

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061221\
 Data File : BP005892.D
 Acq On : 12 Jun 2021 17:05
 Operator : CG/JU
 Sample : M2691-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-357

Quant Time: Jun 14 02:09:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 13:53:36 2021
 Response via : Initial Calibration

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

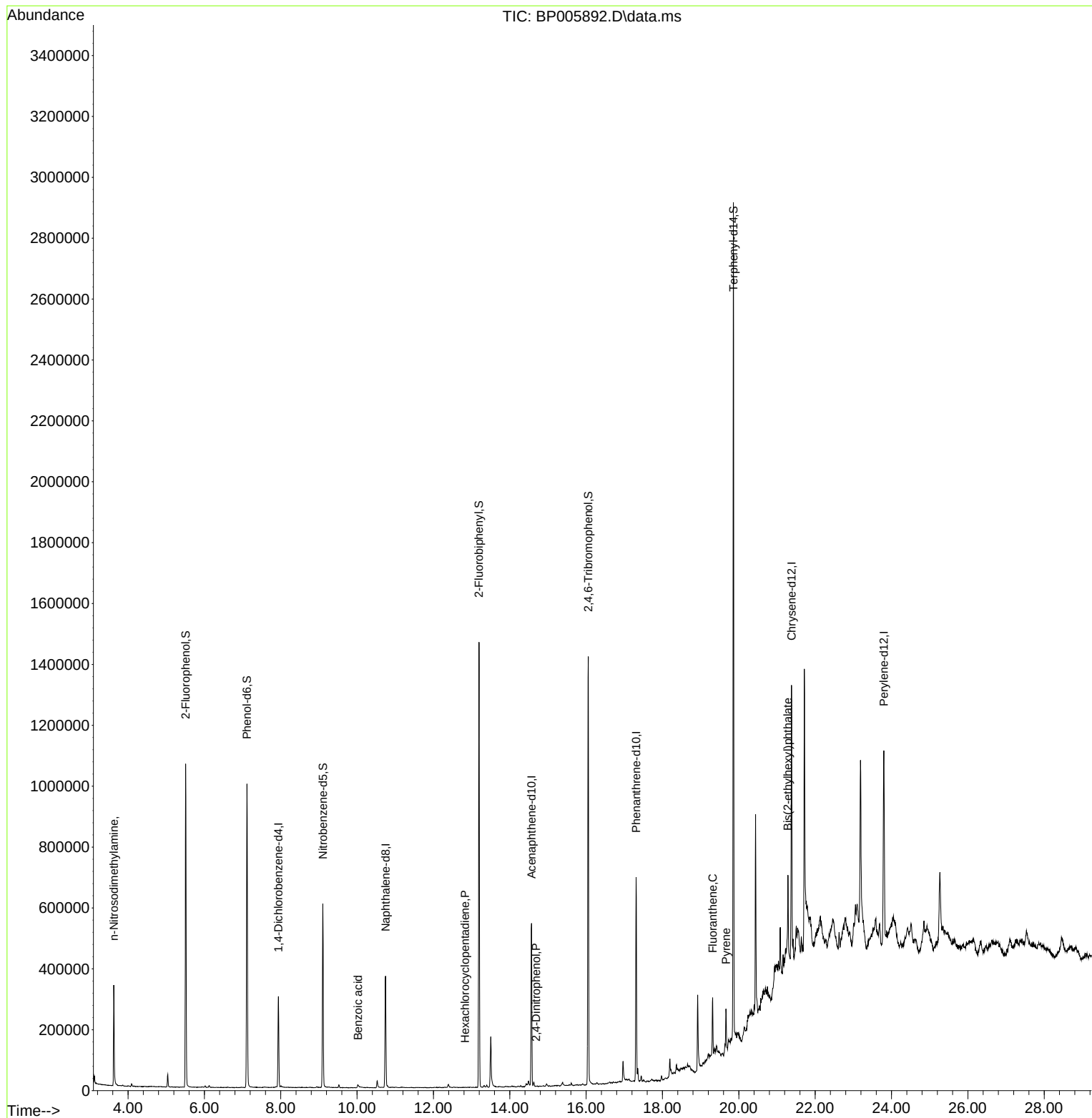
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	80078	20.00	ng	0.00
21) Naphthalene-d8	10.746	136	305376	20.00	ng	0.00
39) Acenaphthene-d10	14.569	164	187085	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	397714	20.00	ng	-0.01
76) Chrysene-d12	21.380	240	432602	20.00	ng	-0.01
86) Perylene-d12	23.798	264	493135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	473890	94.96	ng	0.00
7) Phenol-d6	7.116	99	577024	89.21	ng	0.00
23) Nitrobenzene-d5	9.105	82	348548	55.96	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	296705	92.42	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	716499	50.29	ng	-0.01
79) Terphenyl-d14	19.857	244	1227581	53.14	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.628	42	12206	4.96	ng	# 1
32) Benzoic acid	10.022	122	4742	7.51	ng	92
41) Hexachlorocyclopentadiene	12.828	237	17	5.51	ng	77
54) 2,4-Dinitrophenol	14.693	184	49	4.87	ng	# 1
75) Fluoranthene	19.316	202	101135	3.49	ng	98
78) Pyrene	19.663	202	87672	2.90	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	89593	4.92	ng	99

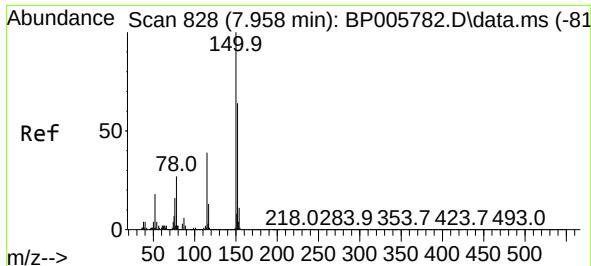
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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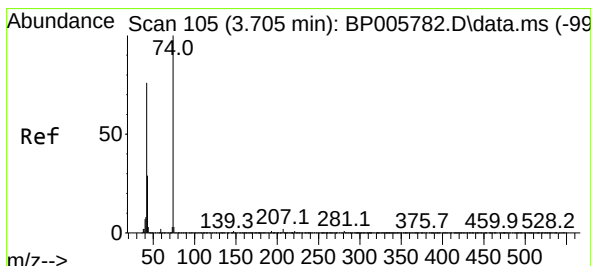
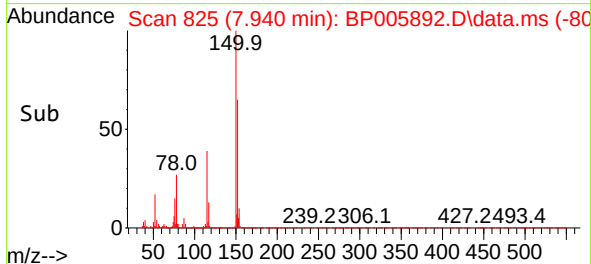
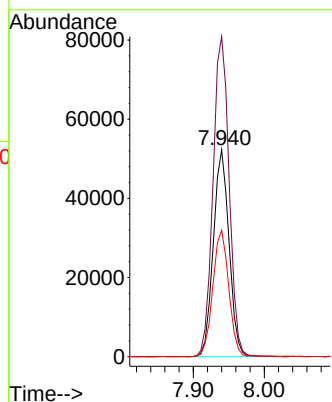
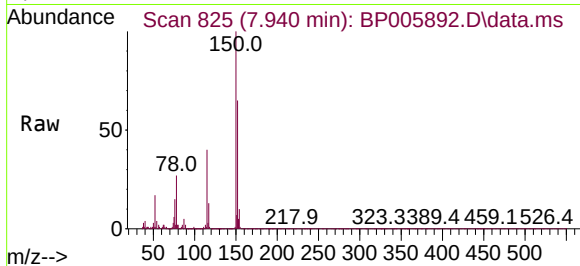




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

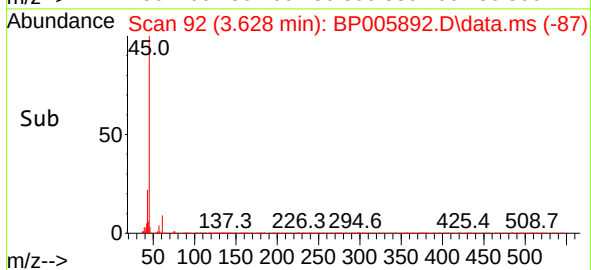
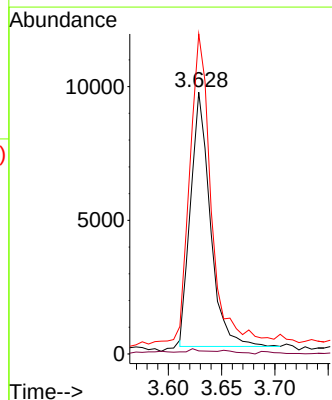
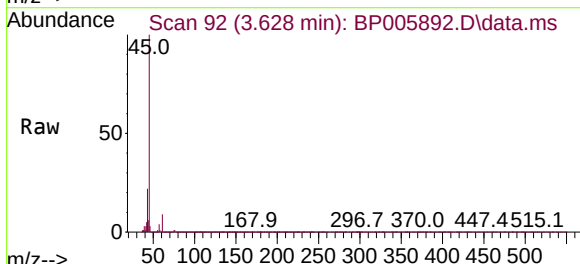
Instrument :
BNA_P
ClientSampled :
ETGI-357

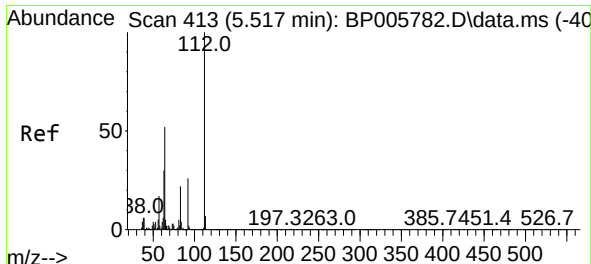
Tgt Ion:152 Resp: 80078
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 61.1 48.5 72.7



#4
n-Nitrosodimethylamine
Concen: 4.96 ng
RT: 3.628 min Scan# 92
Delta R.T. -0.071 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion: 42 Resp: 12206
Ion Ratio Lower Upper
42 100
74 1.2 105.4 158.0#
44 122.2 4.2 6.4#

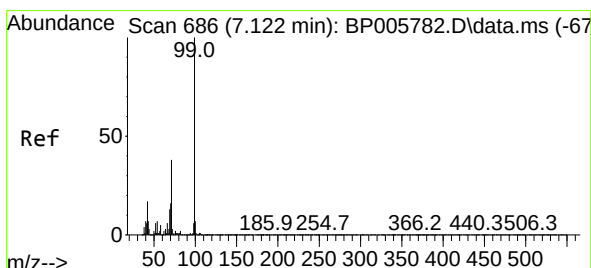
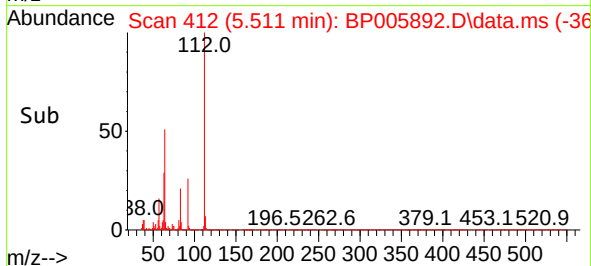
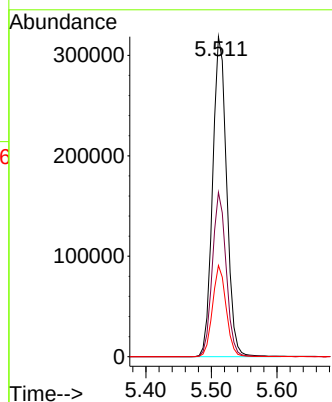
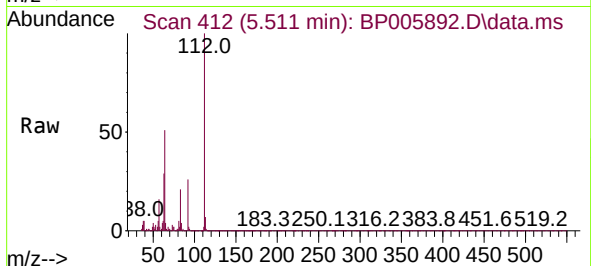




#5
2-Fluorophenol
Concen: 94.96 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

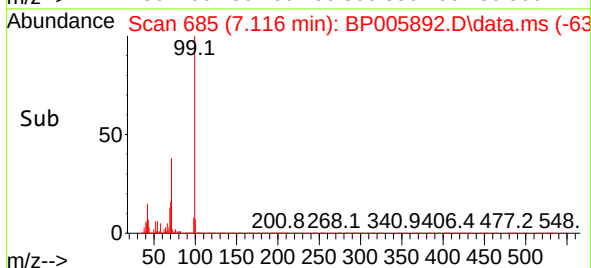
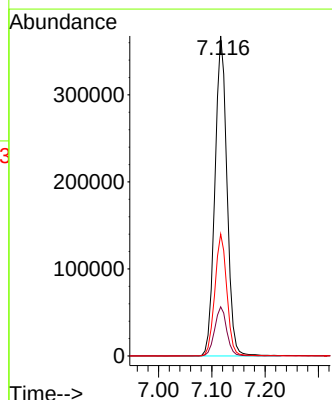
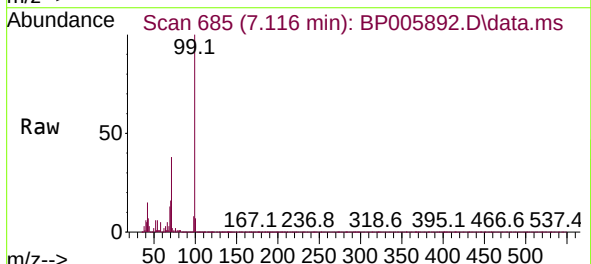
Instrument :
BNA_P
ClientSampleId :
ETGI-357

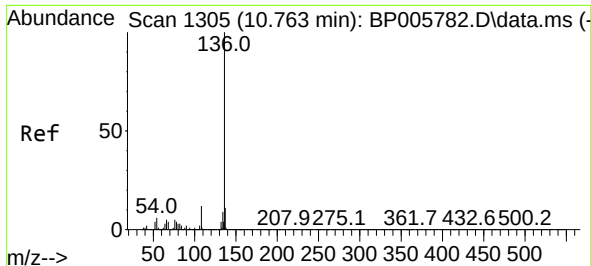
Tgt Ion:112 Resp: 473890
Ion Ratio Lower Upper
112 100
64 51.3 41.4 62.2
63 28.5 23.8 35.8



#7
Phenol-d6
Concen: 89.21 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion: 99 Resp: 577024
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 38.1 30.6 46.0

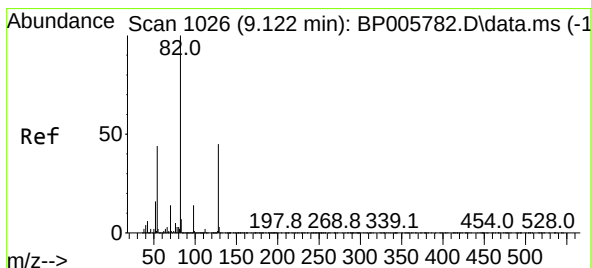
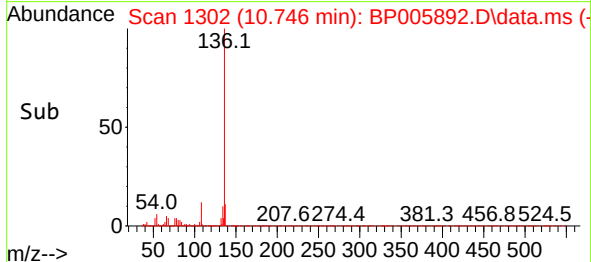
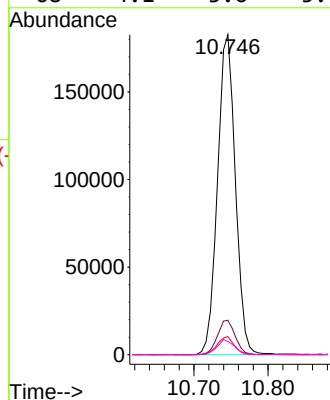
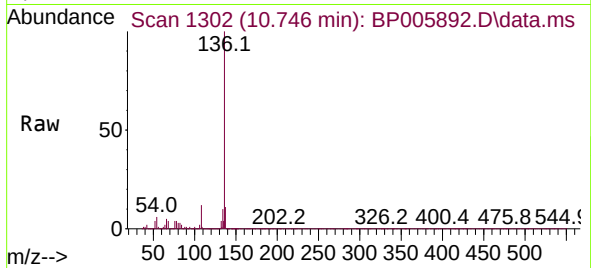




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

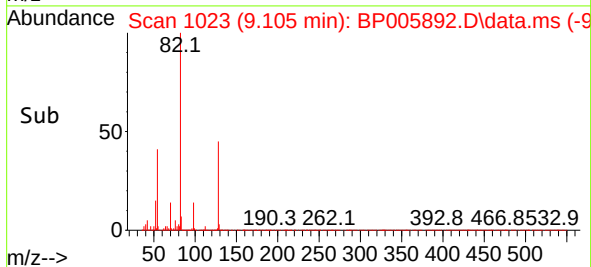
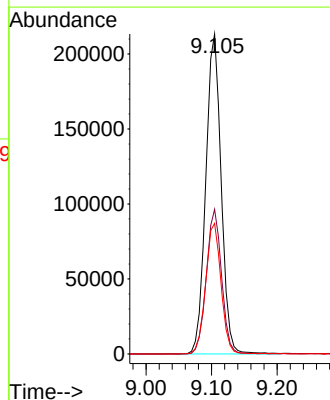
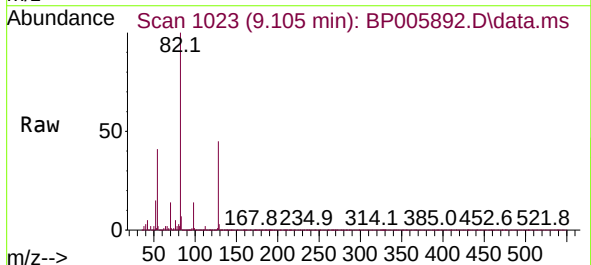
Instrument :
BNA_P
ClientSampleId :
ETGI-357

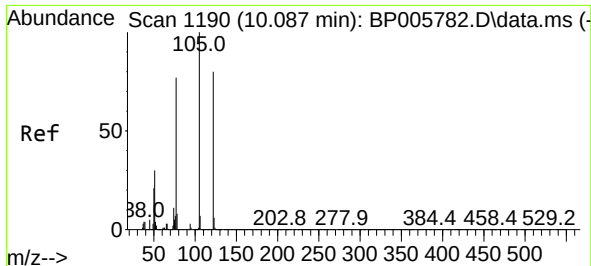
Tgt Ion:	136	Resp:	305376
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	5.7	4.6	6.8
68	4.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 55.96 ng
RT: 9.105 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:	82	Resp:	348548
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	40.8	35.0	52.4

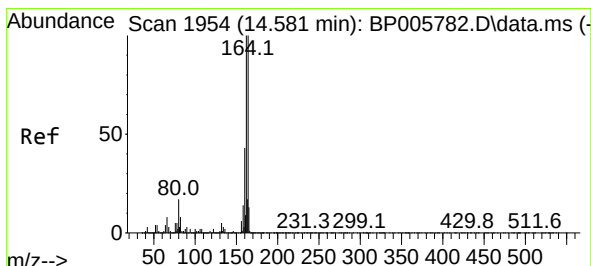
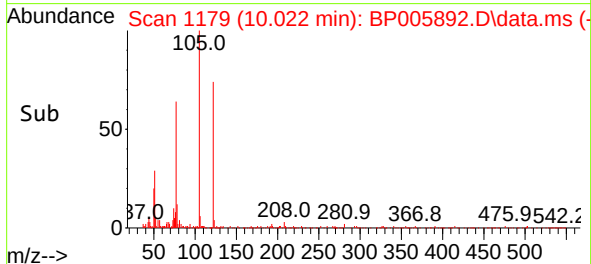
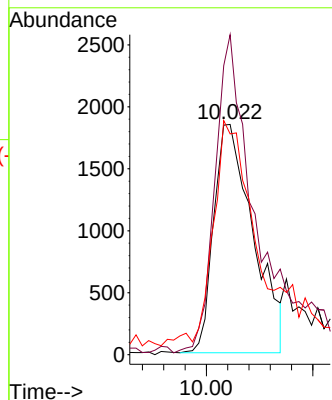
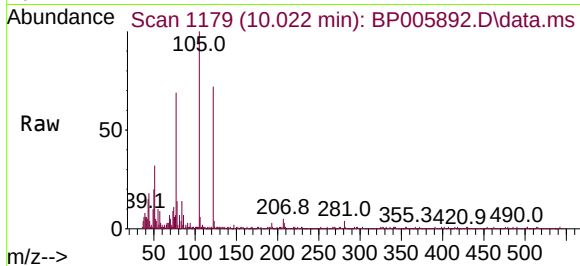




#32
Benzoic acid
Concen: 7.51 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.059 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

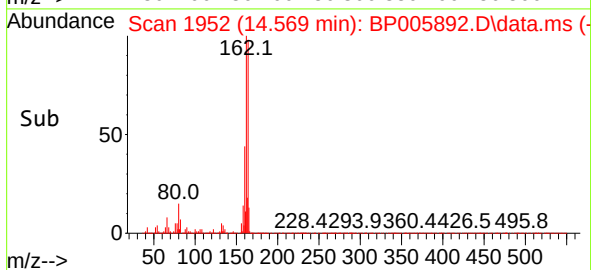
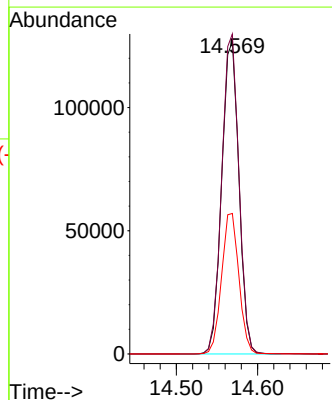
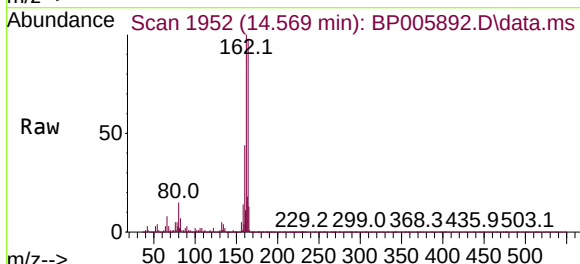
Instrument :
BNA_P
ClientSampleId :
ETGI-357

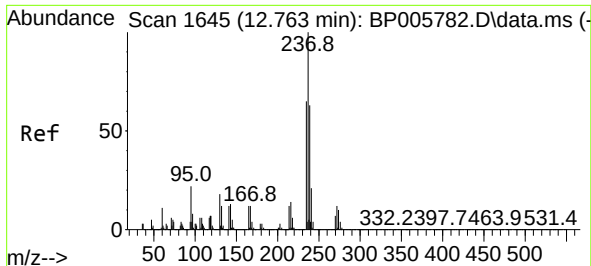
Tgt Ion:122 Resp: 4742
Ion Ratio Lower Upper
122 100
105 139.0 103.2 143.2
77 95.9 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:164 Resp: 187085
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 45.0 34.5 51.7

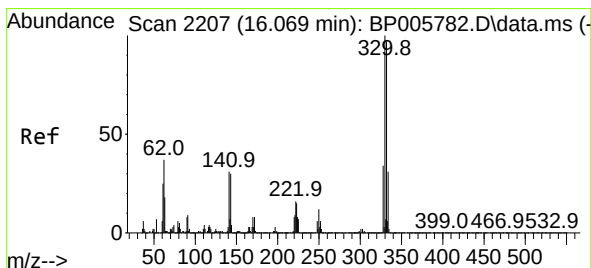
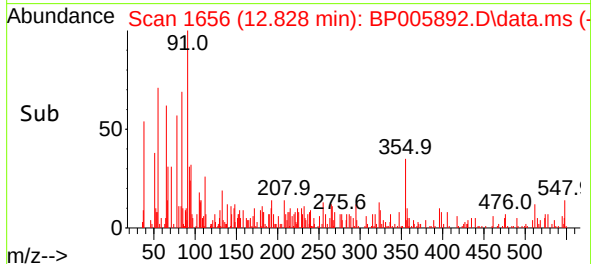
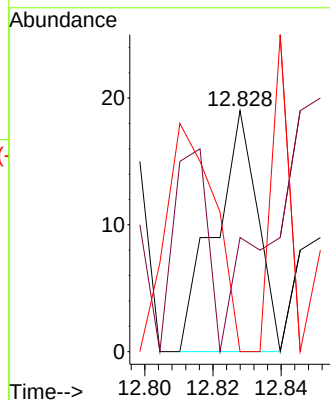
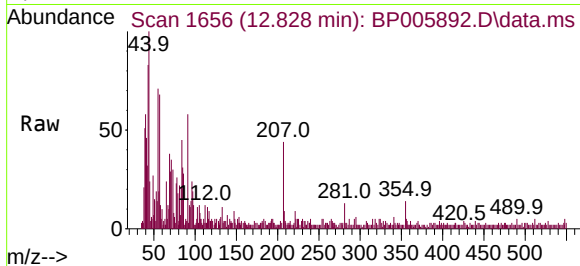




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.828 min Scan# 1656
Delta R.T. 0.071 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

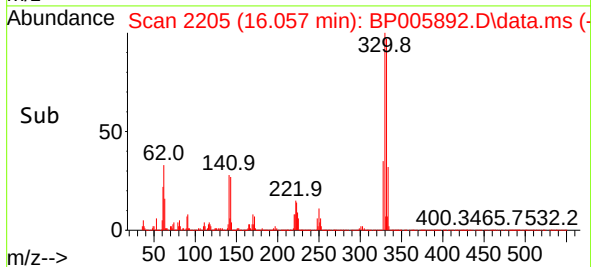
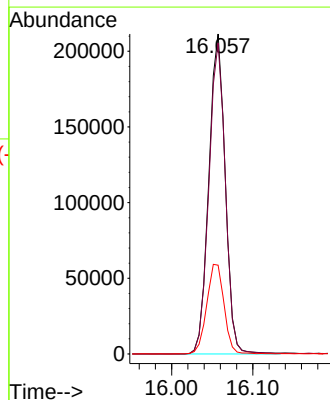
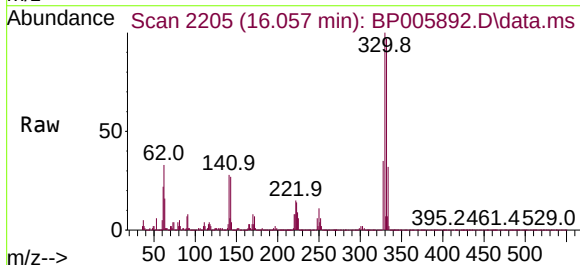
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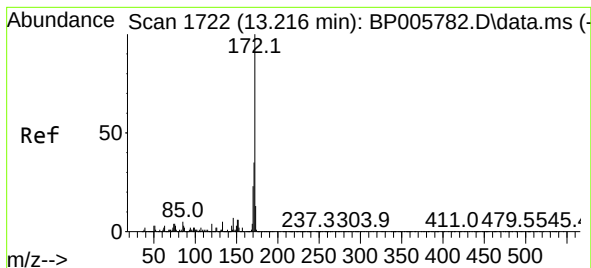
Tgt Ion:237	Resp:	17
Ion Ratio	Lower	Upper
237	100	
235	47.4	44.5 84.5
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 92.42 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:330	Resp:	296705
Ion Ratio	Lower	Upper
330	100	
332	97.7	77.8 116.8
141	29.6	25.4 38.2

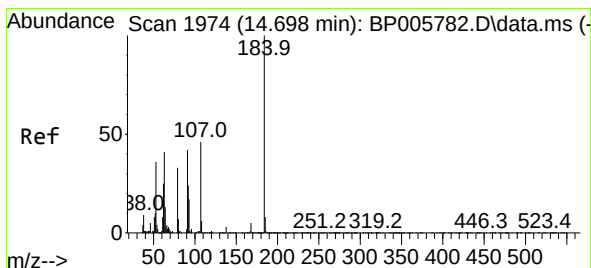
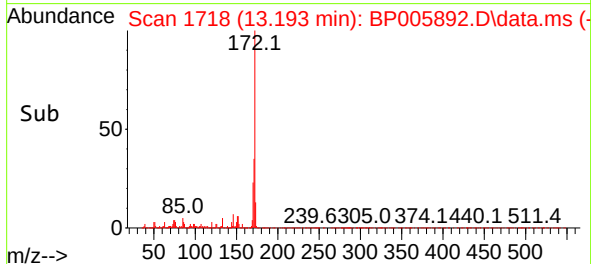
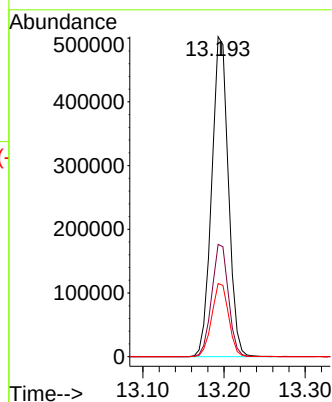
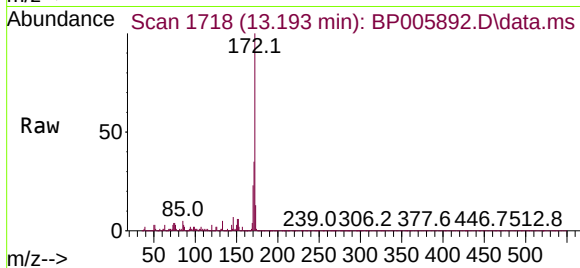




#45
2-Fluorobiphenyl
Concen: 50.29 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

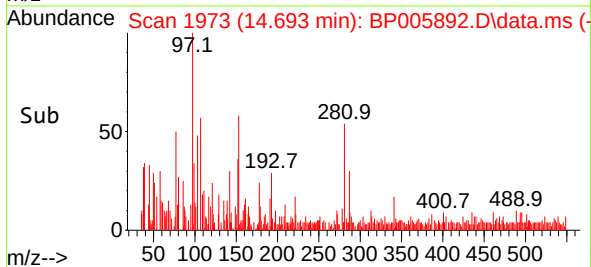
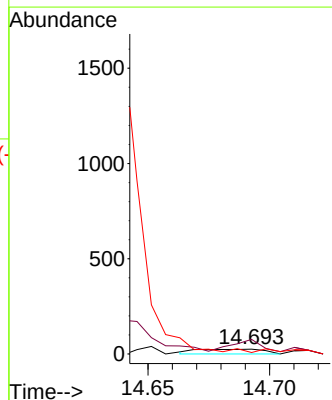
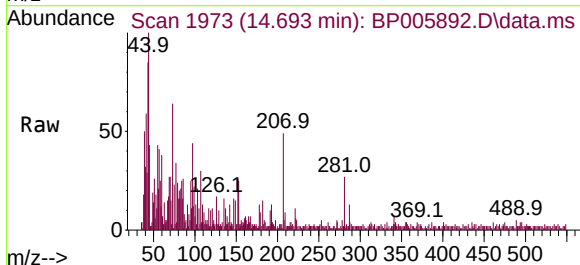
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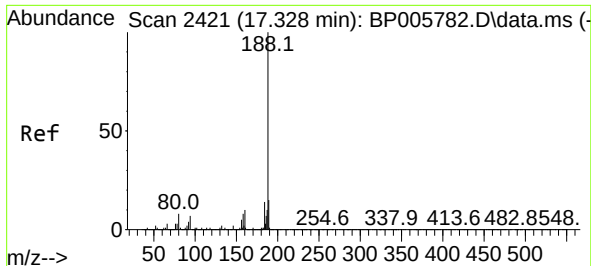
Tgt Ion:172 Resp: 716499
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 296.2 47.0 70.6#
154 30.8 52.3 78.5#

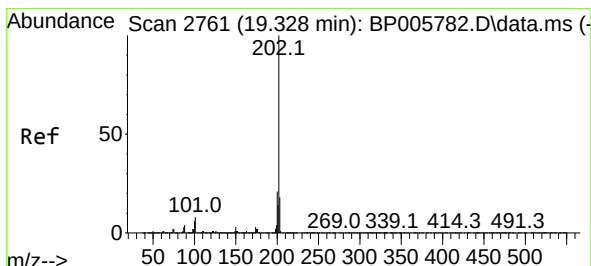
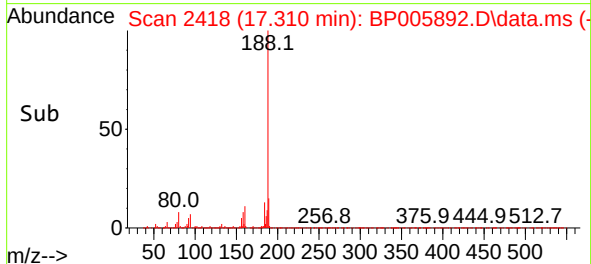
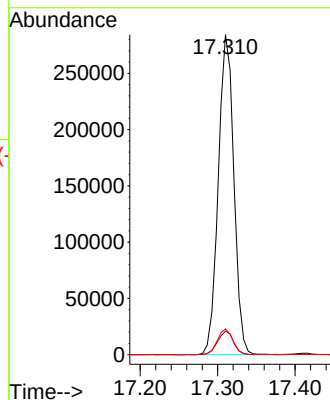
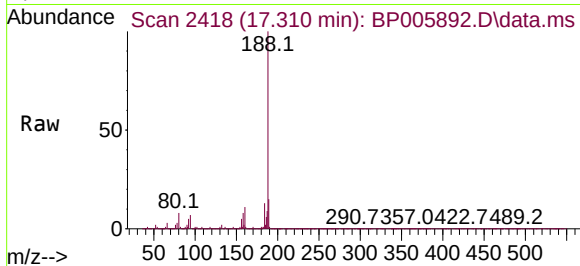




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

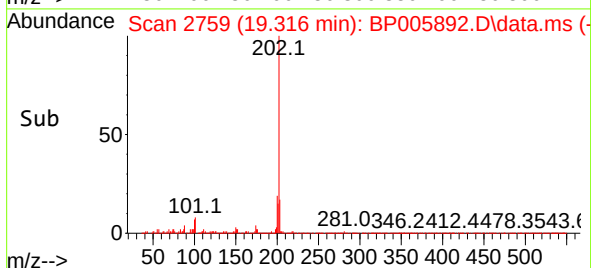
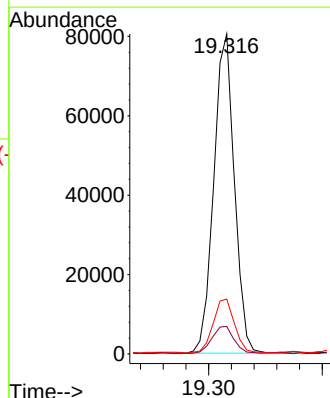
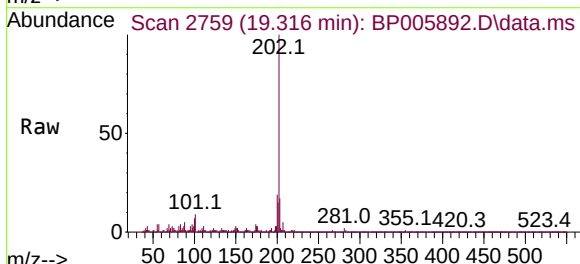
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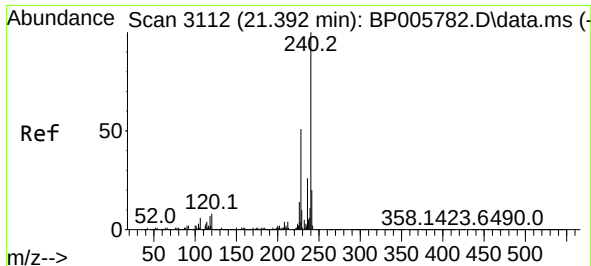
Tgt Ion:188	Resp:	397714
Ion Ratio	Lower	Upper
188	100	
94	7.3	5.6 8.4
80	8.1	6.3 9.5



#75
Fluoranthene
Concen: 3.49 ng
RT: 19.316 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:202	Resp:	101135
Ion Ratio	Lower	Upper
202	100	
101	8.6	0.0 27.6
203	17.2	0.0 37.8

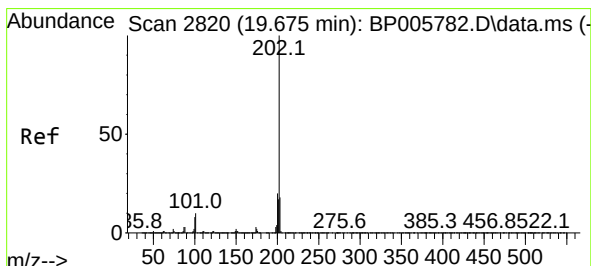
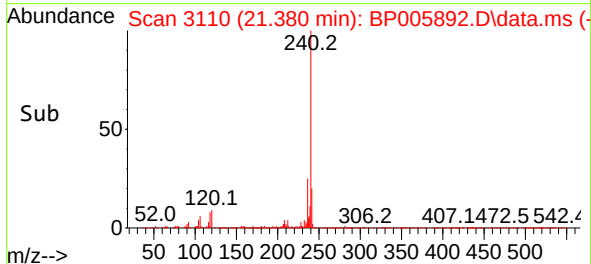
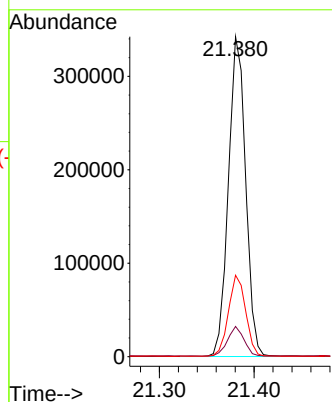
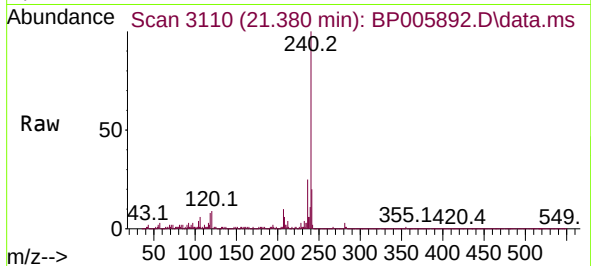




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

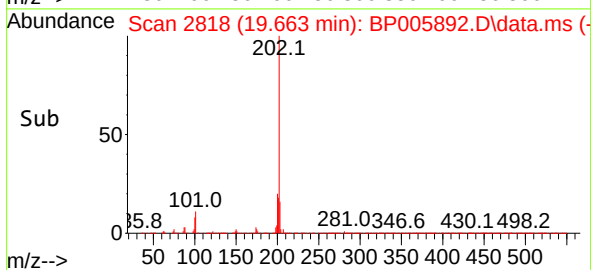
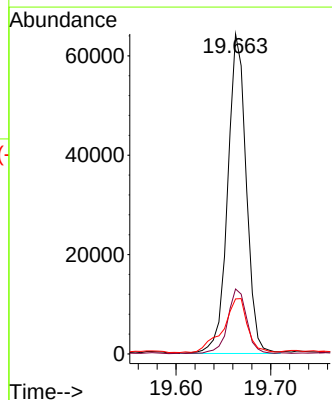
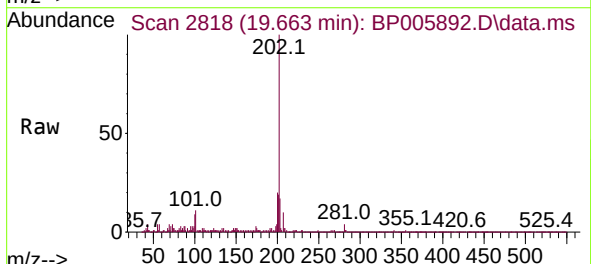
Instrument :
BNA_P
ClientSampleId :
ETGI-357

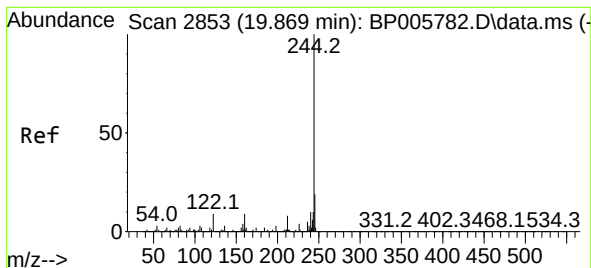
Tgt Ion:240 Resp: 432602
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.5 20.6 31.0



#78
Pyrene
Concen: 2.90 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP005892.D
Acq: 12 Jun 2021 17:05

Tgt Ion:202 Resp: 87672
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 53.14 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BP005892.D

Acq: 12 Jun 2021 17:05

Instrument :

BNA_P

ClientSampleId :

ETGI-357

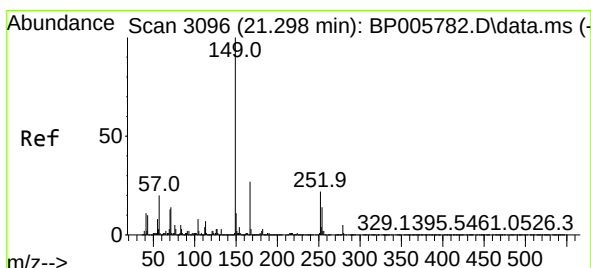
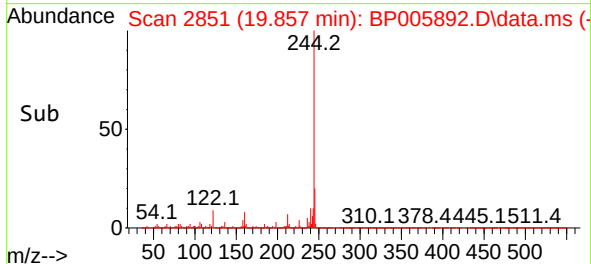
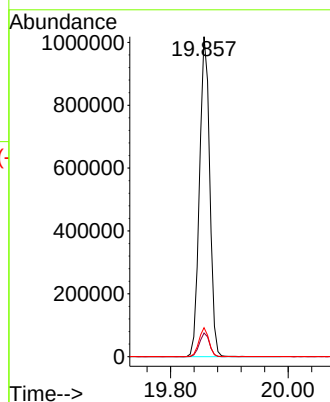
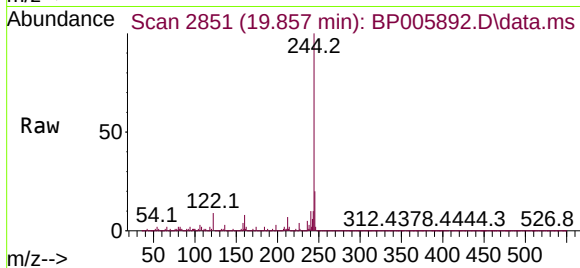
Tgt Ion:244 Resp: 1227581

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.0 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.92 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP005892.D

Acq: 12 Jun 2021 17:05

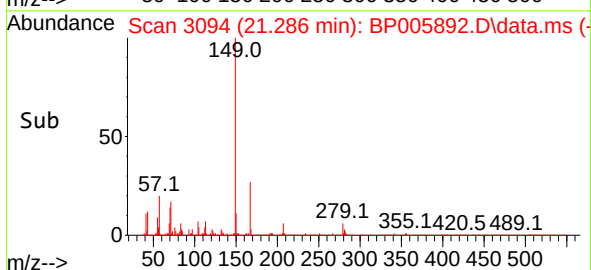
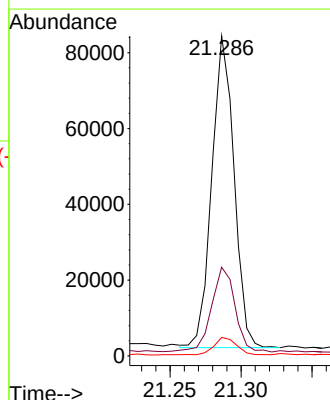
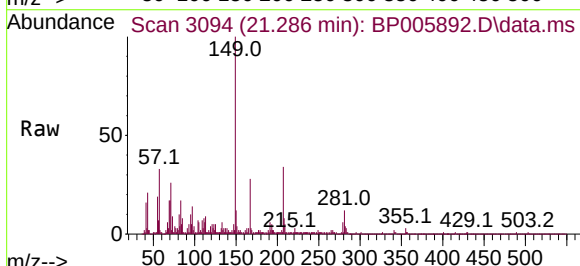
Tgt Ion:149 Resp: 89593

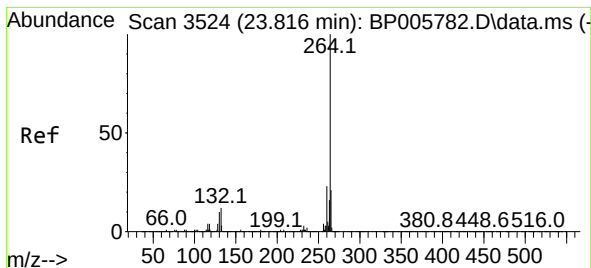
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 5.8 4.3 6.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.798 min Scan# 3521
 Delta R.T. -0.018 min
 Lab File: BP005892.D
 Acq: 12 Jun 2021 17:05

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-357

Tgt Ion:264 Resp: 493135
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.4 17.6 26.4

