

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013587.D
 Acq On : 25 Jan 2023 00:27
 Operator : CG/JU
 Sample : 01260-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-22

Quant Time: Jan 25 03:54:12 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)

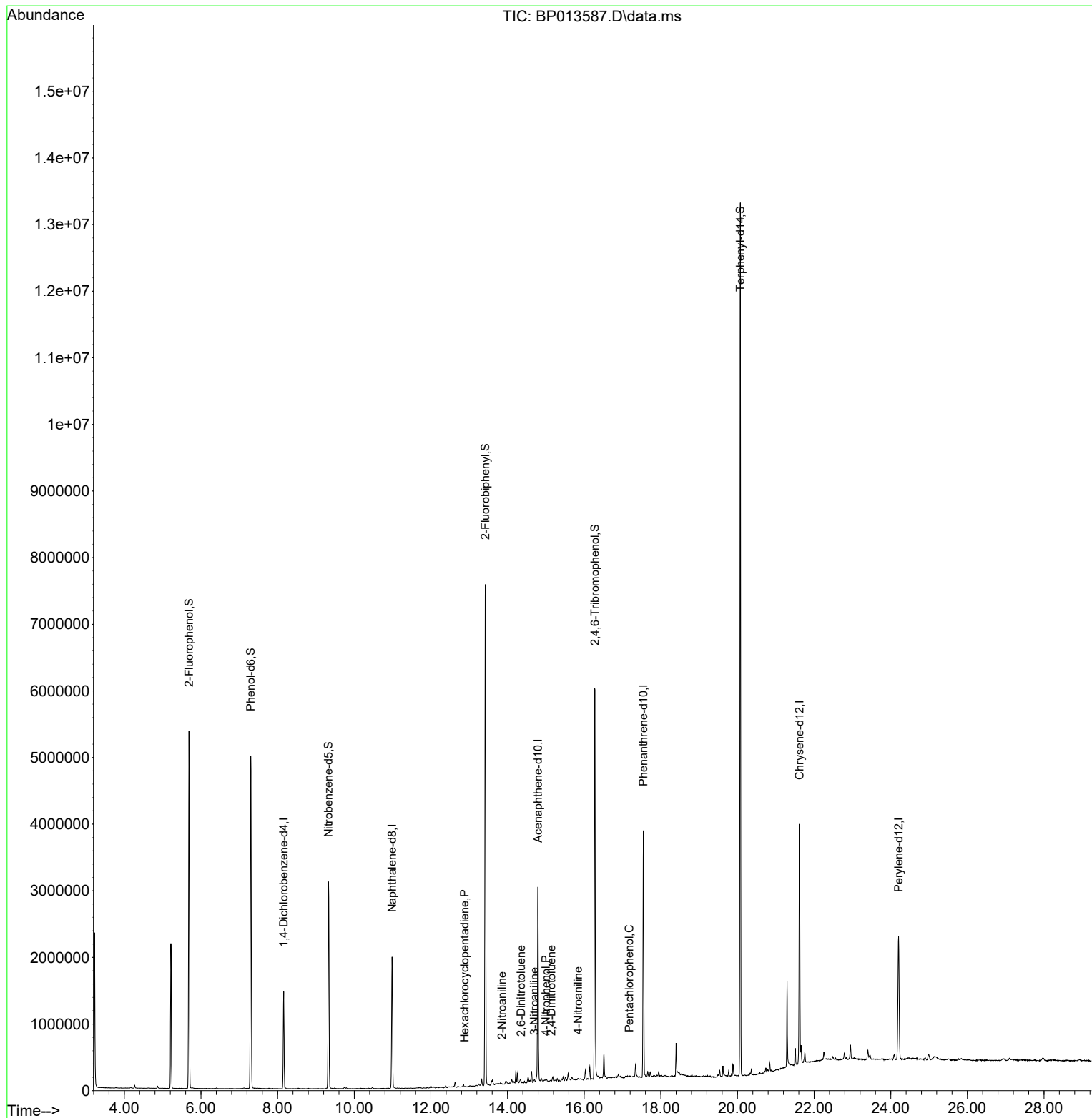
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	406413	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1675799	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	1003559	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2179864	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1800691	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1537060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2391860	100.836	ng	0.00
7) Phenol-d6	7.299	99	3105527	97.277	ng	0.00
23) Nitrobenzene-d5	9.328	82	1719927	67.755	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1240272	123.212	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4086468	55.894	ng	0.00
79) Terphenyl-d14	20.075	244	6159617	61.538	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.881	237	18	3.904	ng	82
48) 2-Nitroaniline	13.857	65	183	6.228	ng	# 75
51) 2,6-Dinitrotoluene	14.351	165	298	5.182	ng	# 67
53) 3-Nitroaniline	14.698	138	2001	5.514	ng	# 28
54) 2,4-Dinitrophenol	14.898	184	50	Below Cal		# 1
56) 4-Nitrophenol	14.998	139	2225	5.357	ng	# 1
57) 2,4-Dinitrotoluene	15.146	165	883	5.239	ng	# 46
62) 4-Nitroaniline	15.840	138	758	3.707	ng	85
70) Pentachlorophenol	17.175	266	258	5.343	ng	# 56

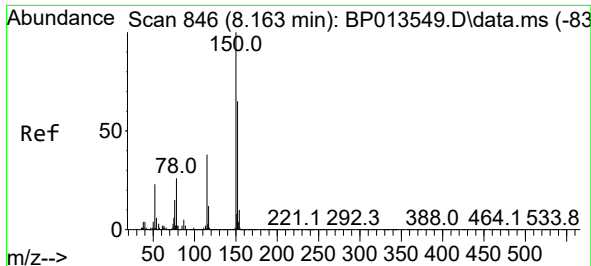
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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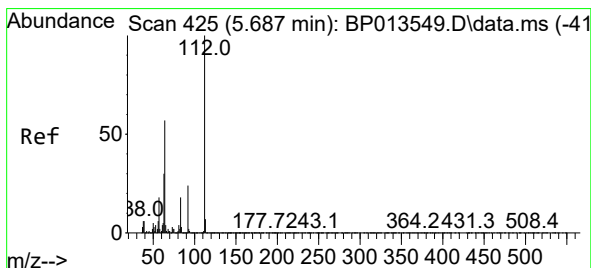
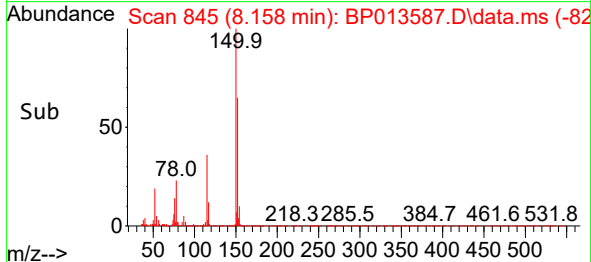
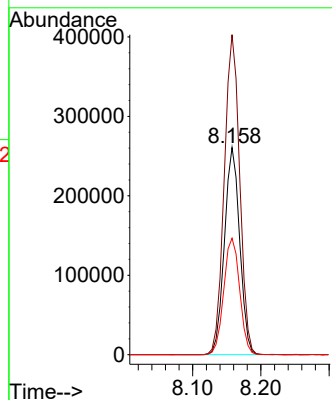
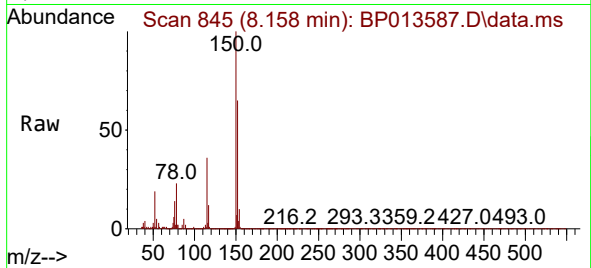




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

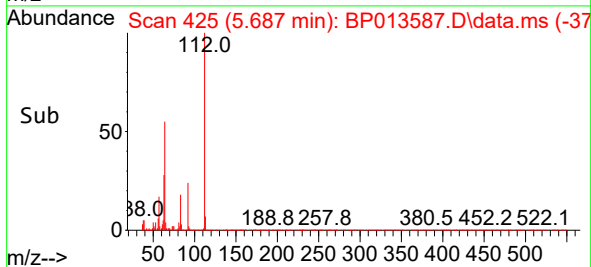
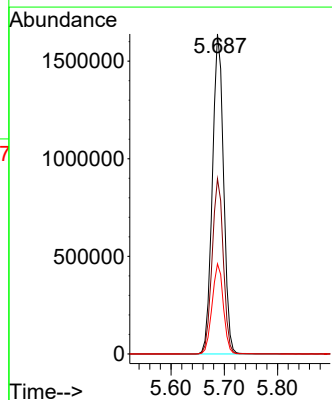
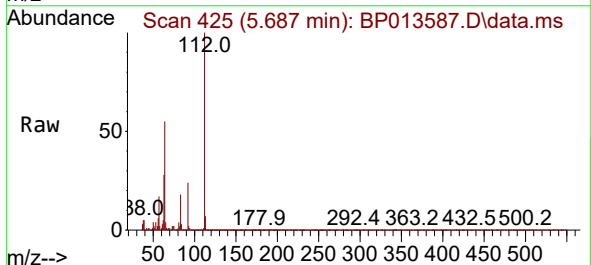
Instrument :
BNA_P
ClientSampleId :
TP-22

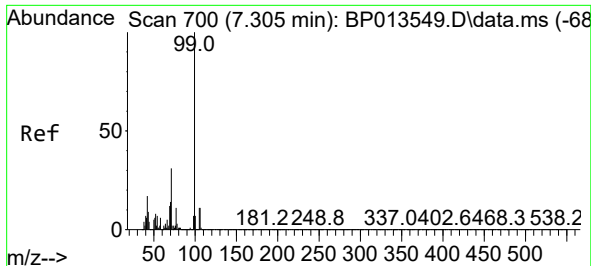
Tgt Ion:152 Resp: 406413
Ion Ratio Lower Upper
152 100
150 154.5 122.4 183.6
115 56.2 46.1 69.1



#5
2-Fluorophenol
Concen: 100.836 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion:112 Resp: 2391860
Ion Ratio Lower Upper
112 100
64 54.7 45.4 68.0
63 28.2 24.1 36.1

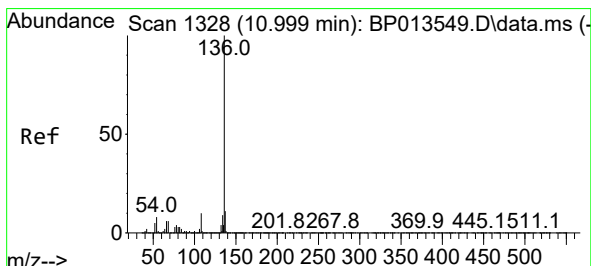
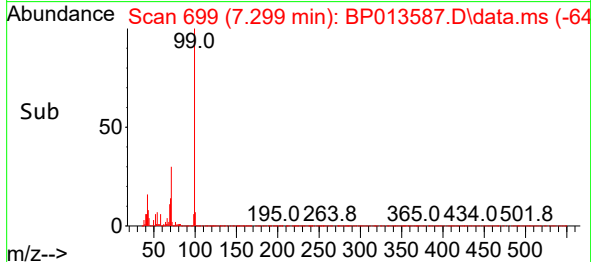
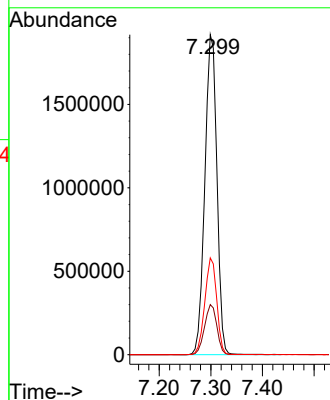
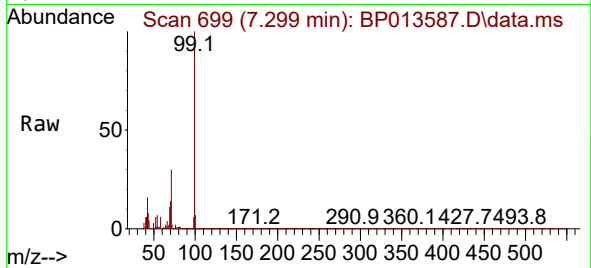




#7
Phenol-d6
Concen: 97.277 ng
RT: 7.299 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

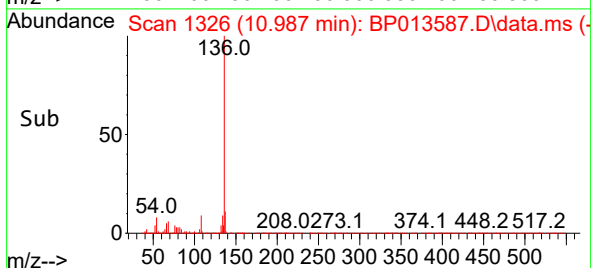
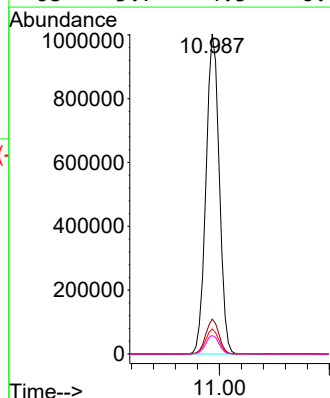
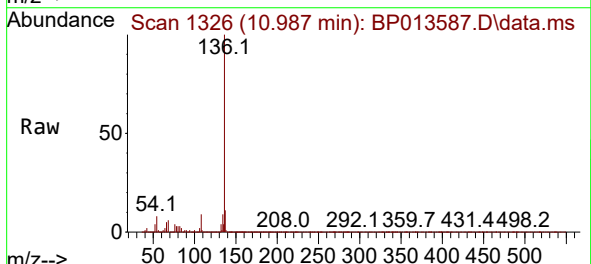
Instrument :
BNA_P
ClientSampleId :
TP-22

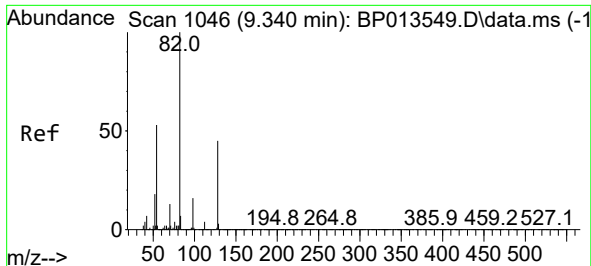
Tgt Ion: 99 Resp: 3105527
Ion Ratio Lower Upper
99 100
42 15.7 14.0 21.0
71 30.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion:136 Resp: 1675799
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.8 6.6 9.8
68 5.7 4.5 6.7

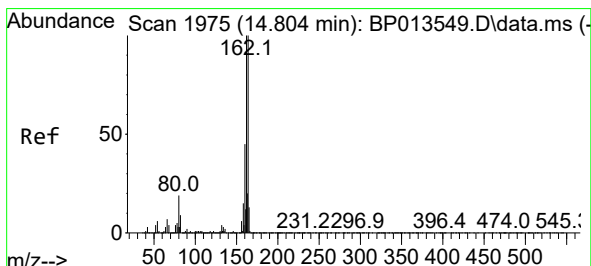
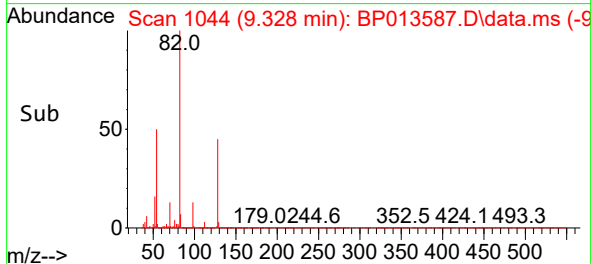
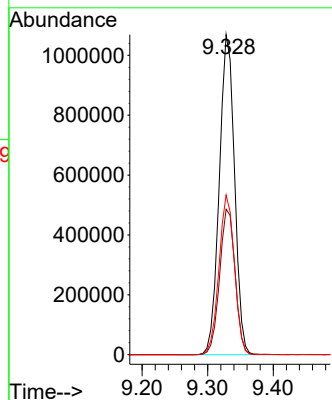
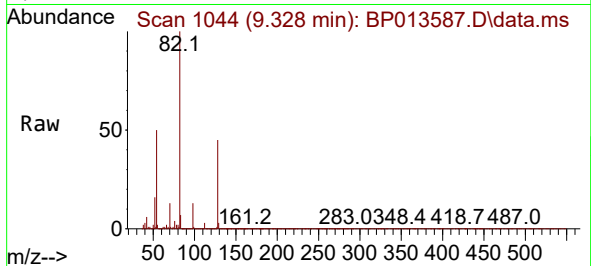




#23
Nitrobenzene-d5
Concen: 67.755 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

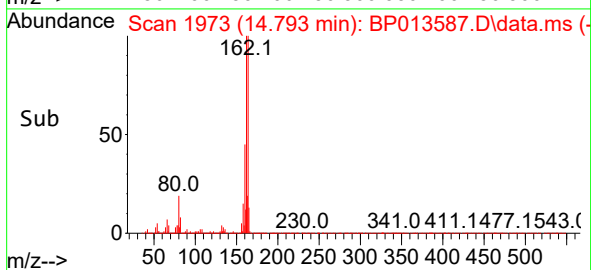
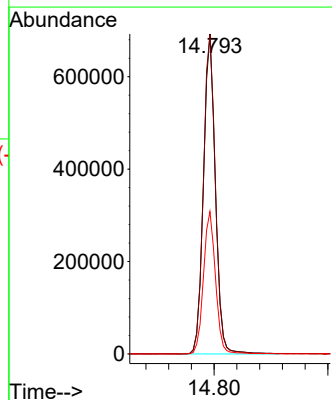
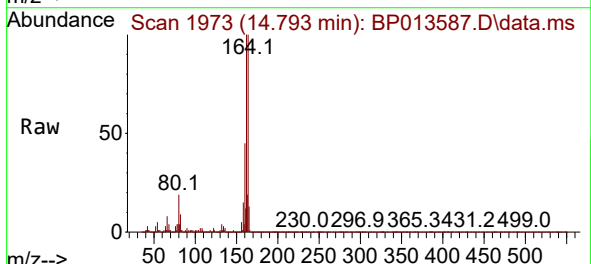
Instrument :
BNA_P
ClientSampleId :
TP-22

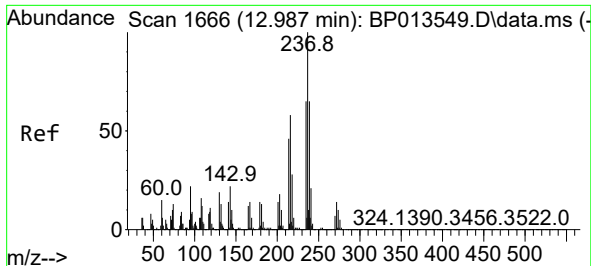
Tgt Ion: 82 Resp: 1719927
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 49.9 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion: 164 Resp: 1003559
Ion Ratio Lower Upper
164 100
162 99.8 80.1 120.1
160 44.5 35.9 53.9

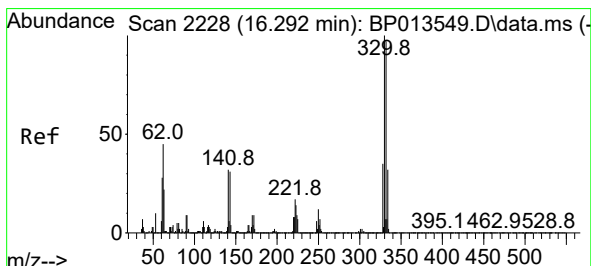
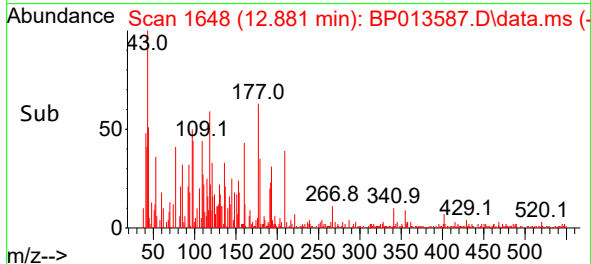
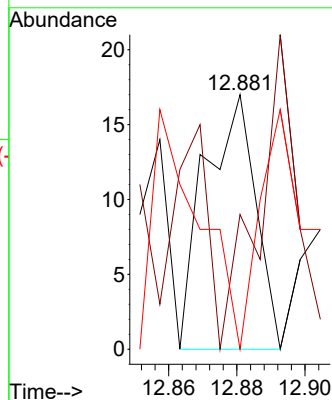
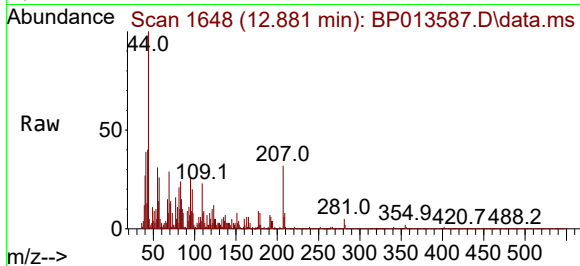




#41
Hexachlorocyclopentadiene
Concen: 3.904 ng
RT: 12.881 min Scan# 1648
Delta R.T. -0.100 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

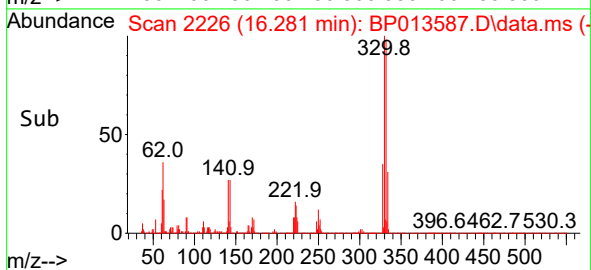
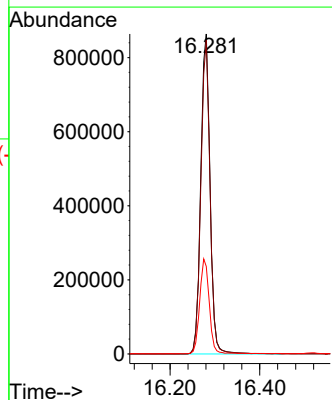
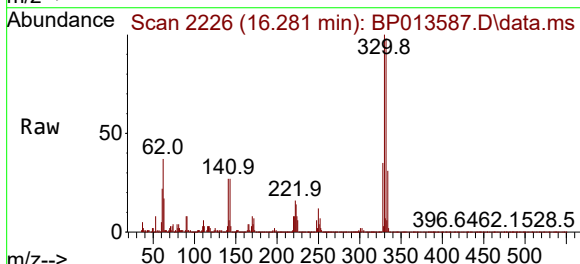
Instrument :
BNA_P
ClientSampleId :
TP-22

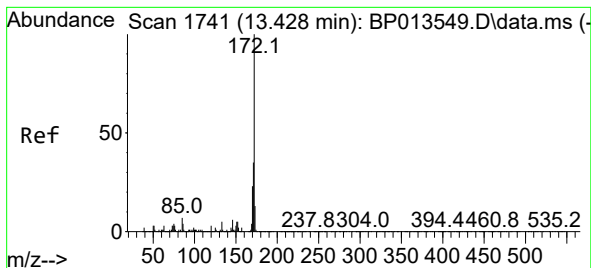
Tgt Ion: 237	Resp: 18
Ion Ratio	Lower Upper
237 100	
235 52.9	44.6 84.6
272 0.0	0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 123.212 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion:330	Resp: 1240272		
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	30.7	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 55.894 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

Instrument :

BNA_P

ClientSampleId :

TP-22

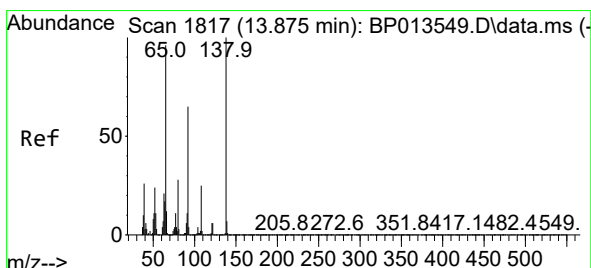
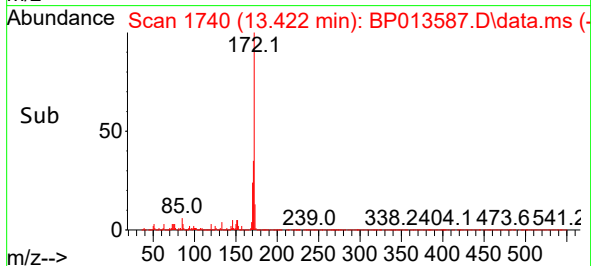
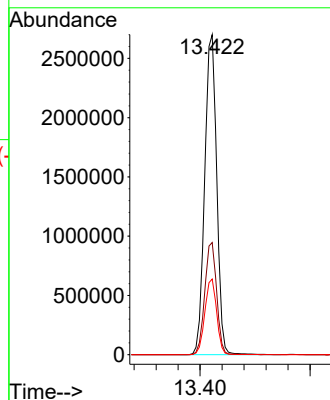
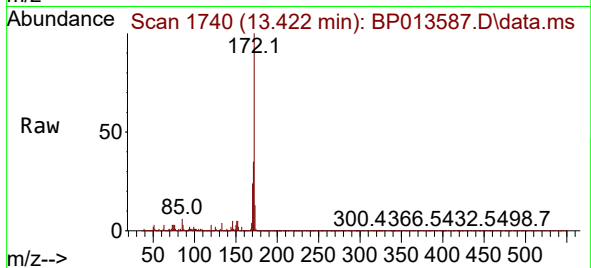
Tgt Ion:172 Resp: 4086468

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.6 18.6 27.8



#48

2-Nitroaniline

Concen: 6.228 ng

RT: 13.857 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

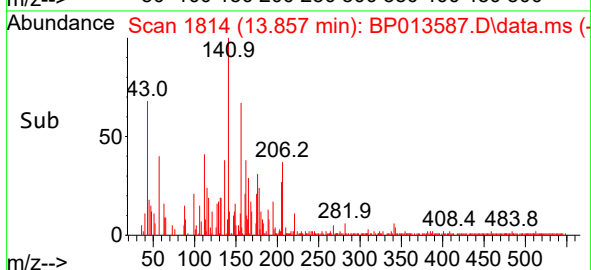
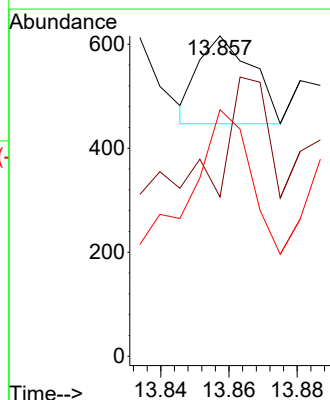
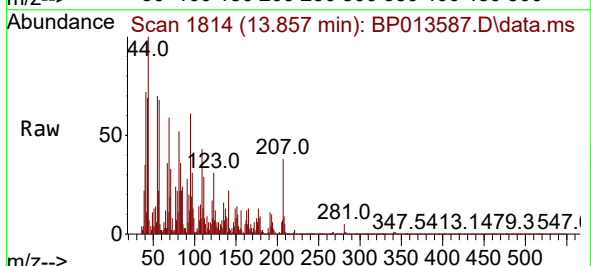
Tgt Ion: 65 Resp: 183

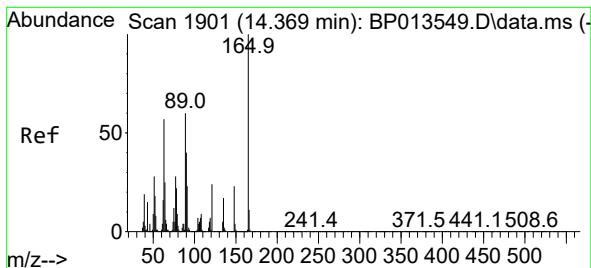
Ion Ratio Lower Upper

65 100

92 49.7 54.1 81.1#

138 76.9 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.182 ng

RT: 14.351 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

Instrument :

BNA_P

ClientSampleId :

TP-22

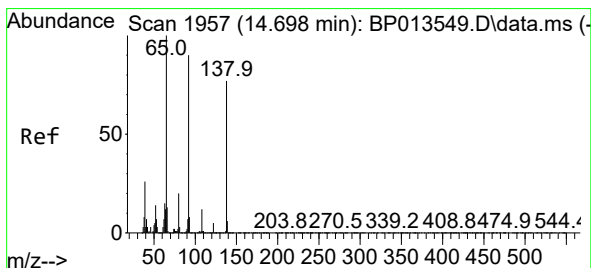
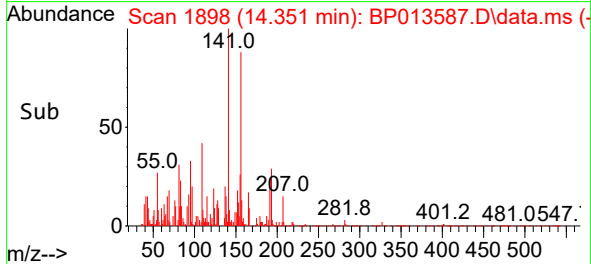
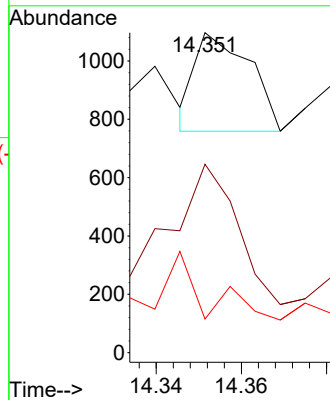
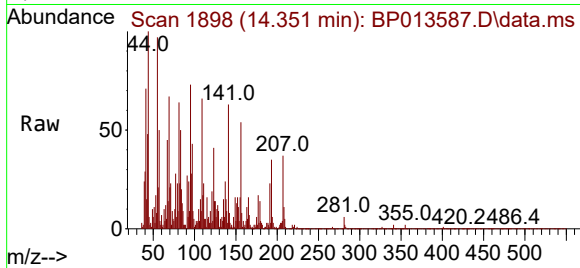
Tgt Ion:165 Resp: 298

Ion Ratio Lower Upper

165 100

63 58.9 47.2 70.8

89 10.5 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.514 ng

RT: 14.698 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

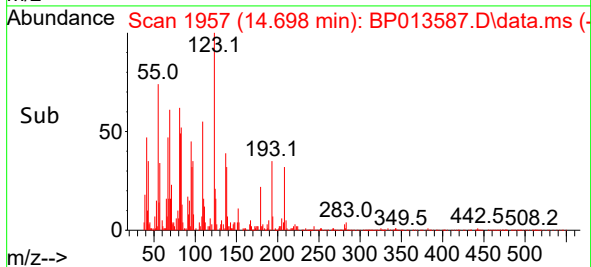
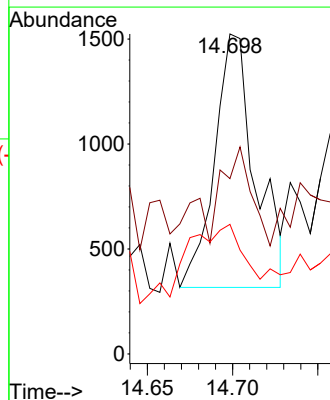
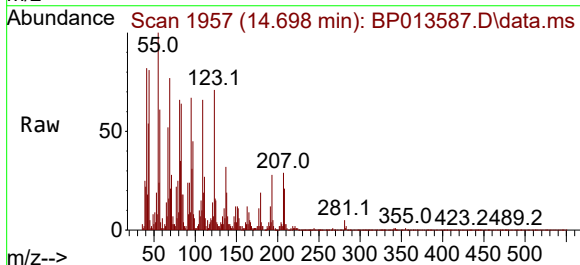
Tgt Ion:138 Resp: 2001

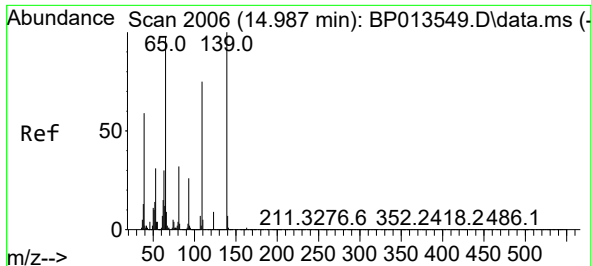
Ion Ratio Lower Upper

138 100

108 54.8 12.8 19.2#

92 40.5 93.3 139.9#

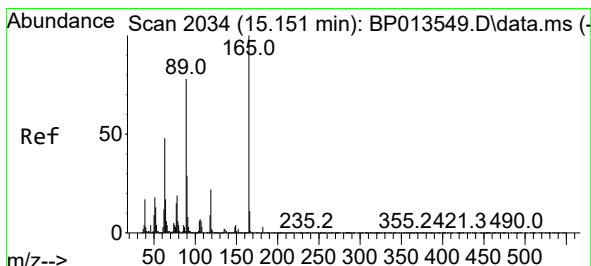
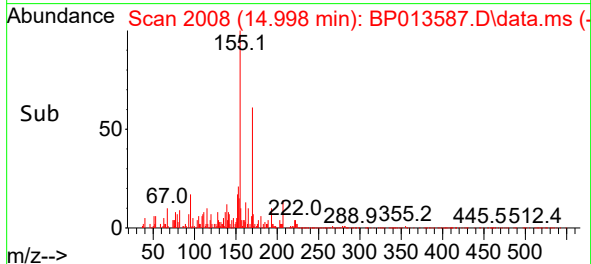
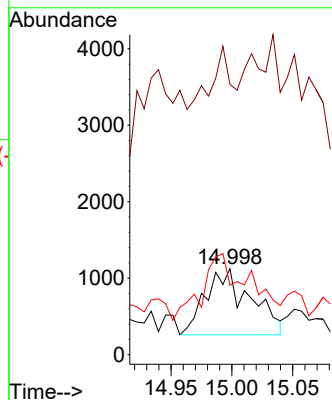
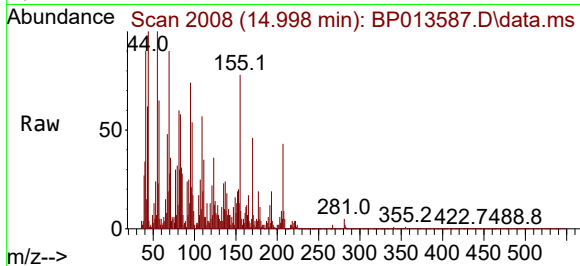




#56
4-Nitrophenol
Concen: 5.357 ng
RT: 14.998 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

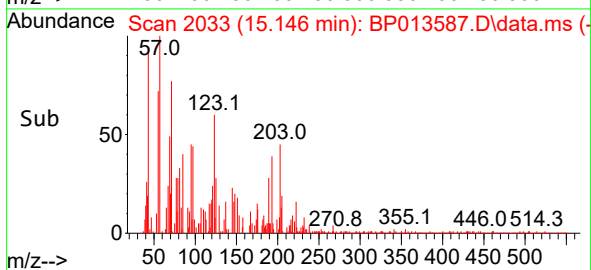
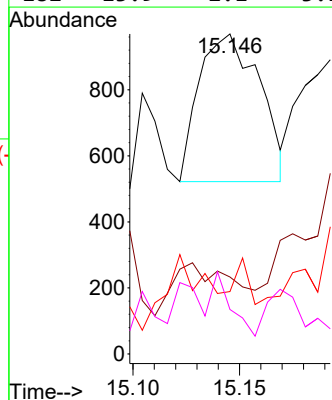
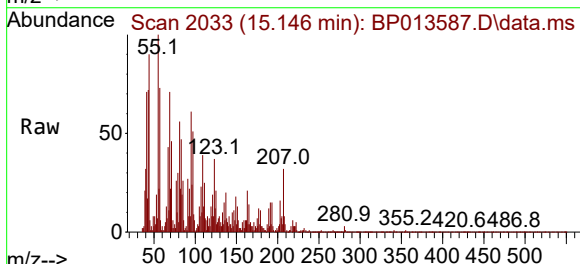
Instrument :
BNA_P
ClientSampleId :
TP-22

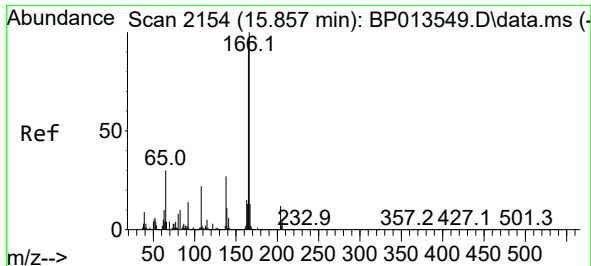
Tgt Ion:139 Resp: 2225
Ion Ratio Lower Upper
139 100
109 314.4 55.0 95.0#
65 80.8 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.239 ng
RT: 15.146 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion:165 Resp: 883
Ion Ratio Lower Upper
165 100
63 24.0 38.3 57.5#
89 19.5 62.1 93.1#
182 13.9 2.1 3.1#

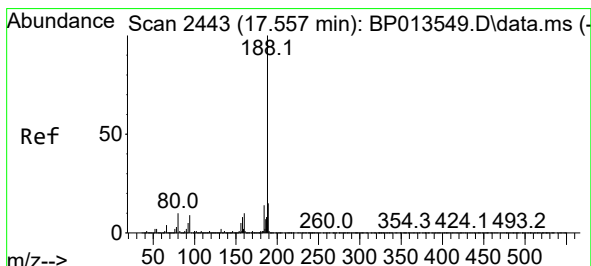
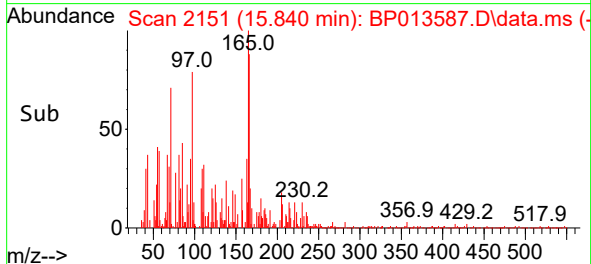
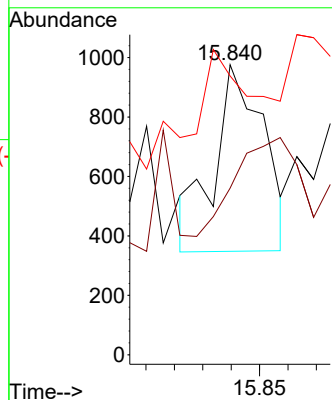
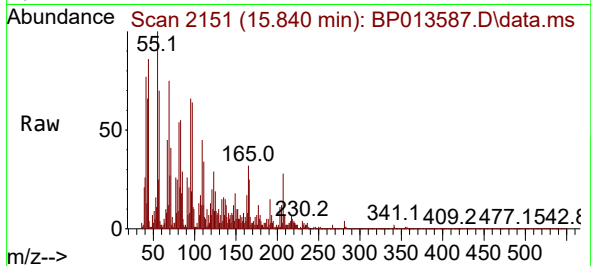




#62
4-Nitroaniline
Concen: 3.707 ng
RT: 15.840 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

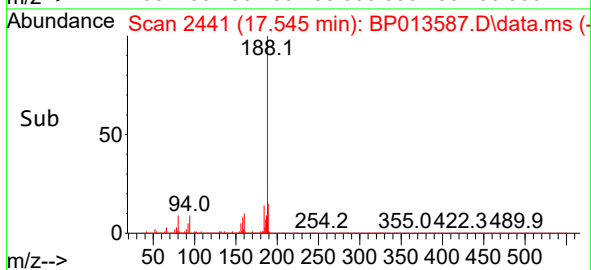
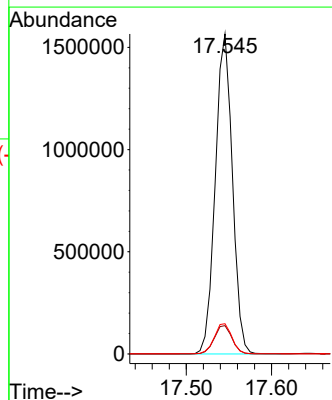
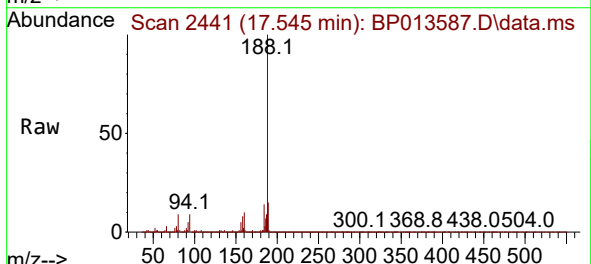
Instrument :
BNA_P
ClientSampleId :
TP-22

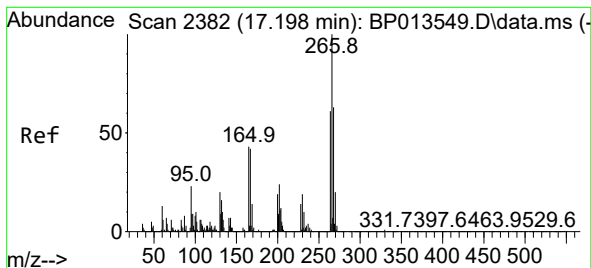
Tgt Ion:138 Resp: 758
Ion Ratio Lower Upper
138 100
92 57.5 32.3 72.3
108 96.1 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013587.D
Acq: 25 Jan 2023 00:27

Tgt Ion:188 Resp: 2179864
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.4 8.2 12.2





#70

Pentachlorophenol

Concen: 5.343 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

Instrument :

BNA_P

ClientSampleId :

TP-22

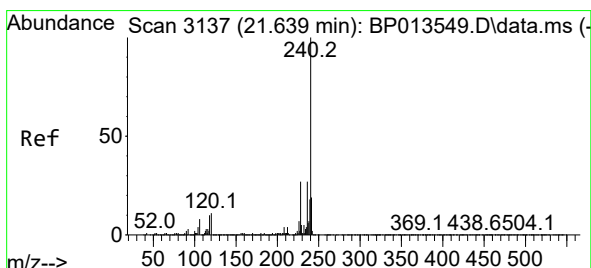
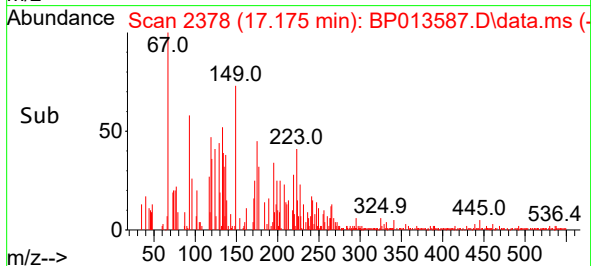
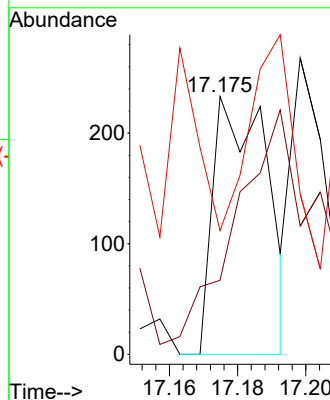
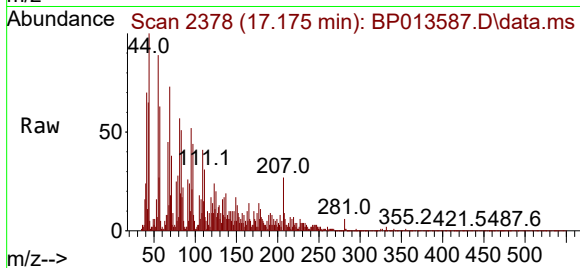
Tgt Ion:266 Resp: 258

Ion Ratio Lower Upper

266 100

268 28.8 50.7 76.1#

264 93.6 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

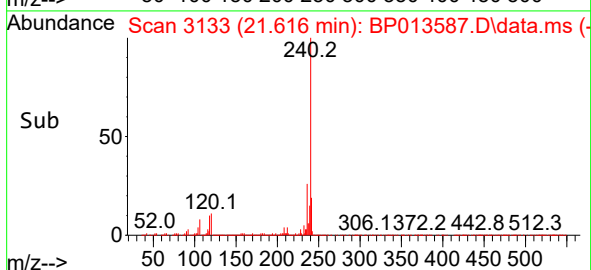
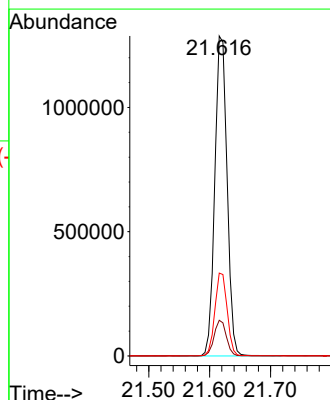
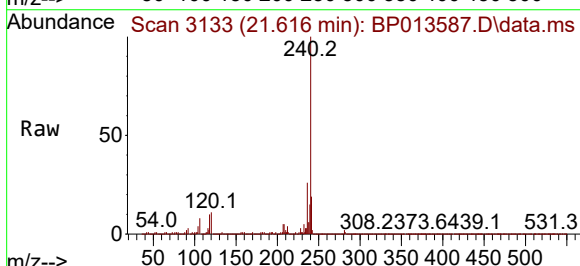
Tgt Ion:240 Resp: 1800691

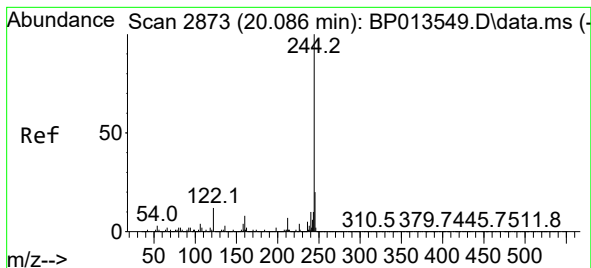
Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 25.9 21.3 31.9





#79

Terphenyl-d14

Concen: 61.538 ng

RT: 20.075 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

Instrument :

BNA_P

ClientSampleId :

TP-22

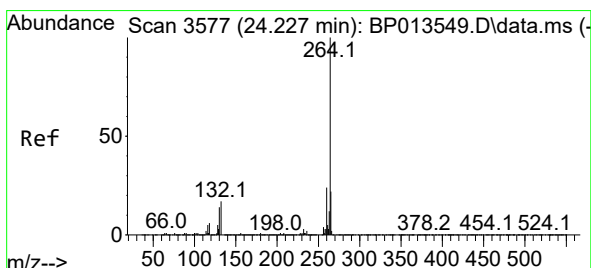
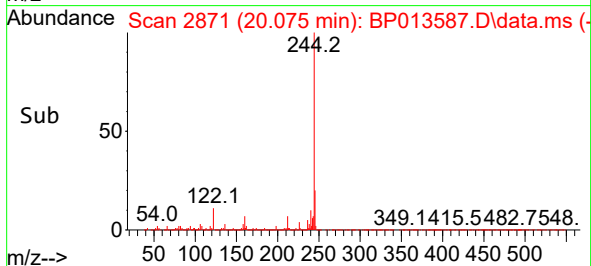
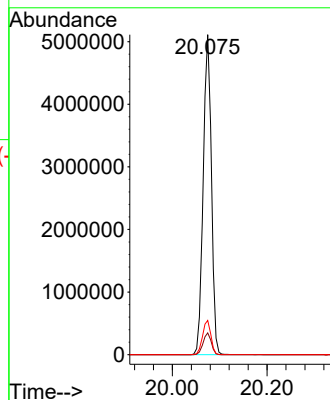
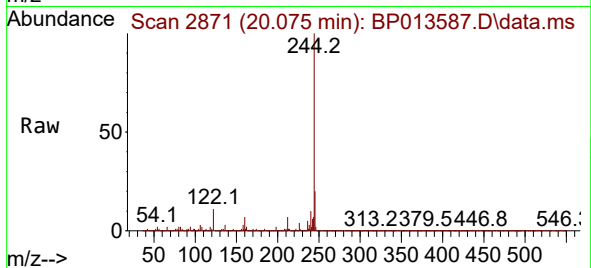
Tgt Ion:244 Resp: 6159617

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 3573

Delta R.T. -0.012 min

Lab File: BP013587.D

Acq: 25 Jan 2023 00:27

Tgt Ion:264 Resp: 1537060

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.3 17.4 26.2

