

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016537.D
 Acq On : 08 Aug 2023 14:25
 Operator : MA/JU
 Sample : 03908-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-368

Quant Time: Aug 08 15:15:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 18:07:40 2023
 Response via : Initial Calibration

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

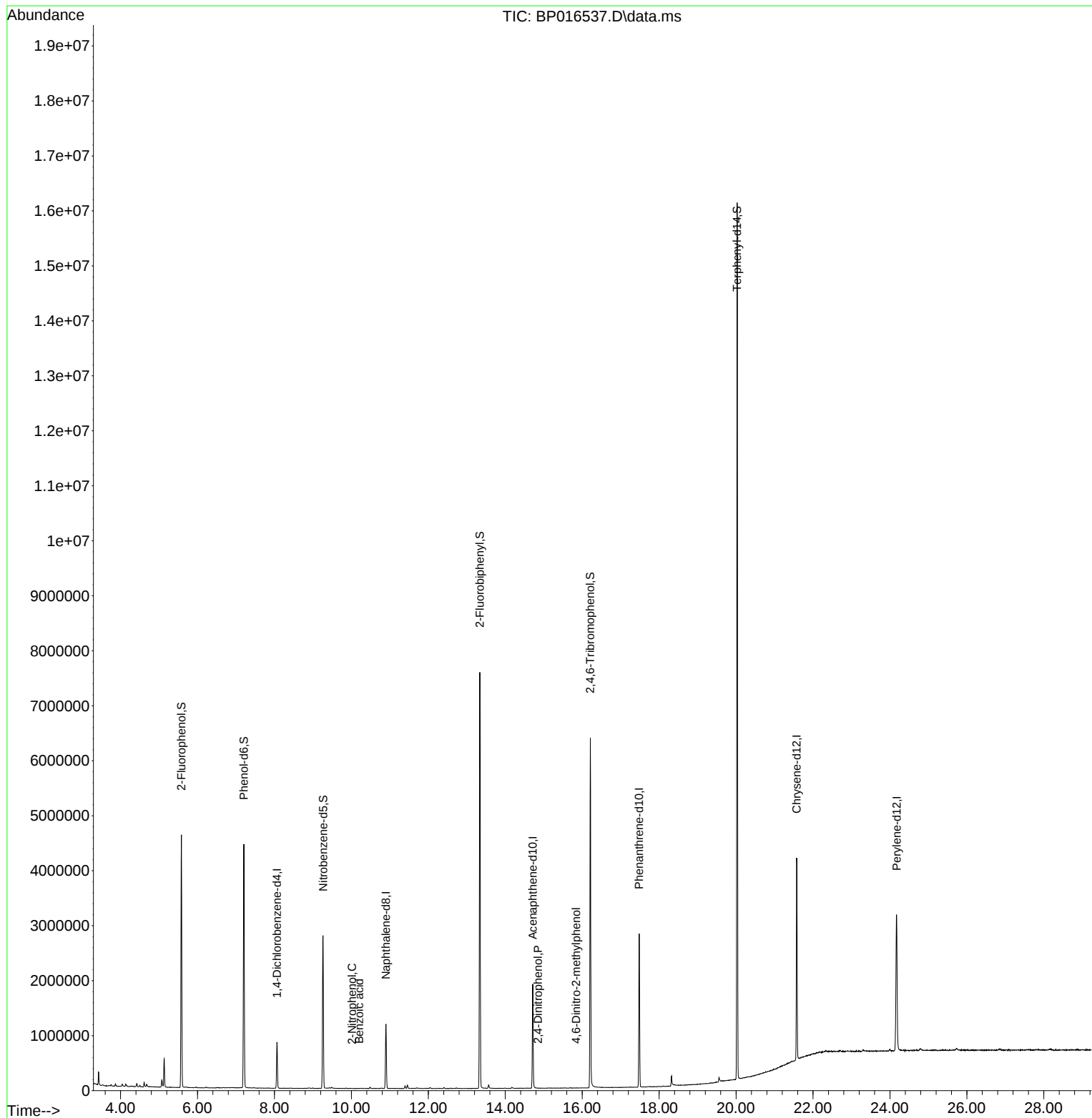
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	223179	20.000	ng	-0.03
21) Naphthalene-d8	10.899	136	956869	20.000	ng	-0.03
39) Acenaphthene-d10	14.716	164	626005	20.000	ng	-0.02
64) Phenanthrene-d10	17.481	188	1615556	20.000	ng	-0.02
76) Chrysene-d12	21.575	240	1736645	20.000	ng	#-0.02
86) Perylene-d12	24.174	264	1926387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2028469	148.279	ng	-0.02
7) Phenol-d6	7.205	99	2610987	139.245	ng	-0.02
23) Nitrobenzene-d5	9.263	82	1626077	95.128	ng	-0.03
42) 2,4,6-Tribromophenol	16.210	330	1141313	123.929	ng	-0.02
45) 2-Fluorobiphenyl	13.340	172	3834883	87.826	ng	-0.02
79) Terphenyl-d14	20.028	244	7440608	90.506	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.205	77	5664	Below Cal	#	7
26) 2-Nitrophenol	10.016	139	17	3.128 ng	#	1
32) Benzoic acid	10.205	122	762	6.351 ng	#	1
54) 2,4-Dinitrophenol	14.851	184	11	8.004 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.840	198	19	6.304 ng	#	1

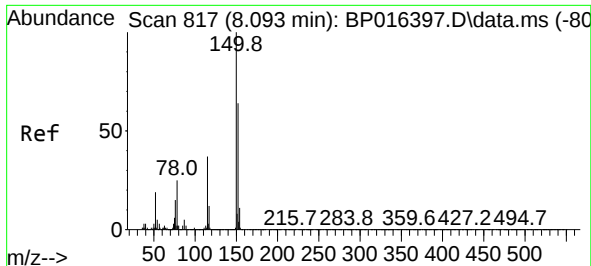
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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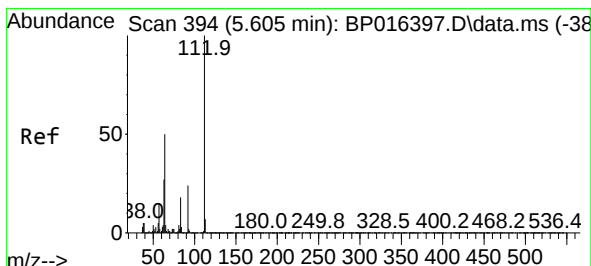
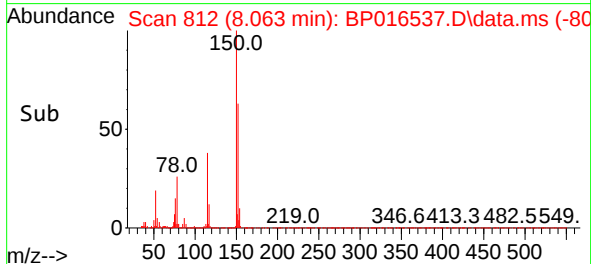
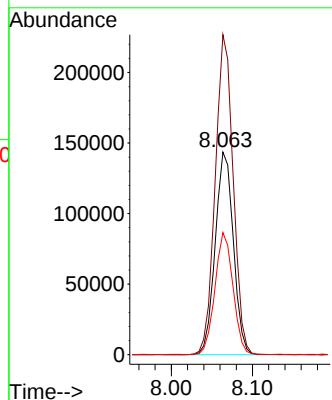
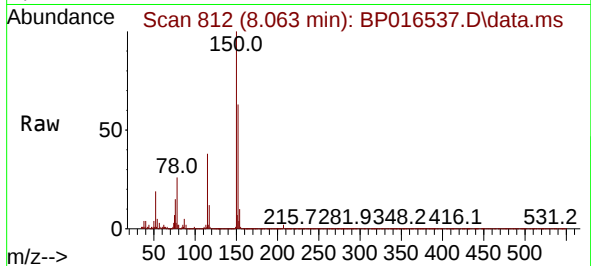




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

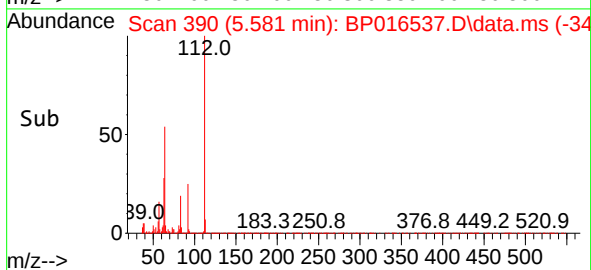
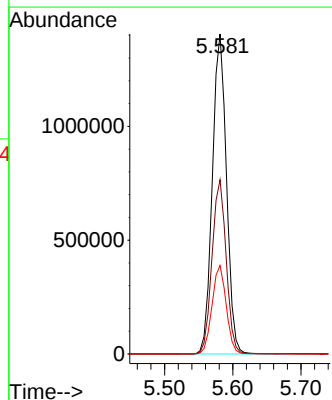
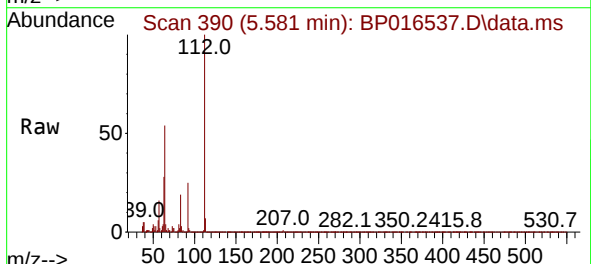
Instrument :
BNA_P
ClientSampleId :
ETGI-368

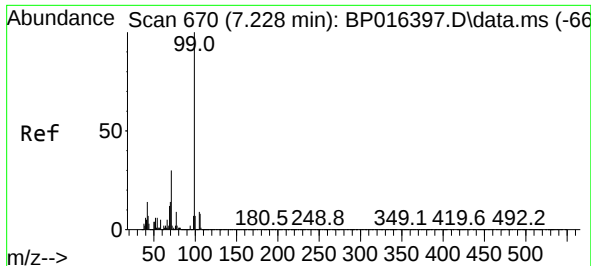
Tgt Ion:152 Resp: 223179
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 60.3 46.8 70.2



#5
2-Fluorophenol
Concen: 148.279 ng
RT: 5.581 min Scan# 390
Delta R.T. -0.024 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

Tgt Ion:112 Resp: 2028469
Ion Ratio Lower Upper
112 100
64 54.4 40.0 60.0
63 27.7 21.2 31.8

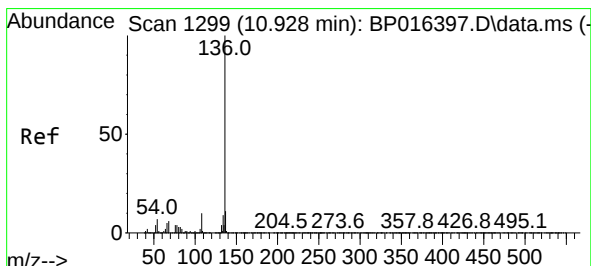
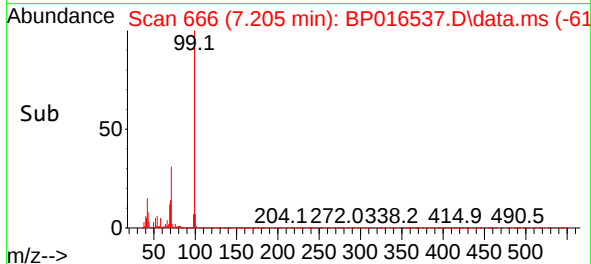
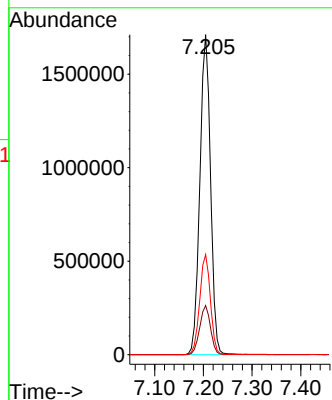
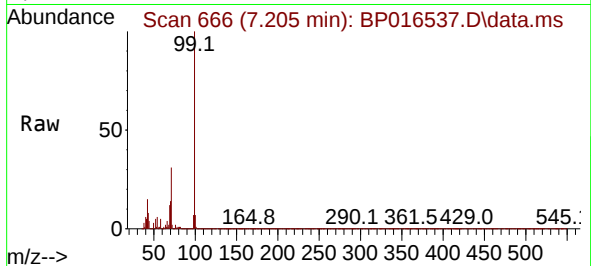




#7
Phenol-d6
Concen: 139.245 ng
RT: 7.205 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

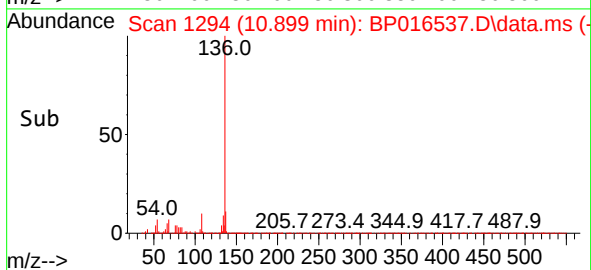
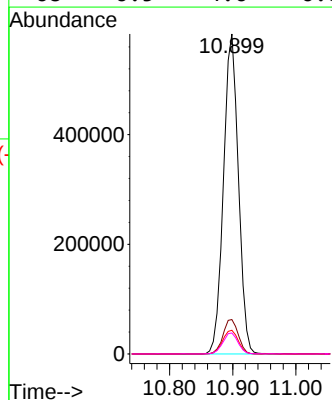
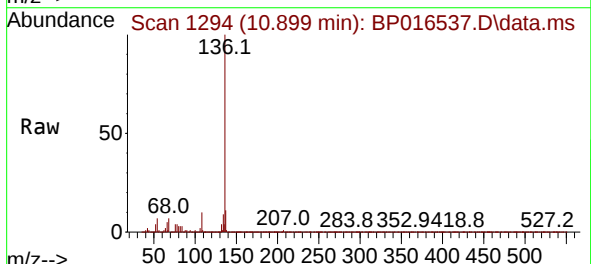
Instrument :
BNA_P
ClientSampleId :
ETGI-368

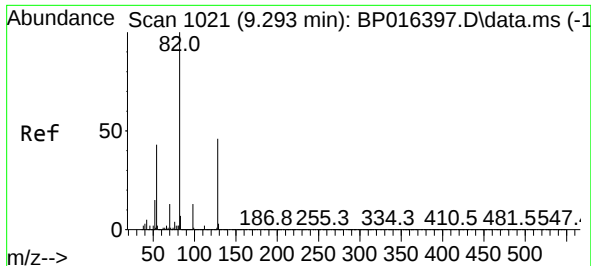
Tgt Ion: 99 Resp: 2610987
Ion Ratio Lower Upper
99 100
42 15.4 11.6 17.4
71 31.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1294
Delta R.T. -0.029 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

Tgt Ion: 136 Resp: 956869
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.4 5.6 8.4
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.128 ng

RT: 9.263 min Scan# 1016

Delta R.T. -0.029 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

Instrument :

BNA_P

ClientSampleId :

ETGI-368

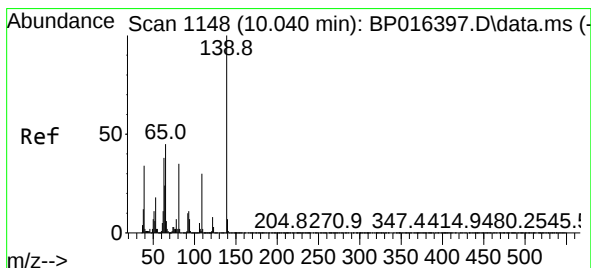
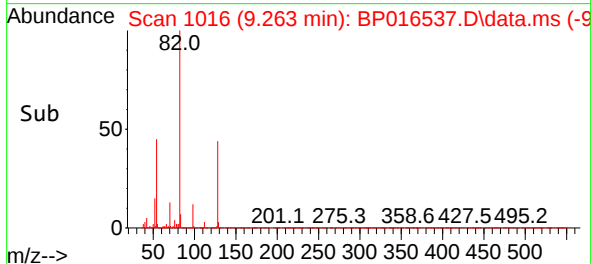
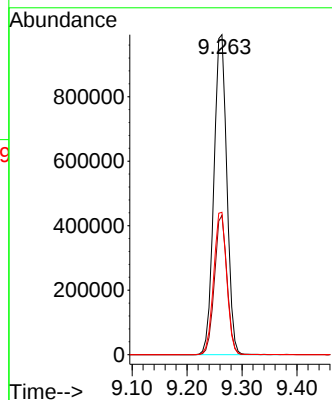
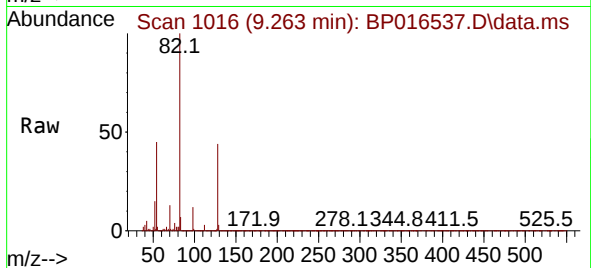
Tgt Ion: 82 Resp: 1626077

Ion Ratio Lower Upper

82 100

128 43.5 36.6 55.0

54 44.5 34.5 51.7



#26

2-Nitrophenol

Concen: 3.128 ng

RT: 10.016 min Scan# 1144

Delta R.T. -0.024 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

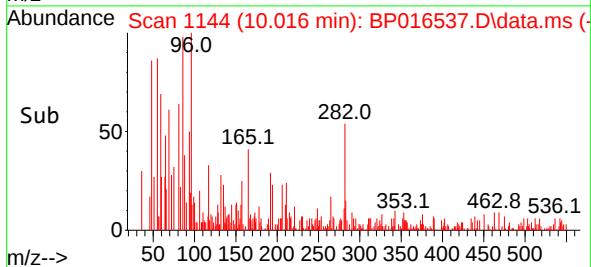
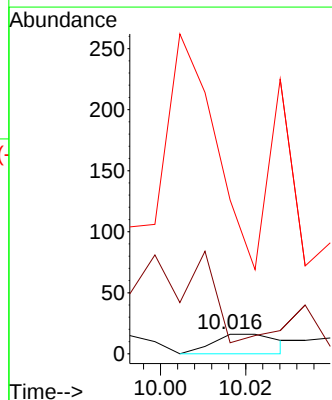
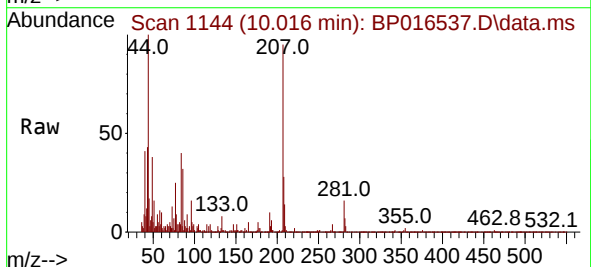
Tgt Ion: 139 Resp: 17

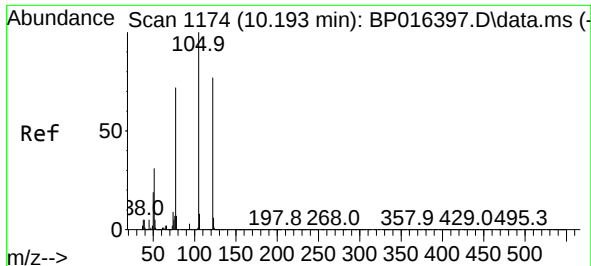
Ion Ratio Lower Upper

139 100

109 56.3 24.2 36.4#

65 1075.0 35.8 53.6#

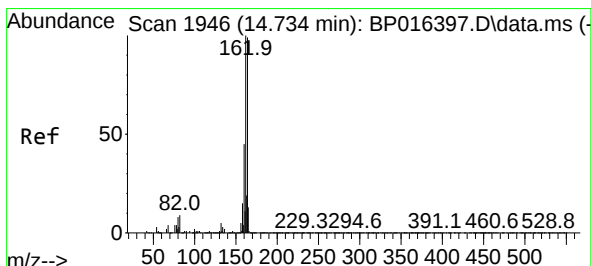
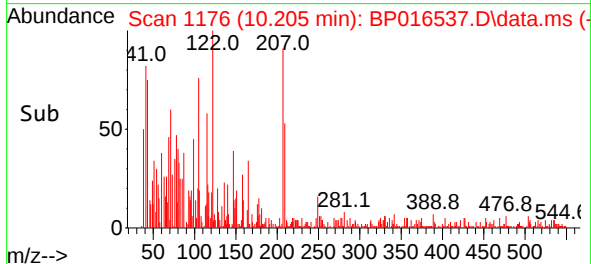
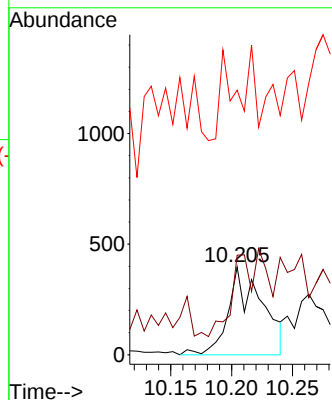
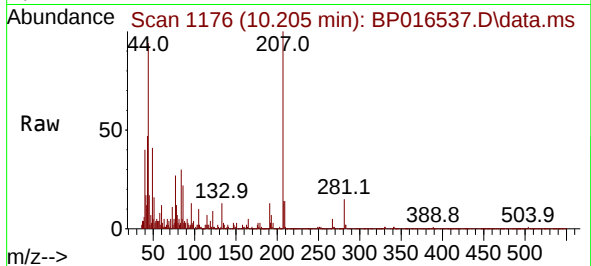




#32
Benzoic acid
Concen: 6.351 ng
RT: 10.205 min Scan# 1174
Delta R.T. 0.012 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

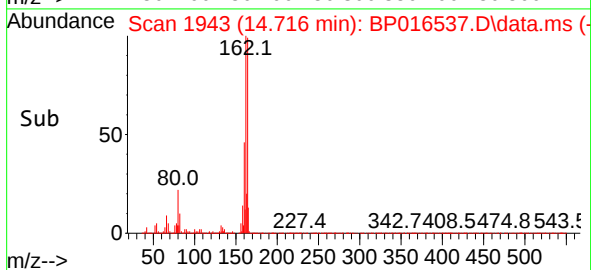
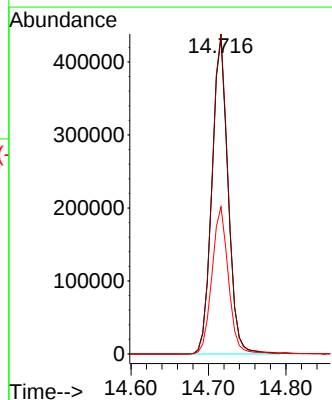
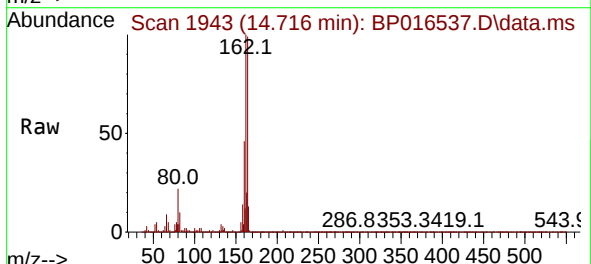
Instrument :
BNA_P
ClientSampleId :
ETGI-368

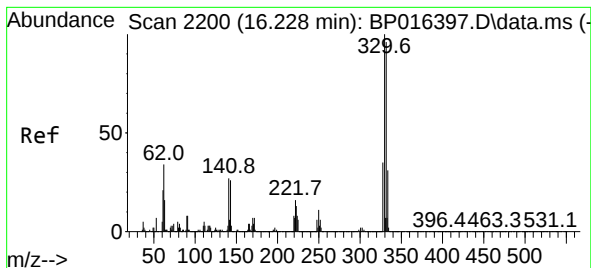
Tgt Ion:122 Resp: 762
Ion Ratio Lower Upper
122 100
105 113.4 105.2 145.2
77 301.3 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

Tgt Ion:164 Resp: 626005
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 123.929 ng

RT: 16.210 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

Instrument :

BNA_P

ClientSampleId :

ETGI-368

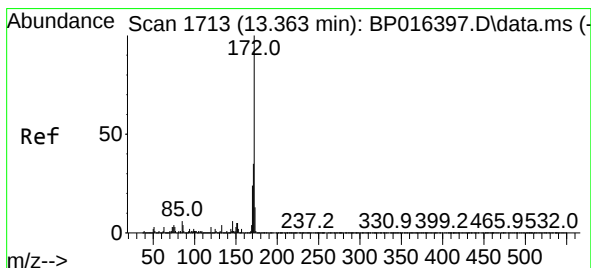
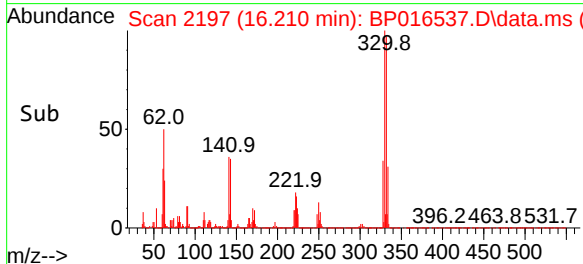
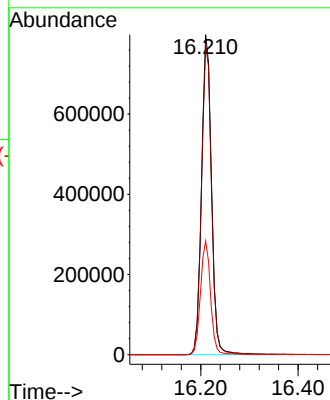
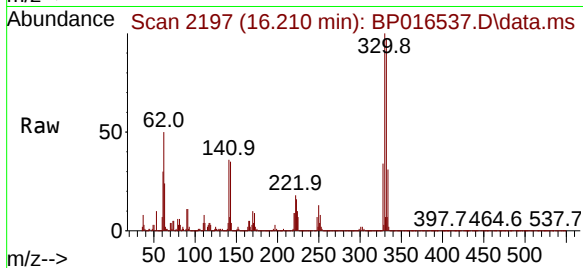
Tgt Ion:330 Resp: 1141313

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 36.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 87.826 ng

RT: 13.340 min Scan# 1709

Delta R.T. -0.024 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

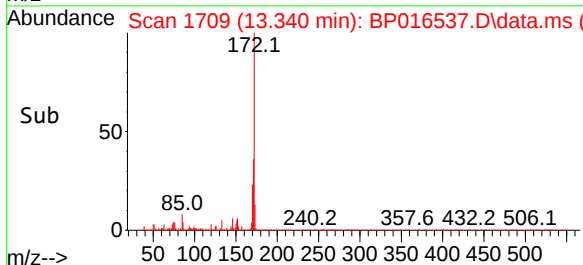
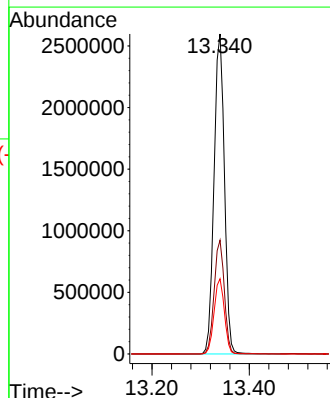
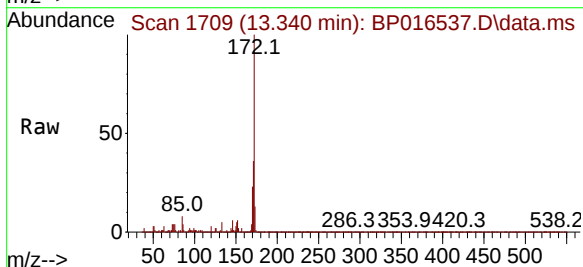
Tgt Ion:172 Resp: 3834883

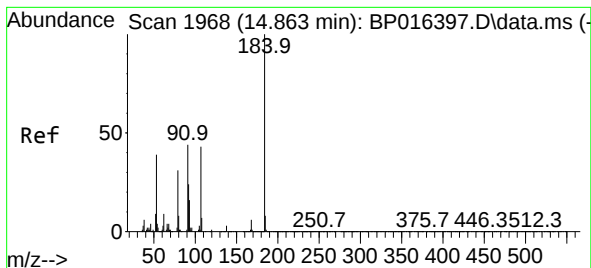
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 19.1 28.7

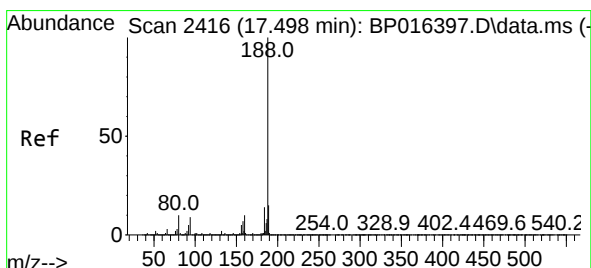
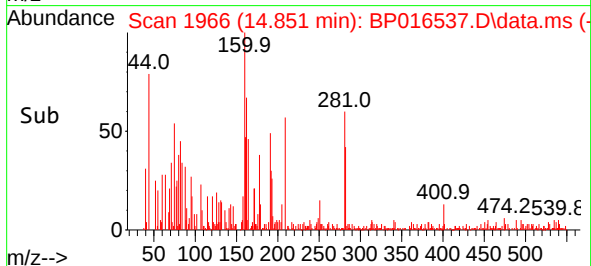
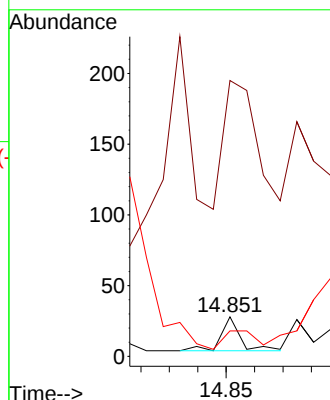
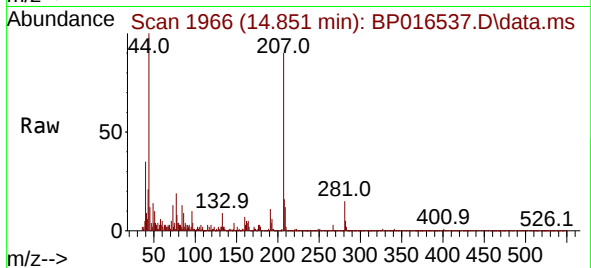




#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

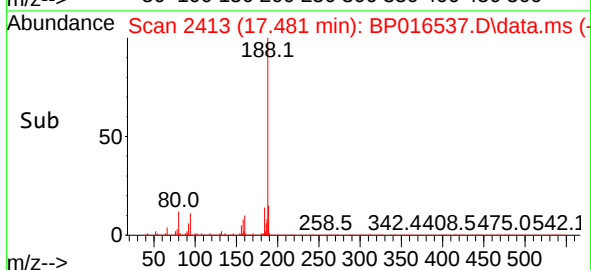
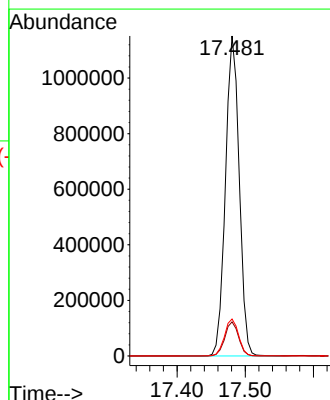
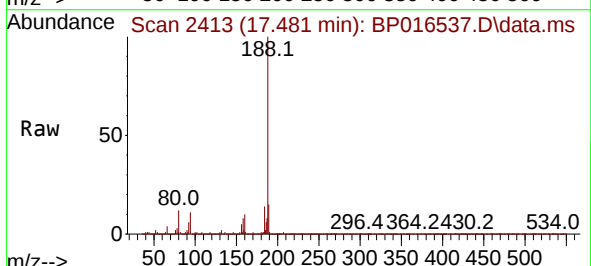
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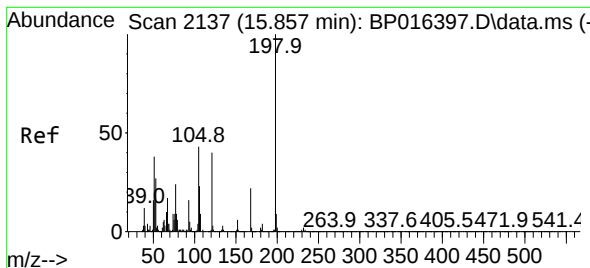
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 696.4 48.2 72.4#
154 64.3 49.6 74.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

Tgt Ion:188 Resp: 1615556
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 11.5 7.8 11.8

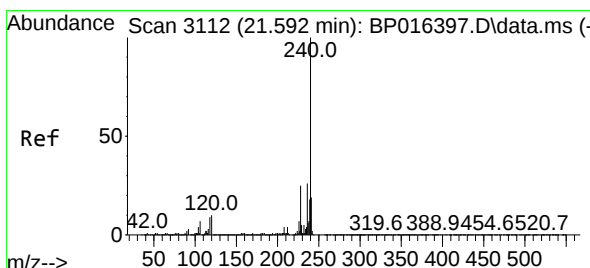
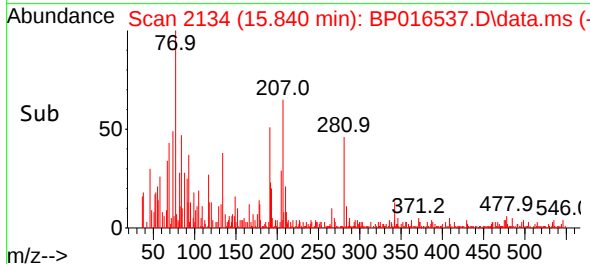
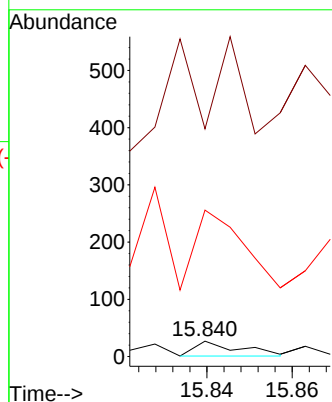
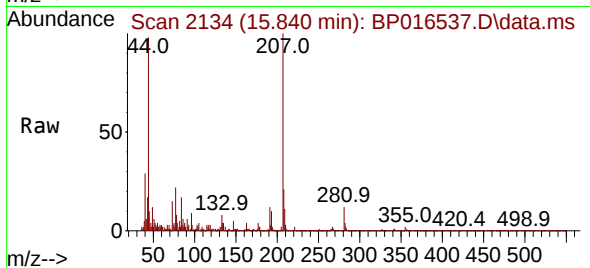




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.840 min Scan# 2137
Delta R.T. -0.017 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

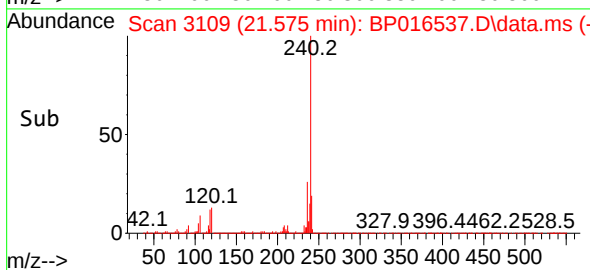
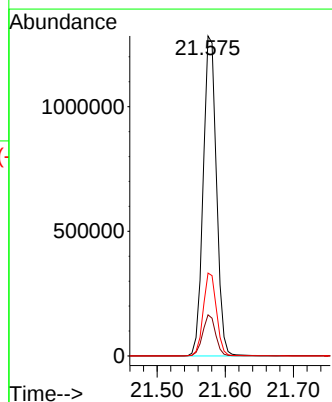
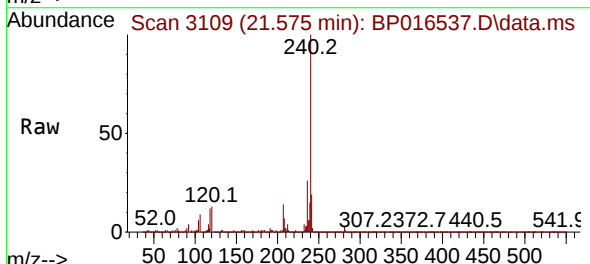
Instrument :
BNA_P
ClientSampleId :
ETGI-368

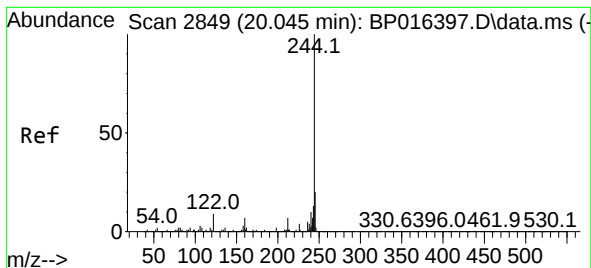
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 1474.1 20.1 60.1#
105 948.1 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3109
Delta R.T. -0.018 min
Lab File: BP016537.D
Acq: 08 Aug 2023 14:25

Tgt Ion:240 Resp: 1736645
Ion Ratio Lower Upper
240 100
120 12.9 7.9 11.9#
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 90.506 ng

RT: 20.028 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

Instrument :

BNA_P

ClientSampleId :

ETGI-368

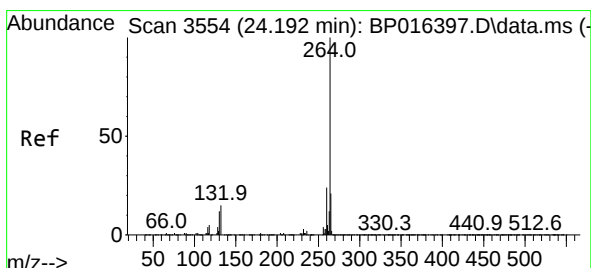
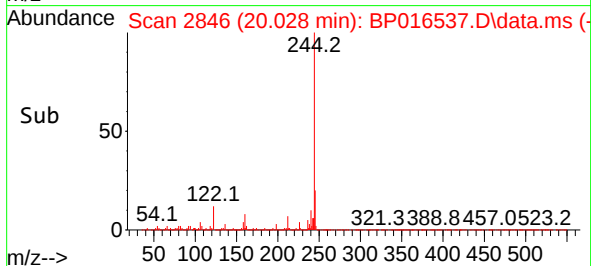
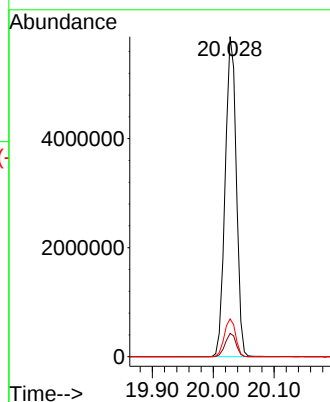
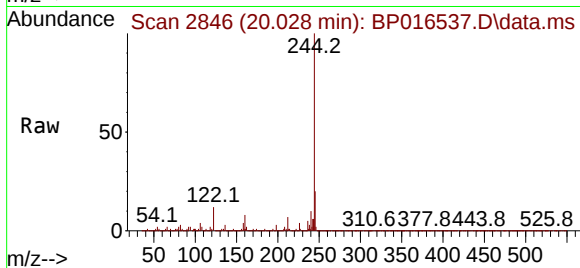
Tgt Ion:244 Resp: 7440608

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.8 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016537.D

Acq: 08 Aug 2023 14:25

Tgt Ion:264 Resp: 1926387

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.6 17.4 26.0

