

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013563.D
 Acq On : 24 Jan 2023 10:28
 Operator : CG/JU
 Sample : PB150368TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150368TB

Quant Time: Jan 25 03:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

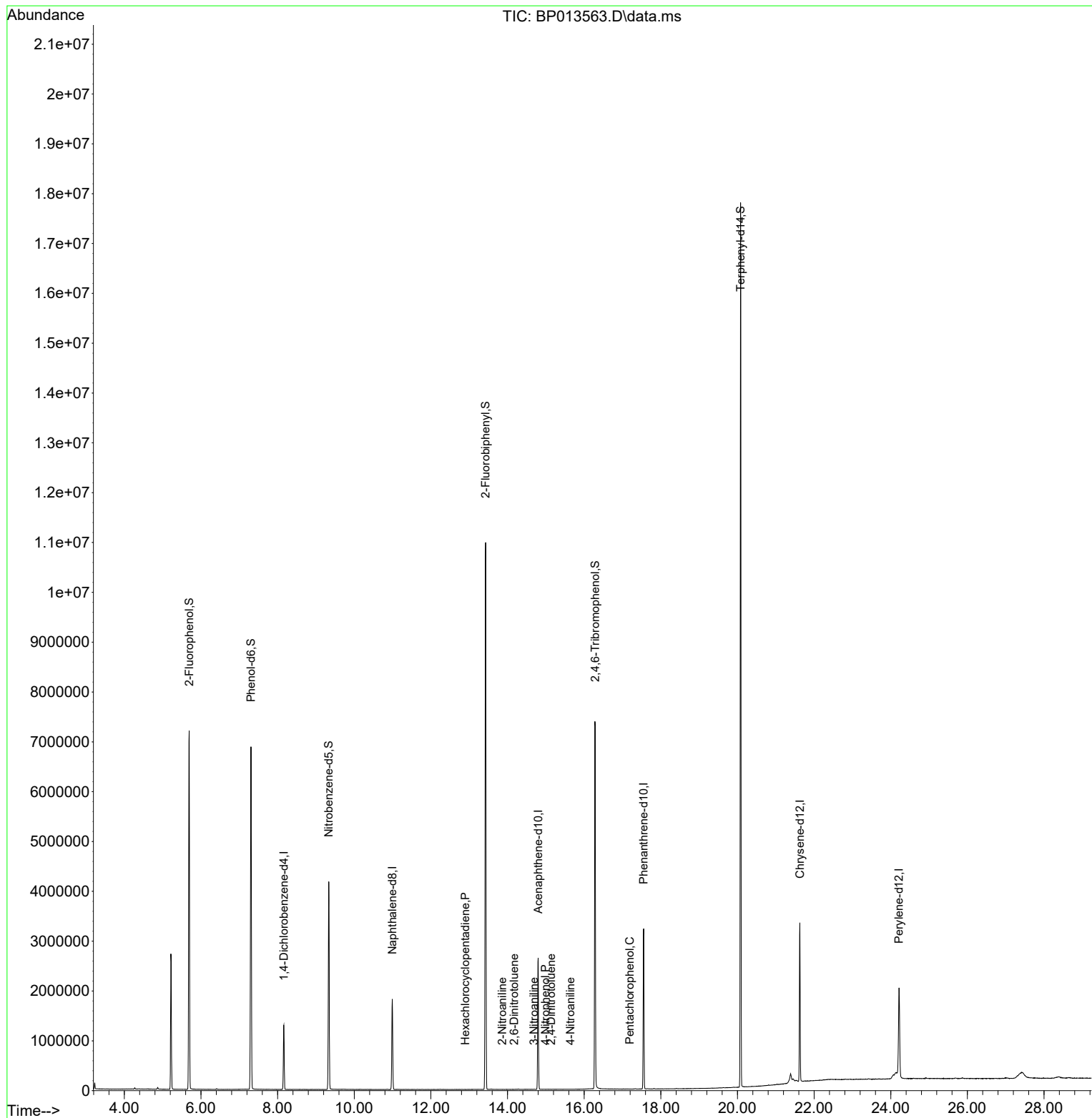
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	361259	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1506836	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	905310	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1919978	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1497903	20.000	ng	0.00
86) Perylene-d12	24.215	264	1396271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3277888	155.462	ng	0.00
7) Phenol-d6	7.305	99	4225542	148.905	ng	0.00
23) Nitrobenzene-d5	9.334	82	2315069	101.427	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	1455149	160.247	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	5889752	89.302	ng	0.00
79) Terphenyl-d14	20.080	244	8488930	101.953	ng	0.00
Target Compounds						Qvalue
41) Hexachlorocyclopentadiene	12.898	237	19	3.905	ng	73
48) 2-Nitroaniline	13.863	65	280	6.235	ng	# 19
51) 2,6-Dinitrotoluene	14.175	165	86	5.170	ng	94
53) 3-Nitroaniline	14.687	138	90	5.413	ng	# 53
54) 2,4-Dinitrophenol	14.892	184	21	Below Cal		# 1
56) 4-Nitrophenol	14.987	139	14	5.193	ng	# 1
57) 2,4-Dinitrotoluene	15.140	165	74	5.198	ng	# 72
62) 4-Nitroaniline	15.639	138	26	3.665	ng	89
70) Pentachlorophenol	17.192	266	77	5.334	ng	# 54

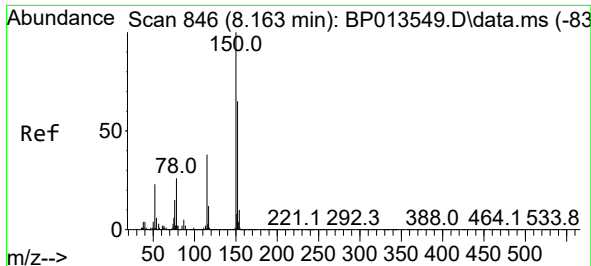
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013563.D
Acq On : 24 Jan 2023 10:28
Operator : CG/JU
Sample : PB150368TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150368TB

Quant Time: Jan 25 03:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

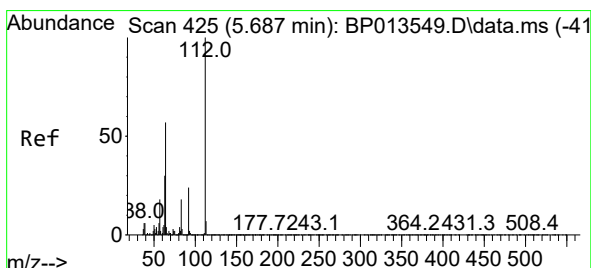
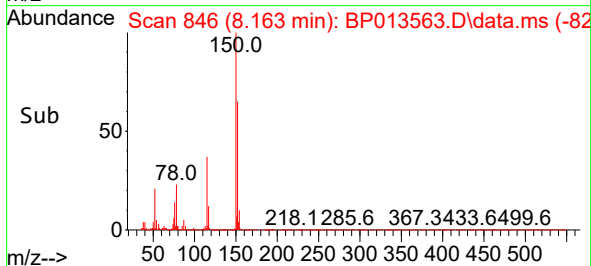
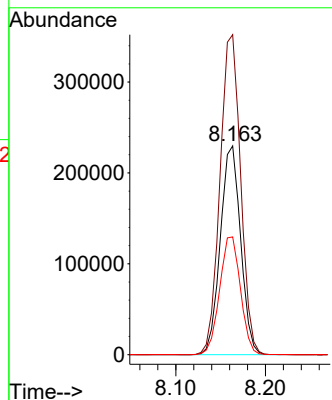
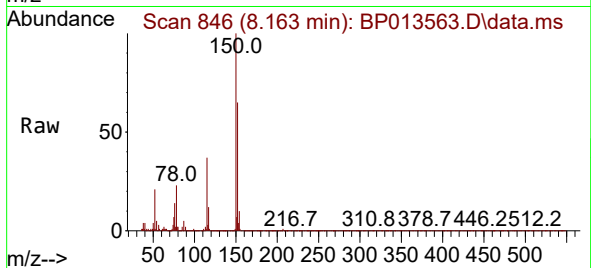




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. -0.001 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

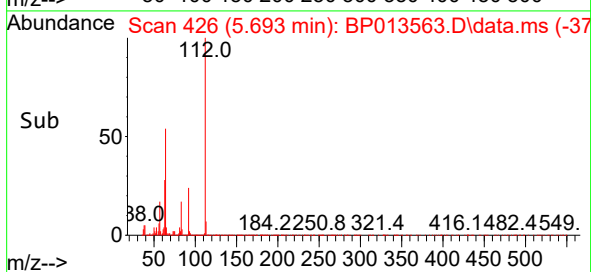
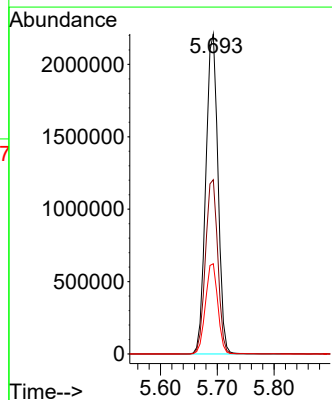
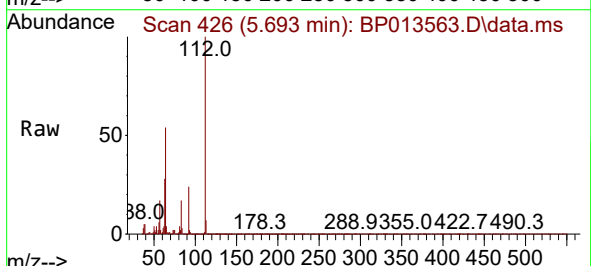
Instrument :
BNA_P
ClientSampleId :
PB150368TB

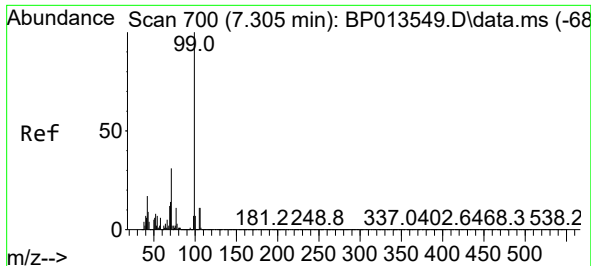
Tgt Ion:152 Resp: 361259
Ion Ratio Lower Upper
152 100
150 153.3 122.4 183.6
115 56.4 46.1 69.1



#5
2-Fluorophenol
Concen: 155.462 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:112 Resp: 3277888
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.2 24.1 36.1



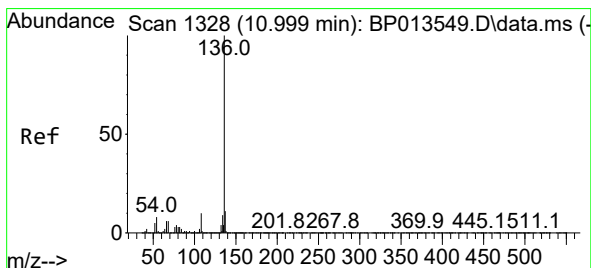
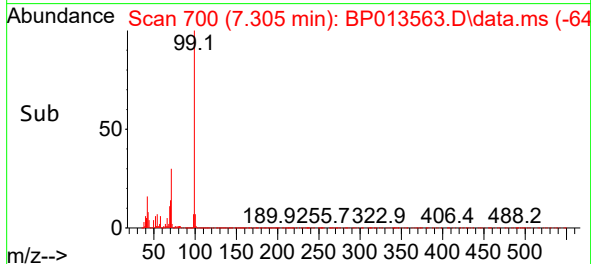
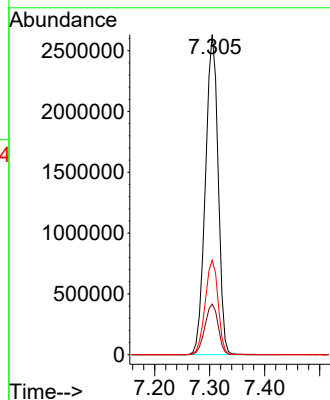
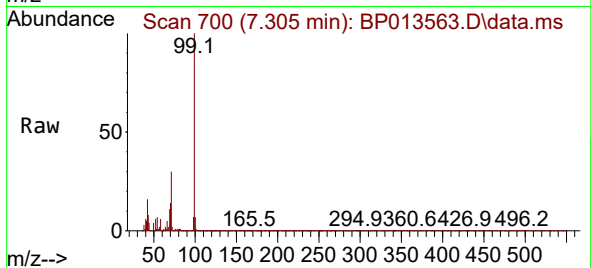


#7
Phenol-d6
Concen: 148.905 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Instrument :
BNA_P
ClientSampleId :
PB150368TB

Tgt Ion: 99 Resp: 4225542

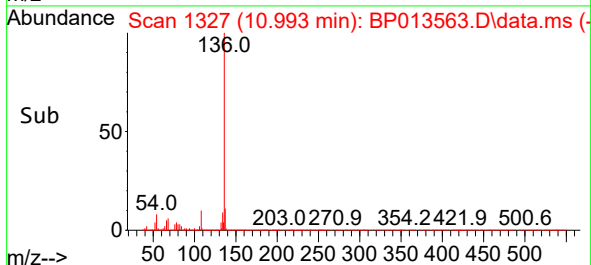
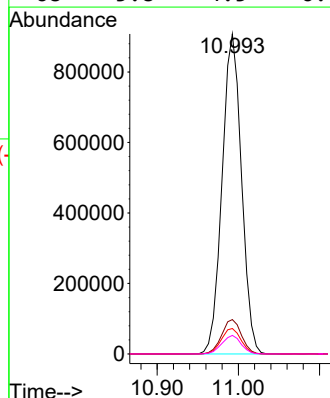
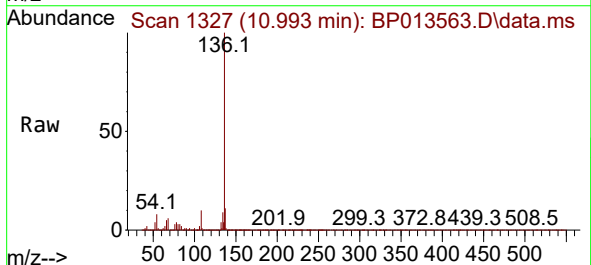
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.0	21.0
71	29.6	24.7	37.1

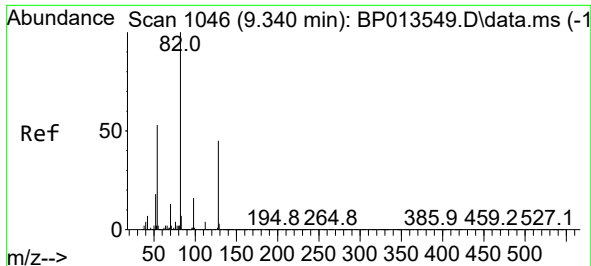


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion: 136 Resp: 1506836

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.9	6.6	9.8
68	5.8	4.5	6.7

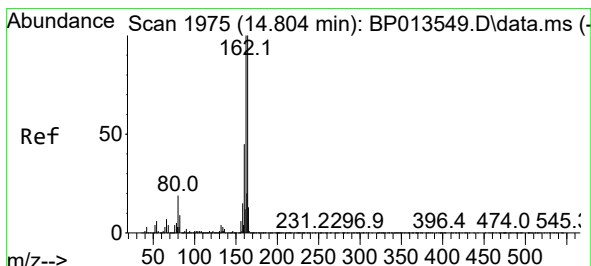
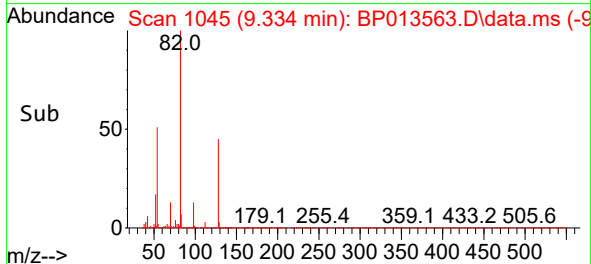
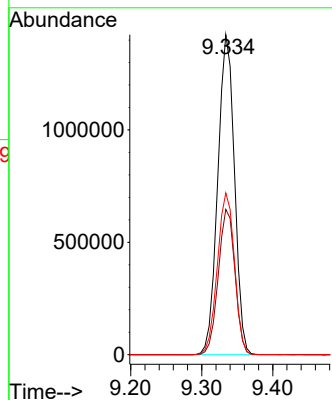
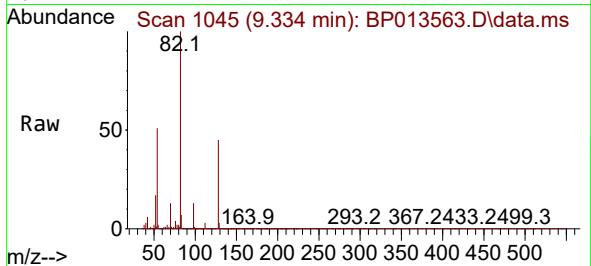




#23
Nitrobenzene-d5
Concen: 101.427 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

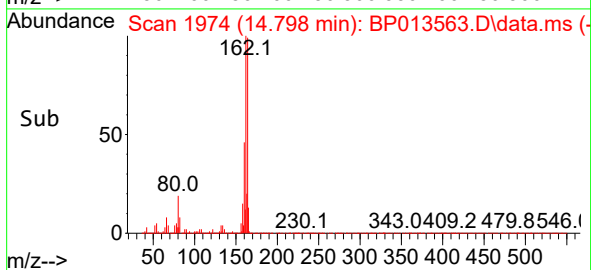
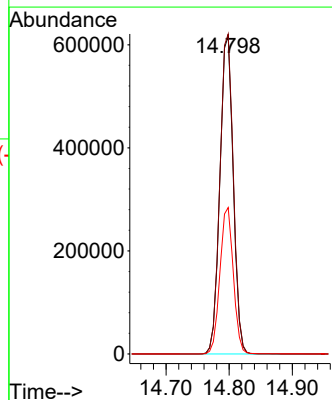
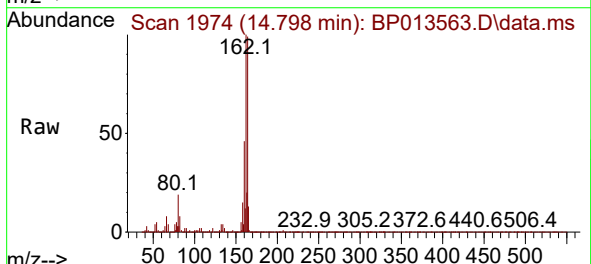
Instrument :
BNA_P
ClientSampleId :
PB150368TB

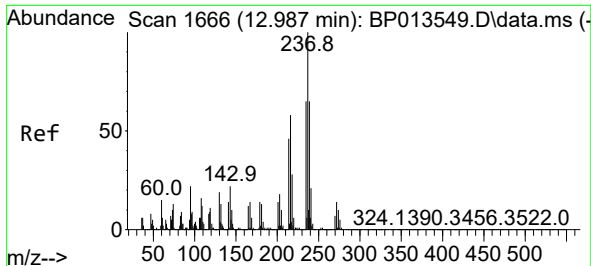
Tgt Ion: 82 Resp: 2315069
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.6
54 50.6 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:164 Resp: 905310
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 46.0 35.9 53.9

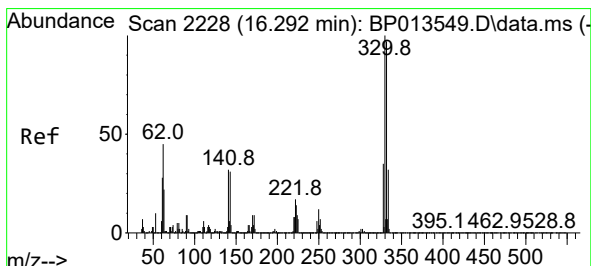
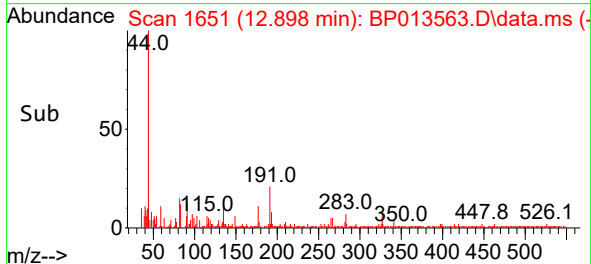
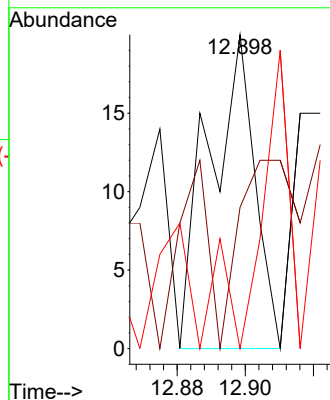
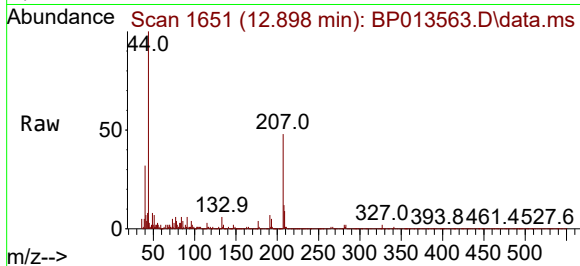




#41
Hexachlorocyclopentadiene
Concen: 3.905 ng
RT: 12.898 min Scan# 1651
Delta R.T. -0.082 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

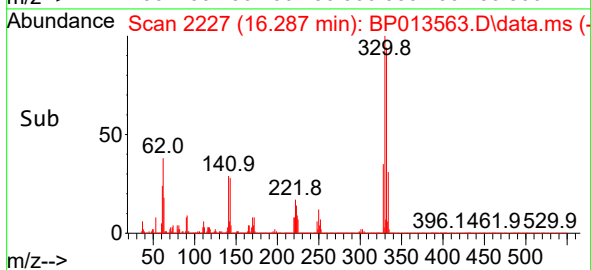
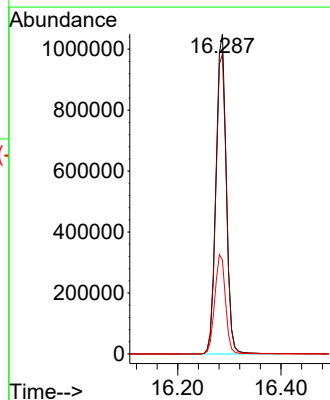
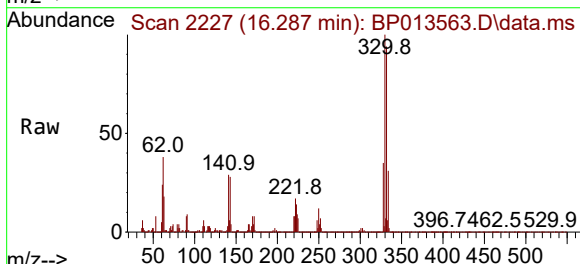
Instrument :
BNA_P
ClientSampleId :
PB150368TB

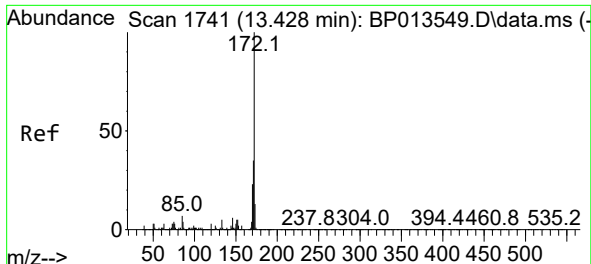
Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 45.0 44.6 84.6
272 0.0 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 160.247 ng
RT: 16.287 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:330 Resp: 1455149
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.3 27.6 41.4

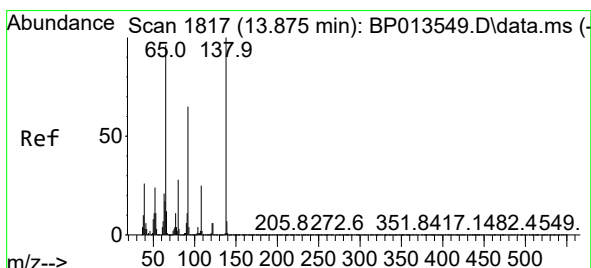
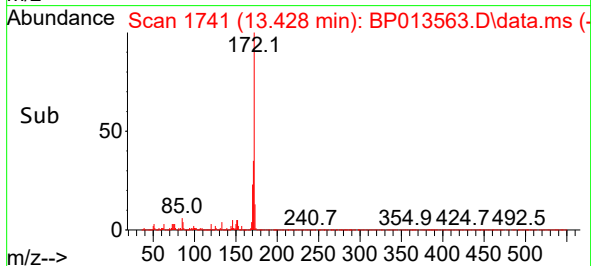
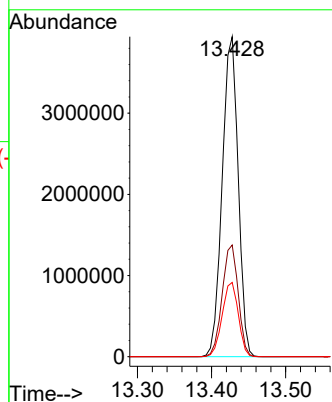
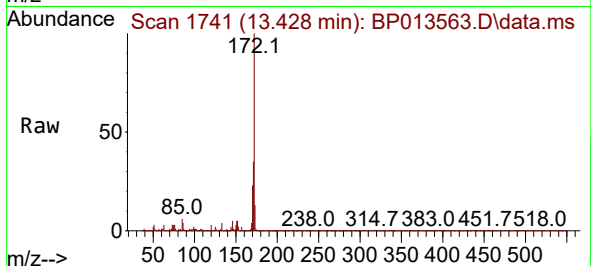




#45
2-Fluorobiphenyl
Concen: 89.302 ng
RT: 13.428 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

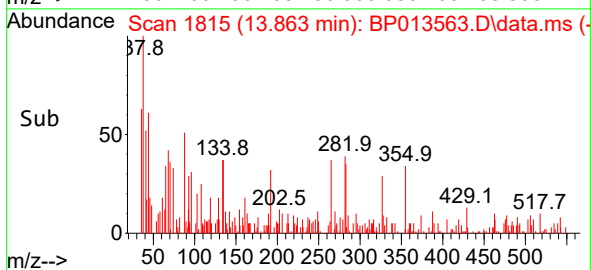
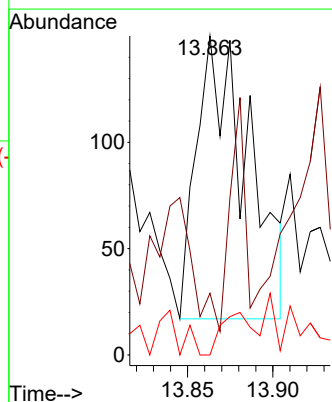
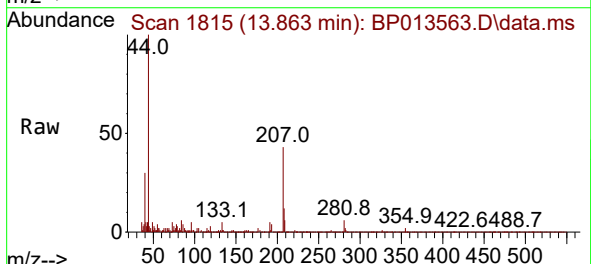
Instrument :
BNA_P
ClientSampleId :
PB150368TB

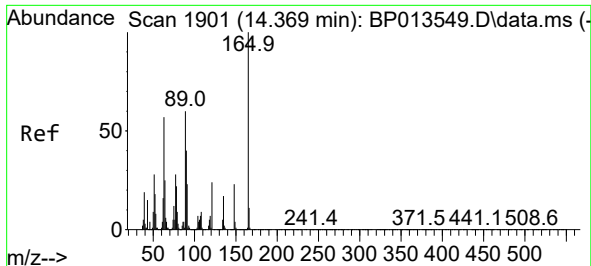
Tgt Ion:172 Resp: 5889752
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.2 18.6 27.8



#48
2-Nitroaniline
Concen: 6.235 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion: 65 Resp: 280
Ion Ratio Lower Upper
65 100
92 19.3 54.1 81.1#
138 6.7 83.6 125.4#

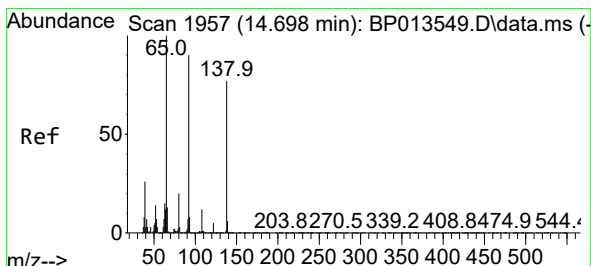
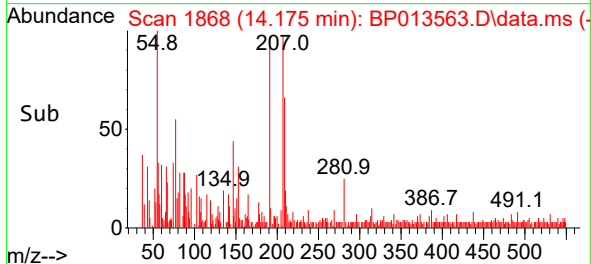
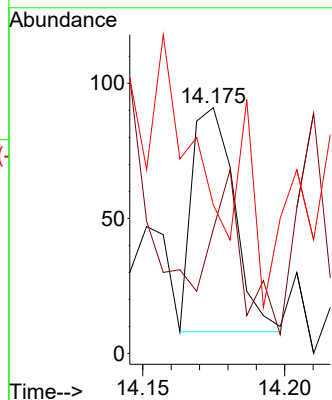
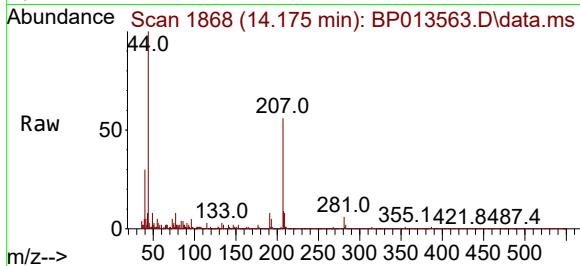




#51
2,6-Dinitrotoluene
Concen: 5.170 ng
RT: 14.175 min Scan# 11
Delta R.T. -0.188 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

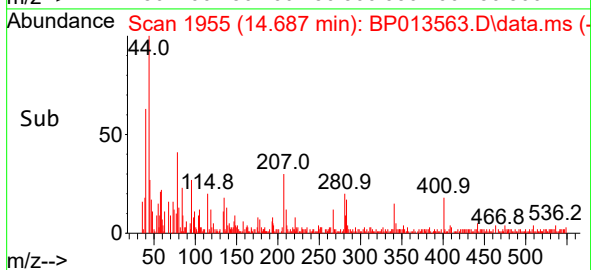
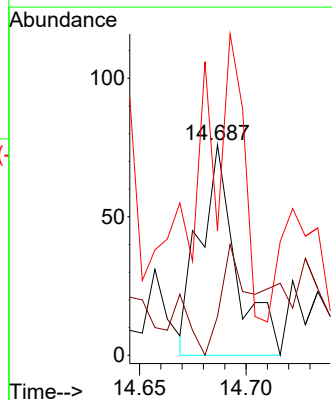
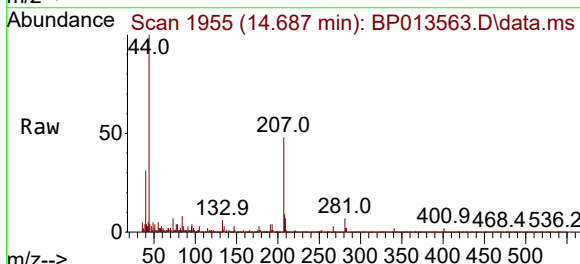
Instrument :
BNA_P
ClientSampleId :
PB150368TB

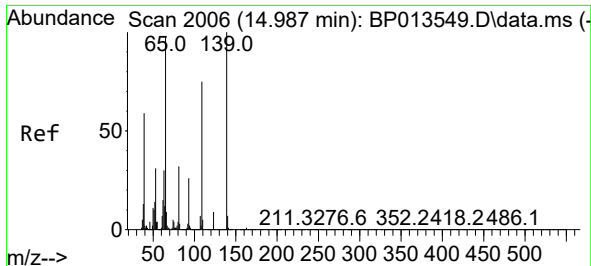
Tgt Ion:165 Resp: 86
Ion Ratio Lower Upper
165 100
63 50.5 47.2 70.8
89 60.4 47.8 71.6



#53
3-Nitroaniline
Concen: 5.413 ng
RT: 14.687 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:138 Resp: 90
Ion Ratio Lower Upper
138 100
108 18.4 12.8 19.2
92 59.2 93.3 139.9#

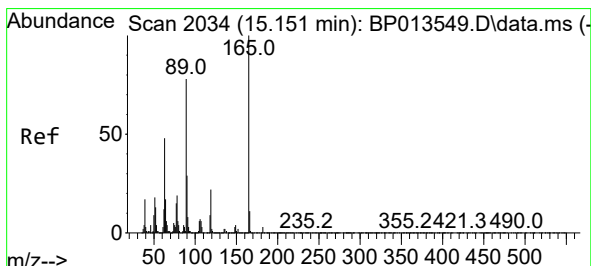
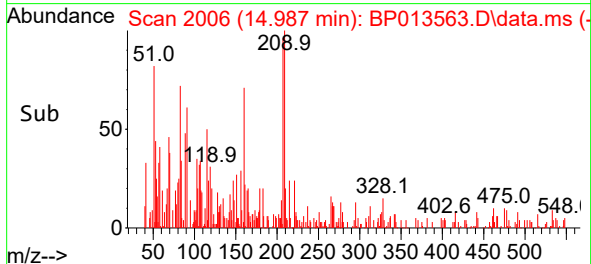
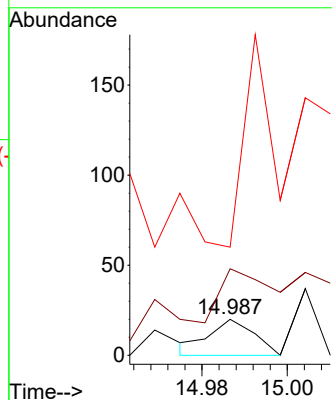
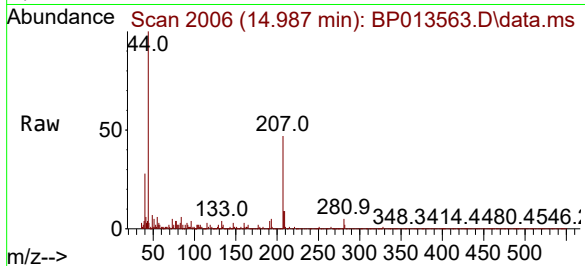




#56
4-Nitrophenol
Concen: 5.193 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

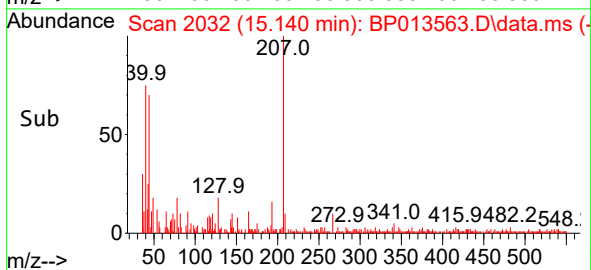
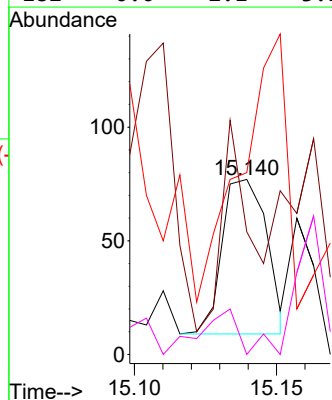
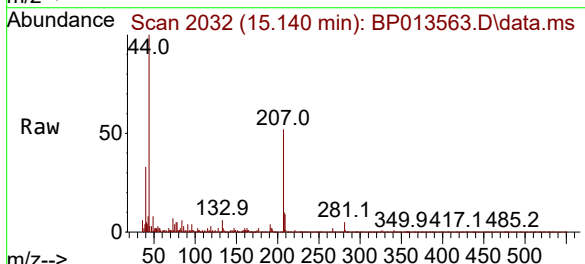
Instrument :
BNA_P
ClientSampleId :
PB150368TB

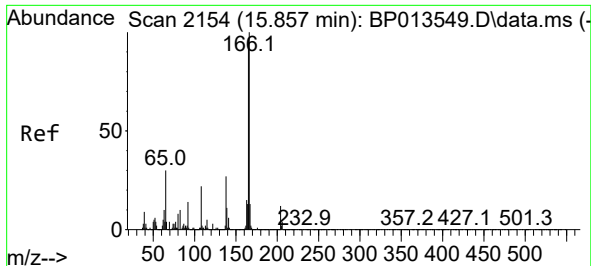
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 240.0 55.0 95.0#
65 300.0 77.7 117.7#



#57
2,4-Dinitrotoluene
Concen: 5.198 ng
RT: 15.140 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:165 Resp: 74
Ion Ratio Lower Upper
165 100
63 83.1 38.3 57.5#
89 89.9 62.1 93.1
182 0.0 2.1 3.1#

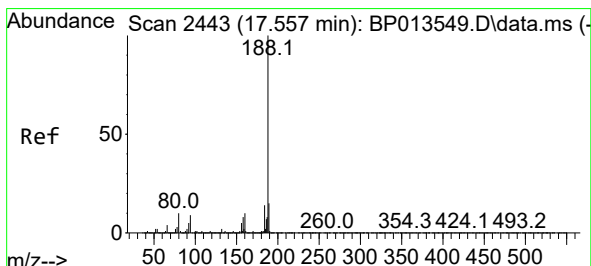
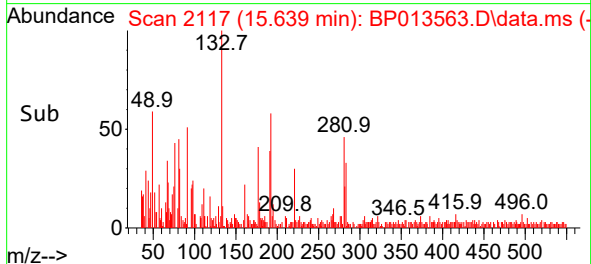
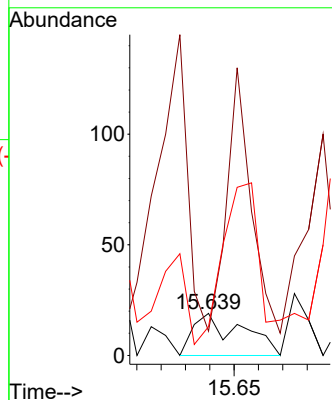
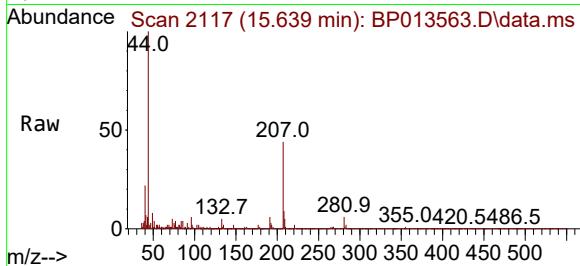




#62
4-Nitroaniline
Concen: 3.665 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.218 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

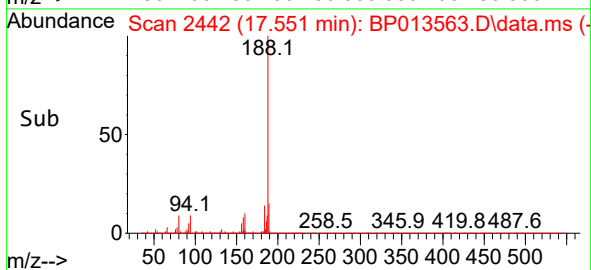
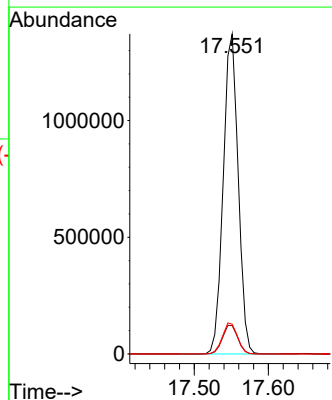
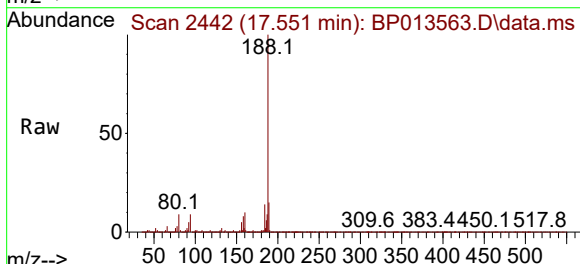
Instrument :
BNA_P
ClientSampleId :
PB150368TB

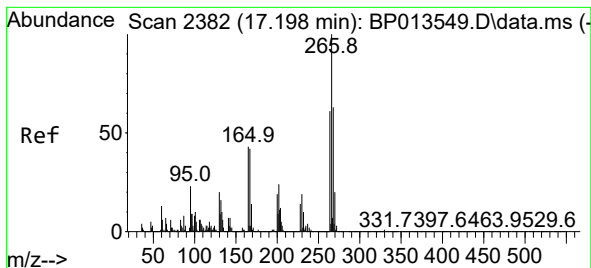
Tgt Ion:138 Resp: 26
Ion Ratio Lower Upper
138 100
92 57.9 32.3 72.3
108 68.4 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013563.D
Acq: 24 Jan 2023 10:28

Tgt Ion:188 Resp: 1919978
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.3 8.2 12.2





#70

Pentachlorophenol

Concen: 5.334 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013563.D

Acq: 24 Jan 2023 10:28

Instrument :

BNA_P

ClientSampleId :

PB150368TB

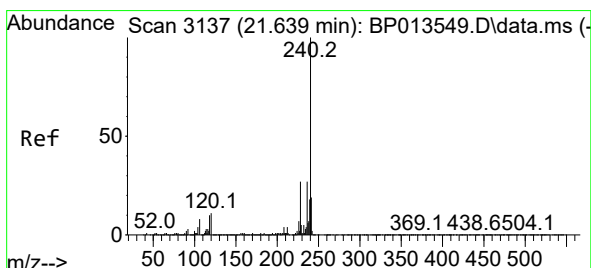
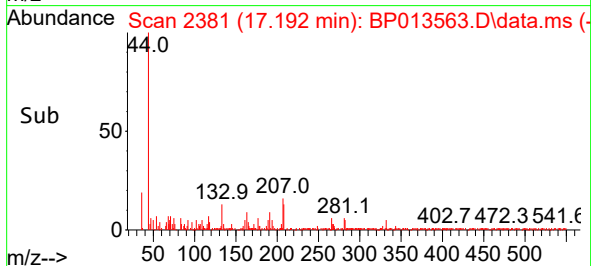
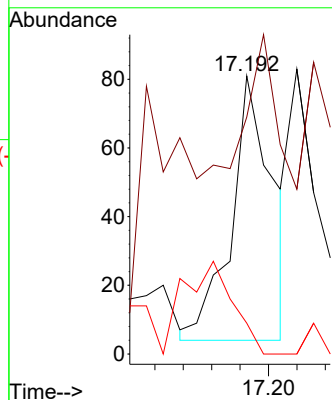
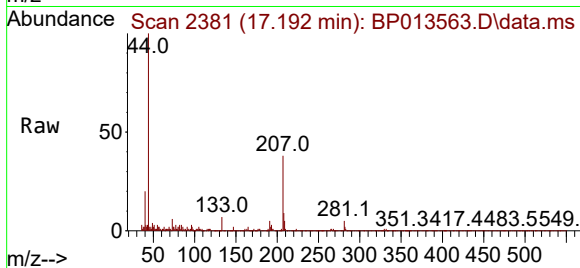
Tgt Ion:266 Resp: 77

Ion Ratio Lower Upper

266 100

268 85.2 50.7 76.1#

264 11.1 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP013563.D

Acq: 24 Jan 2023 10:28

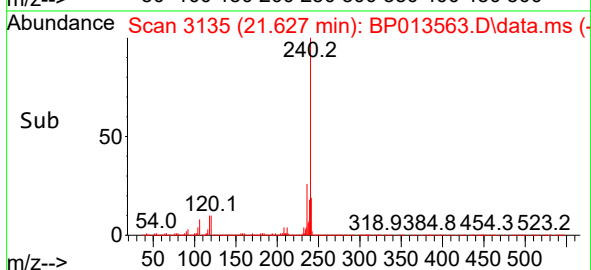
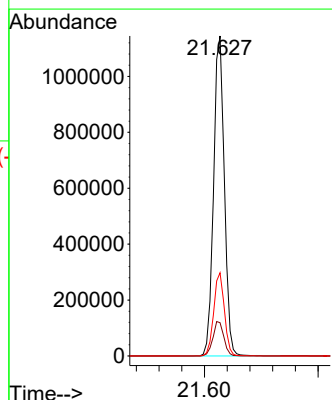
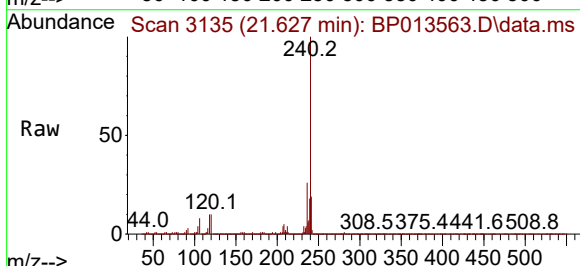
Tgt Ion:240 Resp: 1497903

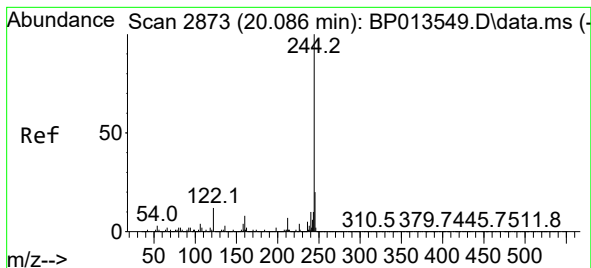
Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 101.953 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013563.D

Acq: 24 Jan 2023 10:28

Instrument :

BNA_P

ClientSampleId :

PB150368TB

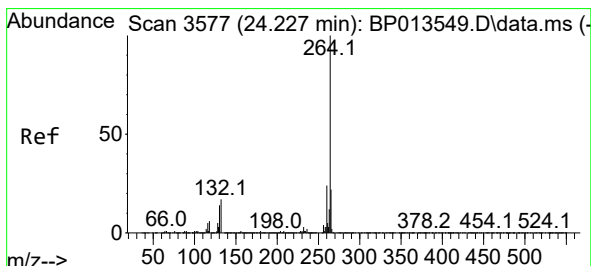
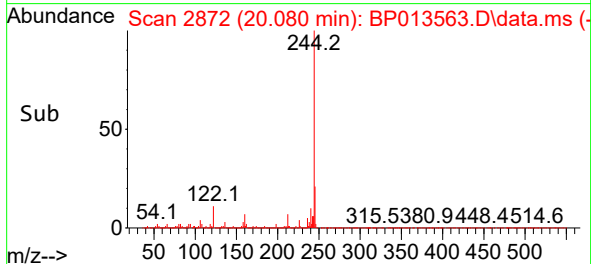
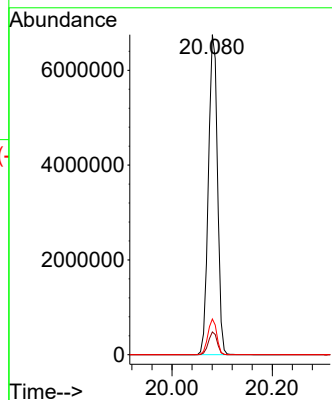
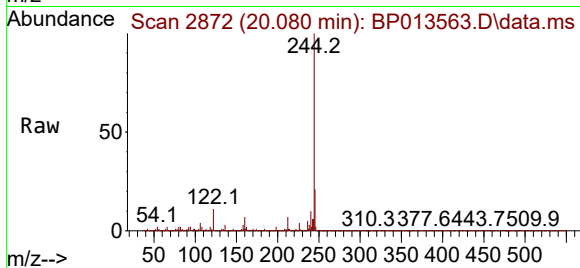
Tgt Ion:244 Resp: 8488930

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.000 min

Lab File: BP013563.D

Acq: 24 Jan 2023 10:28

Tgt Ion:264 Resp: 1396271

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.3 17.4 26.2

