

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013847.D
 Acq On : 17 Feb 2023 16:14
 Operator : CG/JU
 Sample : 01582-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LEONIA-TRENCH-LINE

Quant Time: Feb 17 22:04:40 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 17 18:05:40 2023
 Response via : Initial Calibration

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

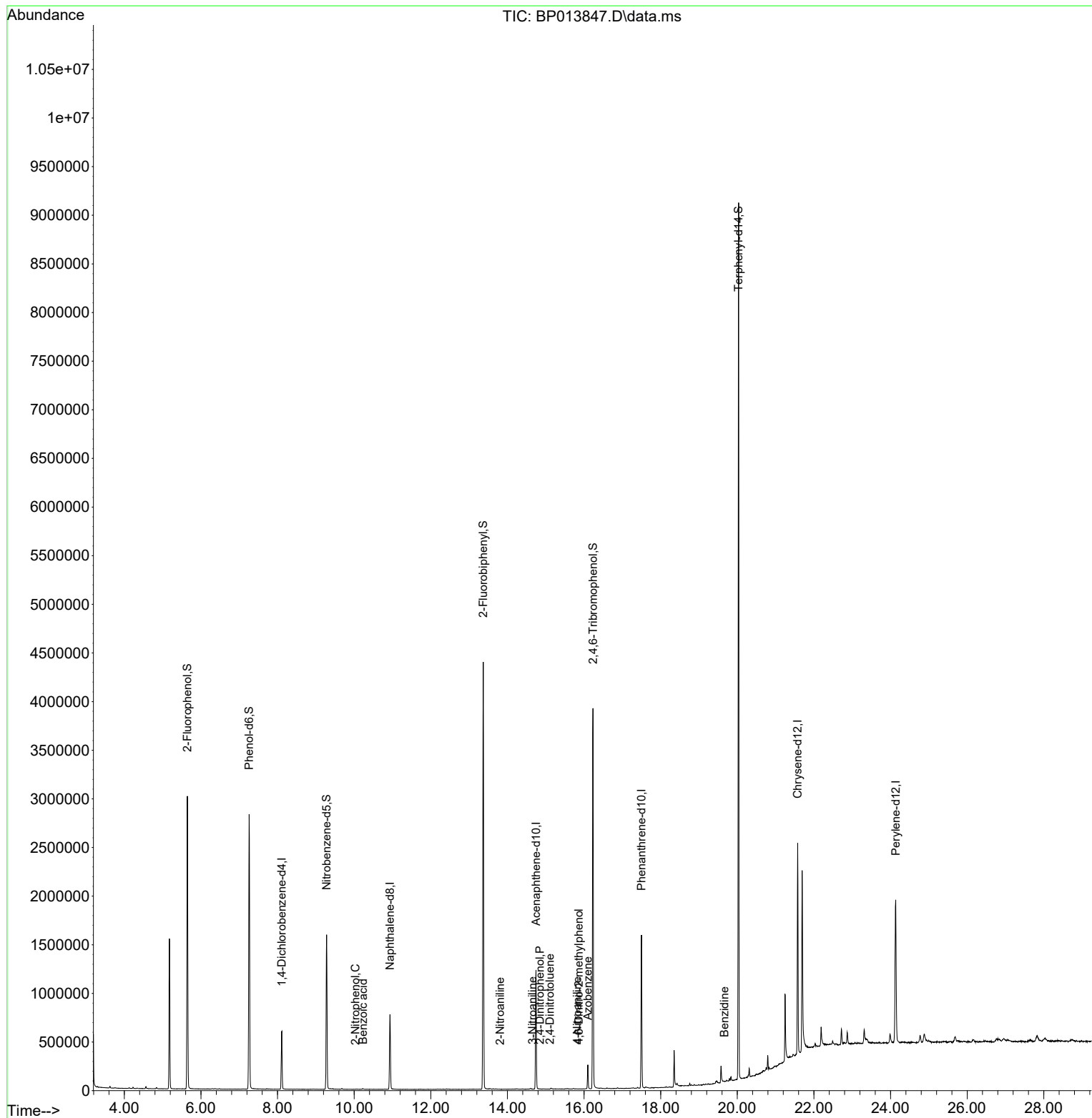
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	166740	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	631204	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	410748	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	945030	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1040109	20.000	ng	0.00
86) Perylene-d12	24.133	264	1185588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1277858	126.307	ng	0.00
7) Phenol-d6	7.257	99	1648423	127.221	ng	0.00
23) Nitrobenzene-d5	9.281	82	934318	79.932	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	780620	130.557	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2253123	72.049	ng	0.00
79) Terphenyl-d14	20.033	244	4326256	80.027	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.034	139	10	2.770	ng	# 1
32) Benzoic acid	10.228	122	87	5.086	ng	# 37
48) 2-Nitroaniline	13.804	65	67	3.239	ng	# 43
53) 3-Nitroaniline	14.651	138	34	2.012	ng	# 48
54) 2,4-Dinitrophenol	14.845	184	26	5.267	ng	# 1
57) 2,4-Dinitrotoluene	15.110	165	78	2.288	ng	# 33
62) 4-Nitroaniline	15.822	138	29	2.551	ng	# 41
63) Azobenzene	16.098	77	66344	2.250	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	30	4.628	ng	# 1
77) Benzidine	19.663	184	230	2.293	ng	# 1

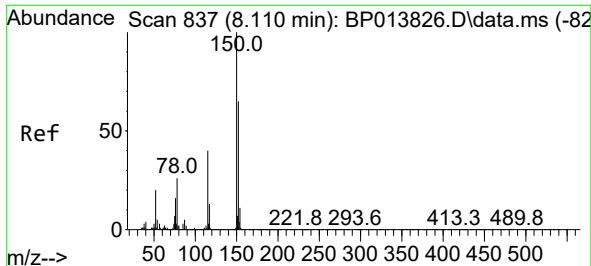
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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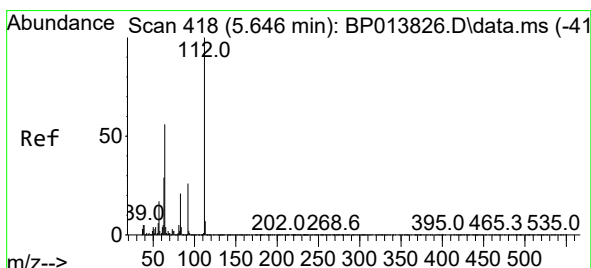
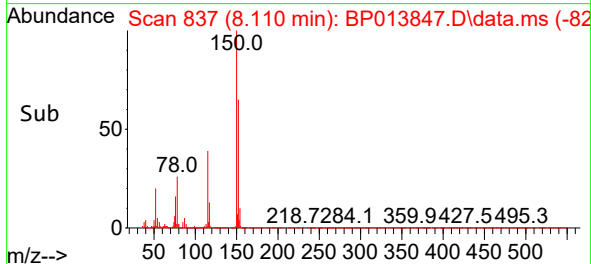
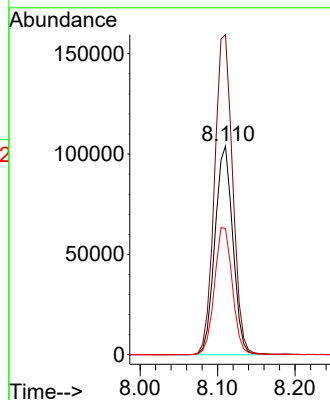
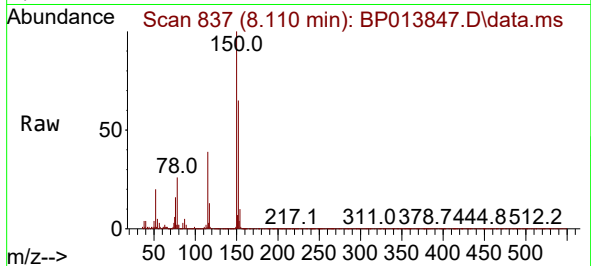




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

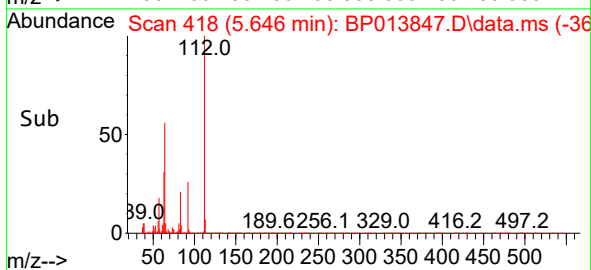
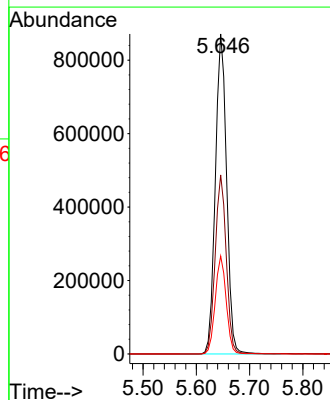
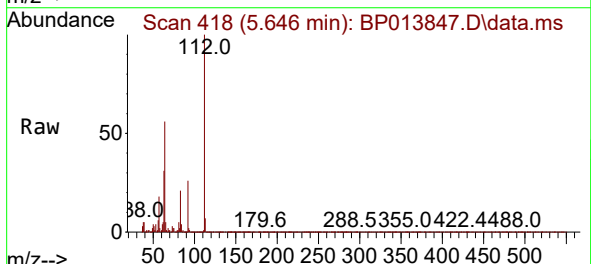
Instrument :
BNA_P
ClientSampleId :
LEONIA-TRENCH-LINE

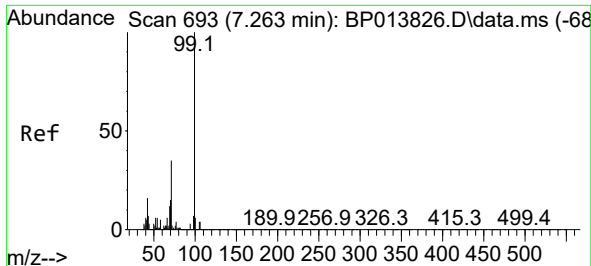
Tgt Ion:152 Resp: 166740
Ion Ratio Lower Upper
152 100
150 153.4 122.8 184.2
115 60.5 49.0 73.6



#5
2-Fluorophenol
Concen: 126.307 ng
RT: 5.646 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Tgt Ion:112 Resp: 1277858
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 30.6 23.6 35.4



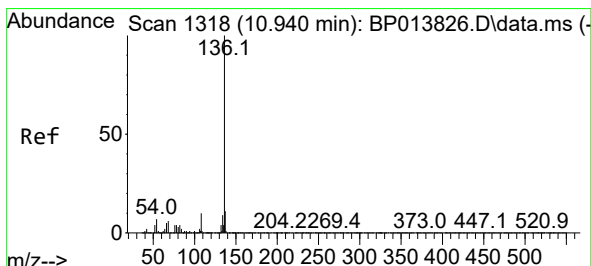
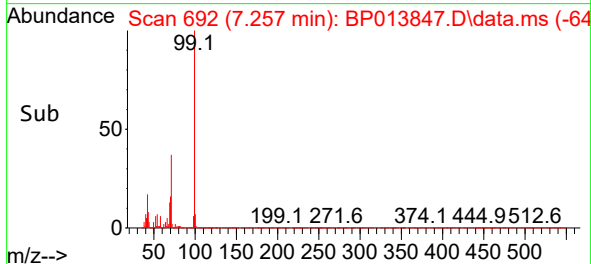
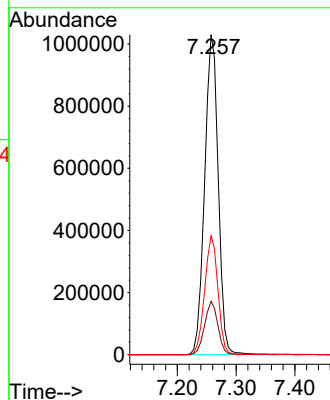
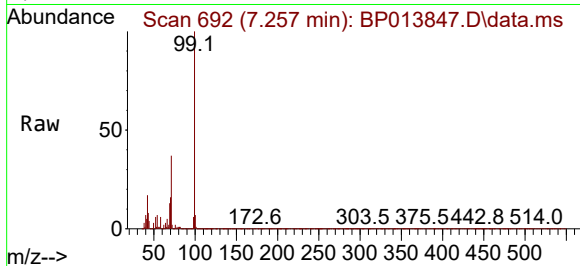


#7
Phenol-d6
Concen: 127.221 ng
RT: 7.257 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Instrument :
BNA_P
ClientSampleId :
LEONIA-TRENCH-LINE

Tgt Ion: 99 Resp: 1648423

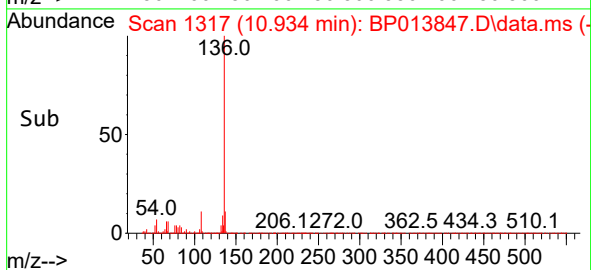
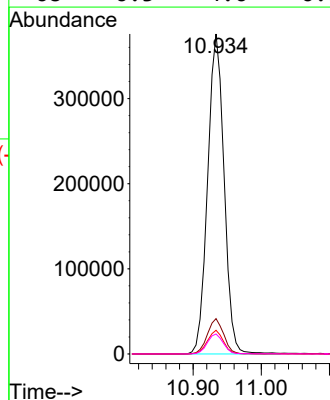
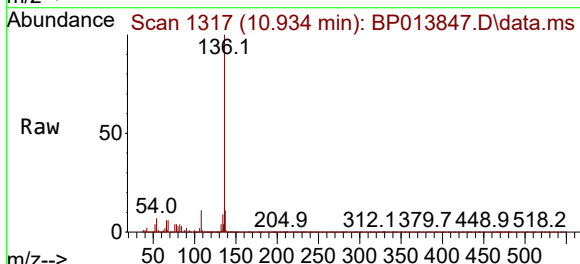
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.5	18.7
71	37.2	27.8	41.8

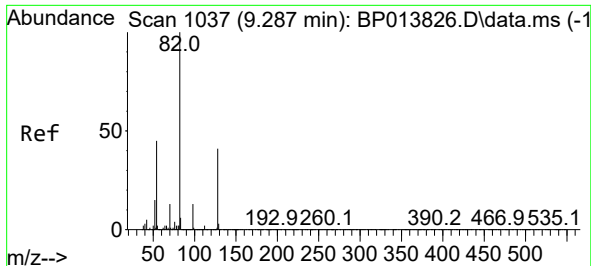


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Tgt Ion: 136 Resp: 631204

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.4	5.8	8.6
68	6.3	4.6	6.8

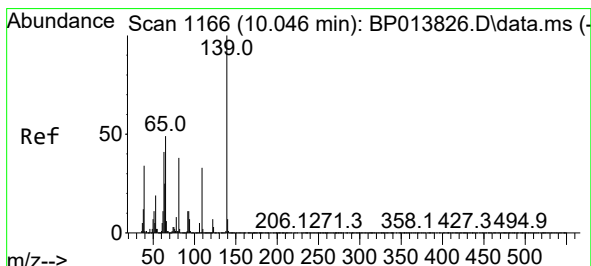
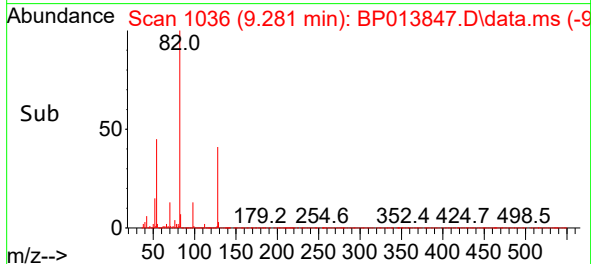
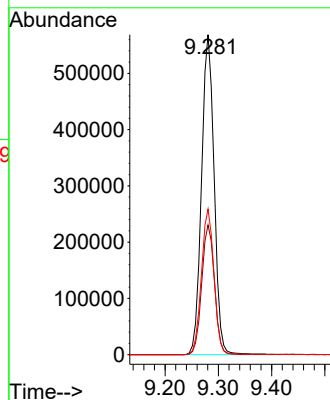
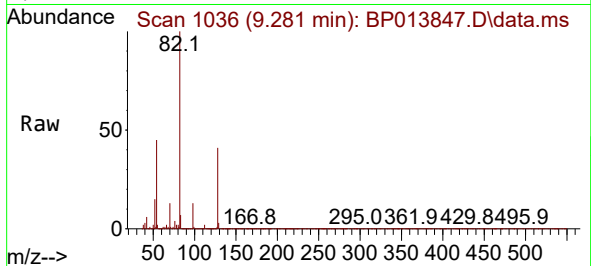




#23
Nitrobenzene-d5
Concen: 79.932 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

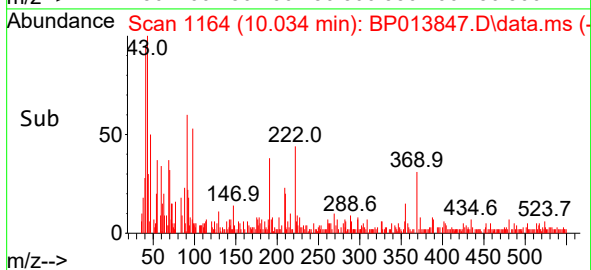
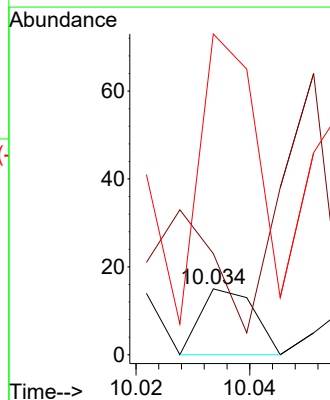
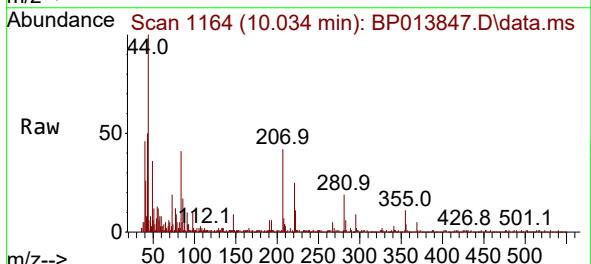
Instrument :
BNA_P
ClientSampleId :
LEONIA-TRENCH-LINE

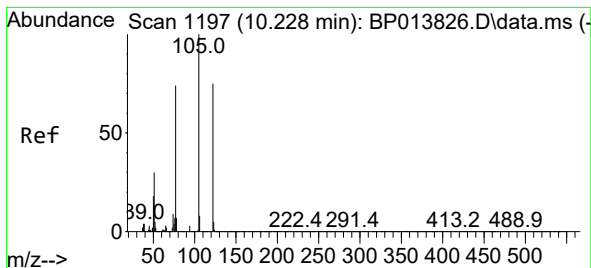
Tgt Ion: 82 Resp: 934318
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 45.5 35.6 53.4



#26
2-Nitrophenol
Concen: 2.770 ng
RT: 10.034 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 153.3 26.7 40.1#
65 486.7 39.4 59.2#





#32

Benzoic acid

Concen: 5.086 ng

RT: 10.228 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

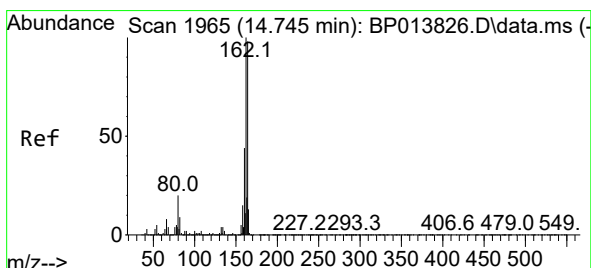
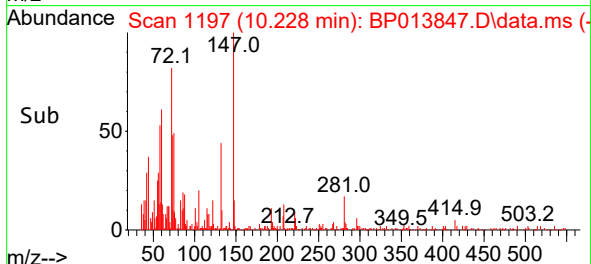
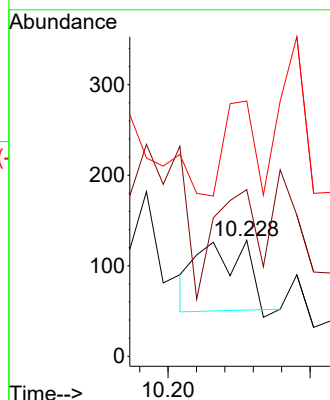
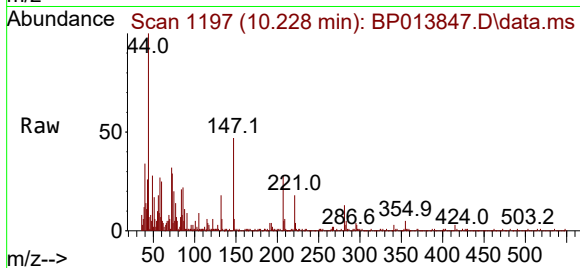
Instrument :

BNP_P

ClientSampleId :

LEONIA-TRENCH-LINE

Tgt Ion:	122	Resp:	87
Ion	Ratio	Lower	Upper
122	100		
105	143.8	107.4	147.4
77	220.3	76.0	116.0



#39

Acenaphthene-d10

Concen: 20.000 ng

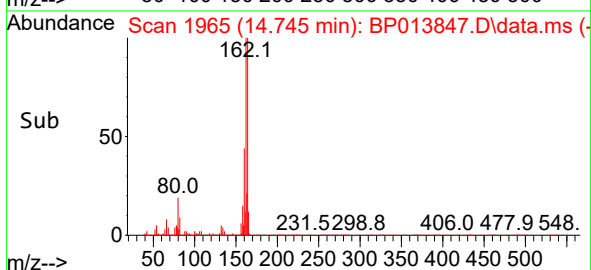
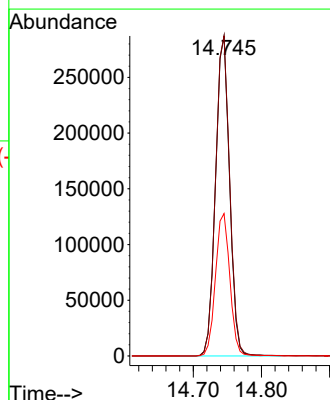
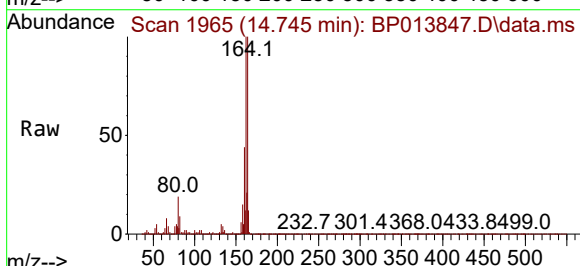
RT: 14.745 min Scan# 1965

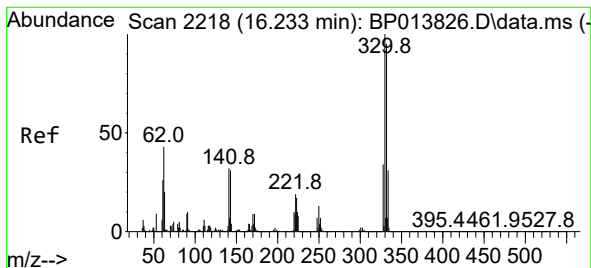
Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Tgt Ion:	164	Resp:	410748
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	44.5	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 130.557 ng

RT: 16.233 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Instrument :

BNA_P

ClientSampleId :

LEONIA-TRENCH-LINE

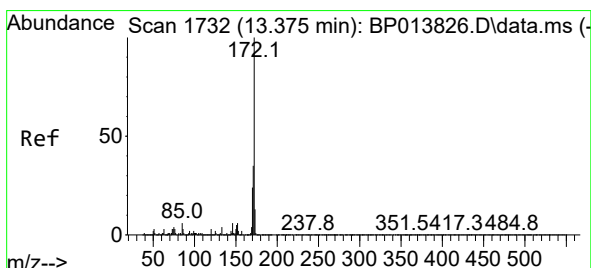
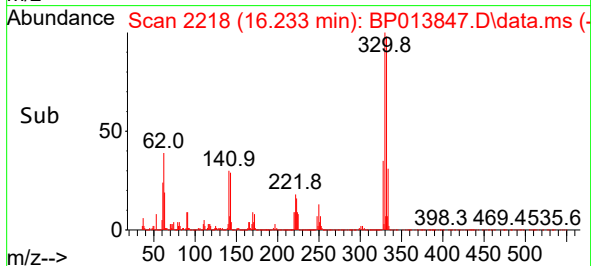
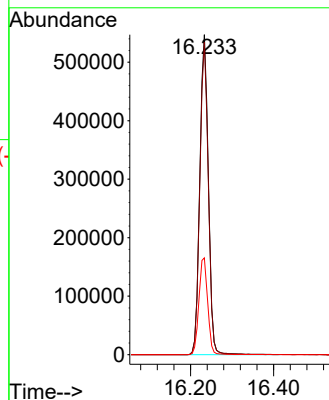
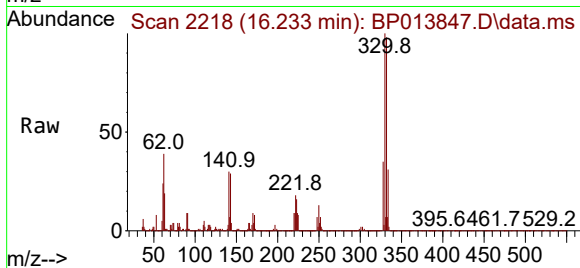
Tgt Ion:330 Resp: 780620

Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 30.9 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 72.049 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

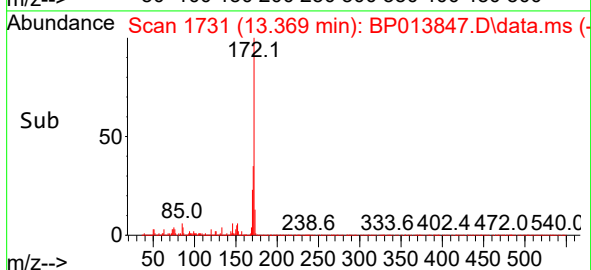
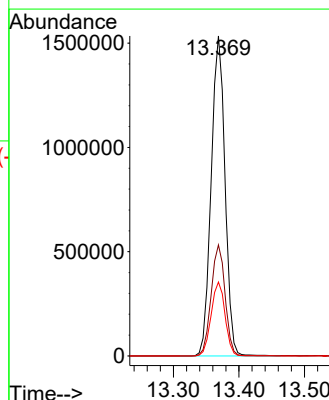
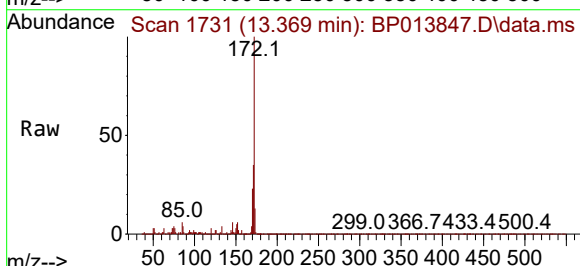
Tgt Ion:172 Resp: 2253123

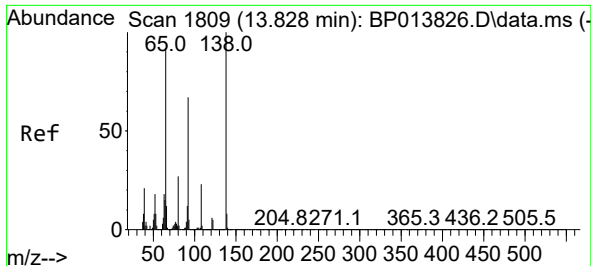
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 19.0 28.4

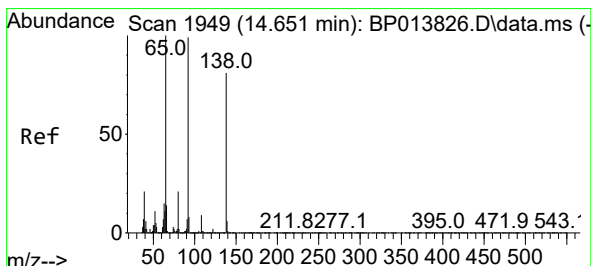
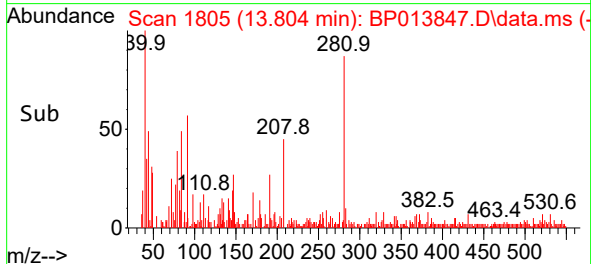
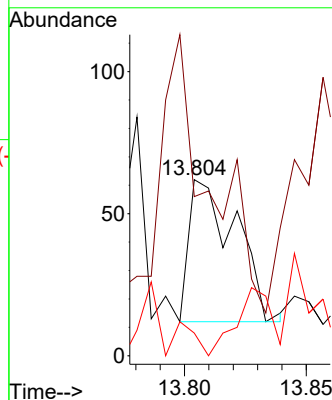
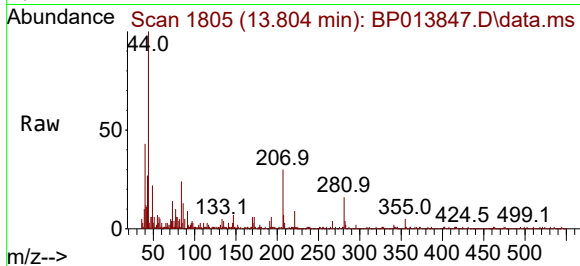




#48
2-Nitroaniline
Concen: 3.239 ng
RT: 13.804 min Scan# 1809
Delta R.T. -0.024 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

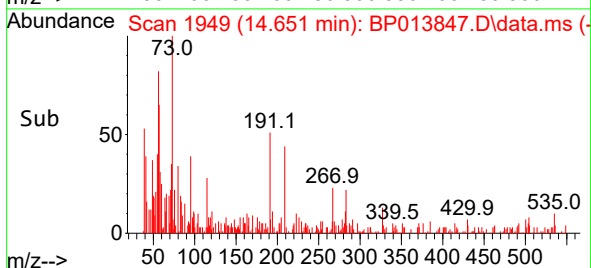
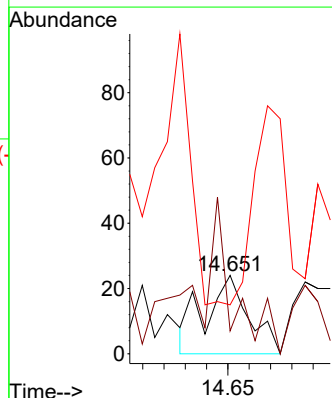
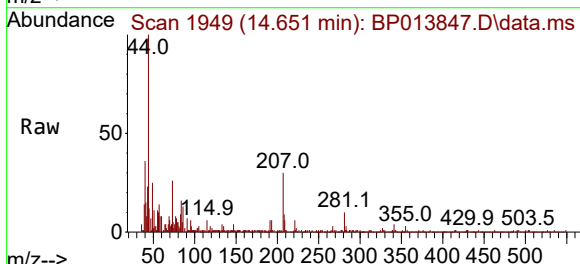
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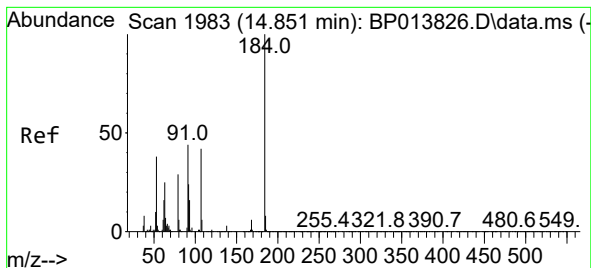
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 74.7 58.7 88.1
138 10.7 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Tgt Ion: 138 Resp: 34
Ion Ratio Lower Upper
138 100
108 29.2 9.0 13.4#
92 62.5 97.1 145.7#





#54

2,4-Dinitrophenol

Concen: 5.267 ng

RT: 14.845 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Instrument :

BNA_P

ClientSampleId :

LEONIA-TRENCH-LINE

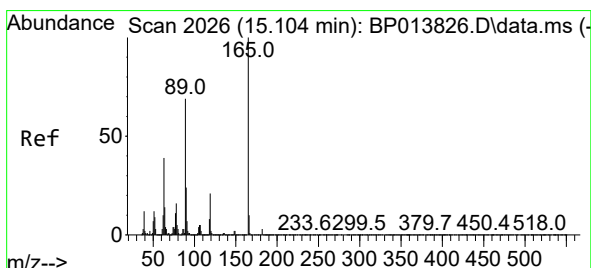
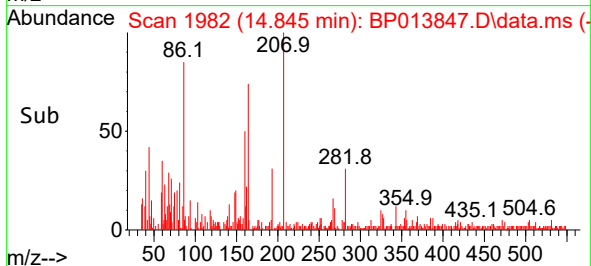
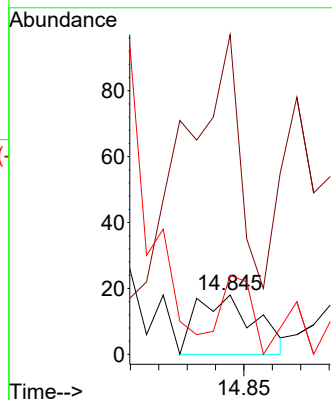
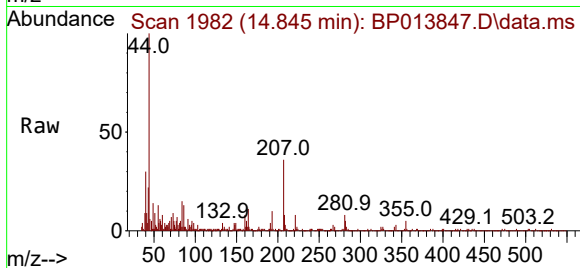
Tgt Ion:184 Resp: 26

Ion Ratio Lower Upper

184 100

63 538.9 47.0 70.4#

154 133.3 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 2.288 ng

RT: 15.110 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Tgt Ion:165 Resp: 78

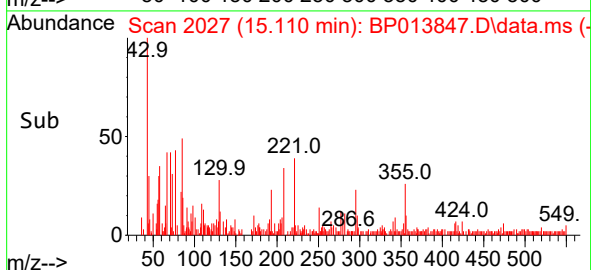
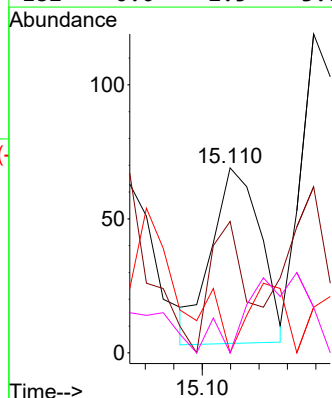
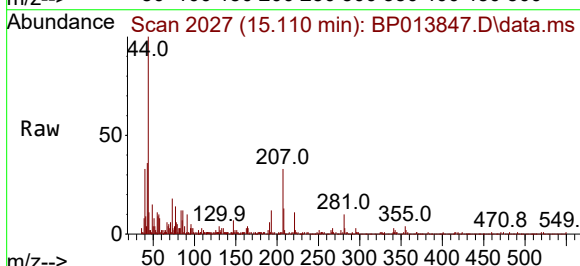
Ion Ratio Lower Upper

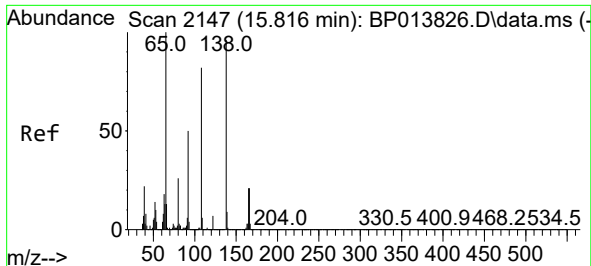
165 100

63 64.5 31.1 46.7#

89 0.0 54.9 82.3#

182 0.0 2.5 3.7#

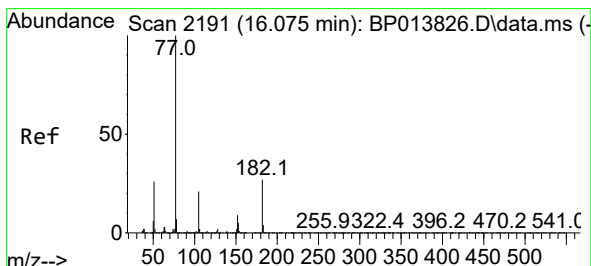
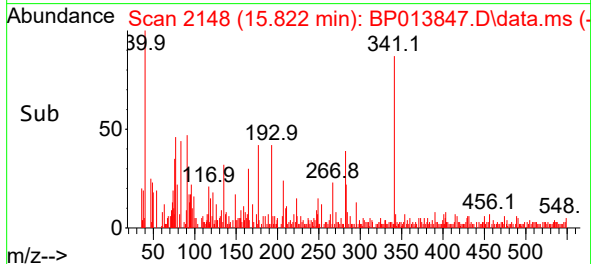
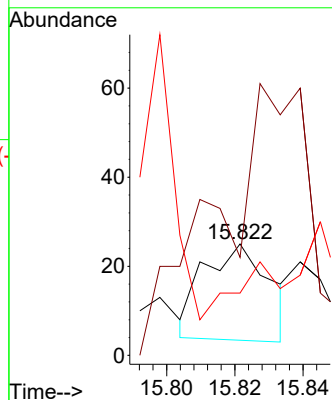
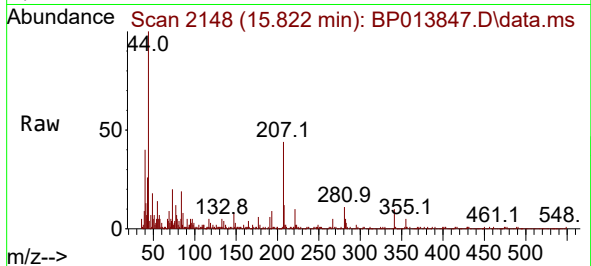




#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.822 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

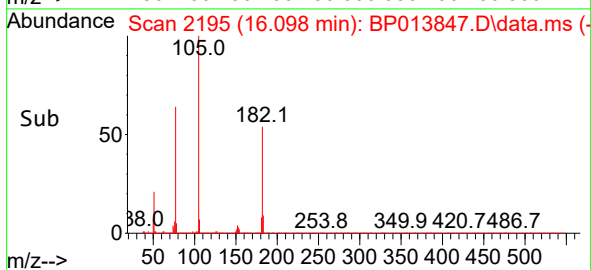
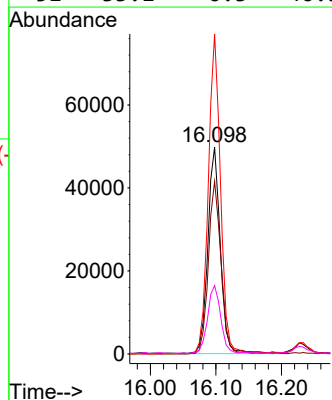
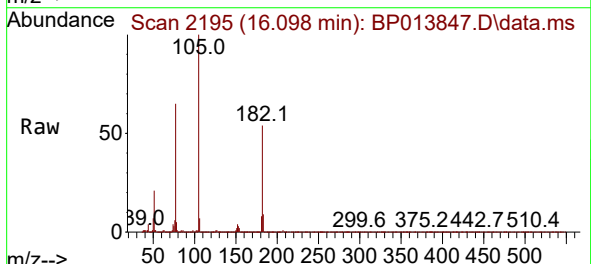
Instrument :
BNA_P
ClientSampleId :
LEONIA-TRENCH-LINE

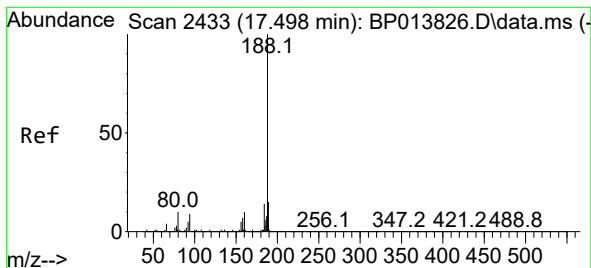
Tgt Ion:138 Resp: 29
Ion Ratio Lower Upper
138 100
92 124.0 32.0 72.0#
108 56.0 65.6 105.6#



#63
Azobenzene
Concen: 2.250 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.023 min
Lab File: BP013847.D
Acq: 17 Feb 2023 16:14

Tgt Ion: 77 Resp: 66344
Ion Ratio Lower Upper
77 100
182 83.5 6.9 46.9#
105 154.8 1.1 41.1#
51 33.1 6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Instrument :

BNA_P

ClientSampleId :

LEONIA-TRENCH-LINE

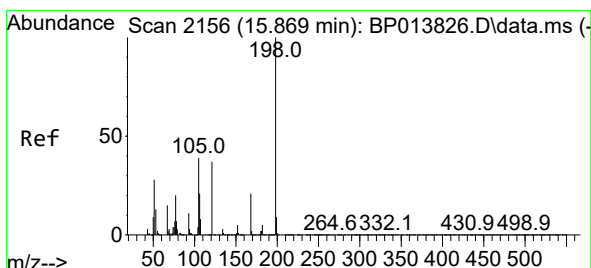
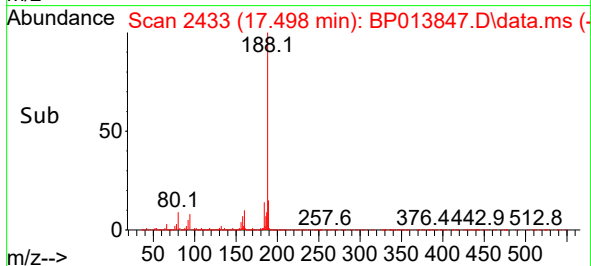
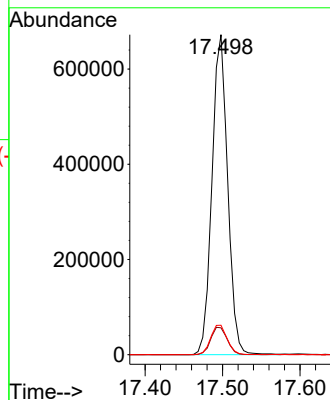
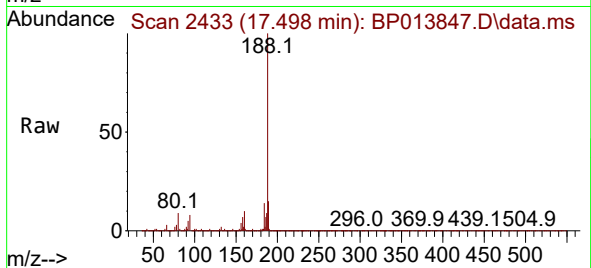
Tgt Ion:188 Resp: 945030

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.628 ng

RT: 15.863 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

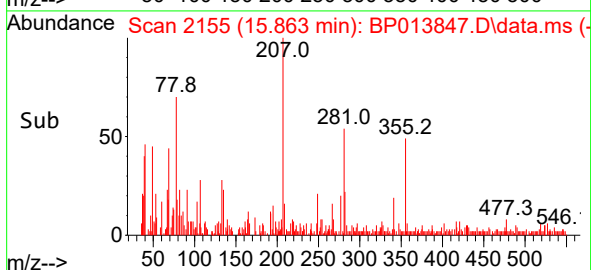
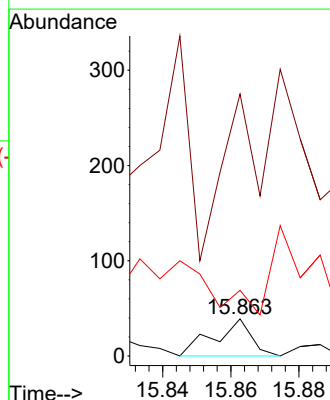
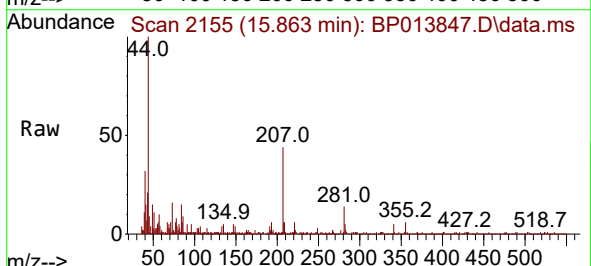
Tgt Ion:198 Resp: 30

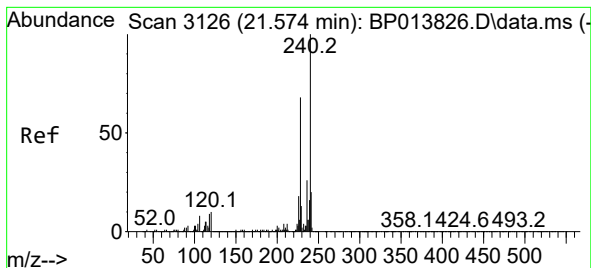
Ion Ratio Lower Upper

198 100

51 705.1 14.3 54.3#

105 176.9 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Instrument :

BNA_P

ClientSampleId :

LEONIA-TRENCH-LINE

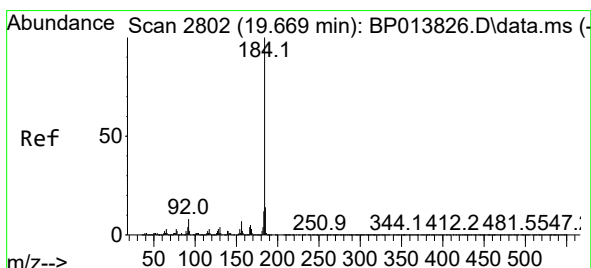
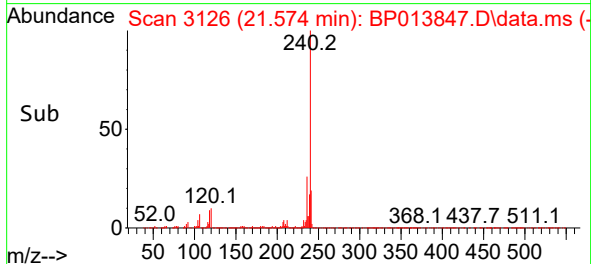
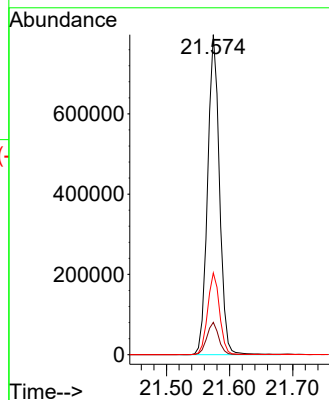
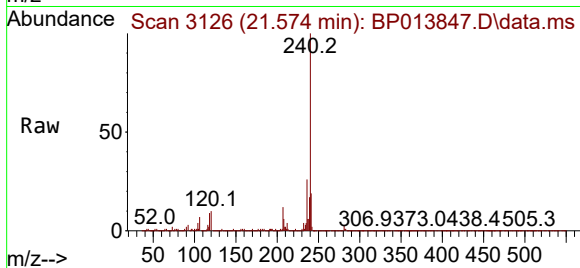
Tgt Ion:240 Resp: 1040109

Ion Ratio Lower Upper

240 100

120 10.1 7.9 11.9

236 25.5 20.9 31.3



#77

Benzidine

Concen: 2.293 ng

RT: 19.663 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

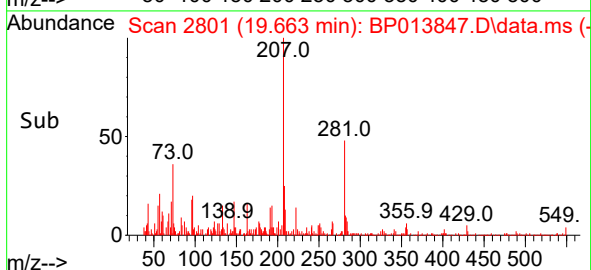
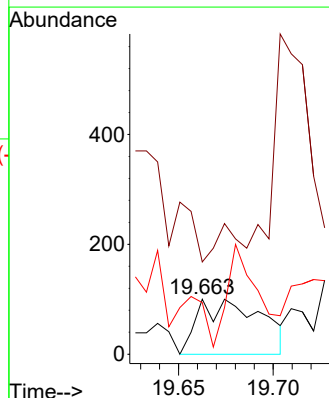
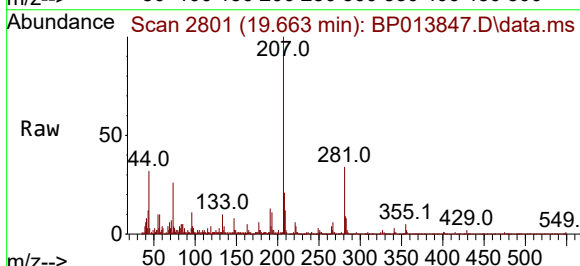
Tgt Ion:184 Resp: 230

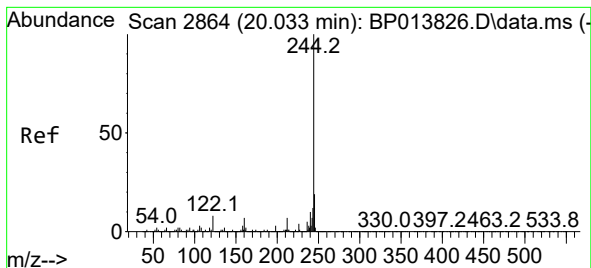
Ion Ratio Lower Upper

184 100

185 168.0 11.4 17.0#

183 94.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 80.027 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Instrument :

BNA_P

ClientSampleId :

LEONIA-TRENCH-LINE

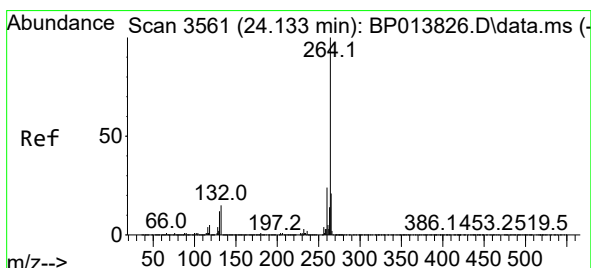
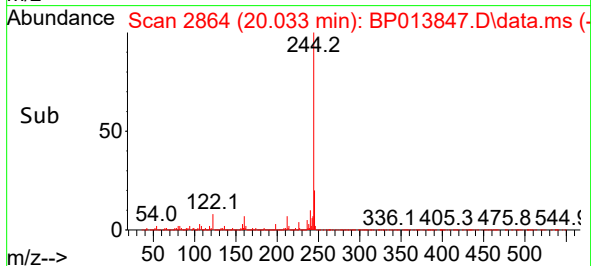
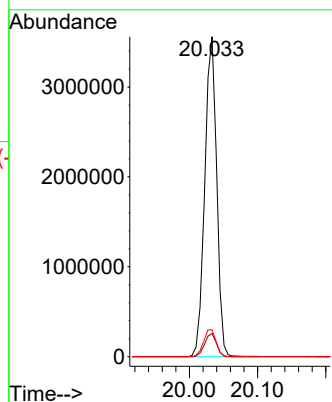
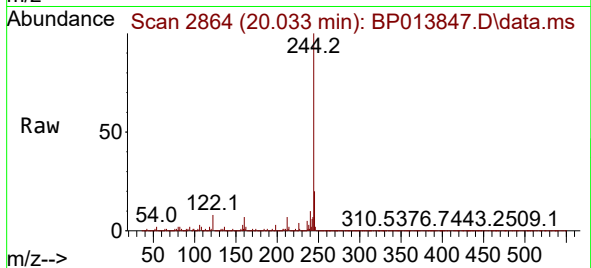
Tgt Ion:244 Resp: 4326256

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 8.4 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. -0.000 min

Lab File: BP013847.D

Acq: 17 Feb 2023 16:14

Tgt Ion:264 Resp: 1185588

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.6 17.6 26.4

