

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

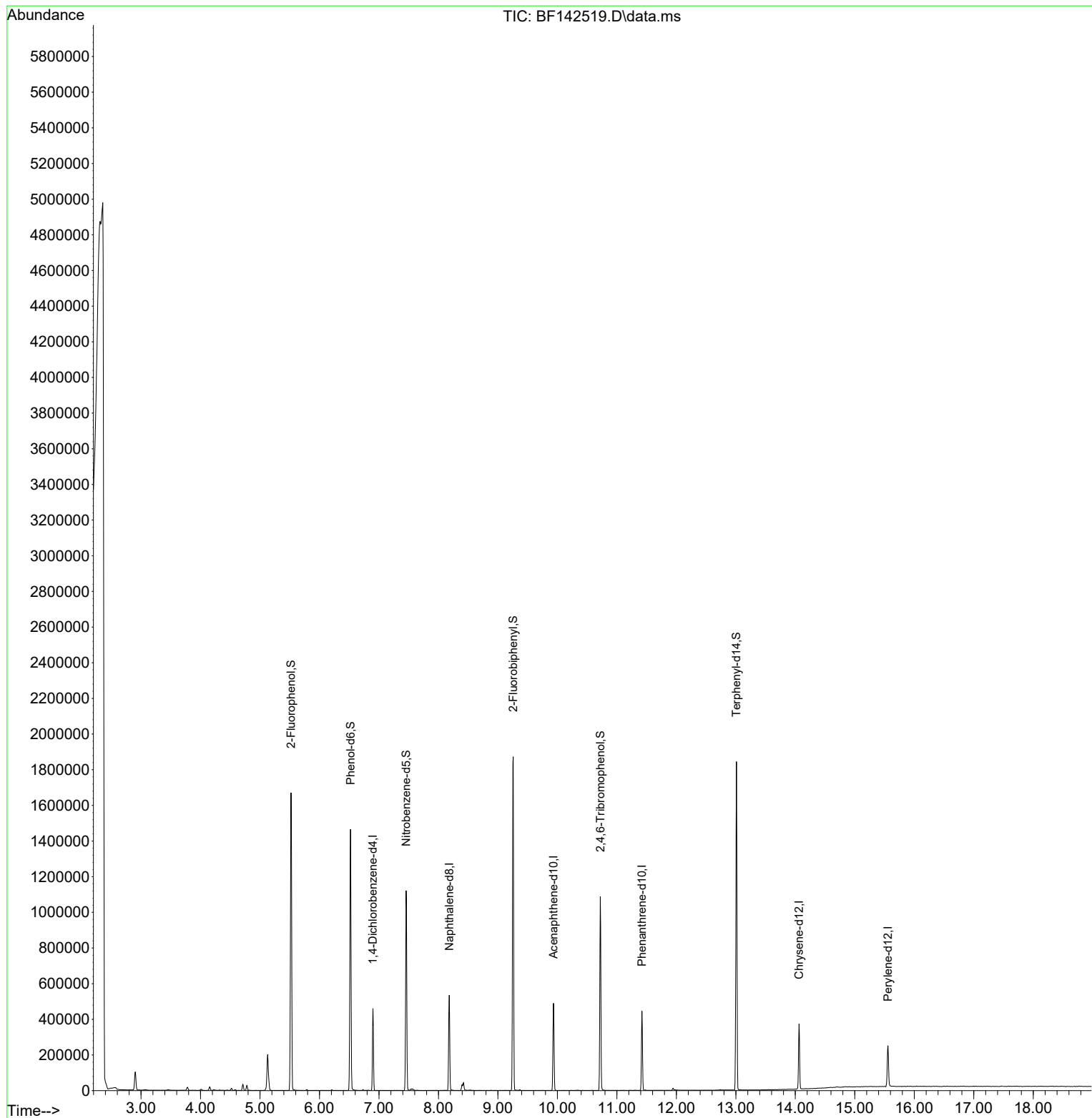
Target Compounds	Qvalue

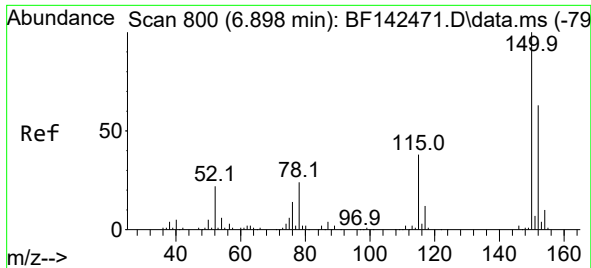
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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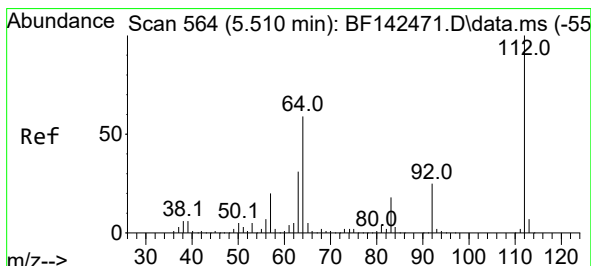
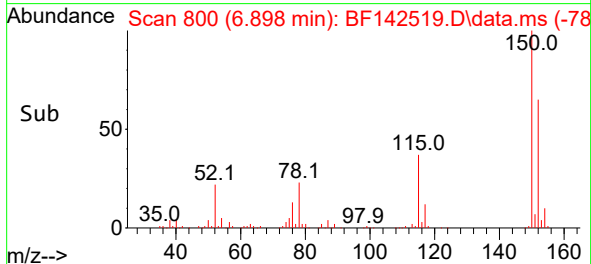
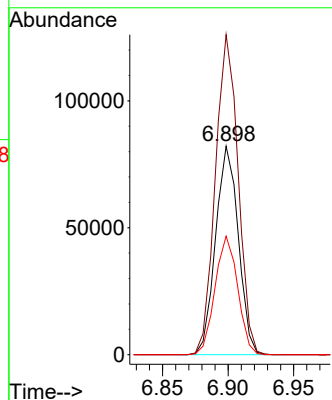
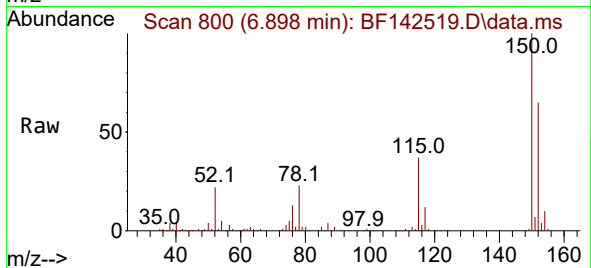




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

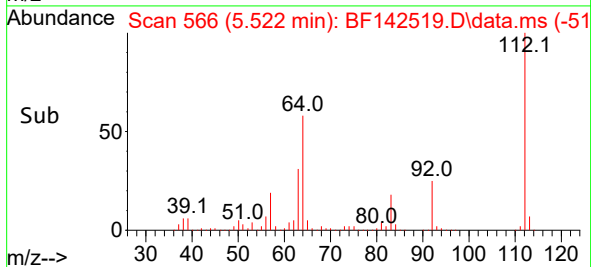
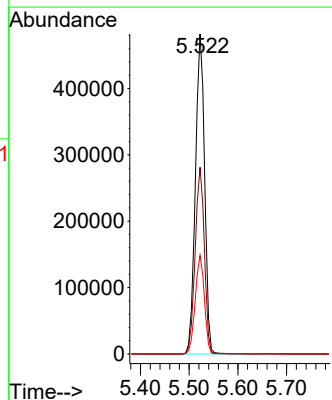
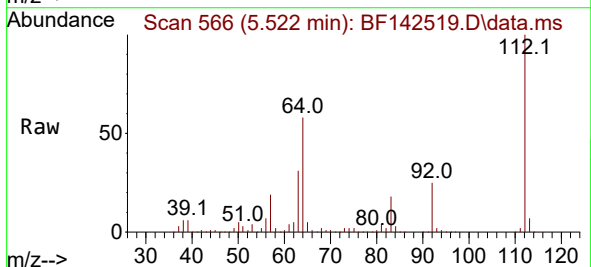
Instrument :
BNA_F
ClientSampleId :
ETGI-290

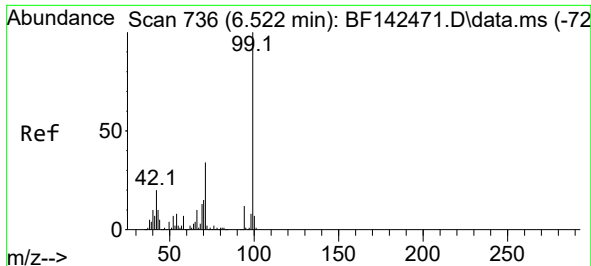
Tgt Ion:152 Resp: 98792
Ion Ratio Lower Upper
152 100
150 153.5 128.2 192.4
115 56.9 48.3 72.5



#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

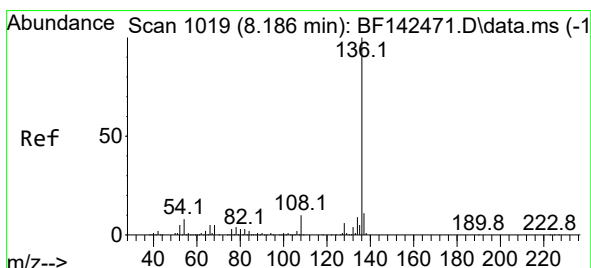
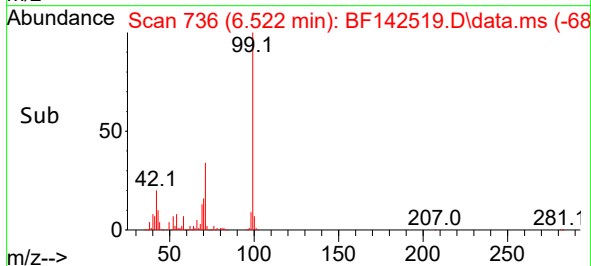
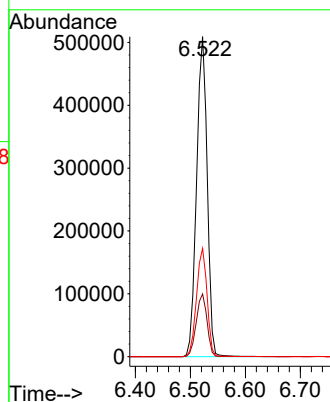
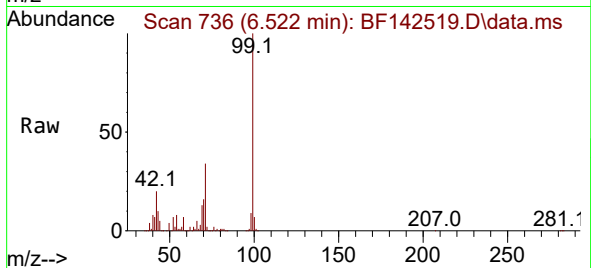
Instrument :

BNA_F

ClientSampleId :

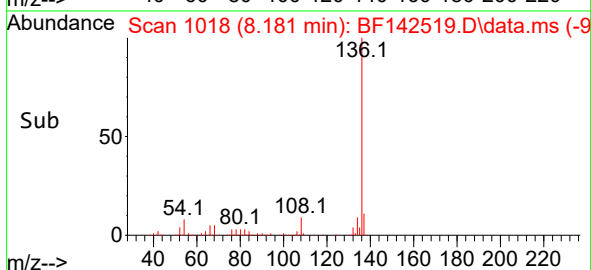
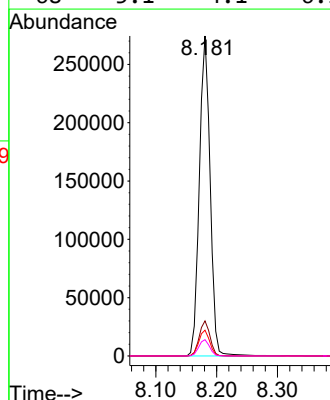
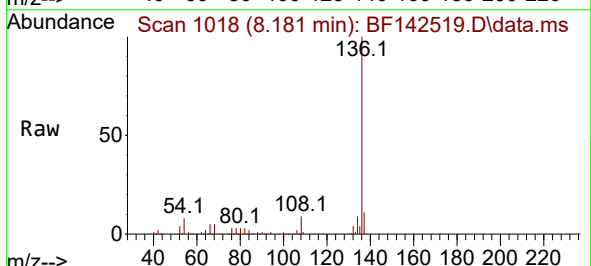
ETGI-290

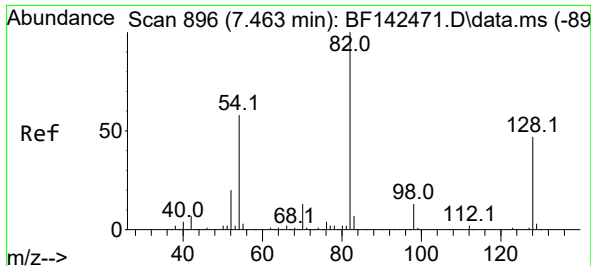
Tgt Ion: 99 Resp: 685600
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

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# 89

Delta R.T. -0.017 min

Lab File: BF142519.D

Acq: 22 May 2025 19:27

Instrument :

BNA_F

ClientSampleId :

ETGI-290

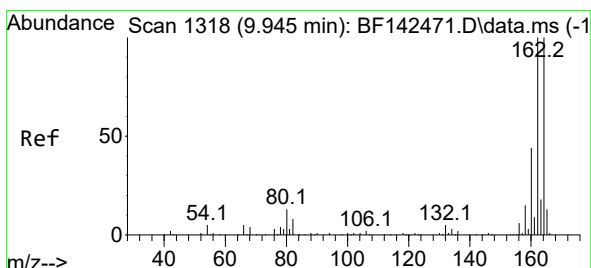
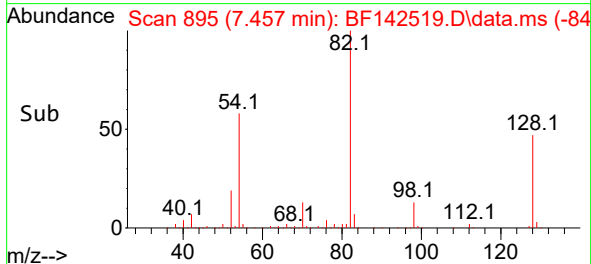
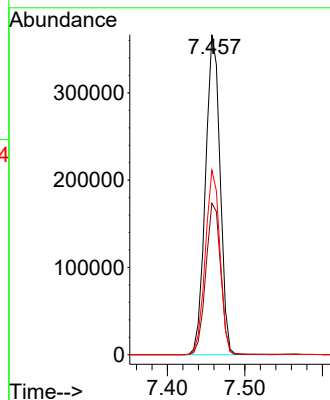
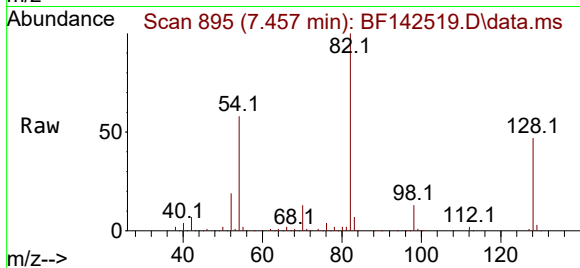
Tgt Ion: 82 Resp: 479977

Ion Ratio Lower Upper

82 100

128 47.3 37.4 56.2

54 57.7 46.6 70.0



#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

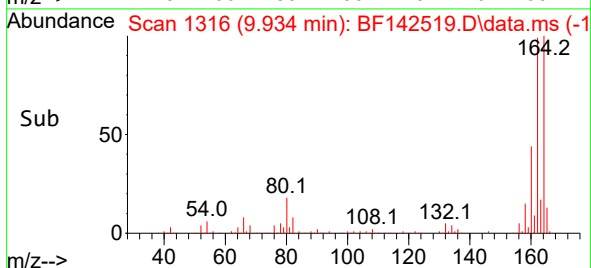
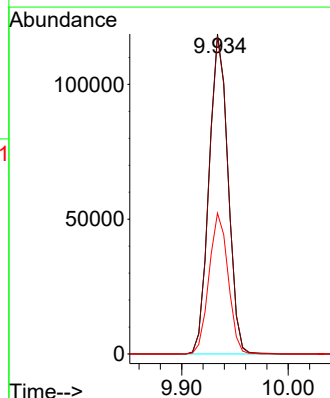
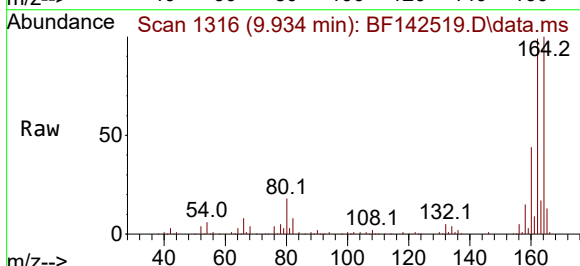
Tgt Ion:164 Resp: 146392

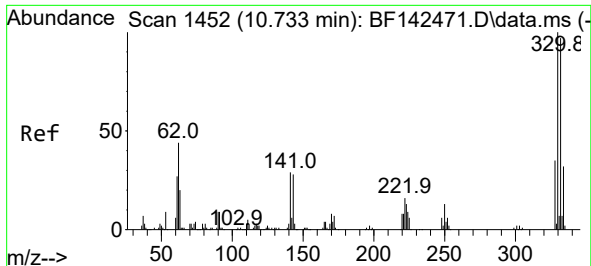
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

160 44.0 35.6 53.4

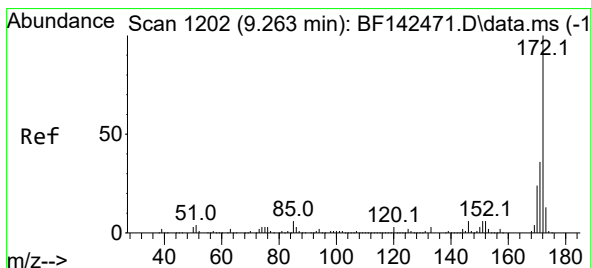
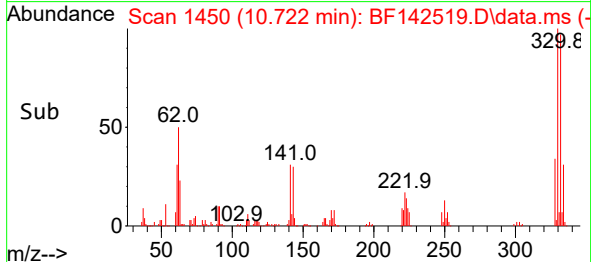
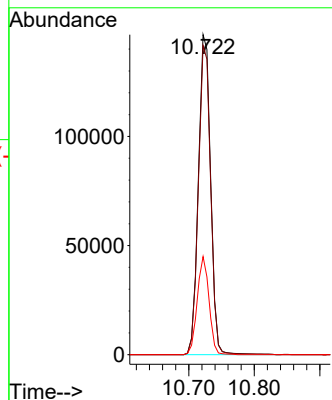
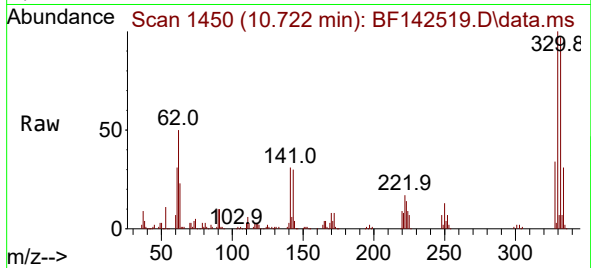




#42
 2,4,6-Tribromophenol
 Concen: 117.192 ng
 RT: 10.722 min Scan# 1452
 Delta R.T. -0.017 min
 Lab File: BF142519.D
 Acq: 22 May 2025 19:27

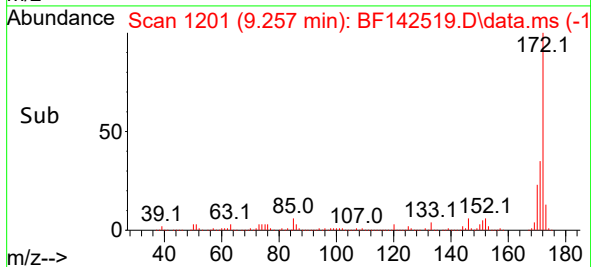
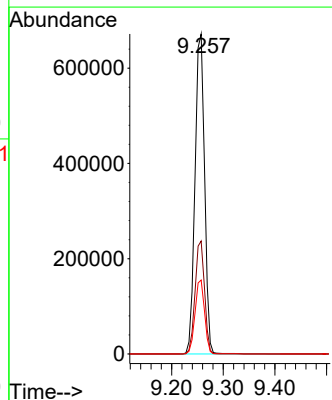
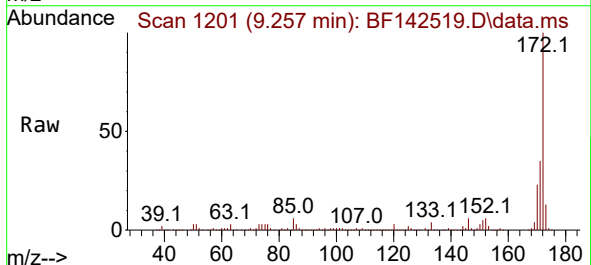
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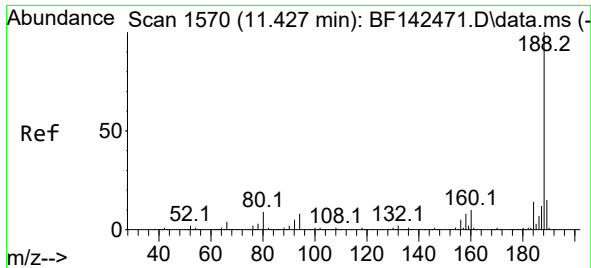
Tgt Ion:330 Resp: 190409
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 29.6 24.6 36.8



#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

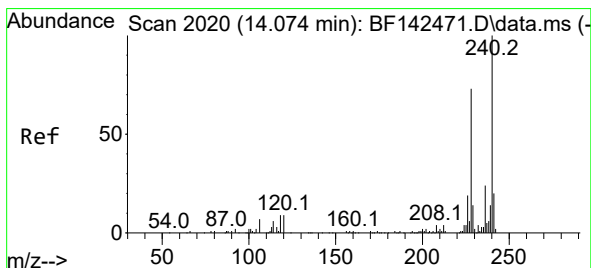
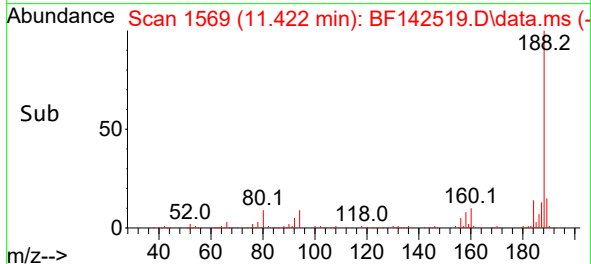
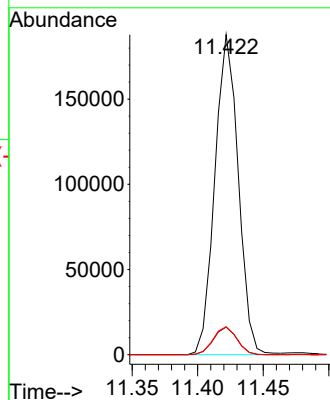
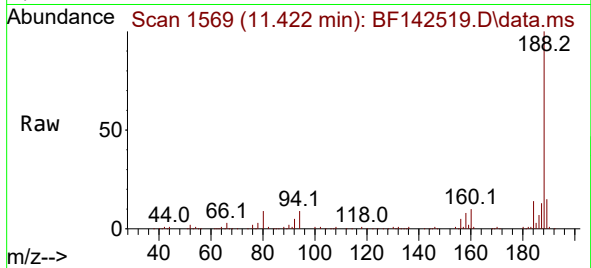




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

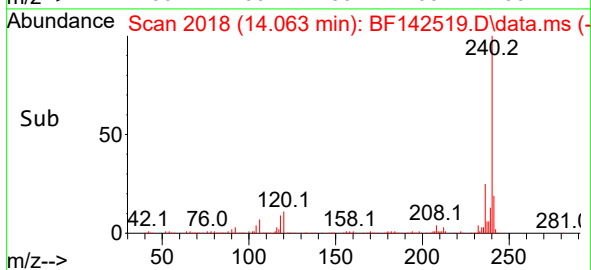
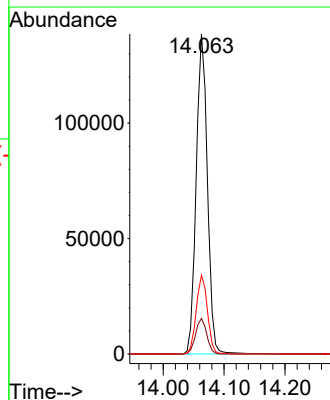
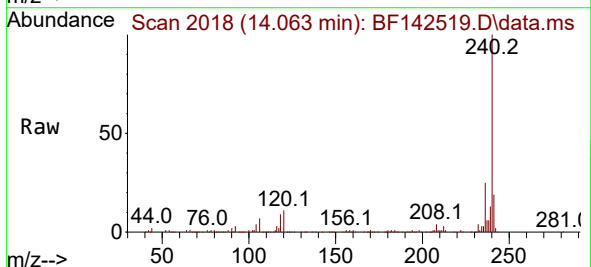
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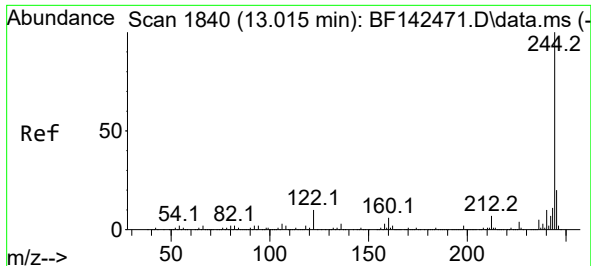
Tgt Ion:188 Resp: 232923
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF142519.D
Acq: 22 May 2025 19:27

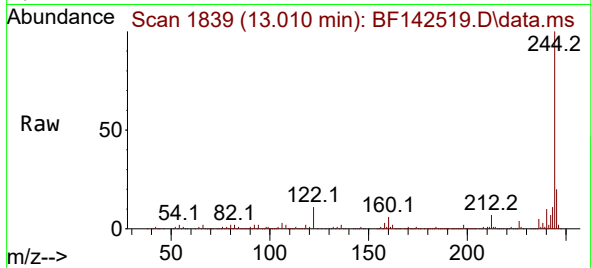
Tgt Ion:240 Resp: 176989
Ion Ratio Lower Upper
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120 11.2 7.5 11.3
236 24.7 19.6 29.4



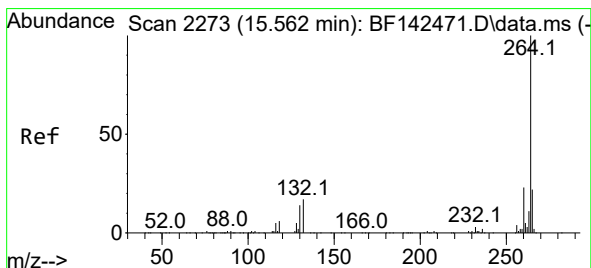
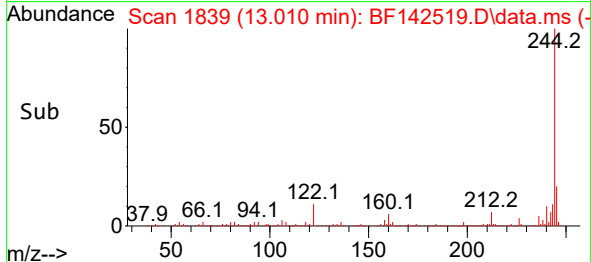
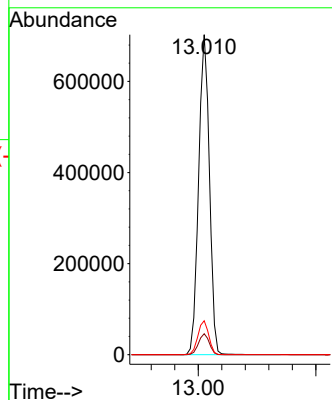


#79
 Terphenyl-d14
 Concen: 68.933 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142519.D
 Acq: 22 May 2025 19:27

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-290



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# 2272
 Delta R.T. -0.012 min
 Lab File: BF142519.D
 Acq: 22 May 2025 19:27

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

