

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013839.D
 Acq On : 17 Feb 2023 11:25
 Operator : CG/JU
 Sample : PB150843TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150843TB

Quant Time: Feb 17 22:00:51 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)

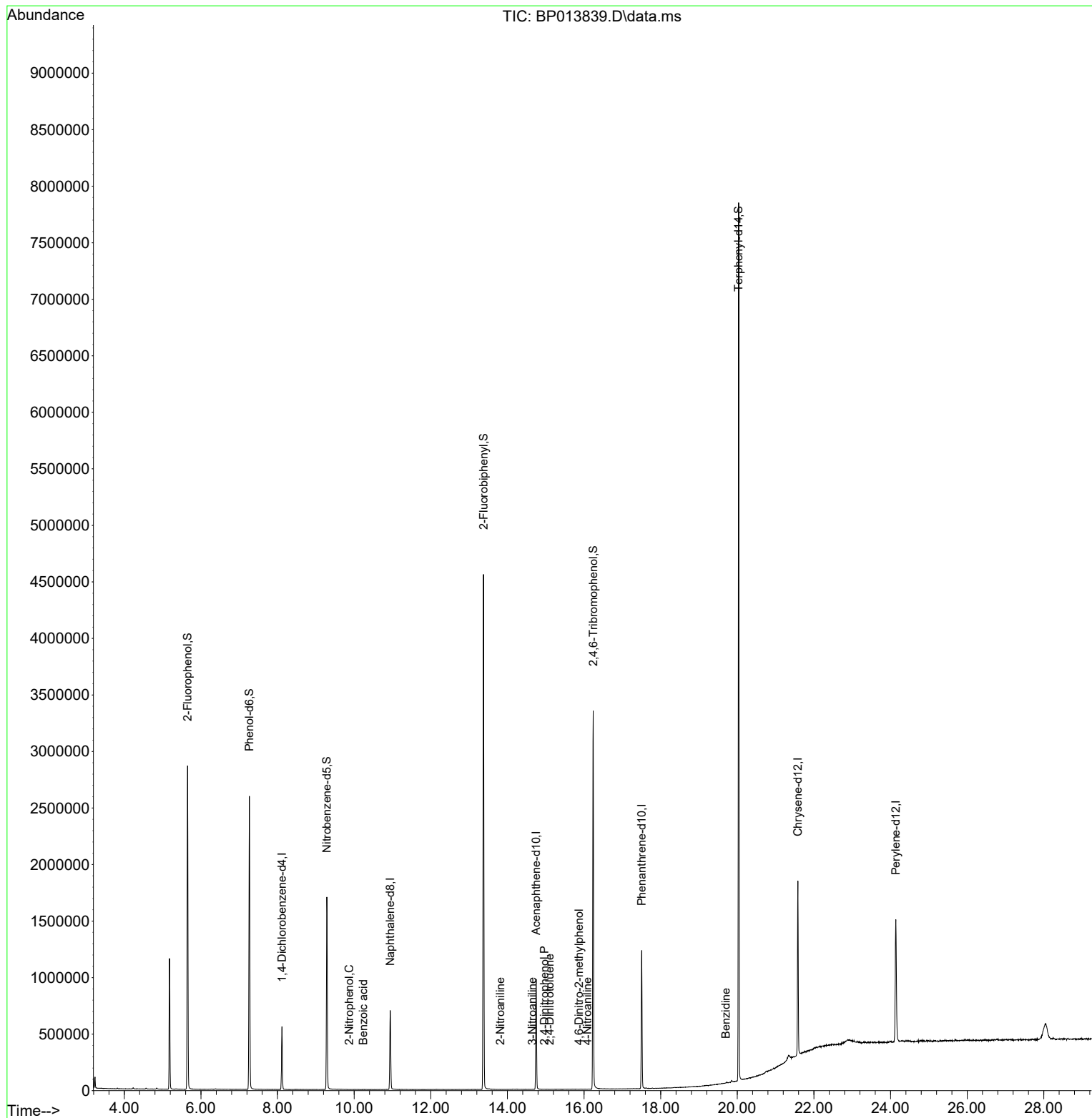
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	154188	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	587952	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	342030	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	754469	20.000	ng	0.00
76) Chrysene-d12	21.580	240	788948	20.000	ng	0.00
86) Perylene-d12	24.139	264	896497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1208003	129.123	ng	0.00
7) Phenol-d6	7.263	99	1484992	123.937	ng	0.00
23) Nitrobenzene-d5	9.287	82	981980	90.189	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	633906	127.320	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2293184	88.063	ng	0.00
79) Terphenyl-d14	20.033	244	3822216	93.212	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.869	139	23	2.772	ng	90
32) Benzoic acid	10.234	122	14	5.077	ng	# 1
48) 2-Nitroaniline	13.816	65	25	3.234	ng	# 36
53) 3-Nitroaniline	14.651	138	17	2.010	ng	# 1
54) 2,4-Dinitrophenol	14.969	184	6	5.263	ng	93
57) 2,4-Dinitrotoluene	15.104	165	51	2.287	ng	# 70
62) 4-Nitroaniline	16.087	138	32	2.552	ng	92
65) 4,6-Dinitro-2-methylph...	15.869	198	10	4.626	ng	# 1
77) Benzidine	19.698	184	404	2.307	ng	# 79

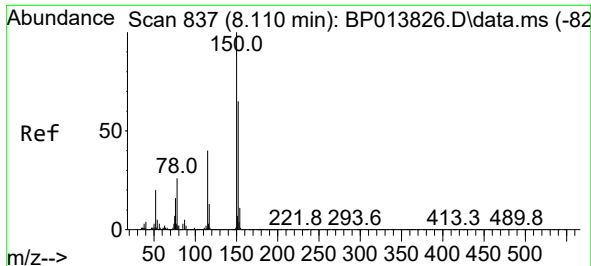
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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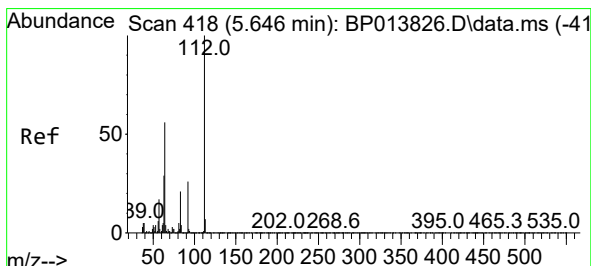
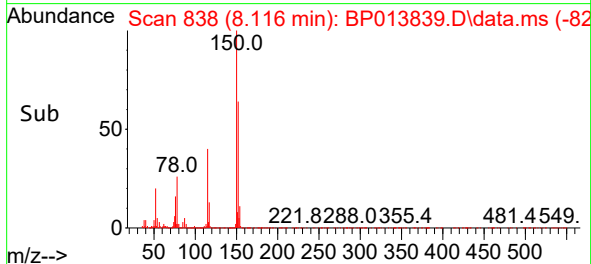
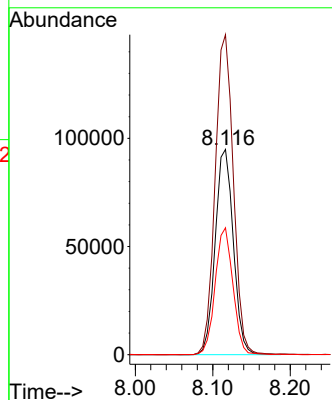
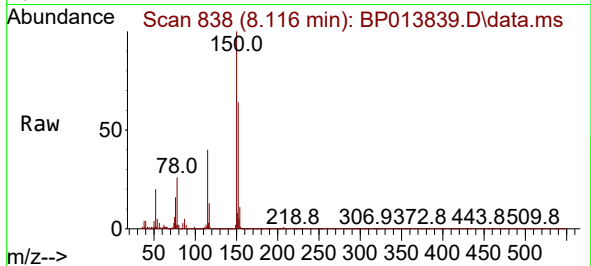




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

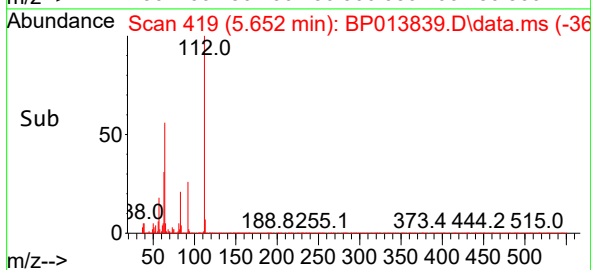
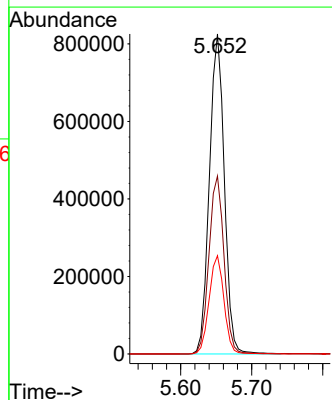
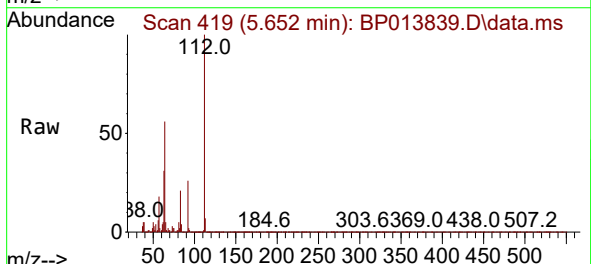
Instrument :
BNA_P
ClientSampleId :
PB150843TB

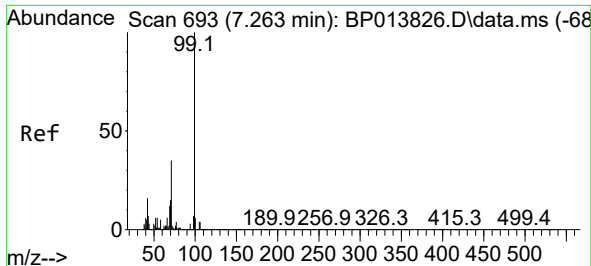
Tgt Ion:152 Resp: 154188
Ion Ratio Lower Upper
152 100
150 155.9 122.8 184.2
115 61.9 49.0 73.6



#5
2-Fluorophenol
Concen: 129.123 ng
RT: 5.652 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion:112 Resp: 1208003
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 30.7 23.6 35.4



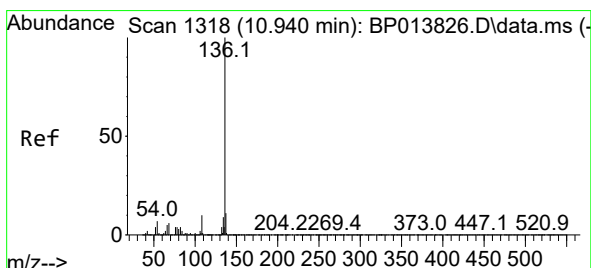
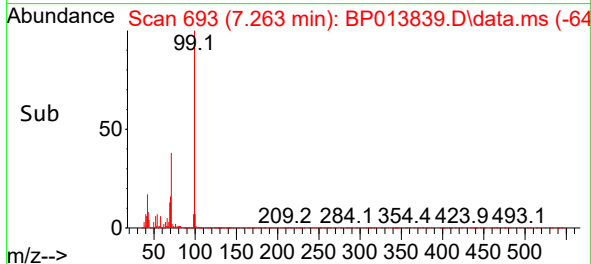
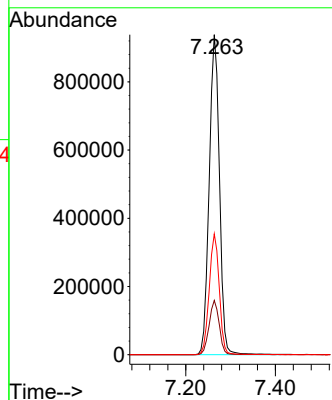
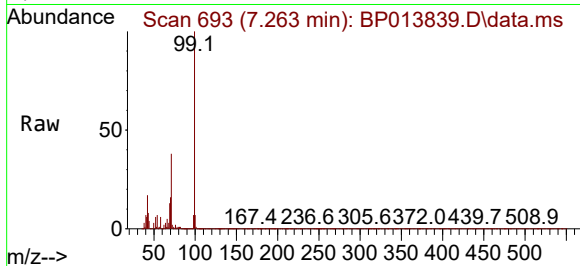


#7
Phenol-d6
Concen: 123.937 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Instrument :
BNA_P
ClientSampleId :
PB150843TB

Tgt Ion: 99 Resp: 1484992

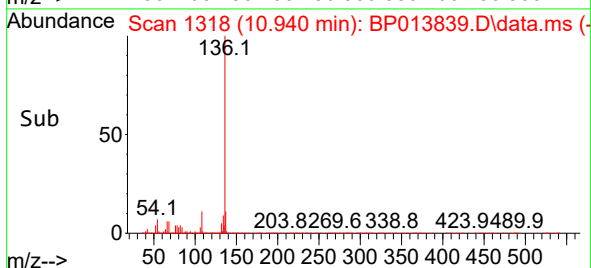
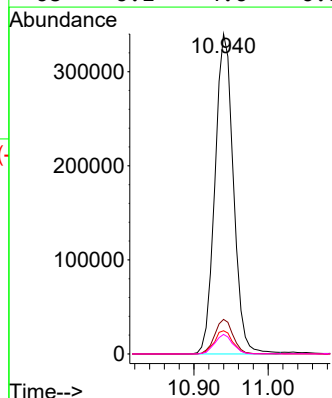
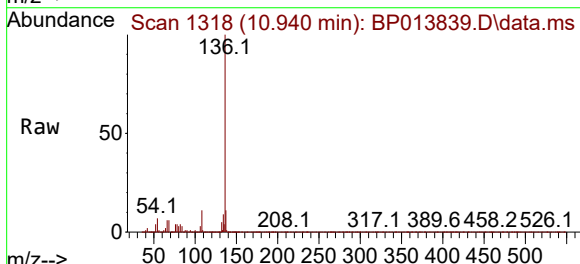
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.5	18.7
71	37.7	27.8	41.8

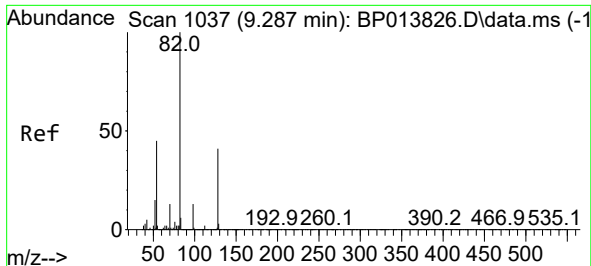


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion: 136 Resp: 587952

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.3	5.8	8.6
68	6.1	4.6	6.8

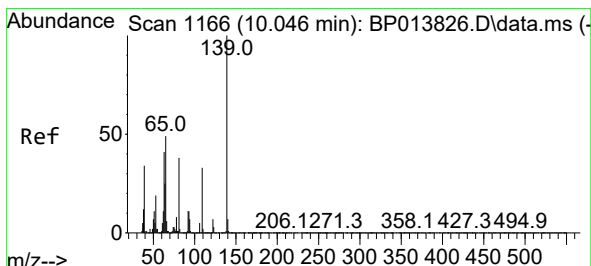
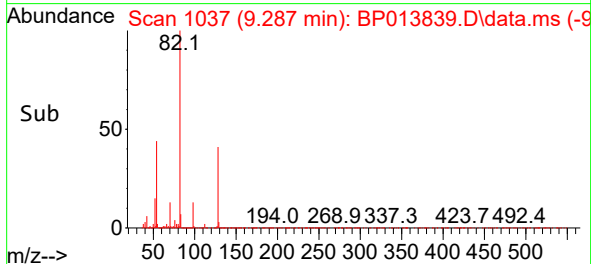
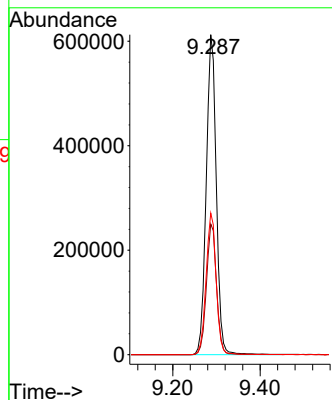
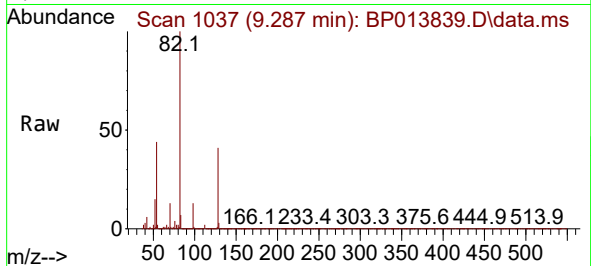




#23
Nitrobenzene-d5
Concen: 90.189 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

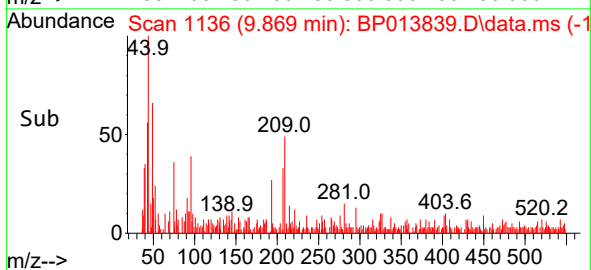
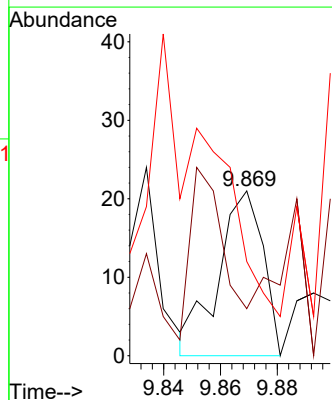
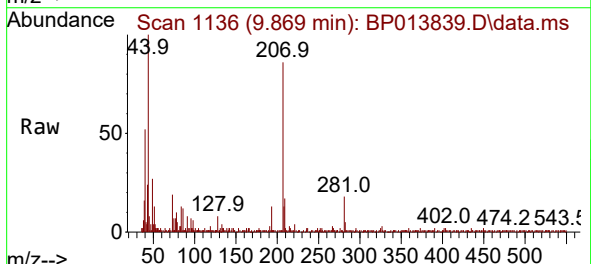
Instrument :
BNA_P
ClientSampleId :
PB150843TB

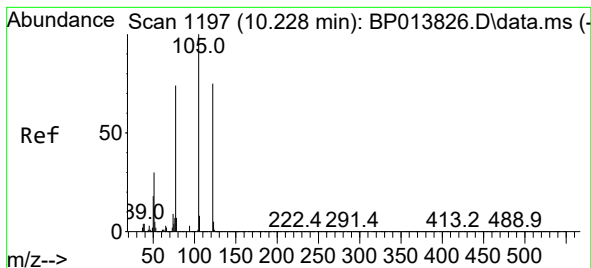
Tgt Ion: 82 Resp: 981980
Ion Ratio Lower Upper
82 100
128 40.8 32.9 49.3
54 44.3 35.6 53.4



#26
2-Nitrophenol
Concen: 2.772 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.177 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion: 139 Resp: 23
Ion Ratio Lower Upper
139 100
109 28.6 26.7 40.1
65 57.1 39.4 59.2





#32

Benzoic acid

Concen: 5.077 ng

RT: 10.234 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BP013839.D

Acq: 17 Feb 2023 11:25

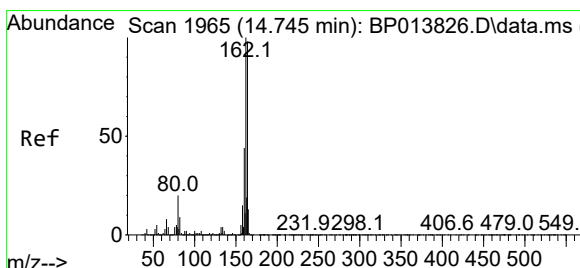
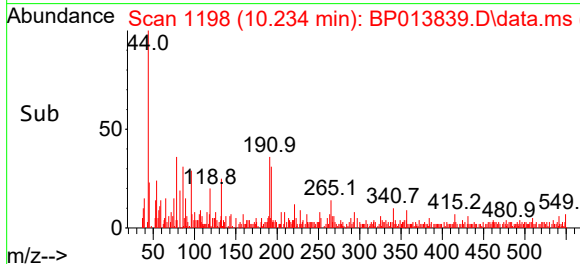
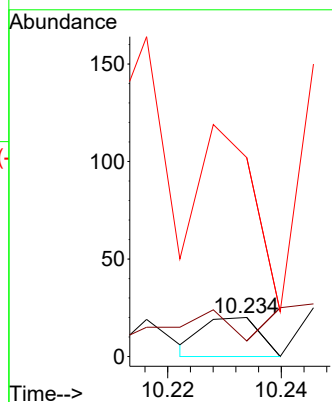
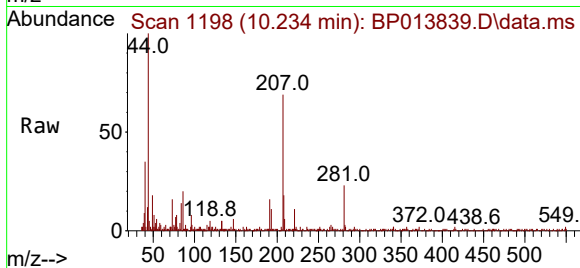
Instrument :

BNA_P

ClientSampleId :

PB150843TB

Tgt Ion:	122	Resp:	14
Ion	Ratio	Lower	Upper
122	100		
105	140.0	107.4	147.4
77	510.0	76.0	116.0



#39

Acenaphthene-d10

Concen: 20.000 ng

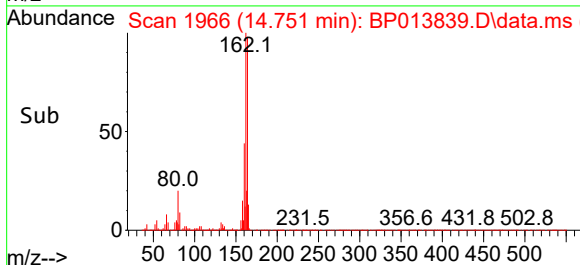
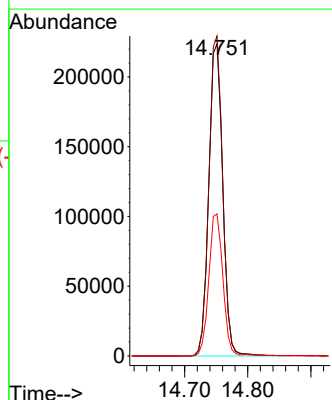
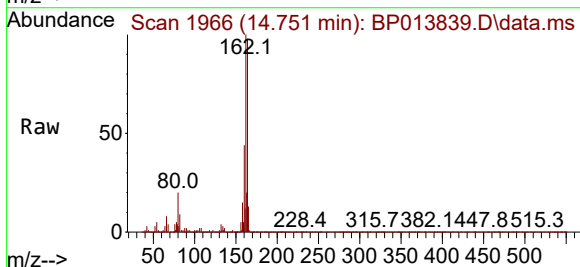
RT: 14.751 min Scan# 1966

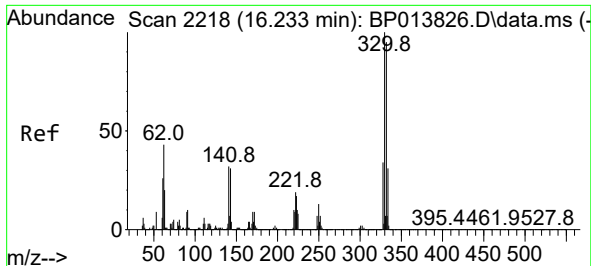
Delta R.T. 0.006 min

Lab File: BP013839.D

Acq: 17 Feb 2023 11:25

Tgt Ion:	164	Resp:	342030
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.7	122.5
160	45.5	36.1	54.1

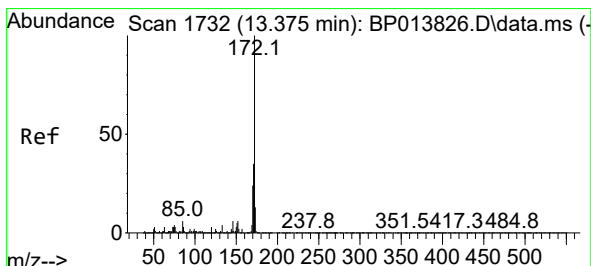
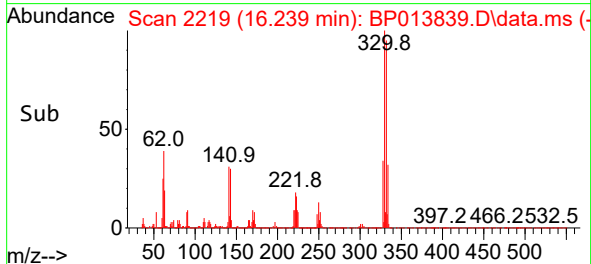
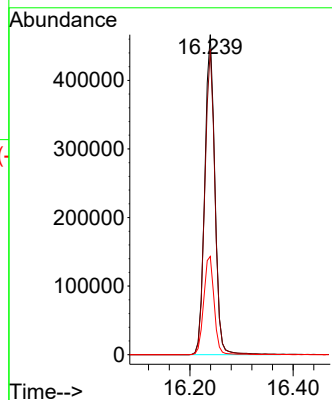
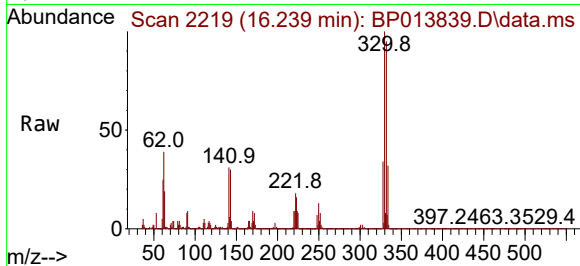




#42
2,4,6-Tribromophenol
Concen: 127.320 ng
RT: 16.239 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

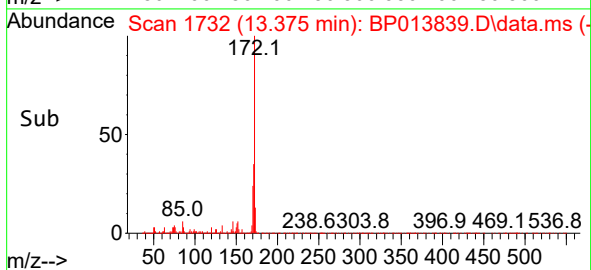
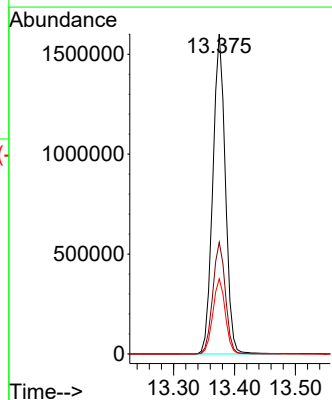
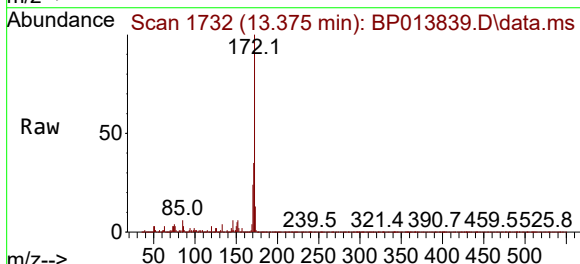
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BNA_P
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PB150843TB

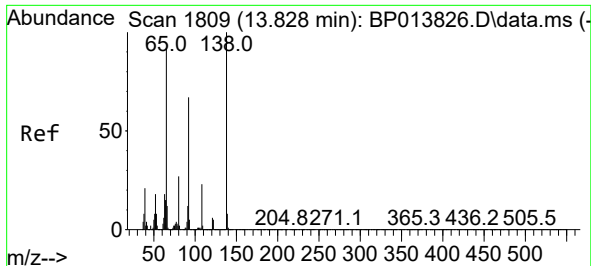
Tgt Ion:330 Resp: 633906
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 31.7 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 88.063 ng
RT: 13.375 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion:172 Resp: 2293184
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 19.0 28.4

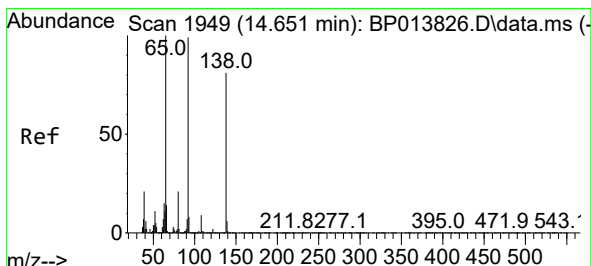
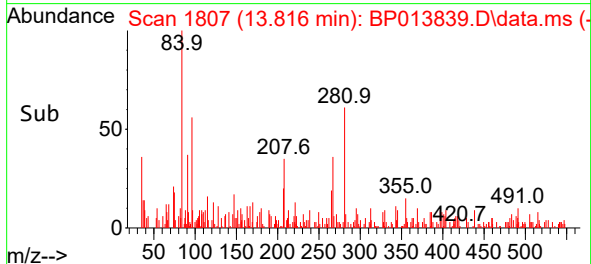
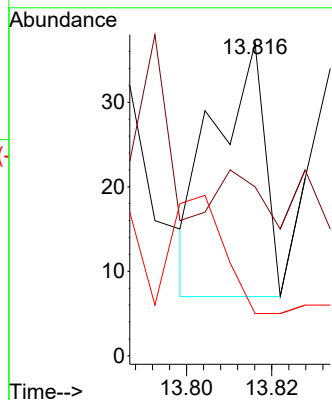
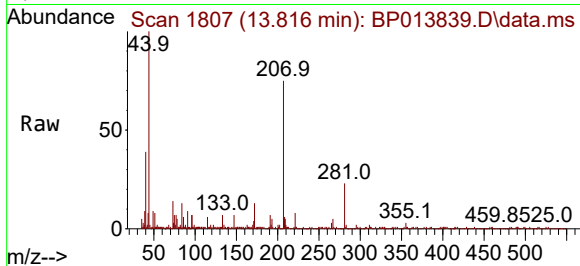




#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.816 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

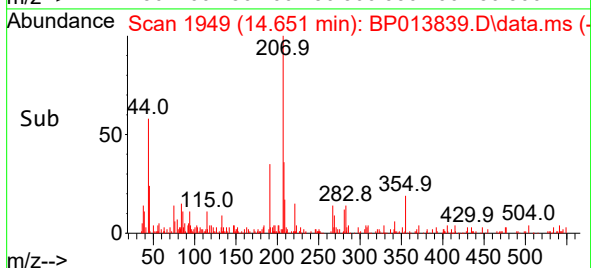
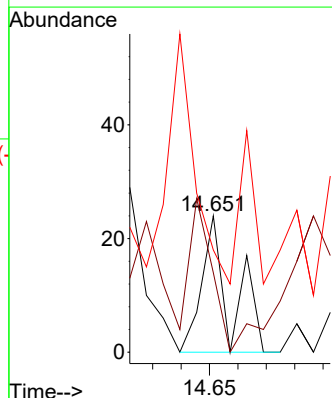
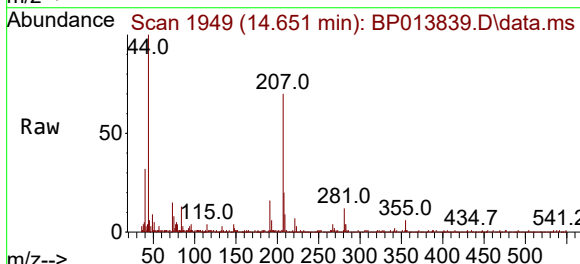
Instrument :
BNA_P
ClientSampleId :
PB150843TB

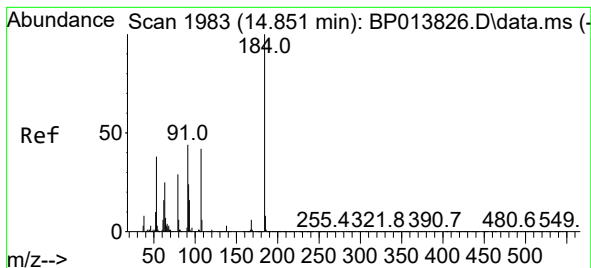
Tgt Ion: 65 Resp: 25
Ion Ratio Lower Upper
65 100
92 54.1 58.7 88.1#
138 13.5 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion: 138 Resp: 17
Ion Ratio Lower Upper
138 100
108 58.3 9.0 13.4#
92 262.5 97.1 145.7#





#54

2,4-Dinitrophenol

Concen: 5.263 ng

RT: 14.969 min Scan# 2003

Delta R.T. 0.118 min

Lab File: BP013839.D

Acq: 17 Feb 2023 11:25

Instrument :

BNA_P

ClientSampleId :

PB150843TB

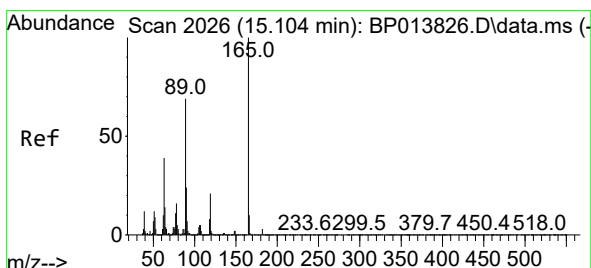
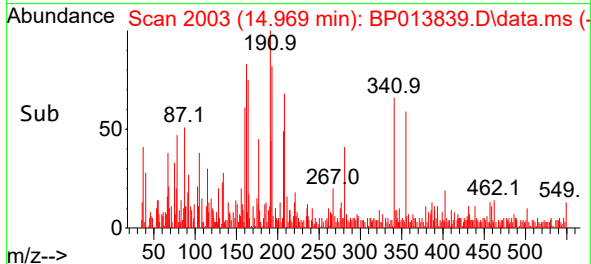
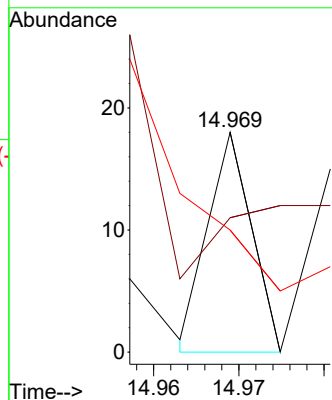
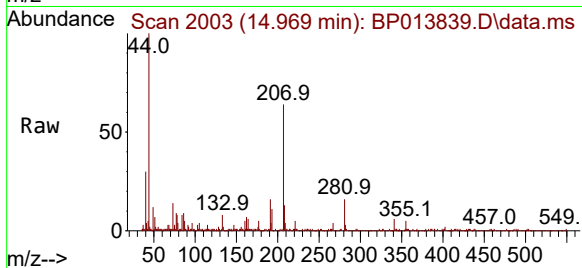
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 61.1 47.0 70.4

154 55.6 51.5 77.3



#57

2,4-Dinitrotoluene

Concen: 2.287 ng

RT: 15.104 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP013839.D

Acq: 17 Feb 2023 11:25

Tgt Ion:165 Resp: 51

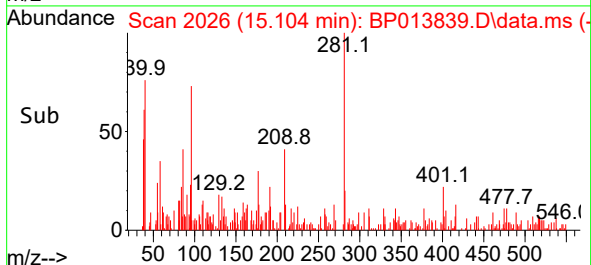
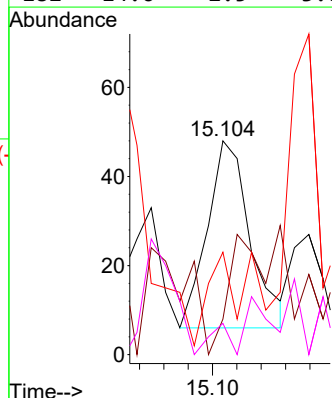
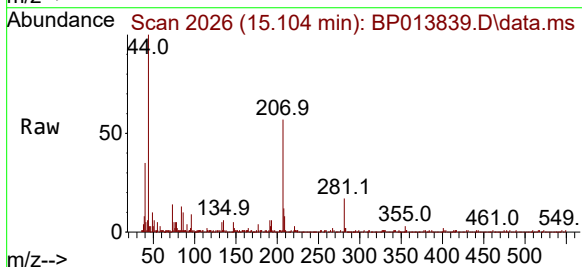
Ion Ratio Lower Upper

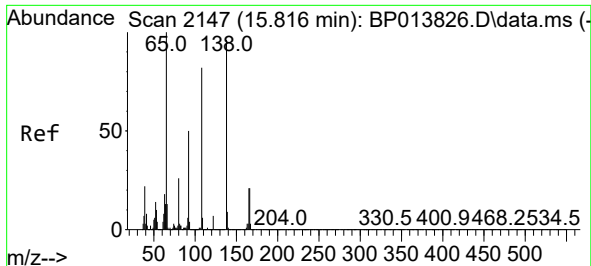
165 100

63 16.7 31.1 46.7#

89 47.9 54.9 82.3#

182 14.6 2.5 3.7#

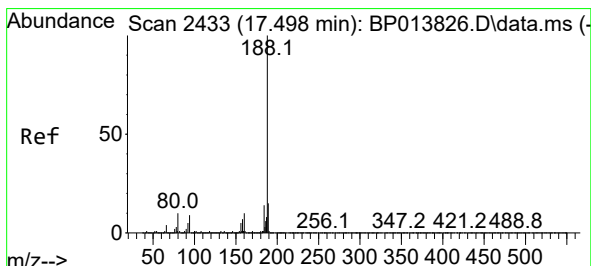
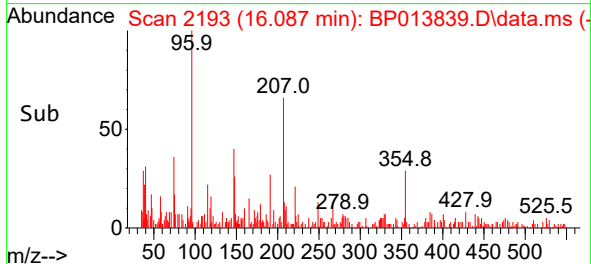
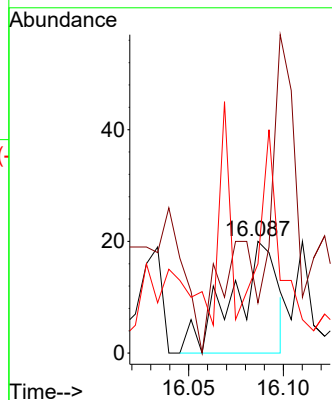
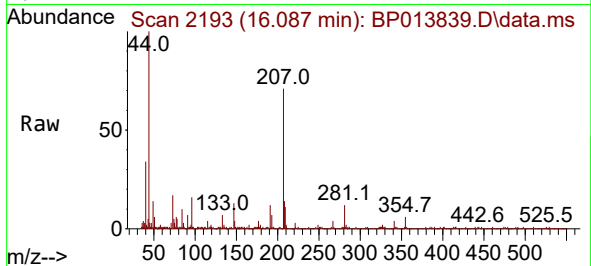




#62
4-Nitroaniline
Concen: 2.552 ng
RT: 16.087 min Scan# 2147
Delta R.T. 0.271 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

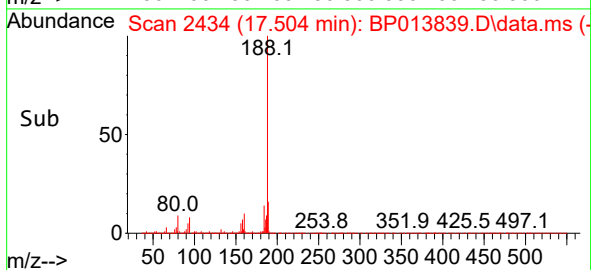
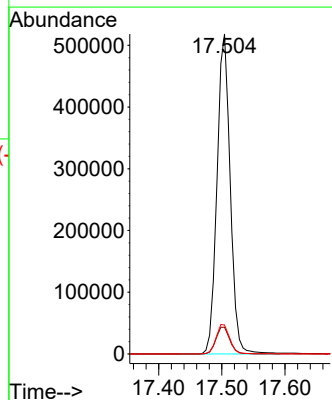
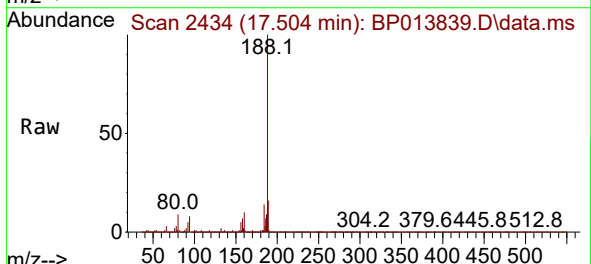
Instrument :
BNA_P
ClientSampleId :
PB150843TB

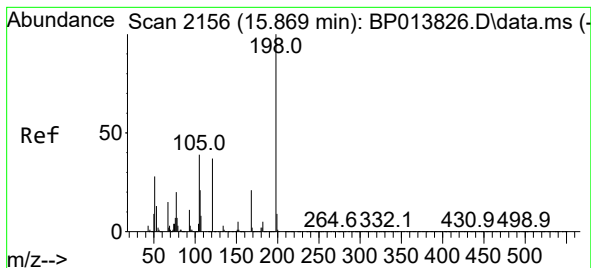
Tgt Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
92 45.0 32.0 72.0
108 80.0 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion:188 Resp: 754469
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.1 7.8 11.8

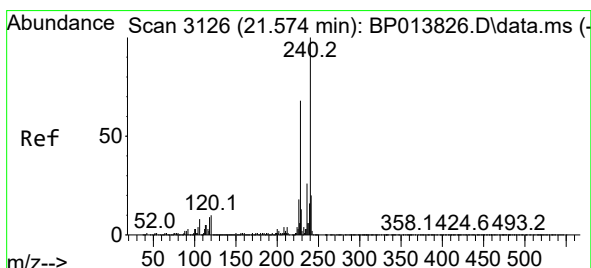
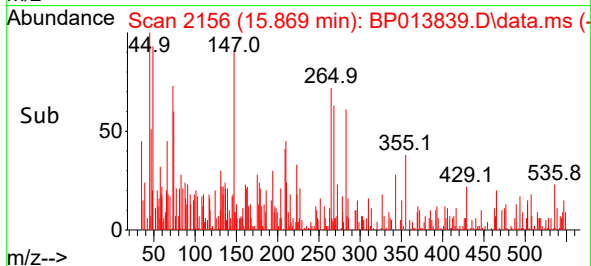
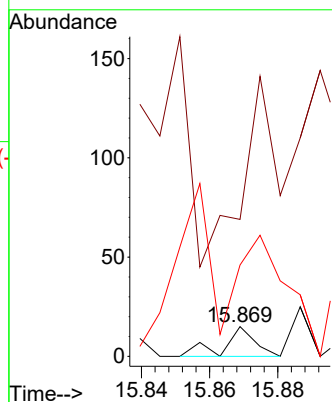
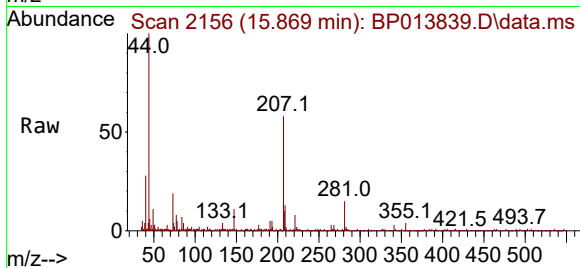




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

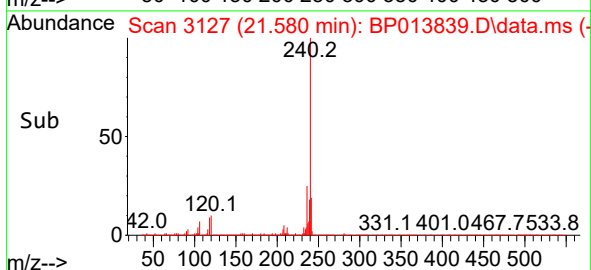
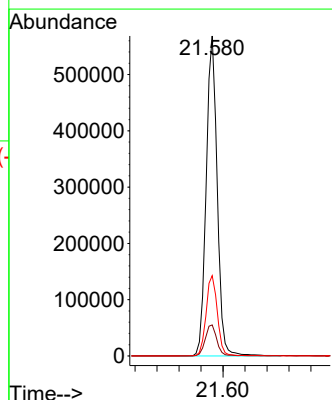
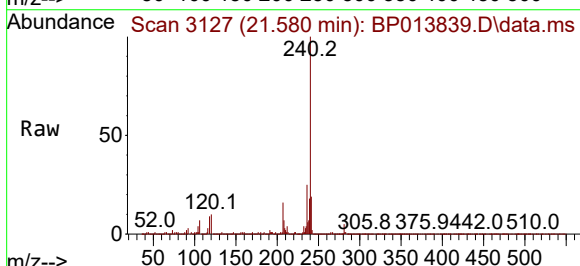
Instrument :
BNA_P
ClientSampleId :
PB150843TB

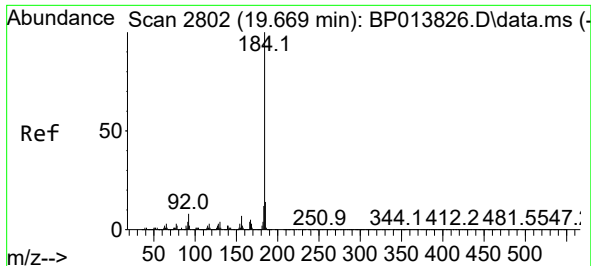
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 460.0 14.3 54.3#
105 306.7 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion:240 Resp: 788948
Ion Ratio Lower Upper
240 100
120 9.7 7.9 11.9
236 25.1 20.9 31.3

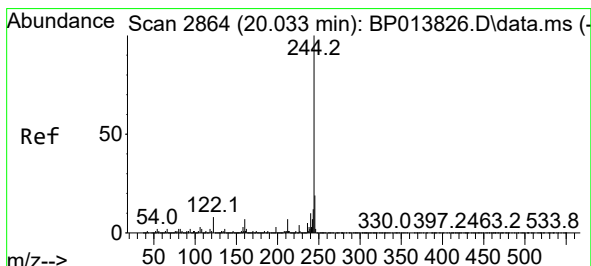
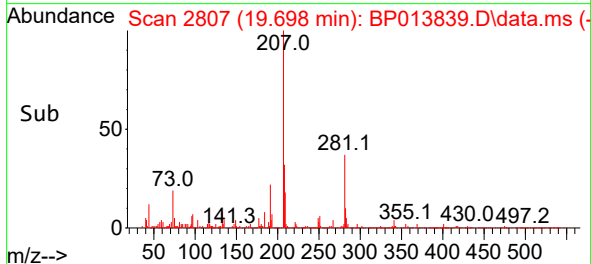
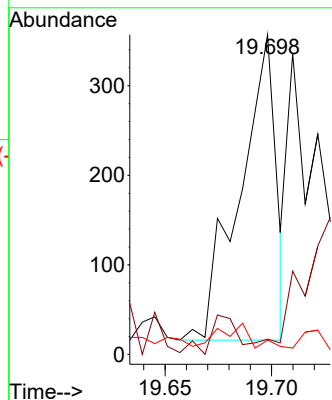
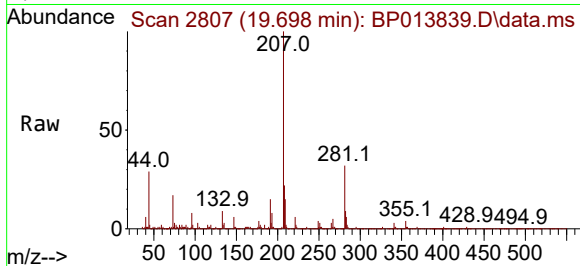




#77
Benzidine
Concen: 2.307 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.029 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

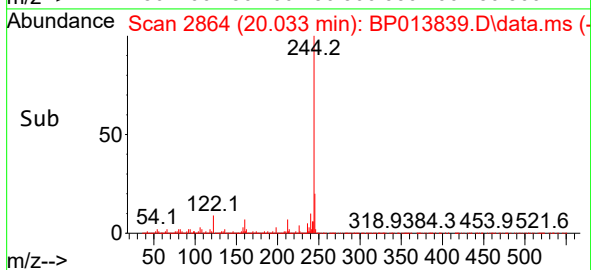
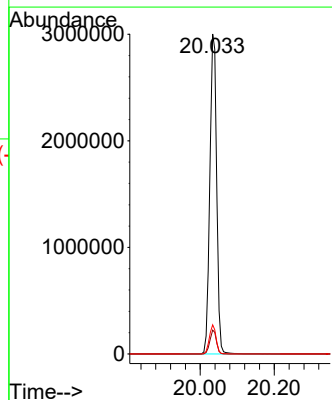
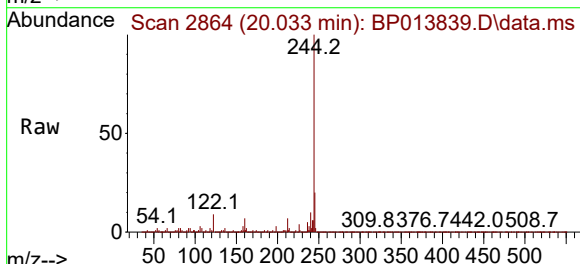
Instrument :
BNA_P
ClientSampleId :
PB150843TB

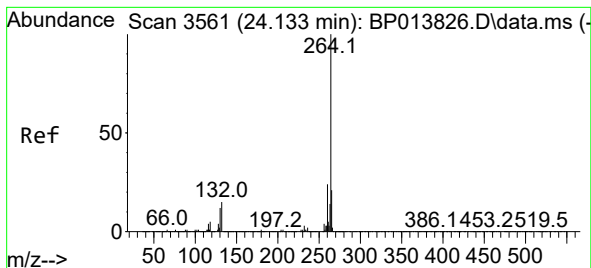
Tgt Ion:184 Resp: 404
Ion Ratio Lower Upper
184 100
185 4.8 11.4 17.0#
183 4.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 93.212 ng
RT: 20.033 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BP013839.D
Acq: 17 Feb 2023 11:25

Tgt Ion:244 Resp: 3822216
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.1 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.139 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP013839.D

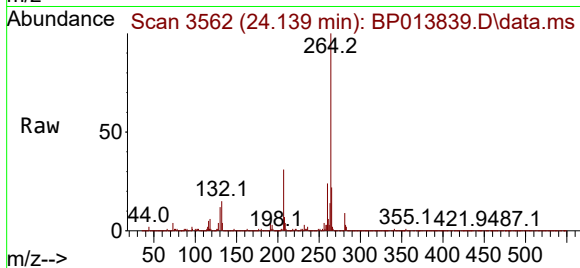
Acq: 17 Feb 2023 11:25

Instrument :

BNA_P

ClientSampleId :

PB150843TB



Tgt Ion:264 Resp: 896497

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.7 17.6 26.4

