

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024402.D
 Acq On : 23 Apr 2025 18:57
 Operator : RC/JU
 Sample : Q1852-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354

Quant Time: Apr 24 02:39:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

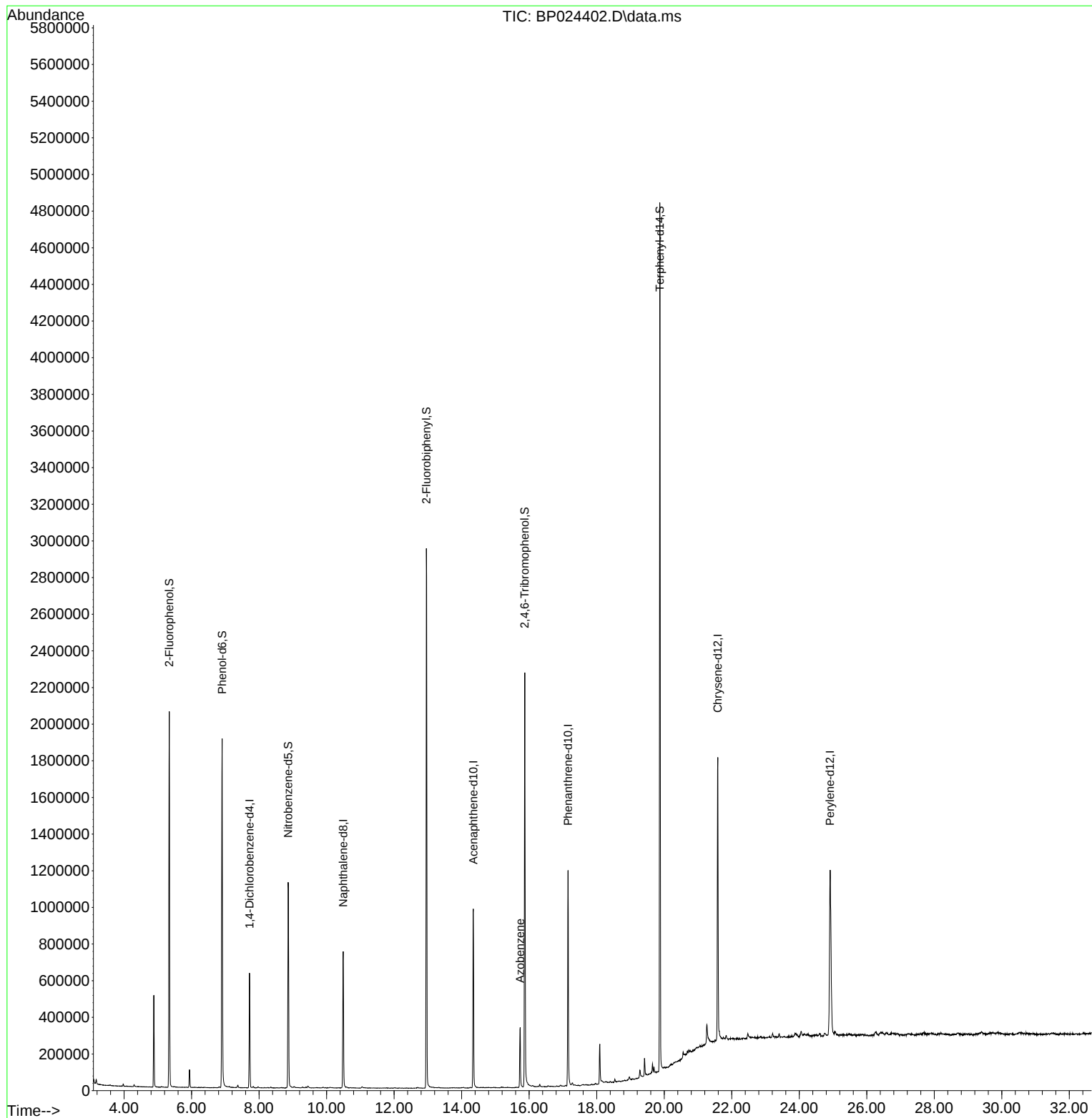
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	163314	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	625942	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	356061	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	691828	20.000	ng	0.00
76) Chrysene-d12	21.586	240	874218	20.000	ng	0.00
86) Perylene-d12	24.915	264	1084650	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	899801	91.099	ng	0.00
7) Phenol-d6	6.905	99	1156284	85.495	ng	0.00
23) Nitrobenzene-d5	8.863	82	679322	61.884	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	484178	98.284	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1476311	63.483	ng	0.00
79) Terphenyl-d14	19.869	244	2522193	58.153	ng	0.00
Target Compounds						
63) Azobenzene	15.734	77	104530	4.262	ng	Qvalue # 1

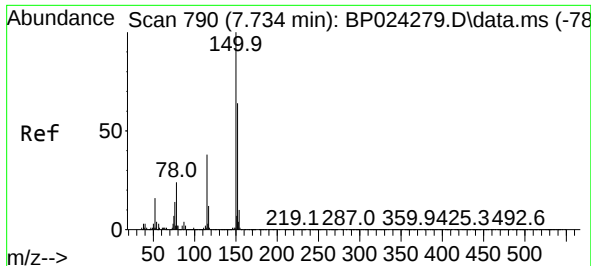
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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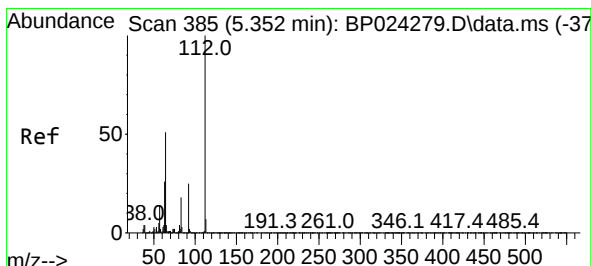
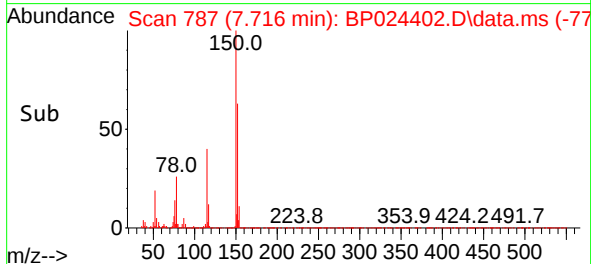
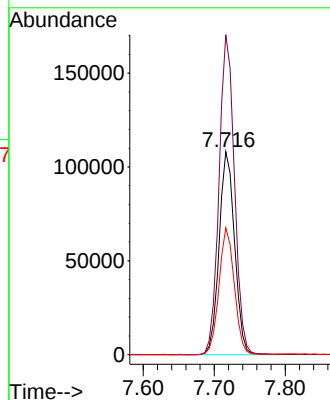
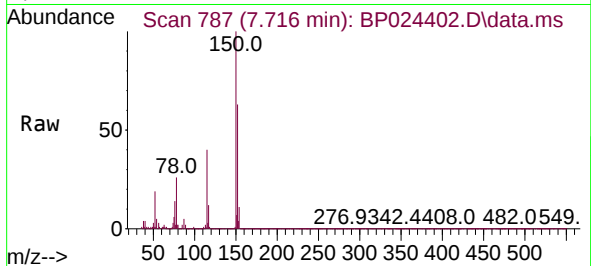




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

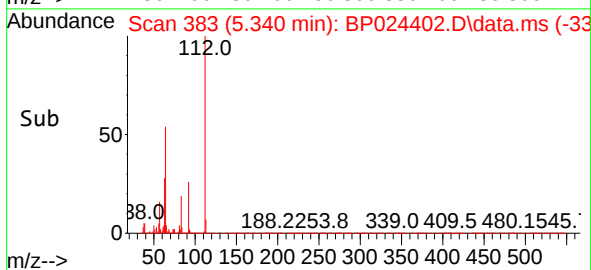
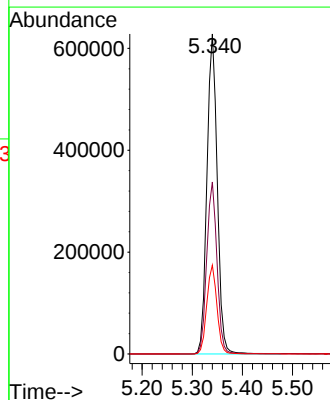
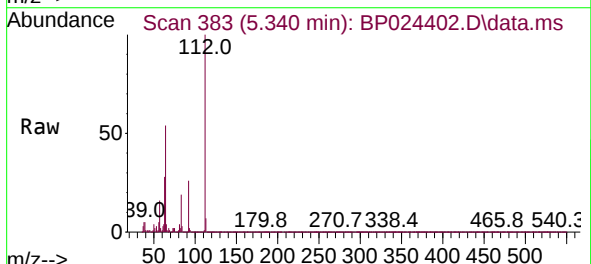
Instrument :
BNA_P
ClientSampleId :
ETGI-354

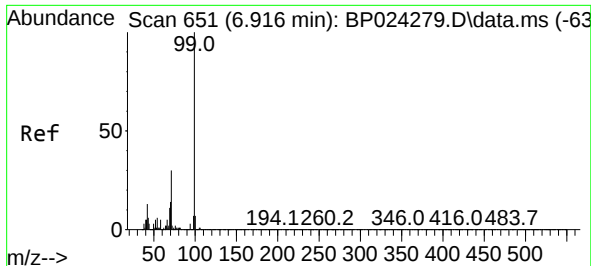
Tgt Ion:152 Resp: 163314
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 91.099 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

Tgt Ion:112 Resp: 899801
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.8 20.6 30.8

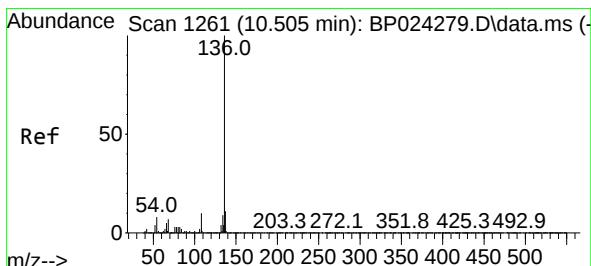
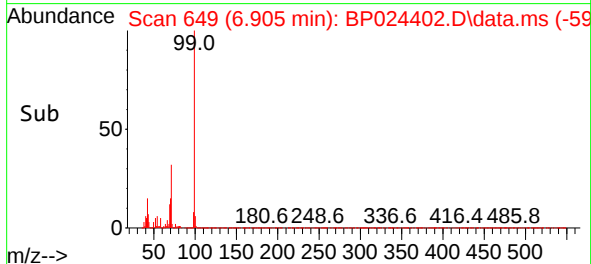
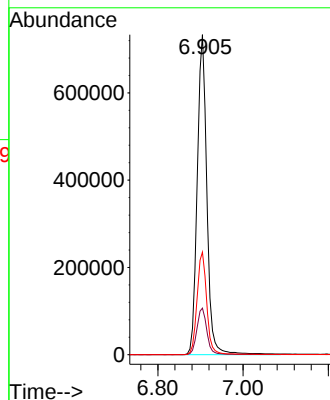
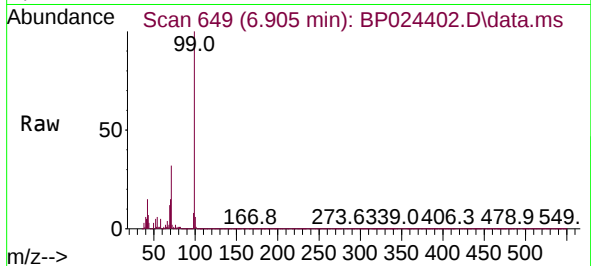




#7
Phenol-d6
Concen: 85.495 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

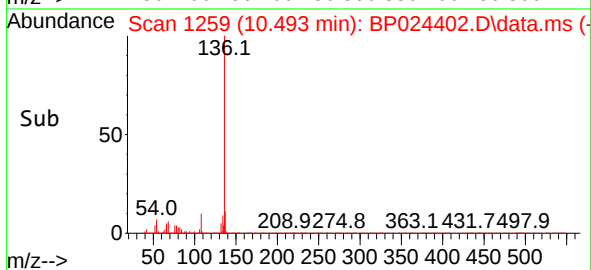
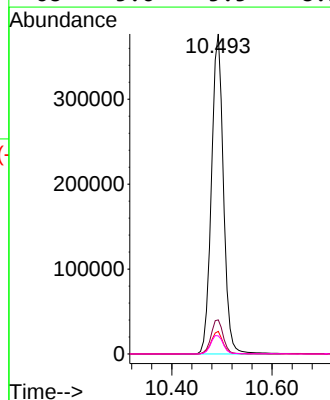
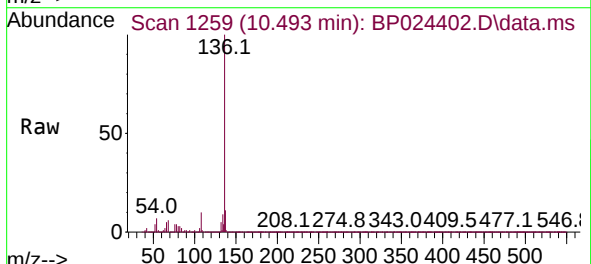
Instrument :
BNA_P
ClientSampleId :
ETGI-354

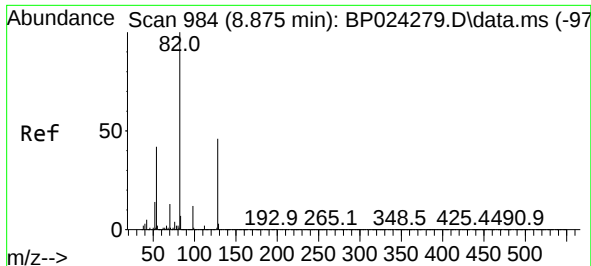
Tgt Ion: 99 Resp: 1156284
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 32.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

Tgt Ion: 136 Resp: 625942
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.0 6.0 9.0
68 5.6 5.5 8.3

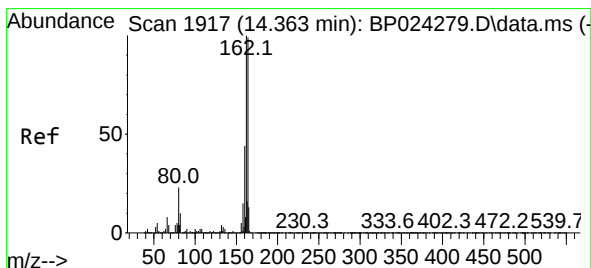
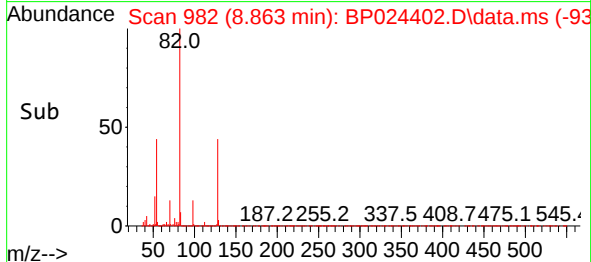
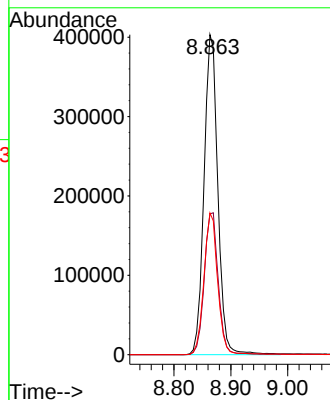
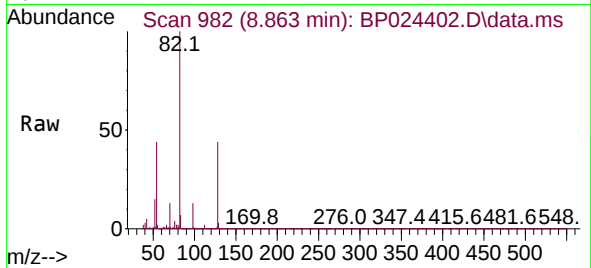




#23
 Nitrobenzene-d5
 Concen: 61.884 ng
 RT: 8.863 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024402.D
 Acq: 23 Apr 2025 18:57

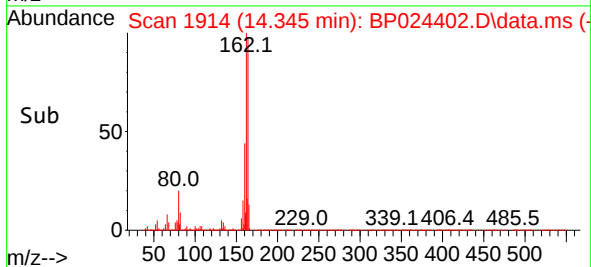
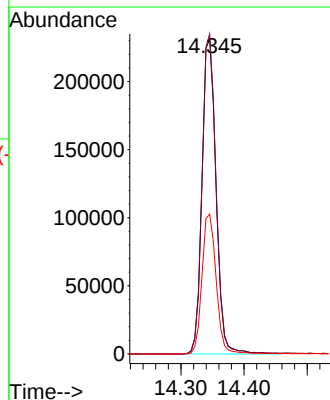
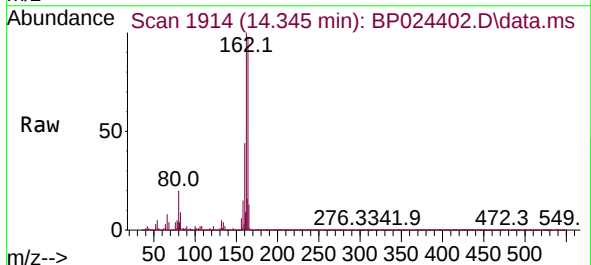
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354

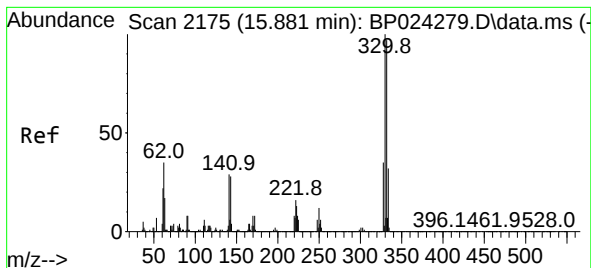
Tgt Ion: 82 Resp: 679322
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.5 54.7
 54 44.3 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024402.D
 Acq: 23 Apr 2025 18:57

Tgt Ion: 164 Resp: 356061
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 44.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 98.284 ng

RT: 15.869 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024402.D

Acq: 23 Apr 2025 18:57

Instrument :

BNA_P

ClientSampleId :

ETGI-354

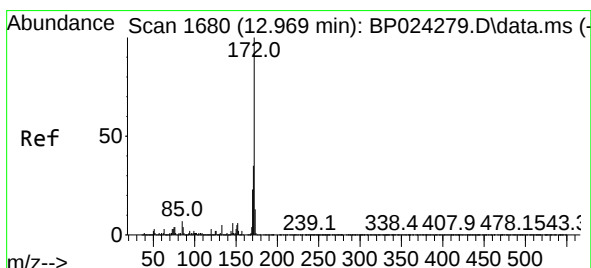
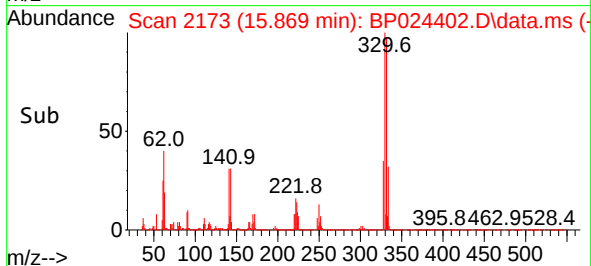
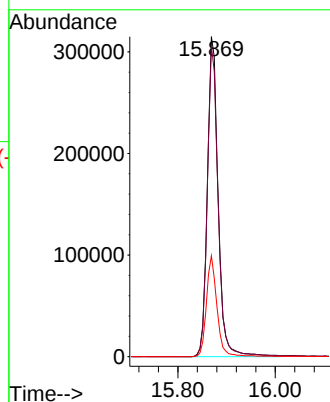
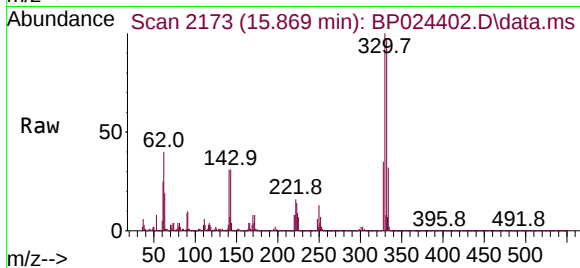
Tgt Ion:330 Resp: 484178

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 63.483 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024402.D

Acq: 23 Apr 2025 18:57

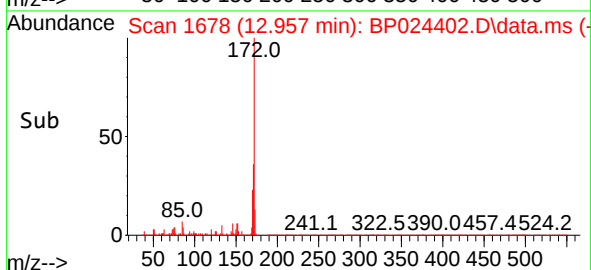
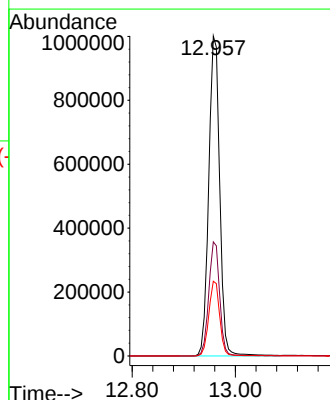
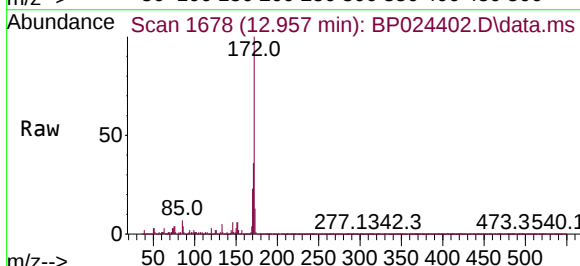
Tgt Ion:172 Resp: 1476311

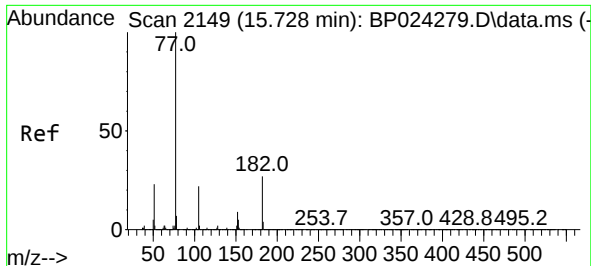
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.4 18.6 27.8

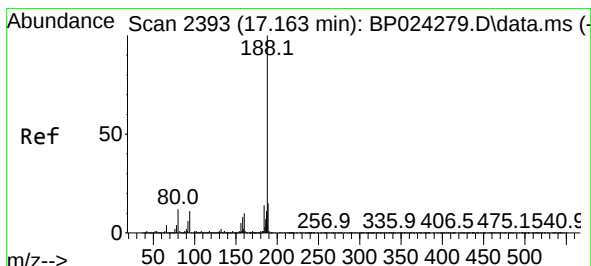
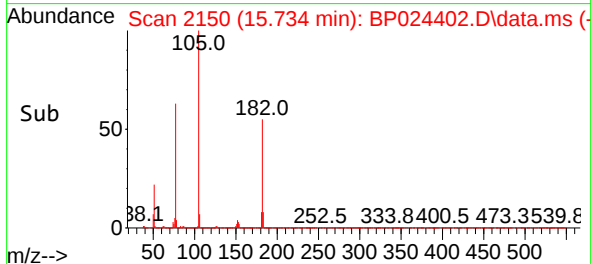
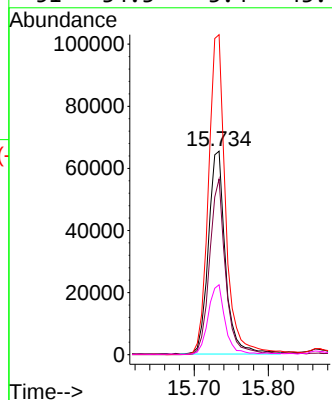
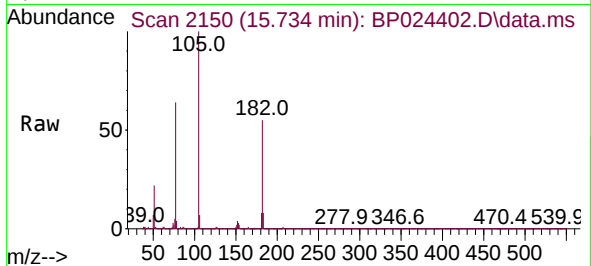




#63
Azobenzene
Concen: 4.262 ng
RT: 15.734 min Scan# 2149
Delta R.T. 0.024 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

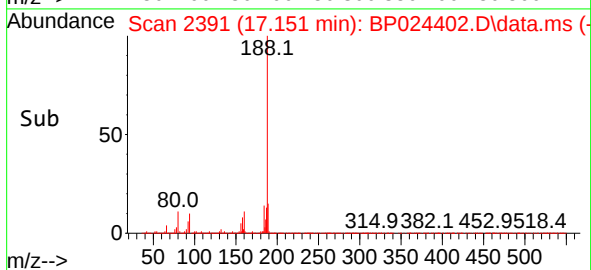
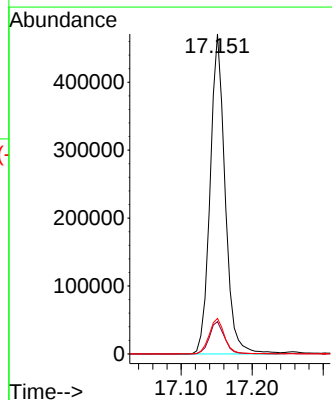
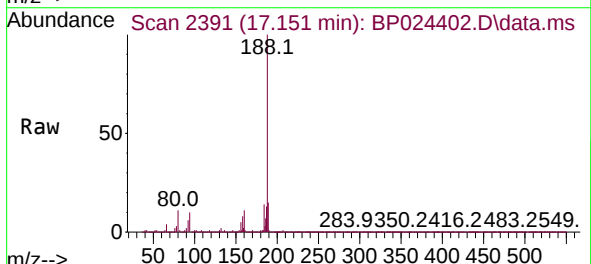
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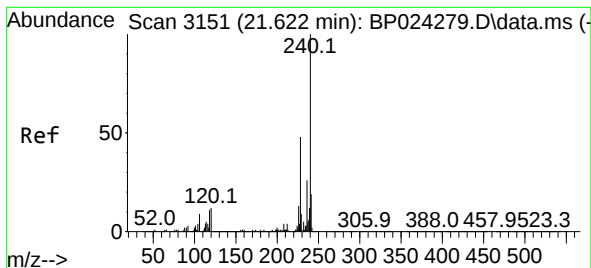
Tgt Ion: 77 Resp: 104530
Ion Ratio Lower Upper
77 100
182 86.3 7.3 47.3#
105 157.2 2.3 42.3#
51 34.3 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024402.D
Acq: 23 Apr 2025 18:57

Tgt Ion: 188 Resp: 691828
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 11.1 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP024402.D

Acq: 23 Apr 2025 18:57

Instrument :

BNA_P

ClientSampleId :

ETGI-354

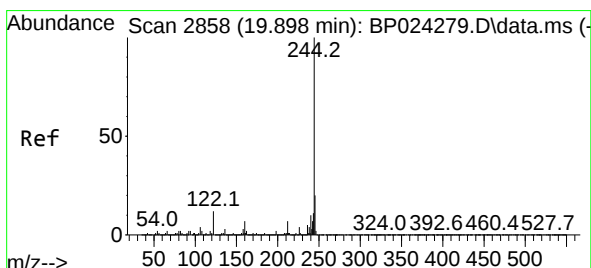
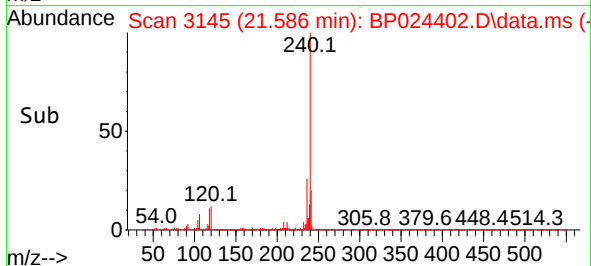
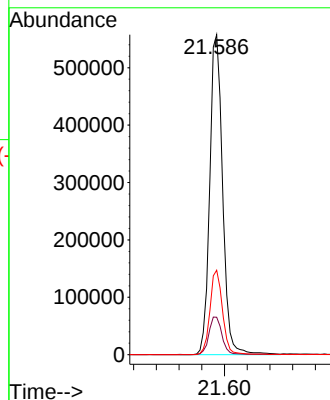
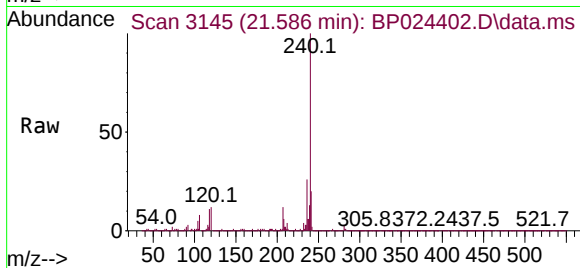
Tgt Ion:240 Resp: 874218

Ion Ratio Lower Upper

240 100

120 11.7 9.8 14.8

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 58.153 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024402.D

Acq: 23 Apr 2025 18:57

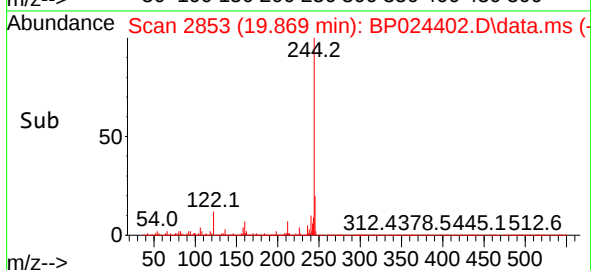
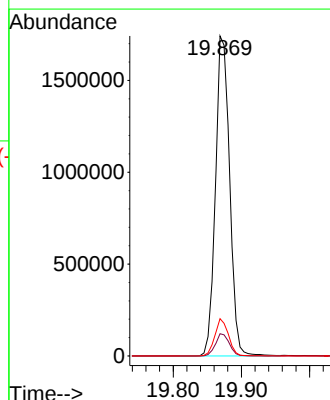
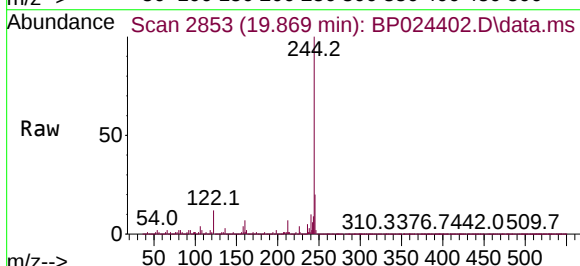
Tgt Ion:244 Resp: 2522193

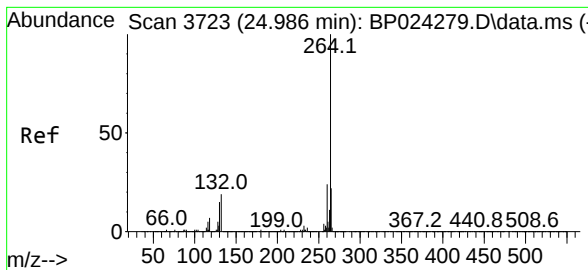
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.7 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.915 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP024402.D
 Acq: 23 Apr 2025 18:57

Instrument :
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Tgt Ion:264 Resp: 1084650

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.0	17.8	26.6

