

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142519.D
 Acq On : 22 May 2025 19:27
 Operator : RC/JU
 Sample : Q2097-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-290

Quant Time: May 23 01:23:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

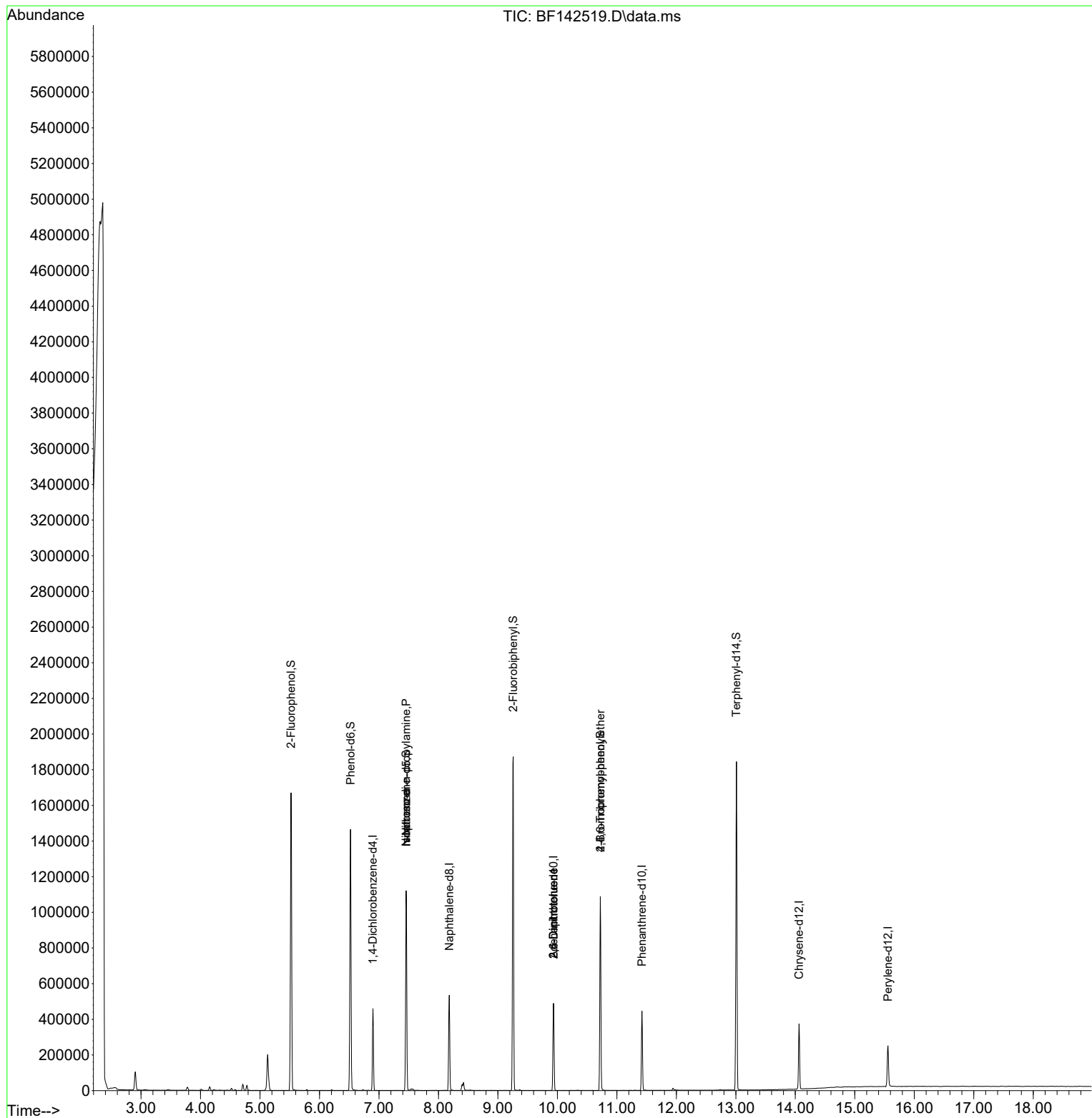
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98792	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	337943	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	146392	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	232923	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	176989	20.000	ng	-0.01
86) Perylene-d12	15.557	264	138678	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	638454	108.879	ng	0.00
7) Phenol-d6	6.522	99	685600	97.128	ng	-0.01
23) Nitrobenzene-d5	7.457	82	479977	77.447	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	190409	117.192	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	864297	79.223	ng	-0.01
79) Terphenyl-d14	13.010	244	892793	68.933	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	64116	14.656	ng	# 77
25) Isophorone	7.457	82	462650	44.649	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	18887	9.059	ng	# 28
57) 2,4-Dinitrotoluene	9.934	165	18887	6.937	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	12127	4.403	ng	# 1

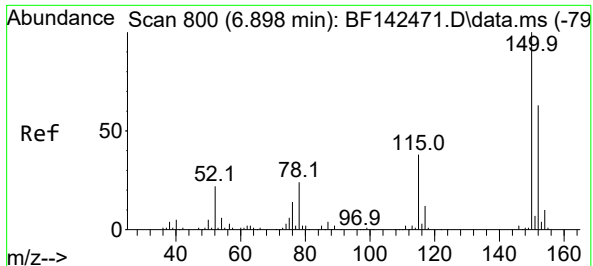
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142519.D
Acq On : 22 May 2025 19:27
Operator : RC/JU
Sample : Q2097-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-290

Quant Time: May 23 01:23:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

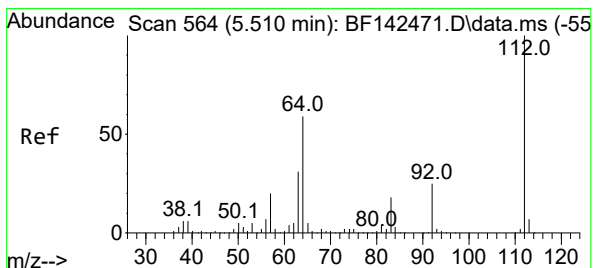
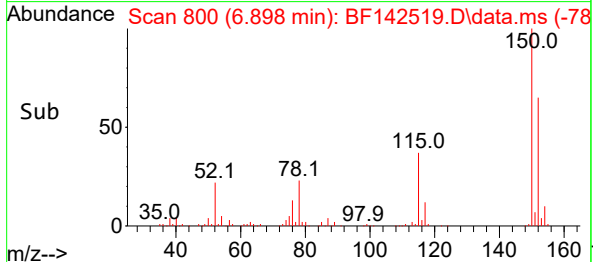
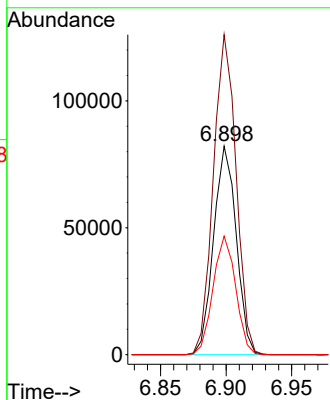
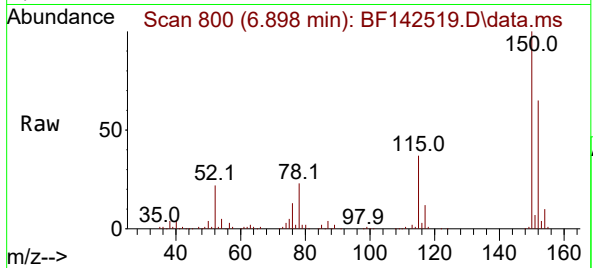




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

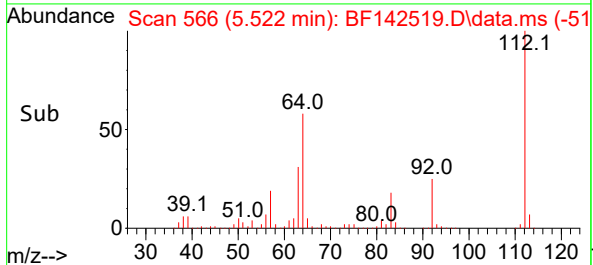
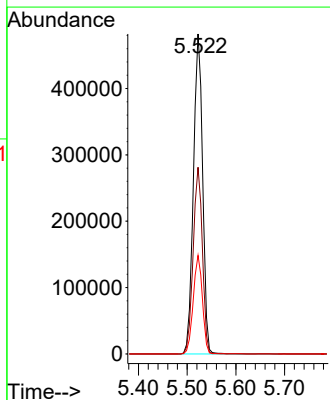
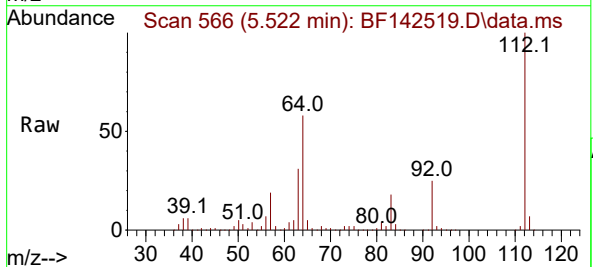
Instrument :
BNA_F
ClientSampleId :
ETGI-290

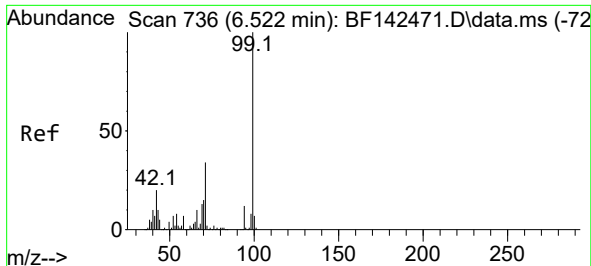
Tgt Ion:152 Resp: 98792
Ion Ratio Lower Upper
152 100
150 153.5 128.2 192.4
115 56.9 48.3 72.5



#5
2-Fluorophenol
Concen: 108.879 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion:112 Resp: 638454
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.8 24.9 37.3





#7
Phenol-d6
Concen: 97.128 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

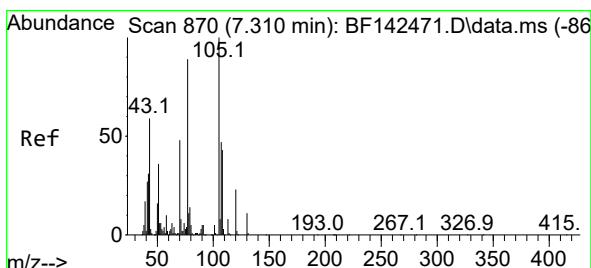
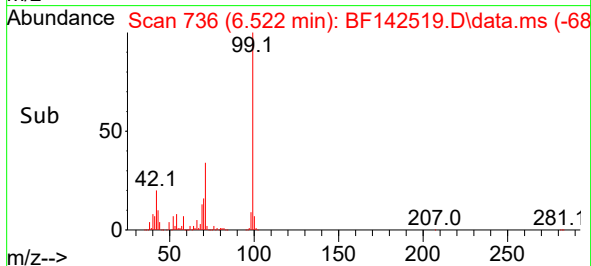
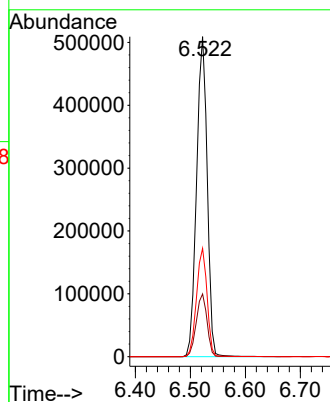
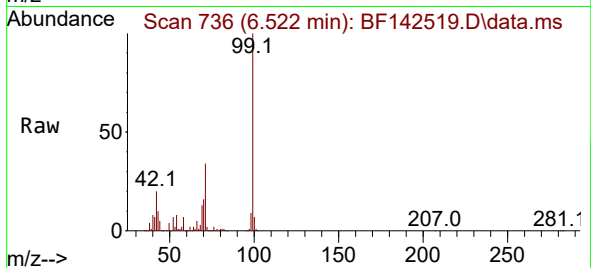
Instrument :

BNA_F

ClientSampleId :

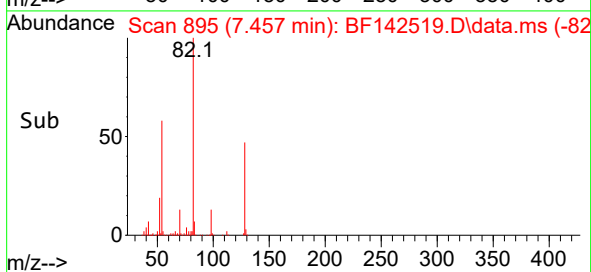
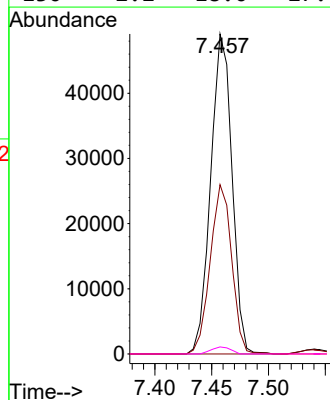
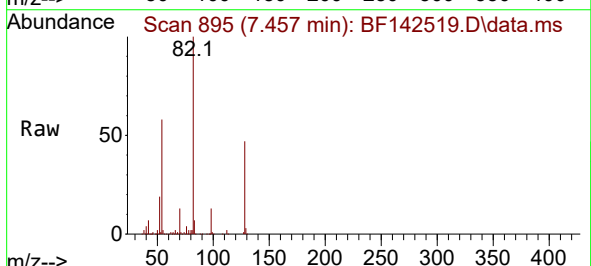
ETGI-290

Tgt Ion: 99 Resp: 685600
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.8 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.656 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion: 70 Resp: 64116
Ion Ratio Lower Upper
70 100
42 52.9 52.4 78.6
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#



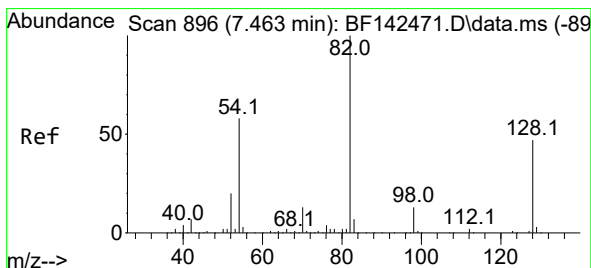
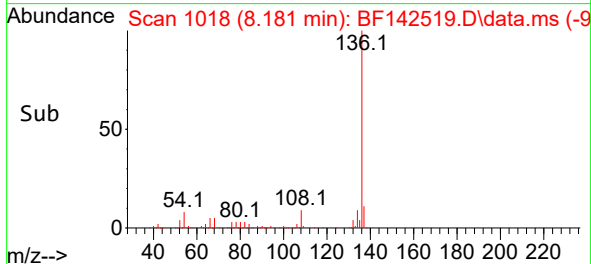
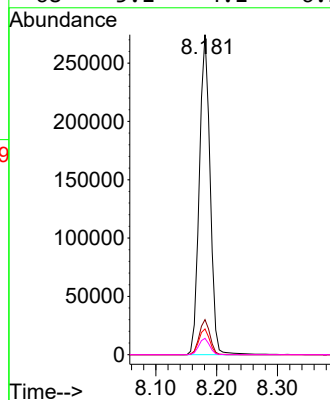
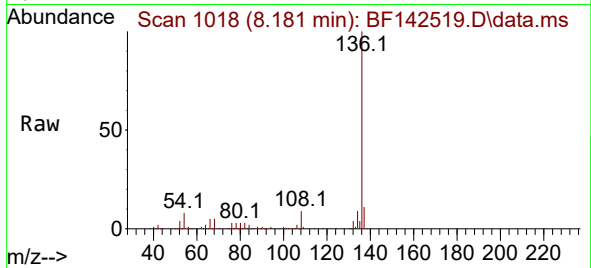


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Instrument :
BNA_F
ClientSampleId :
ETGI-290

Tgt Ion:136 Resp: 337943

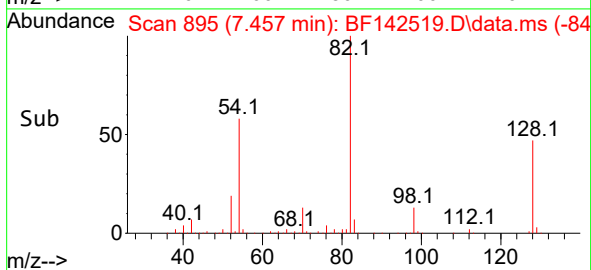
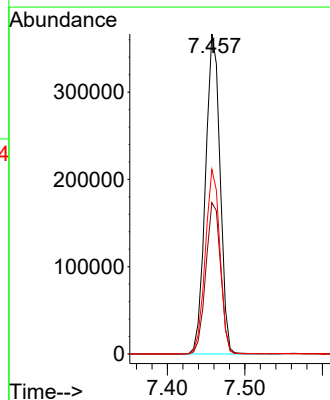
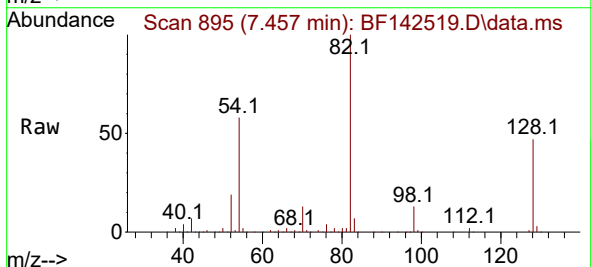
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.1	6.6	10.0
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.447 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion: 82 Resp: 479977

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	57.7	46.6	70.0

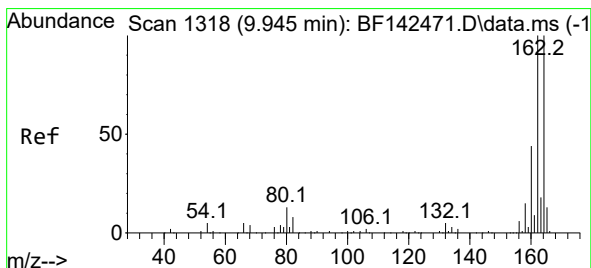
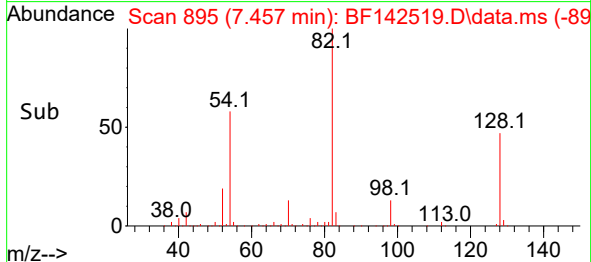
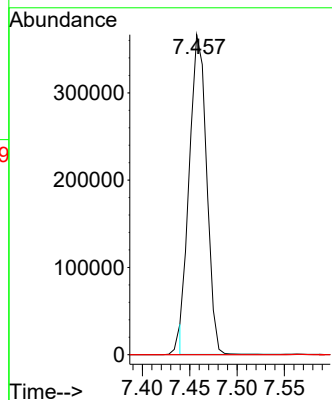
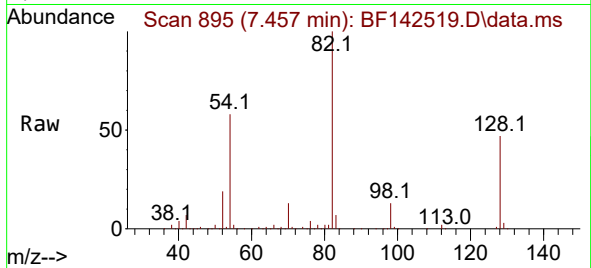




#25
Isophorone
Concen: 44.649 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

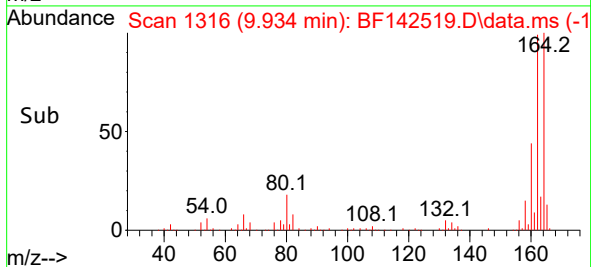
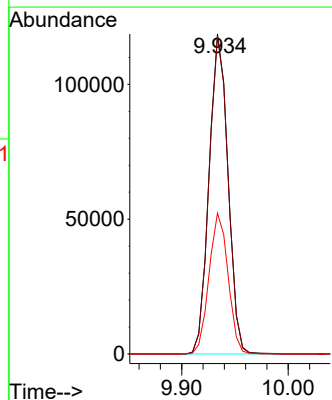
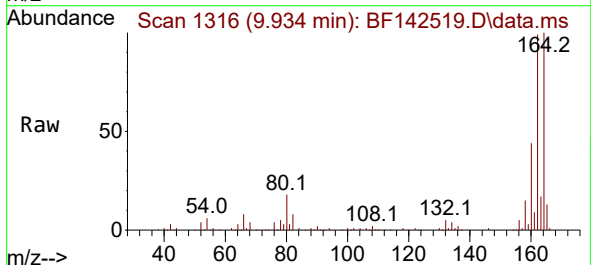
Instrument :
BNA_F
ClientSampleId :
ETGI-290

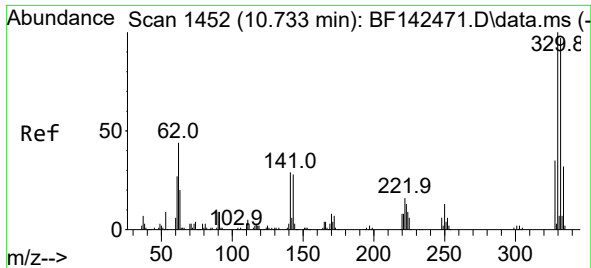
Tgt Ion: 82 Resp: 462650
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion: 164 Resp: 146392
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 44.0 35.6 53.4

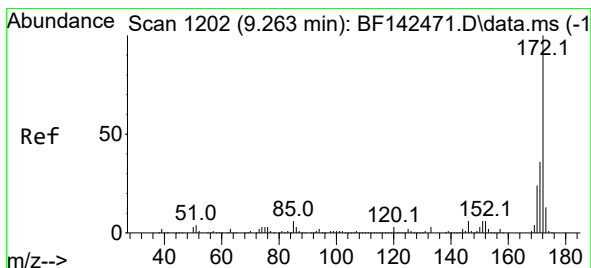
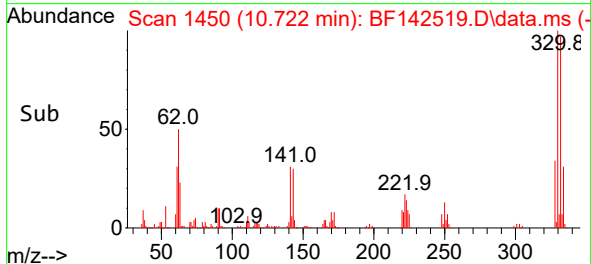
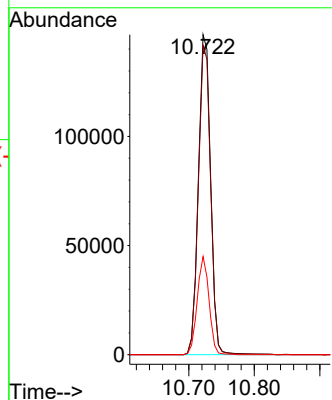
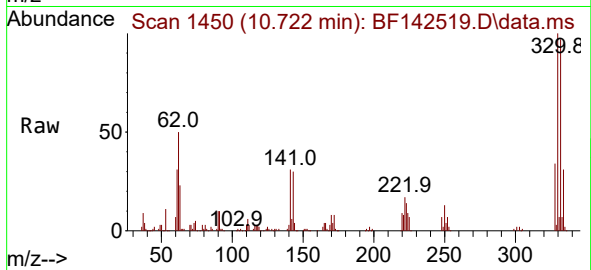




#42
2,4,6-Tribromophenol
Concen: 117.192 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

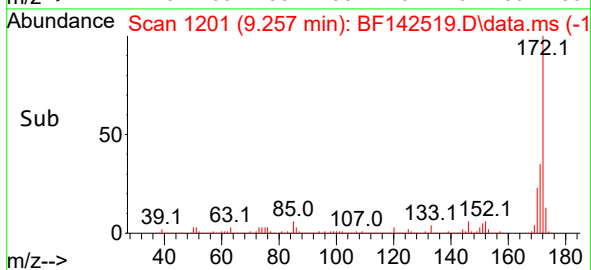
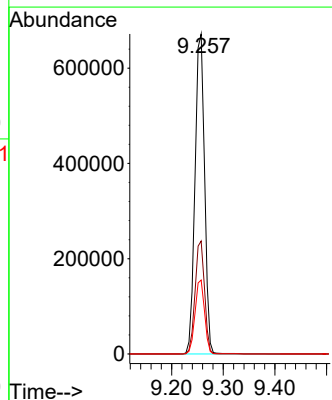
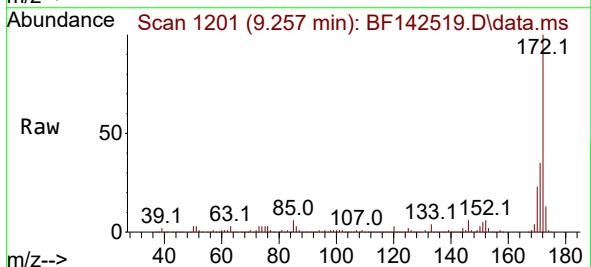
Instrument :
BNA_F
ClientSampleId :
ETGI-290

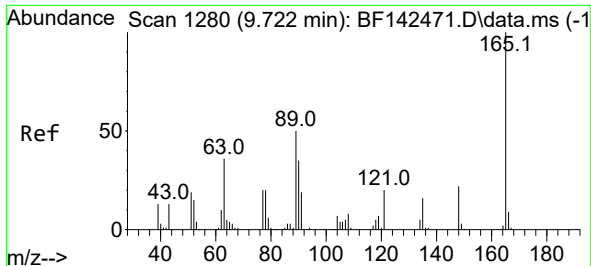
Tgt Ion:330 Resp: 190409
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 29.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 79.223 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion:172 Resp: 864297
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 18.9 28.3

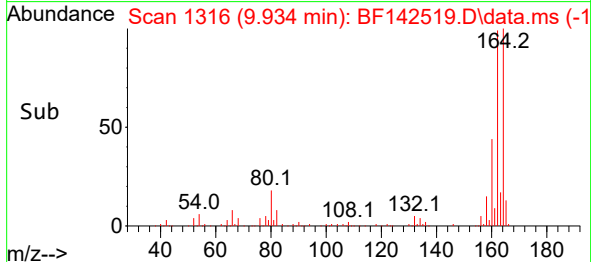
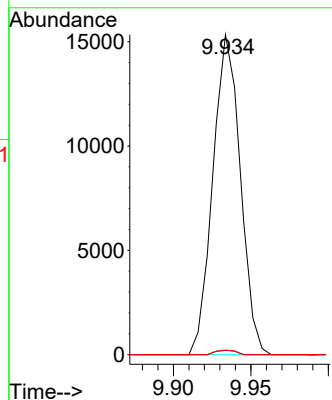
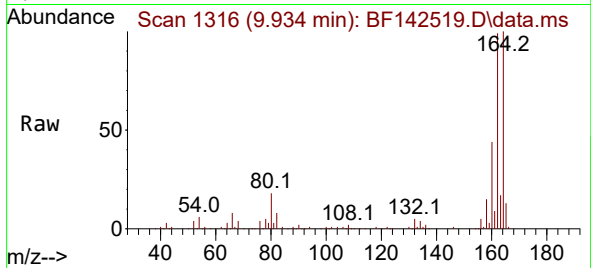




#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

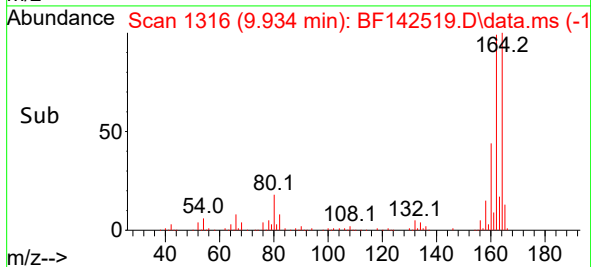
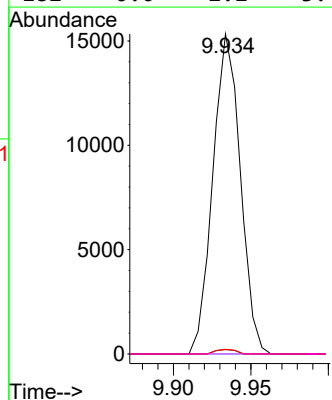
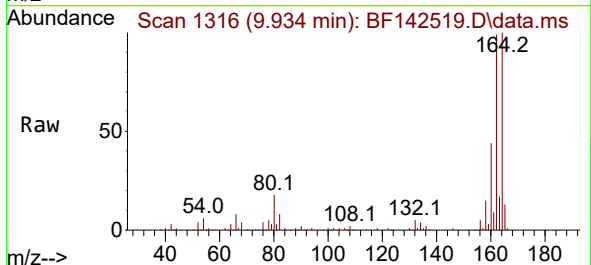
Instrument :
BNA_F
ClientSampleId :
ETGI-290

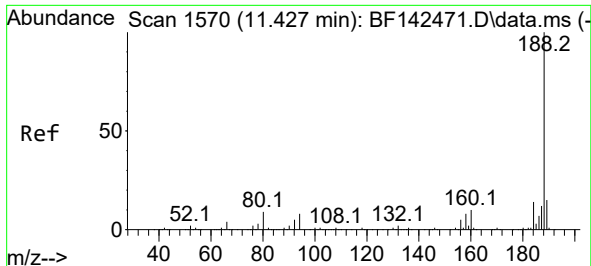
Tgt Ion:165 Resp: 18887
Ion Ratio Lower Upper
165 100
63 1.4 42.9 64.3#
89 1.4 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.937 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion:165 Resp: 18887
Ion Ratio Lower Upper
165 100
63 1.4 33.6 50.4#
89 1.4 50.2 75.4#
182 0.0 2.2 3.4#

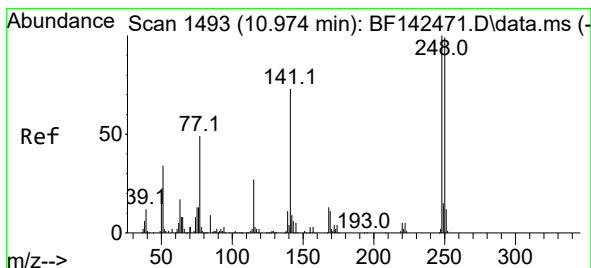
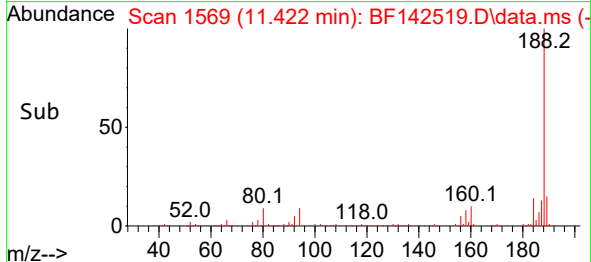
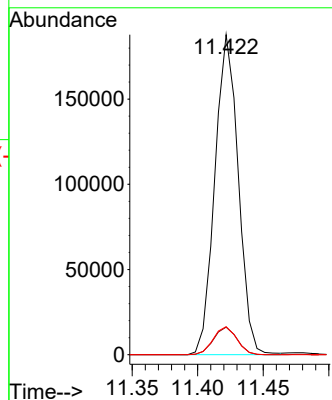
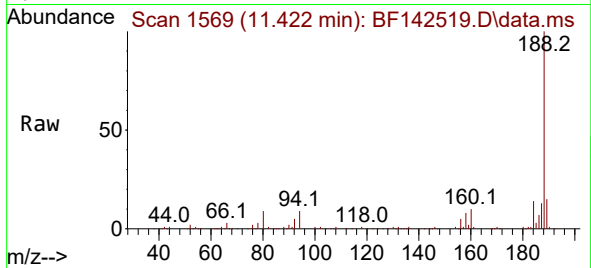




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

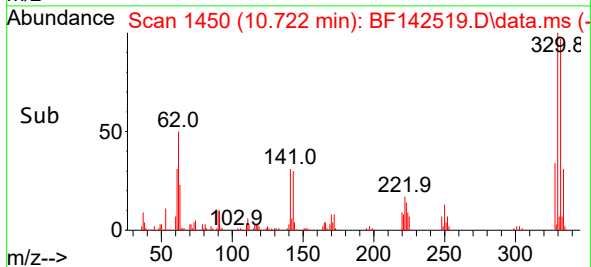
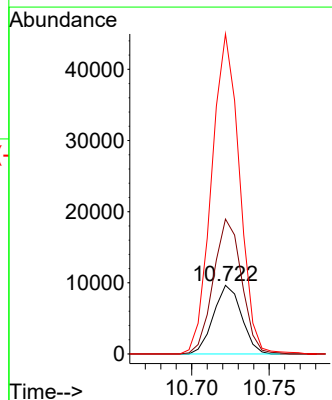
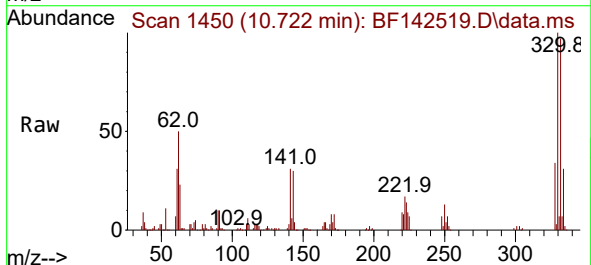
Instrument :
BNA_F
ClientSampleId :
ETGI-290

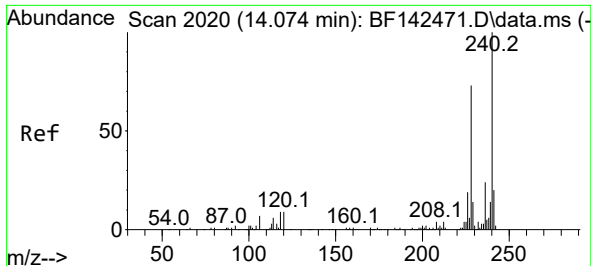
Tgt Ion:188 Resp: 232923
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 8.8 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.403 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion:248 Resp: 12127
Ion Ratio Lower Upper
248 100
250 196.6 79.0 118.4#
141 466.7 58.4 87.6#

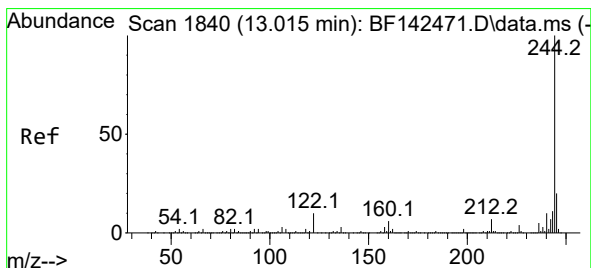
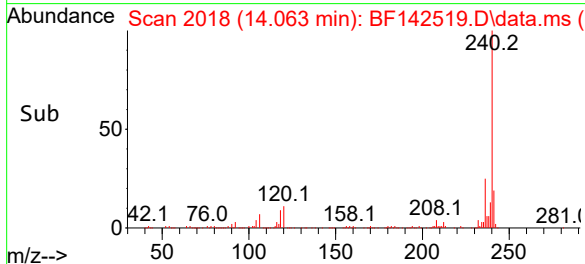
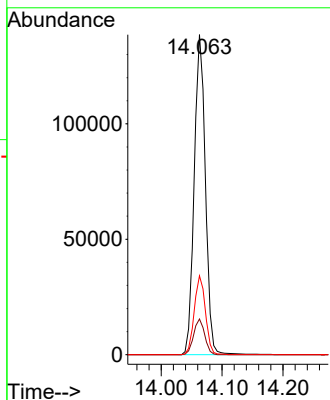
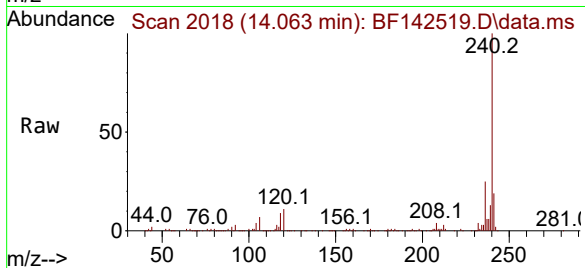




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

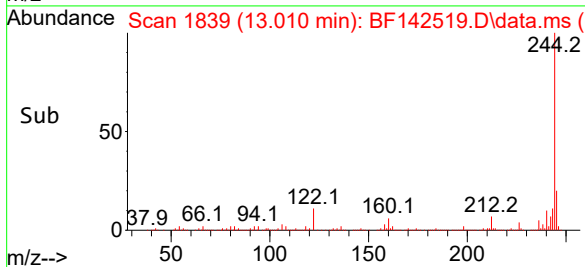
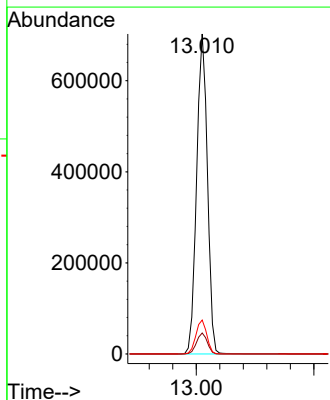
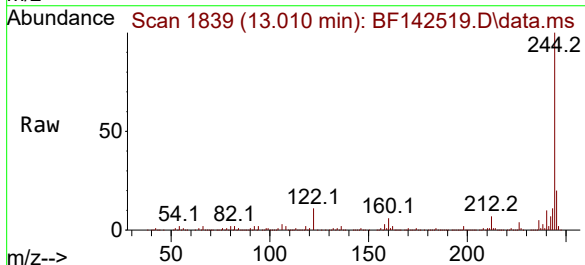
Instrument :
BNA_F
ClientSampleId :
ETGI-290

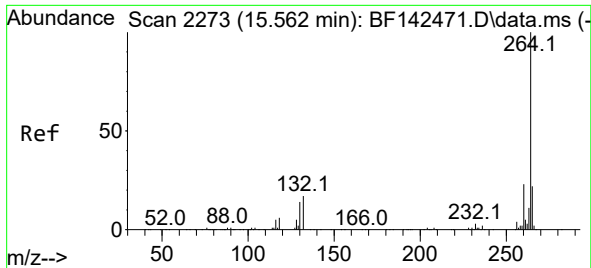
Tgt Ion:240 Resp: 176989
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.7 19.6 29.4



#79
Terphenyl-d14
Concen: 68.933 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

Tgt Ion:244 Resp: 892793
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142519.D
 Acq: 22 May 2025 19:27

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-290

Tgt Ion:264 Resp: 138678
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.2 17.7 26.5

