

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143862.D
 Acq On : 02 Oct 2025 18:39
 Operator : RC/JU
 Sample : Q3262-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-100125

Quant Time: Oct 02 19:00:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128139	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	474071	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	250543	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	407080	20.000	ng	0.00
76) Chrysene-d12	14.051	240	324103	20.000	ng	-0.01
86) Perylene-d12	15.539	264	466317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	326882	41.446	ng	0.00
7) Phenol-d6	6.498	99	432562	47.467	ng	-0.01
23) Nitrobenzene-d5	7.439	82	328605	42.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	117095	31.565	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	707707	44.079	ng	0.00
79) Terphenyl-d14	12.998	244	810893	50.884	ng	0.00

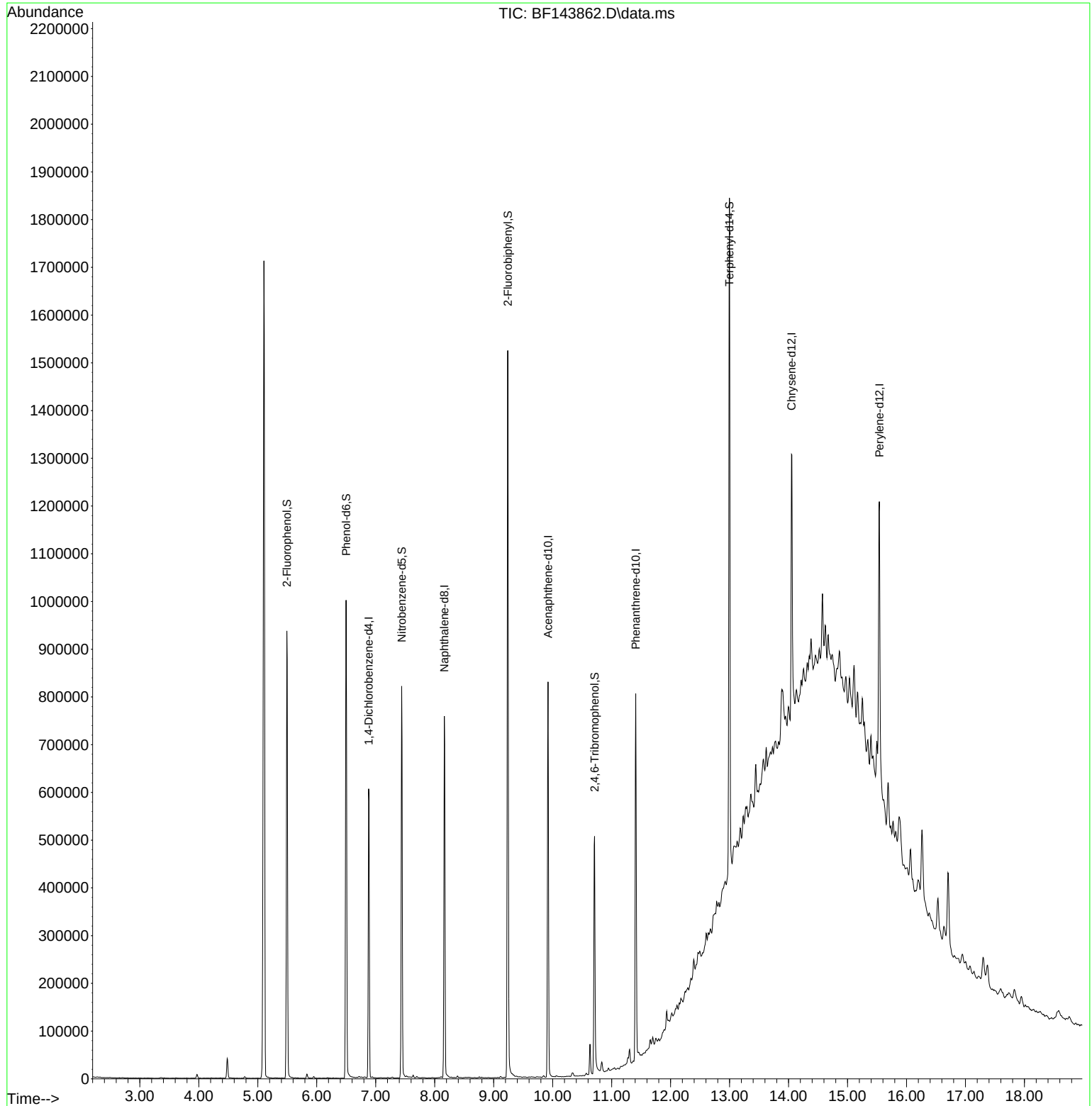
Target Compounds	Qvalue

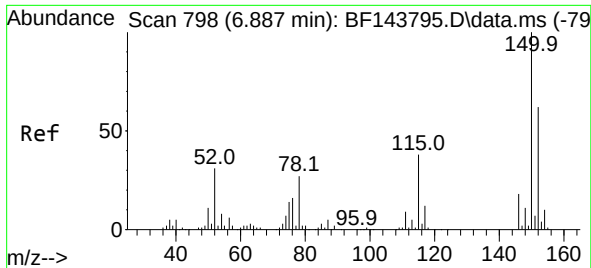
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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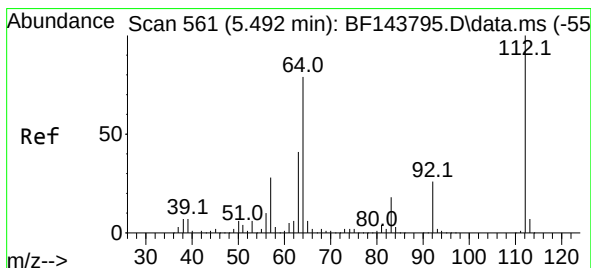
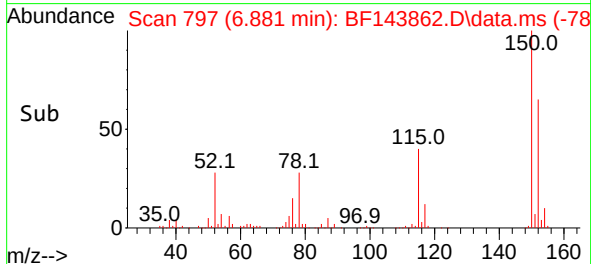
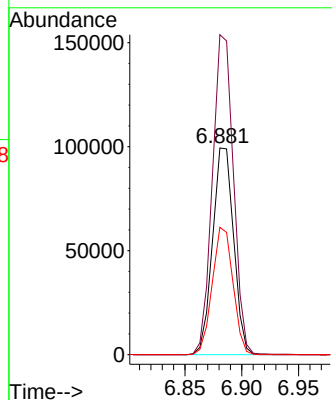
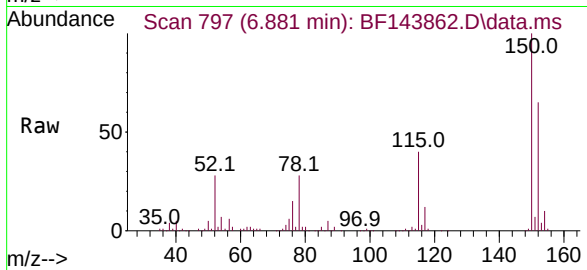




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

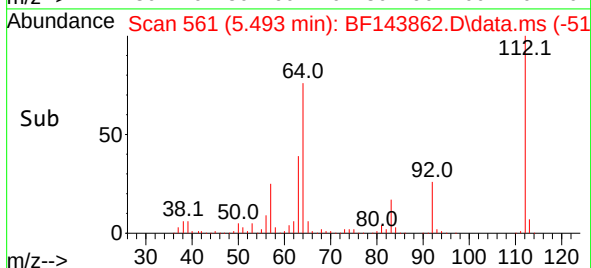
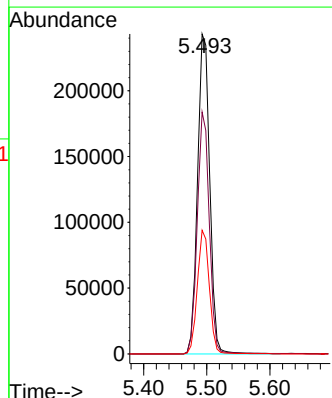
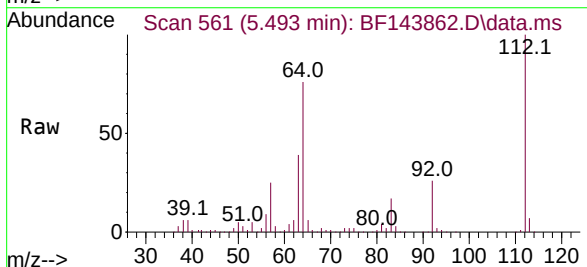
Instrument :
 BNA_F
 ClientSampleId :
 PAD-100125

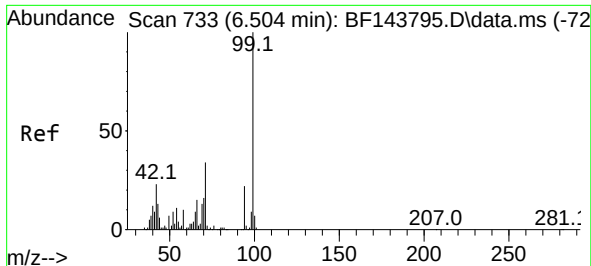
Tgt Ion:152 Resp: 128139
 Ion Ratio Lower Upper
 152 100
 150 154.8 129.6 194.4
 115 61.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 41.446 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.005 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

Tgt Ion:112 Resp: 326882
 Ion Ratio Lower Upper
 112 100
 64 75.6 63.0 94.4
 63 38.6 32.6 49.0

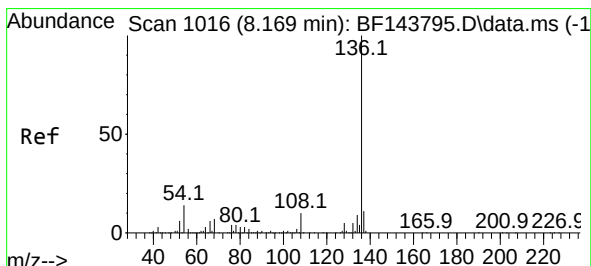
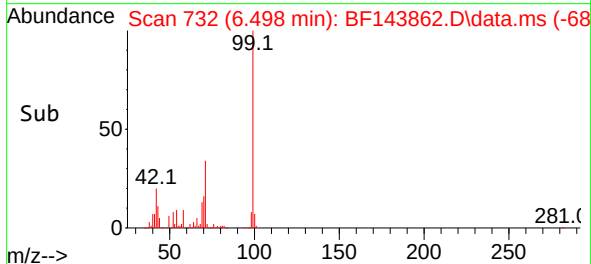
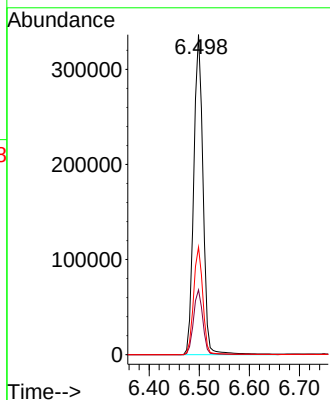
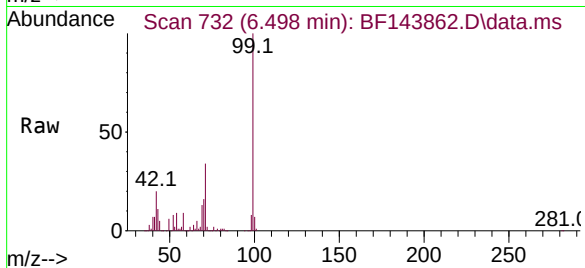




#7
Phenol-d6
Concen: 47.467 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

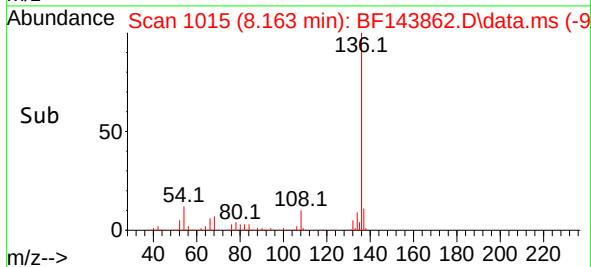
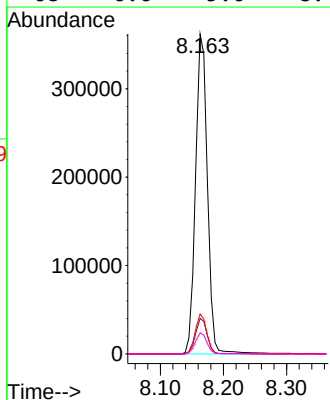
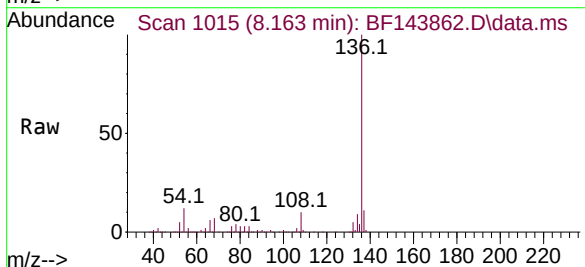
Instrument :
BNA_F
ClientSampleId :
PAD-100125

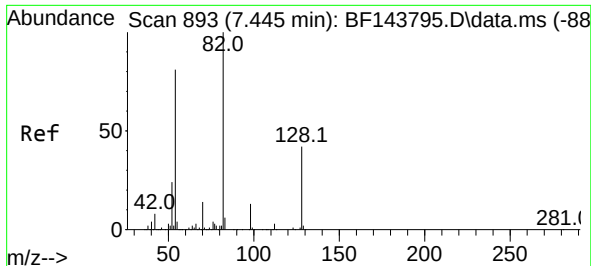
Tgt Ion: 99 Resp: 432562
Ion Ratio Lower Upper
99 100
42 20.2 18.6 28.0
71 33.6 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Tgt Ion: 136 Resp: 474071
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 12.5 11.2 16.8
68 6.6 5.6 8.4

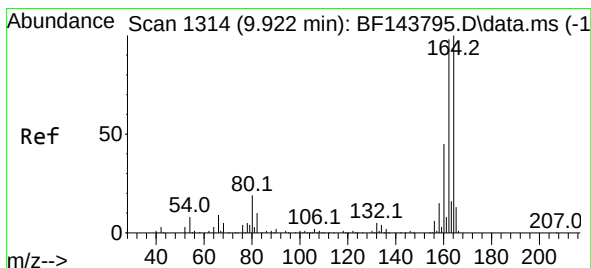
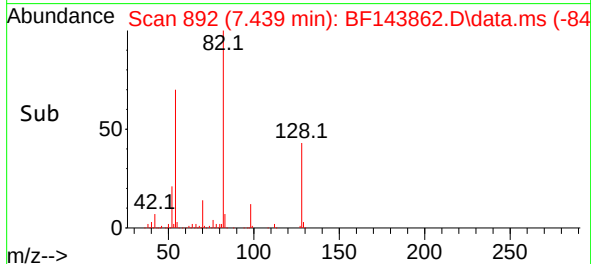
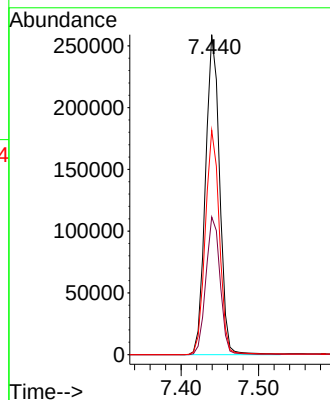
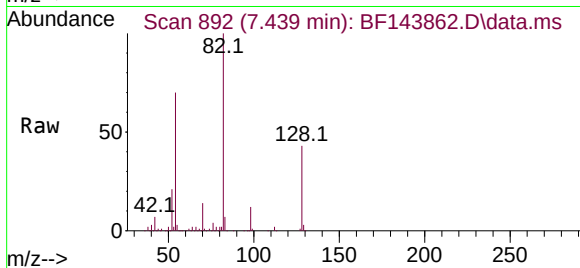




#23
 Nitrobenzene-d5
 Concen: 42.429 ng
 RT: 7.439 min Scan# 893
 Delta R.T. -0.011 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

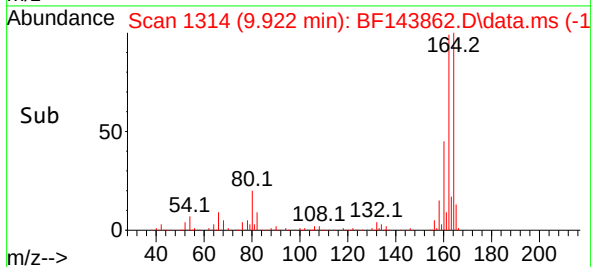
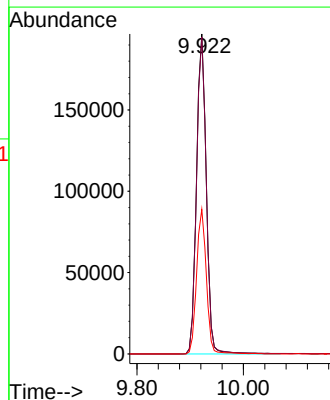
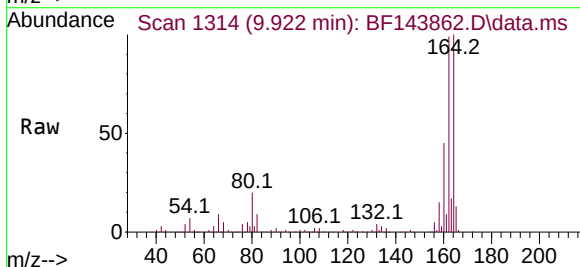
Instrument :
 BNA_F
 ClientSampleId :
 PAD-100125

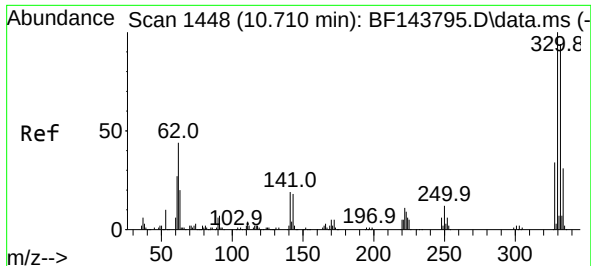
Tgt Ion: 82 Resp: 328605
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.3 49.9
 54 70.1 64.2 96.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

Tgt Ion: 164 Resp: 250543
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 31.565 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143862.D

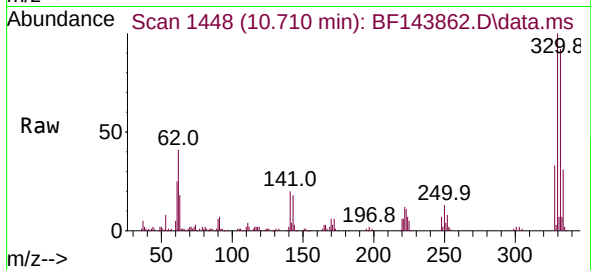
Acq: 02 Oct 2025 18:39

Instrument :

BNA_F

ClientSampleId :

PAD-100125



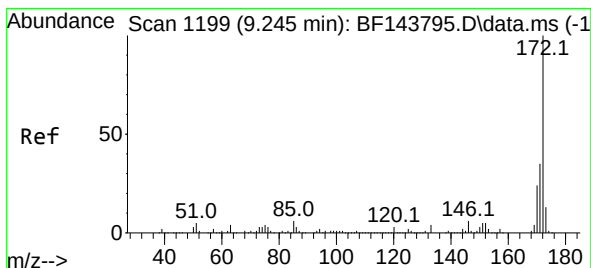
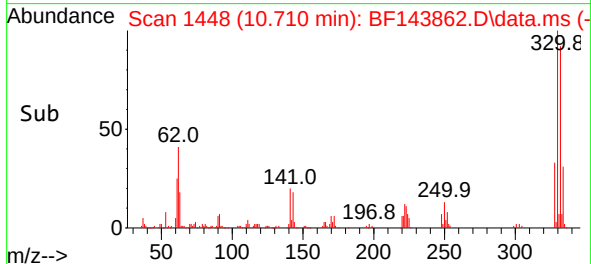
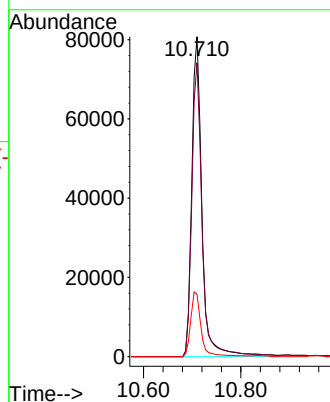
Tgt Ion:330 Resp: 117095

Ion Ratio Lower Upper

330 100

332 91.7 74.7 112.1

141 20.6 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 44.079 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143862.D

Acq: 02 Oct 2025 18:39

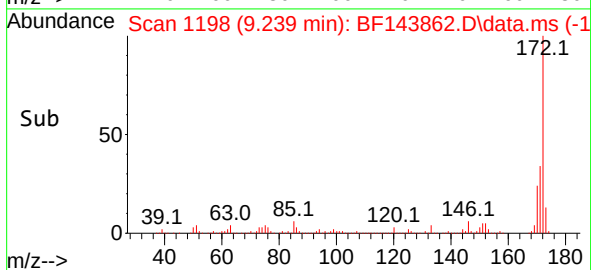
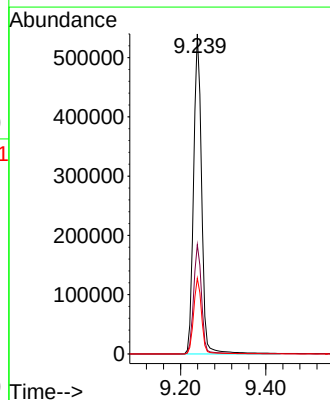
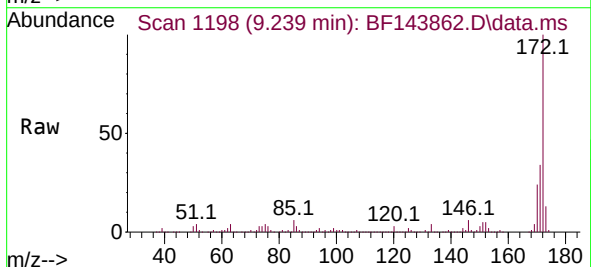
Tgt Ion:172 Resp: 707707

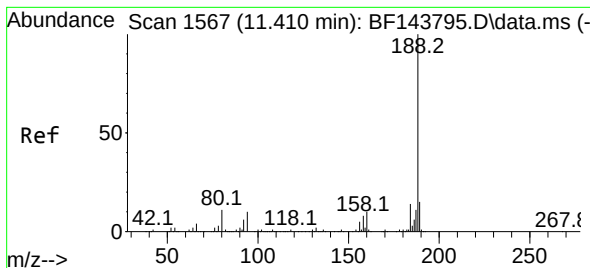
Ion Ratio Lower Upper

172 100

171 34.1 27.9 41.9

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143862.D

Acq: 02 Oct 2025 18:39

Instrument :

BNA_F

ClientSampleId :

PAD-100125

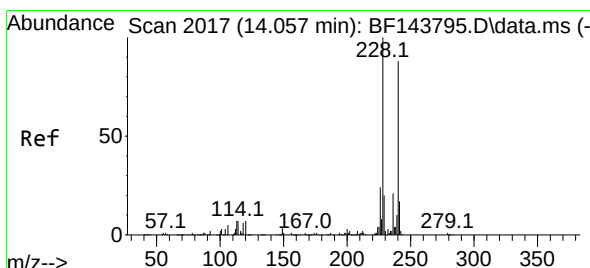
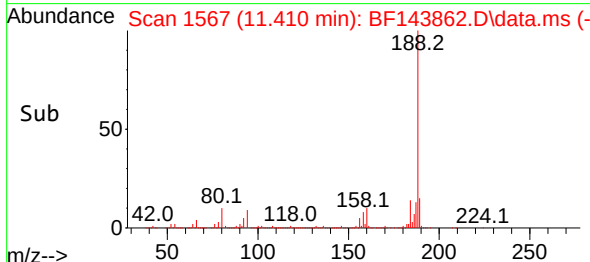
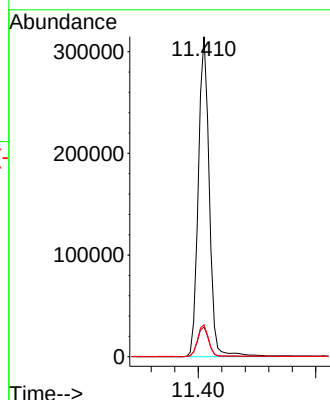
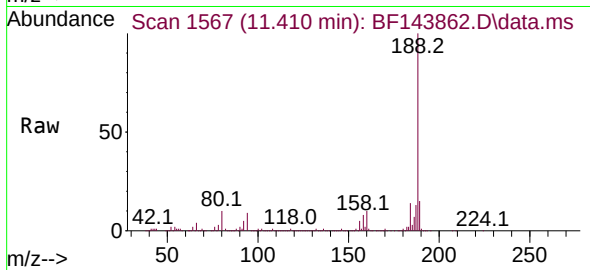
Tgt Ion:188 Resp: 407080

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

80 9.9 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF143862.D

Acq: 02 Oct 2025 18:39

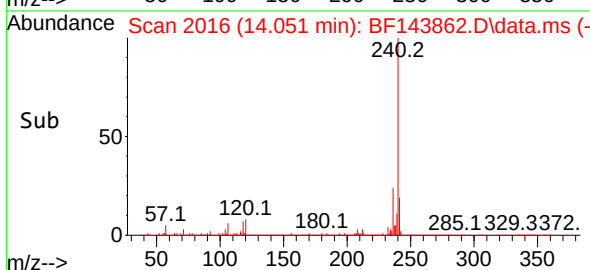
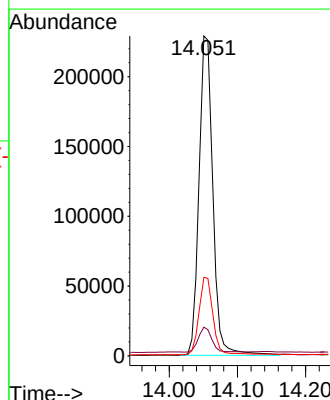
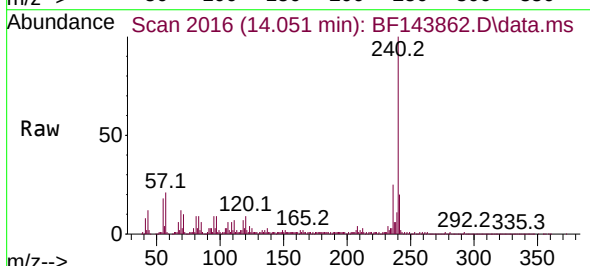
Tgt Ion:240 Resp: 324103

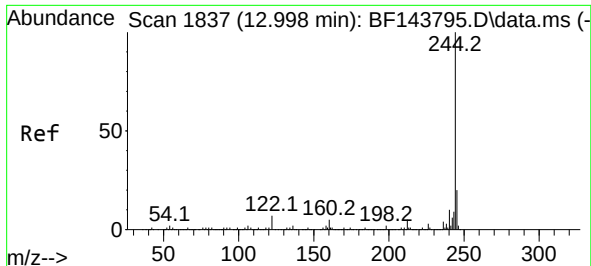
Ion Ratio Lower Upper

240 100

120 9.0 6.2 9.4

236 24.5 19.4 29.2

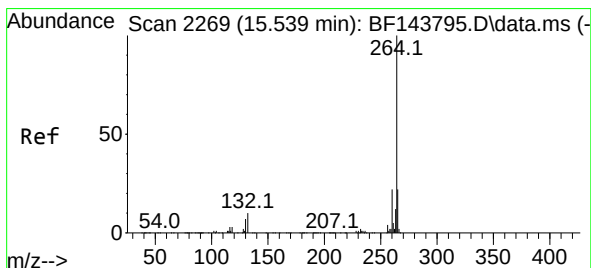
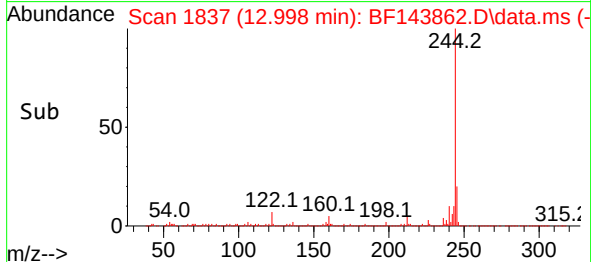
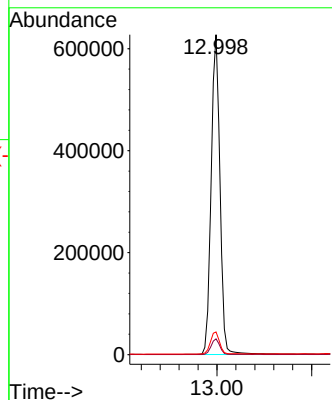
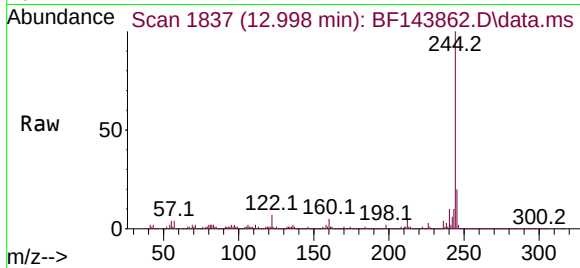




#79
 Terphenyl-d14
 Concen: 50.884 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PAD-100125

Tgt Ion:244 Resp: 810893
 Ion Ratio Lower Upper
 244 100
 212 4.9 3.9 5.9
 122 7.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF143862.D
 Acq: 02 Oct 2025 18:39

Tgt Ion:264 Resp: 466317
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 21.7 17.7 26.5

