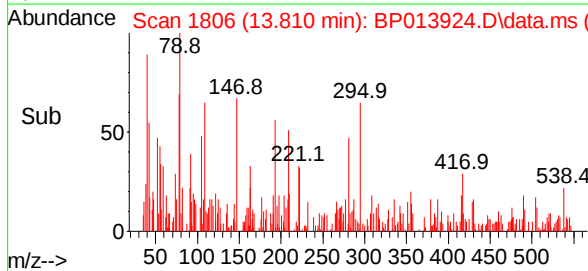
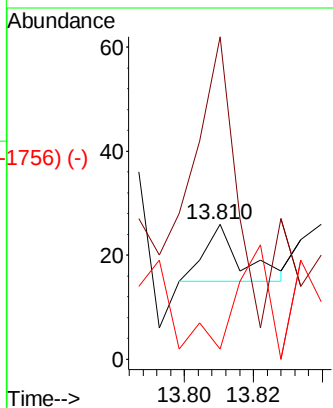
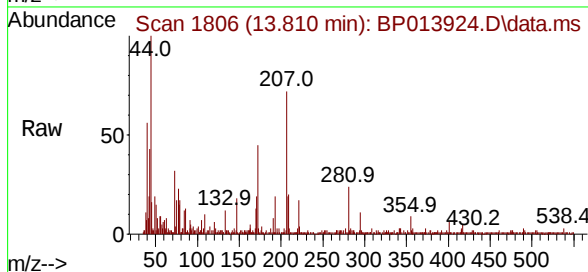




2-Nitroaniline
 Concen: 3.232 ng
 RT: 13.810 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

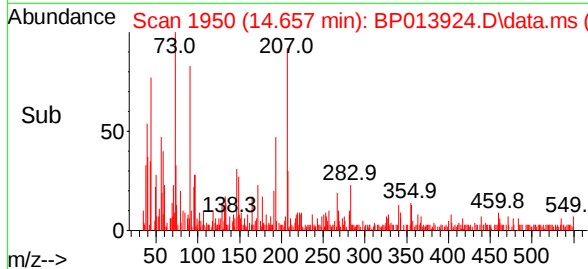
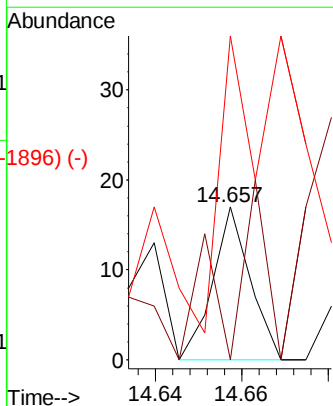
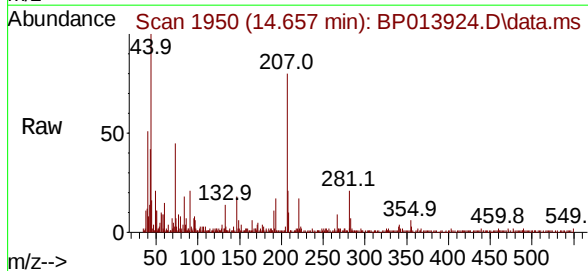
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

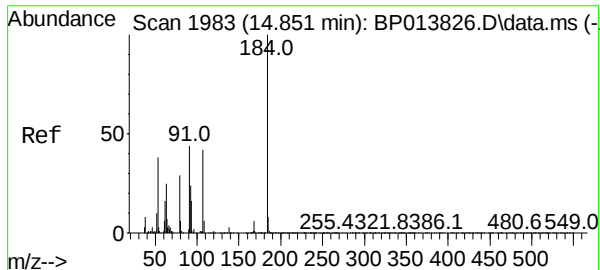
Tgt Ion:	65	Resp:	8
Ion	Ratio	Lower	Upper
65	100		
92	238.5	58.7	88.1#
138	26.9	87.3	130.9#



3-Nitroaniline
 Concen: 2.010 ng
 RT: 14.657 min Scan# 1950
 Delta R.T. 0.018 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

Tgt Ion:	138	Resp:	10
Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.0	13.4#
92	211.8	97.1	145.7#





2,4-Dinitrophenol

Concen: 5.265 ng

RT: 14.857 min Scan# 1983

Delta R.T. 0.018 min

Lab File: BP013924.D

Acq: 02 Mar 2023 16:15

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1-COMP-1

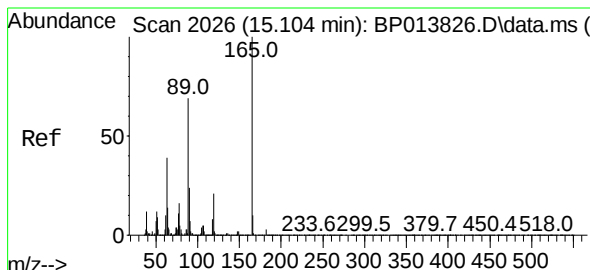
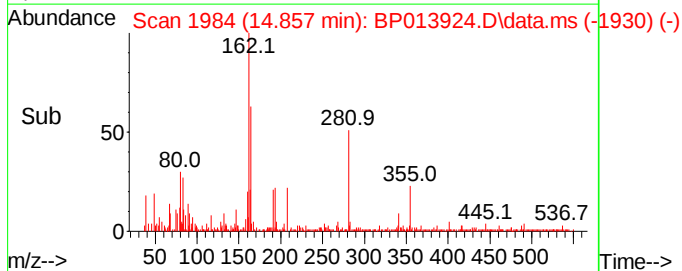
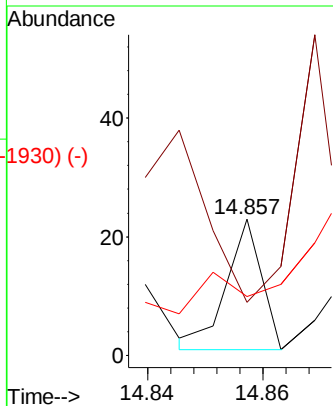
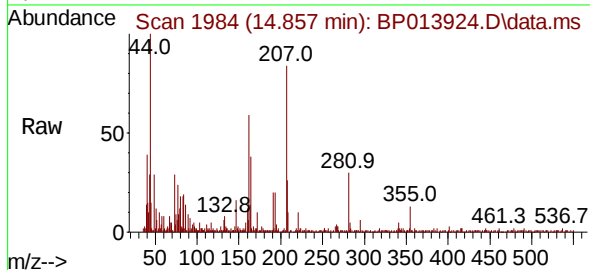
Tgt Ion:184 Resp: 9

Ion Ratio Lower Upper

184 100

63 121.7 47.0 70.4#

154 43.5 51.5 77.3#



2,4-Dinitrotoluene

Concen: 2.286 ng

RT: 15.087 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP013924.D

Acq: 02 Mar 2023 16:15

Tgt Ion:165 Resp: 29

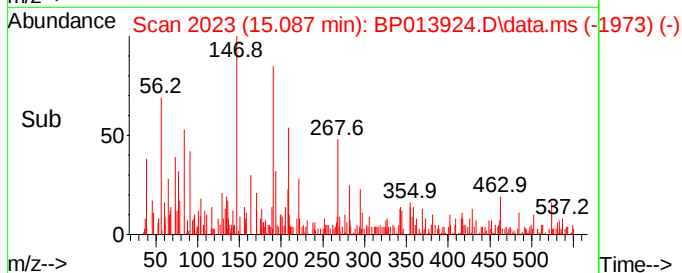
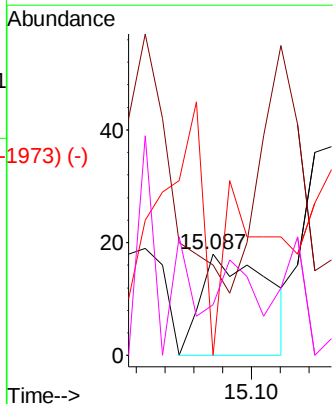
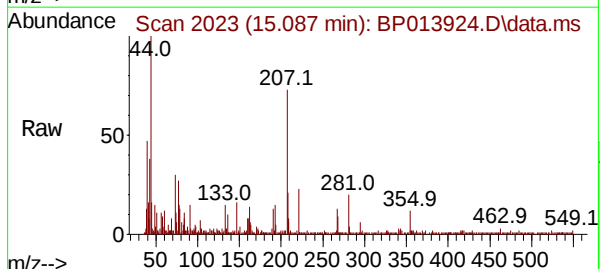
Ion Ratio Lower Upper

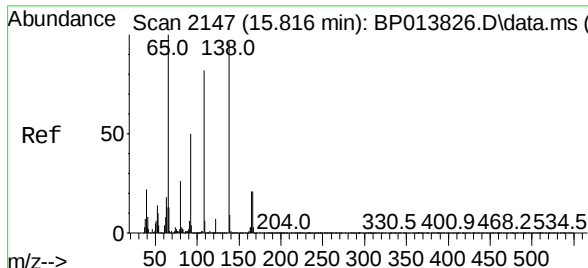
165 100

63 50.0 31.1 46.7#

89 9.4 54.9 82.3#

182 46.9 2.5 3.7#

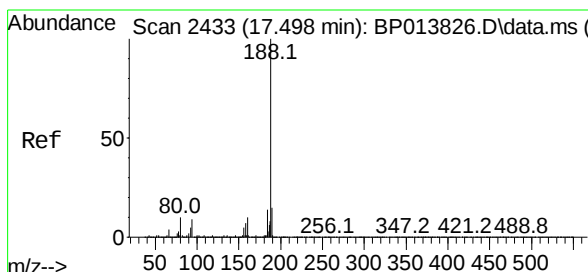
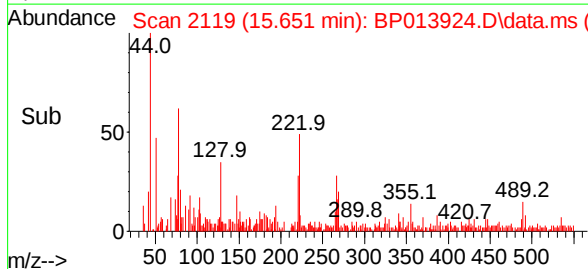
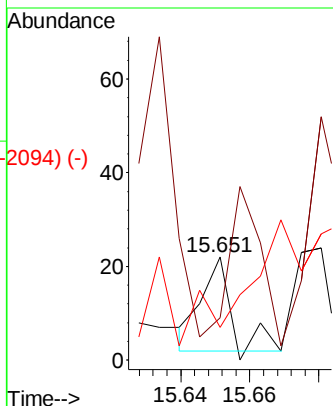
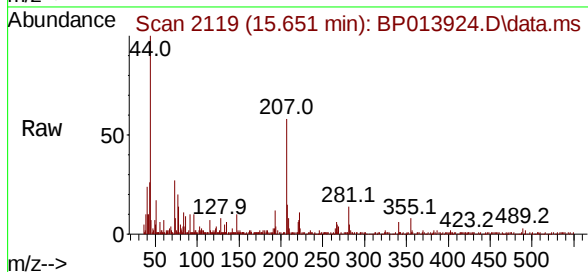




4-Nitroaniline
 Concen: 2.550 ng
 RT: 15.651 min Scan# 2147
 Delta R.T. -0.153 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

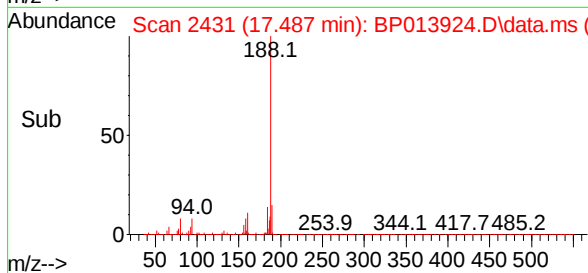
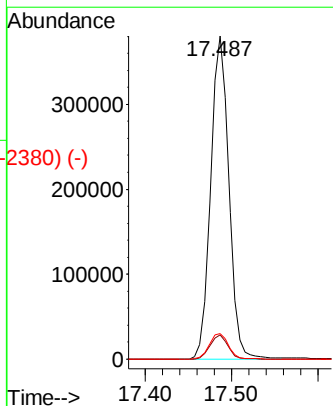
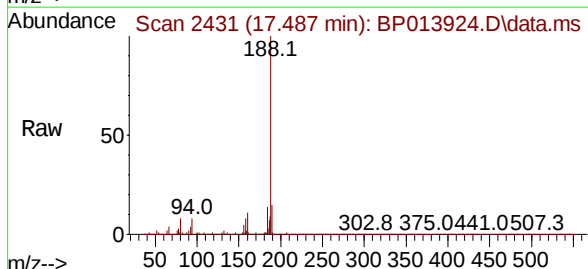
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

Tgt Ion:	138	Resp:	12
Ion	Ratio	Lower	Upper
138	100		
92	40.9	32.0	72.0
108	77.3	65.6	105.6



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.487 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

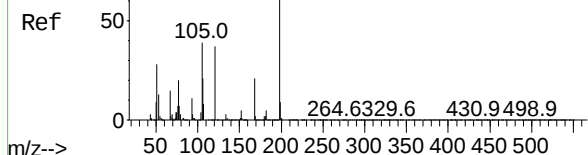
Tgt Ion:	188	Resp:	557133
Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.0	7.8	11.8



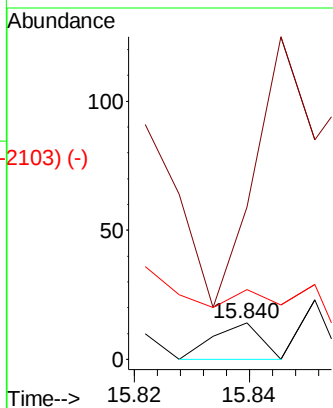
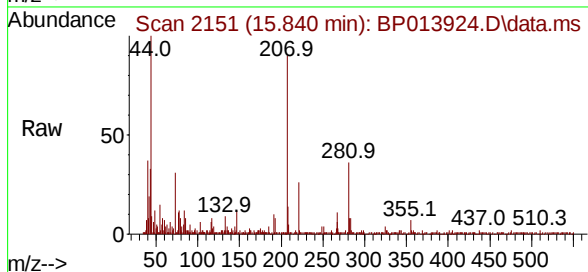
Abundance Scan 2156 (15.869 min): BP013826.D\data.ms (-2165) (-)

4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.840 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP013924.D
Acq: 02 Mar 2023 16:15

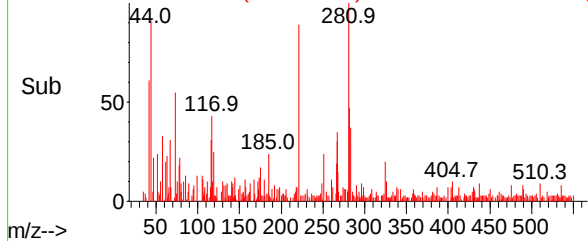
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1-COMP-1



Tgt Ion:	198	Resp:	8
Ion	Ratio	Lower	Upper
198	100		
51	421.4	14.3	54.3#
105	192.9	20.5	60.5#



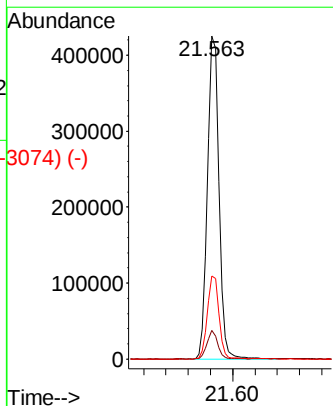
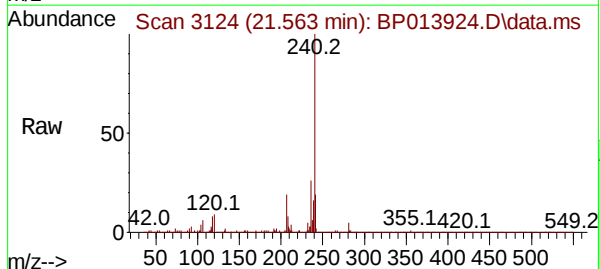
Abundance Scan 2151 (15.840 min): BP013924.D\data.ms (-2103) (-)



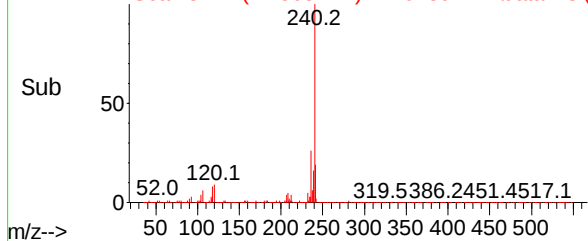
Abundance Scan 3126 (21.574 min): BP013826.D\data.ms (-3178) (-)

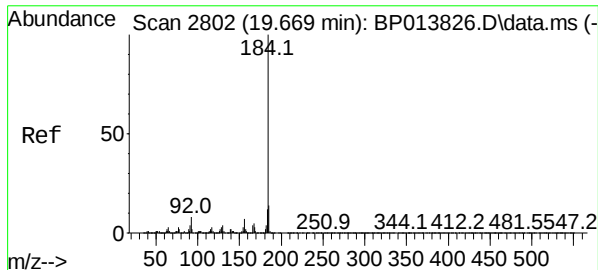
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013924.D
Acq: 02 Mar 2023 16:15

Tgt Ion:	240	Resp:	599619
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.9	11.9
236	25.7	20.9	31.3



Abundance Scan 3124 (21.563 min): BP013924.D\data.ms (-3074) (-)





Benzidine

Concen: 2.291 ng

RT: 19.669 min Scan# 2802

Delta R.T. 0.012 min

Lab File: BP013924.D

Acq: 02 Mar 2023 16:15

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1-COMP-1

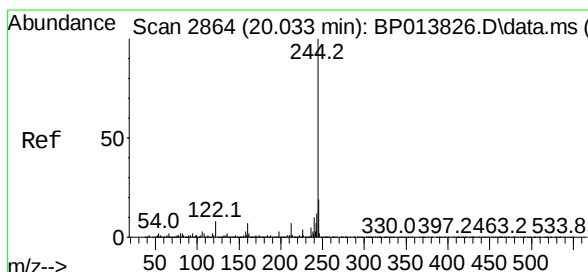
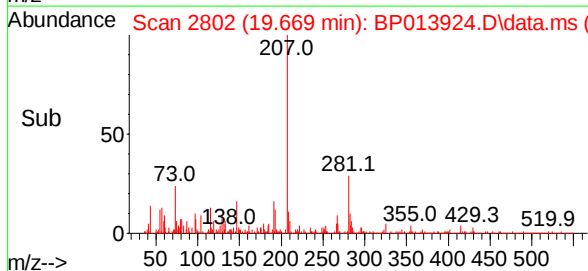
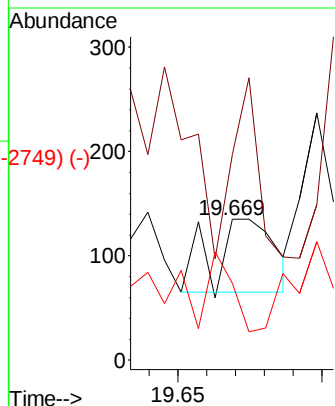
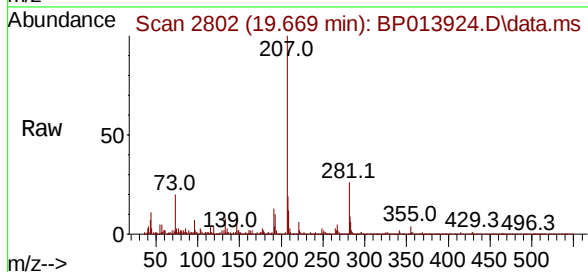
Tgt Ion:184 Resp: 104

Ion Ratio Lower Upper

184 100

185 145.9 11.4 17.0#

183 54.8 9.6 14.4#



Terphenyl-d14

Concen: 87.788 ng

RT: 20.022 min Scan# 2862

Delta R.T. 0.000 min

Lab File: BP013924.D

Acq: 02 Mar 2023 16:15

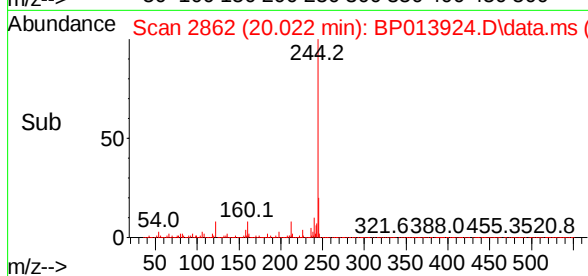
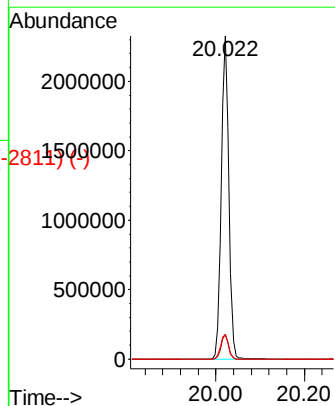
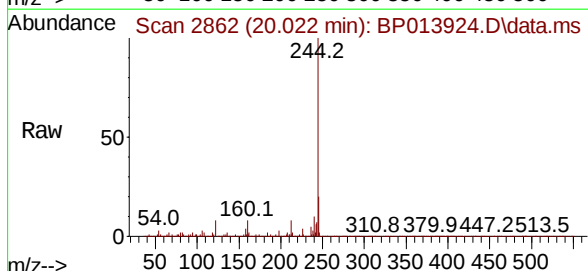
Tgt Ion:244 Resp: 2735943

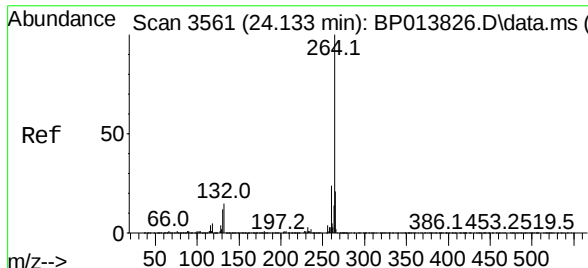
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 7.5 6.7 10.1





Perylene-d12
 Concen: 20.000 ng
 RT: 24.116 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BP013924.D
 Acq: 02 Mar 2023 16:15

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1

Tgt Ion:	264	Resp:	706488
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.3	17.6	26.4

