

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142059.D
 Acq On : 24 Mar 2025 17:24
 Operator : RC/JU
 Sample : Q1606-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3025

Quant Time: Mar 24 17:52:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	131148	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	512582	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	288899	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	481499	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	267158	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	257405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1077015	137.058	ng	0.01
7) Phenol-d6	6.498	99	1204019	120.341	ng	0.00
23) Nitrobenzene-d5	7.434	82	937066	102.880	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	575107	156.916	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1961416	103.252	ng	-0.01
79) Terphenyl-d14	12.980	244	2073967	114.773	ng	0.00

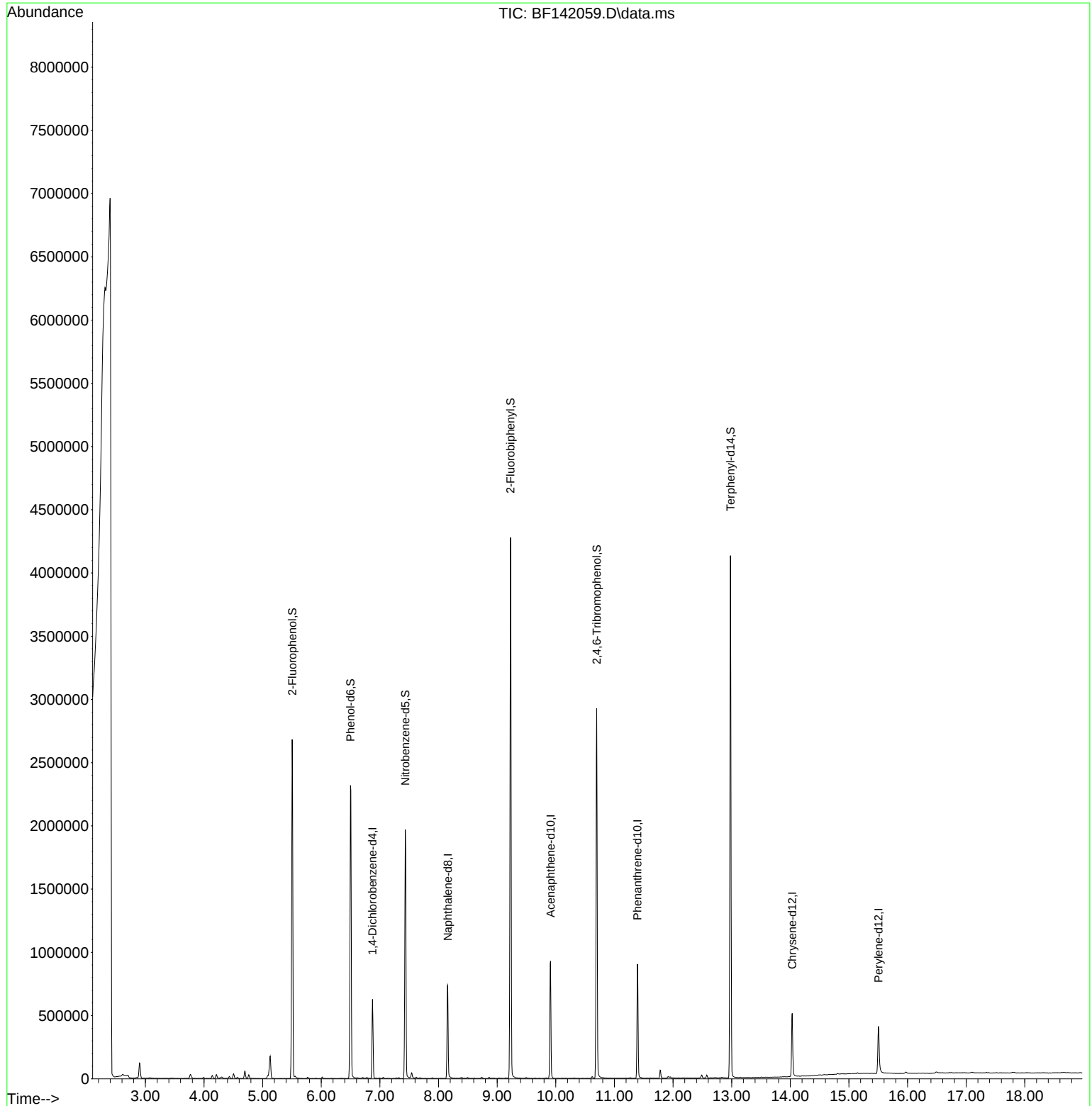
Target Compounds Qvalue

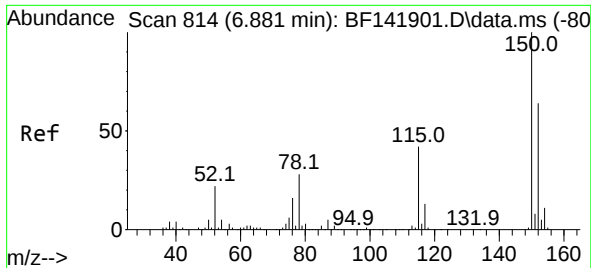
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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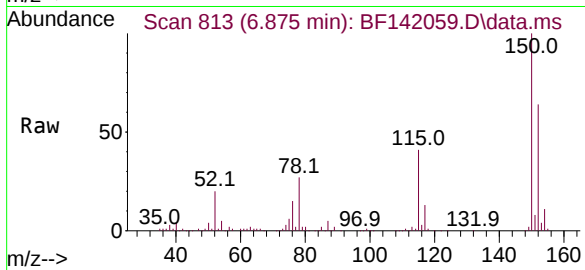
Quant Time: Mar 24 17:52:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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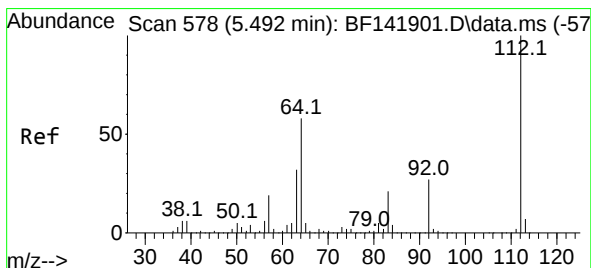
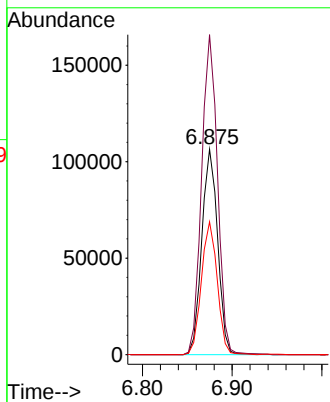
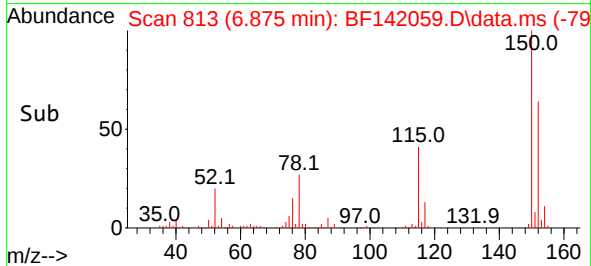


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

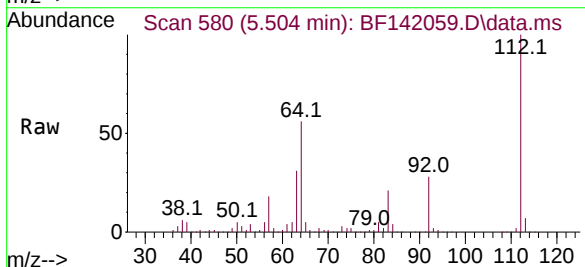
Instrument :
BNA_F
ClientSampleId :
RT3025



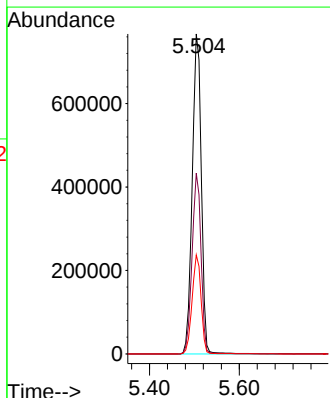
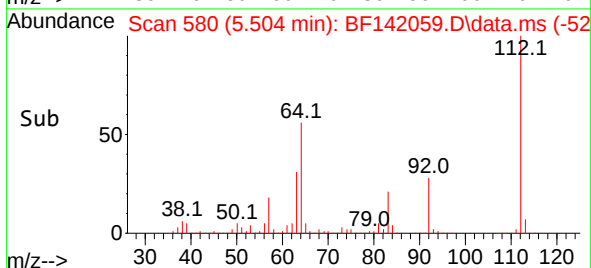
Tgt Ion:152 Resp: 131148
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.2
115 64.6 51.9 77.9

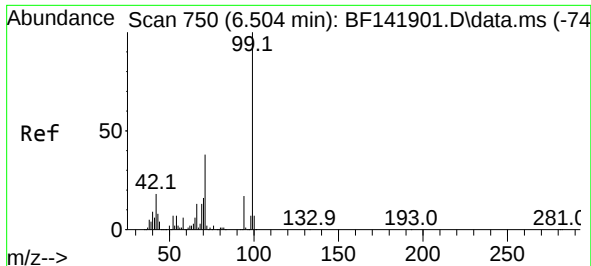


#5
2-Fluorophenol
Concen: 137.058 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24



Tgt Ion:112 Resp: 1077015
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.9 25.4 38.2

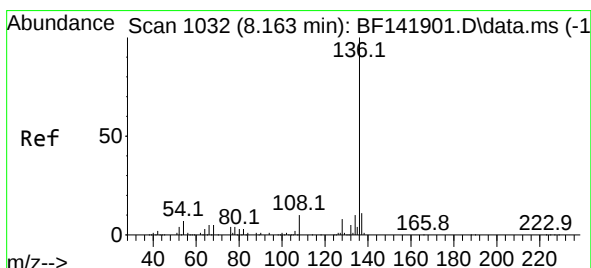
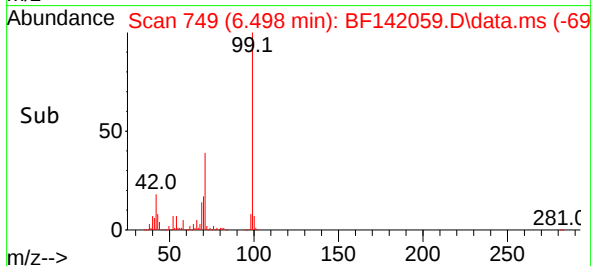
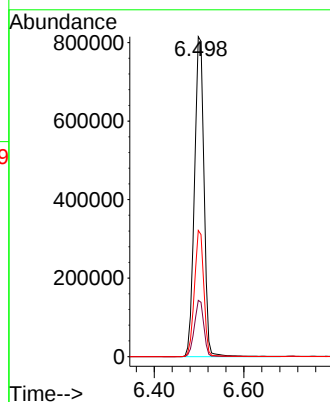
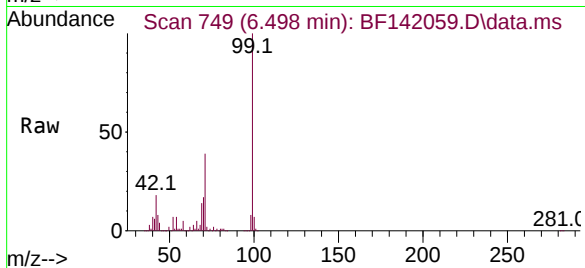




#7
Phenol-d6
Concen: 120.341 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

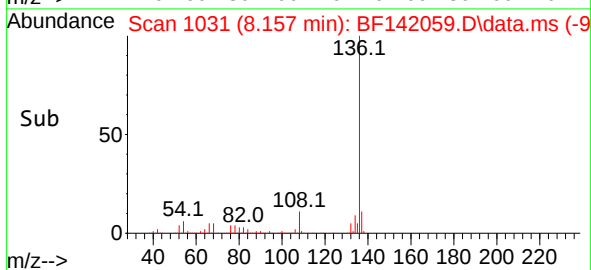
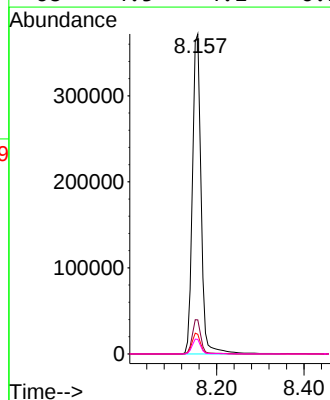
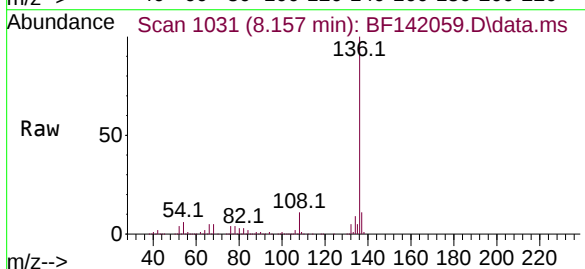
Instrument :
BNA_F
ClientSampleId :
RT3025

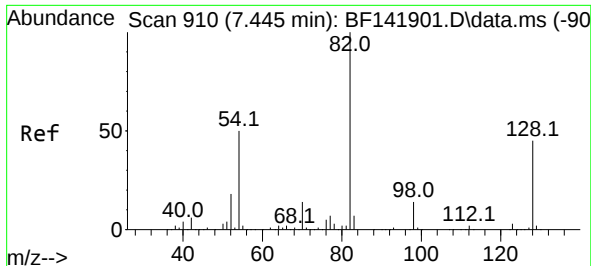
Tgt Ion: 99 Resp: 1204019
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.4 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

Tgt Ion:136 Resp: 512582
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.1 5.8 8.8
68 4.5 4.1 6.1

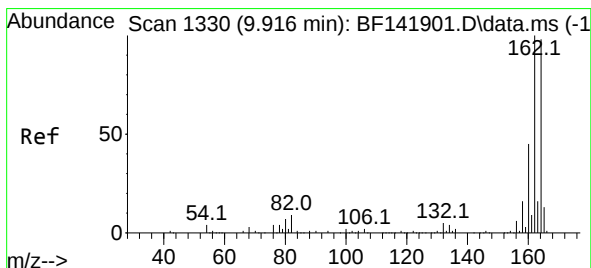
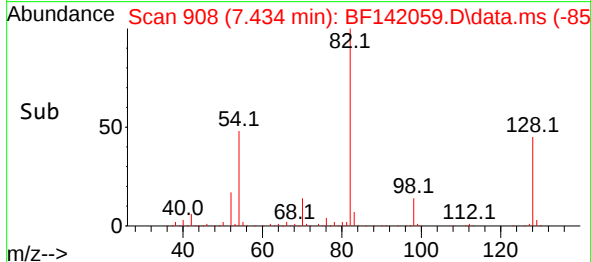
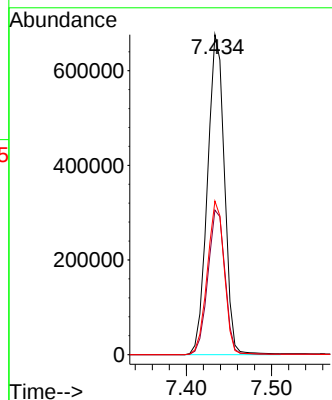
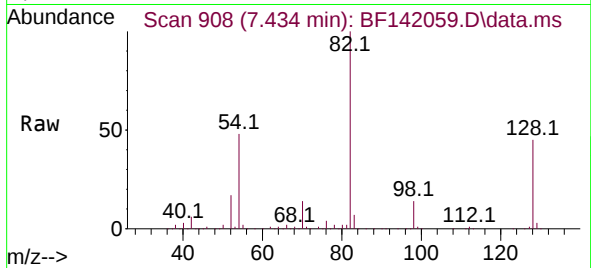




#23
Nitrobenzene-d5
Concen: 102.880 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

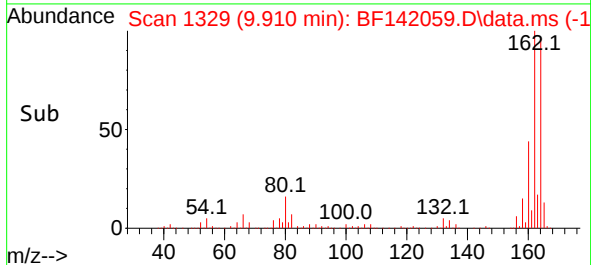
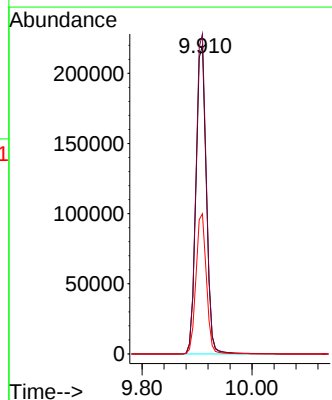
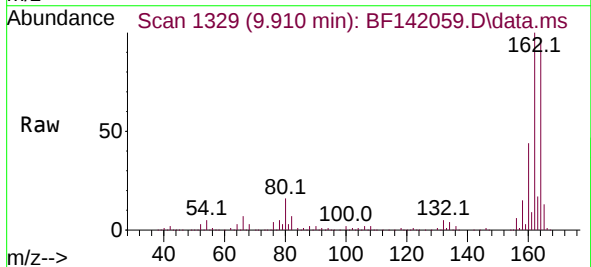
Instrument :
BNA_F
ClientSampleId :
RT3025

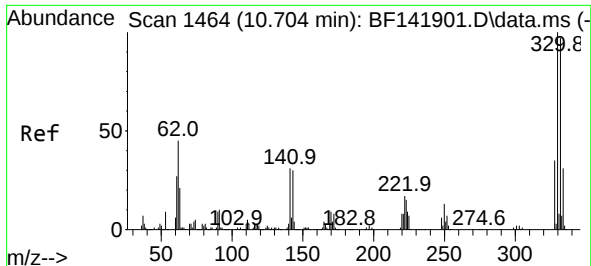
Tgt Ion: 82 Resp: 937066
Ion Ratio Lower Upper
82 100
128 45.2 36.0 54.0
54 48.0 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

Tgt Ion:164 Resp: 288899
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 156.916 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142059.D

Acq: 24 Mar 2025 17:24

Instrument :

BNA_F

ClientSampleId :

RT3025

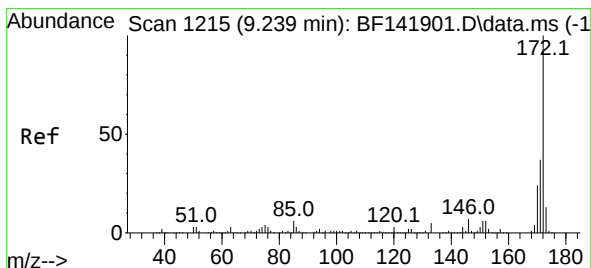
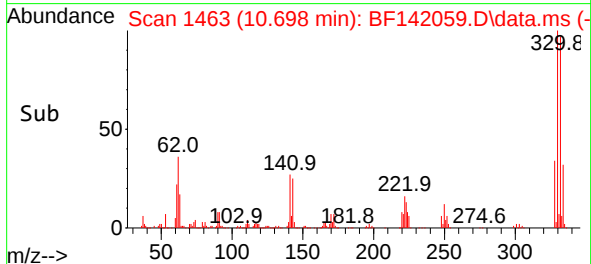
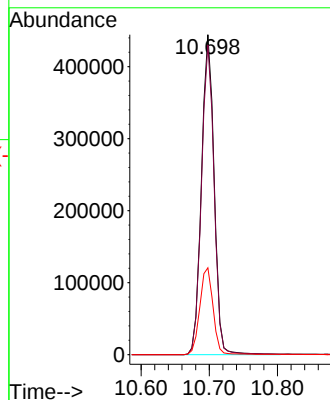
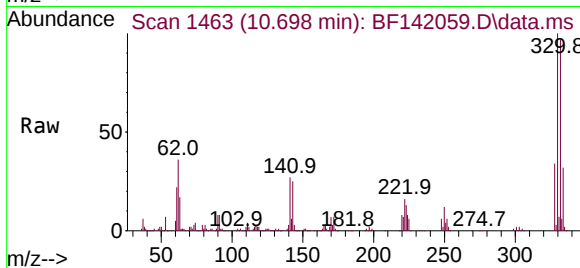
Tgt Ion:330 Resp: 575107

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 28.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 103.252 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142059.D

Acq: 24 Mar 2025 17:24

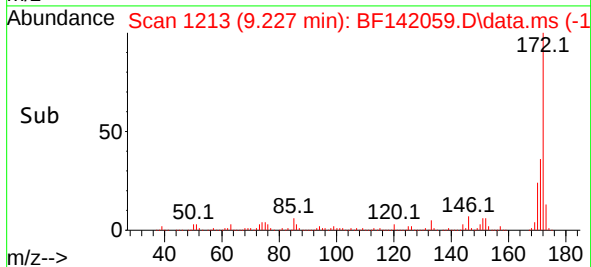
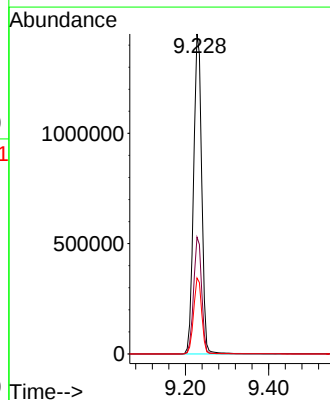
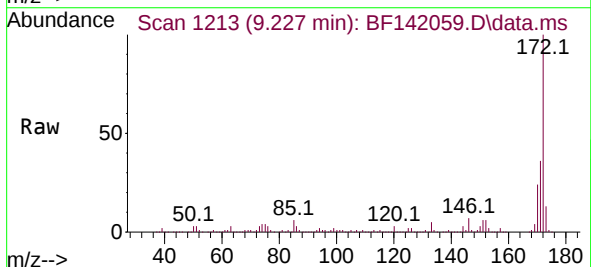
Tgt Ion:172 Resp: 1961416

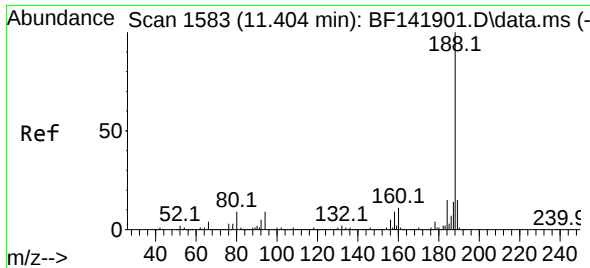
Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

170 23.7 19.4 29.0

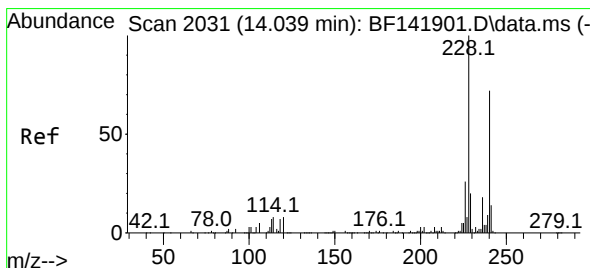
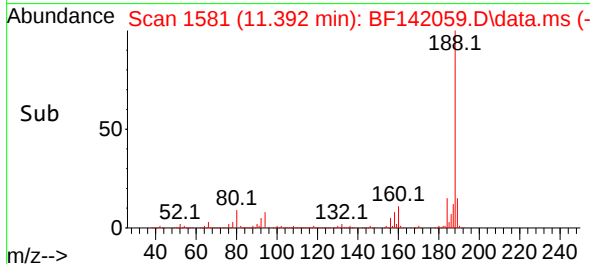
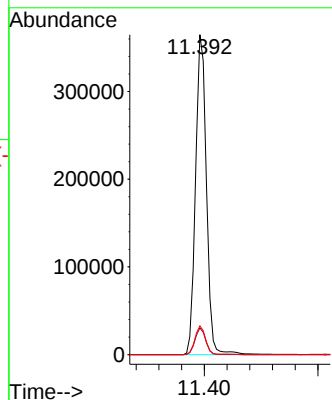
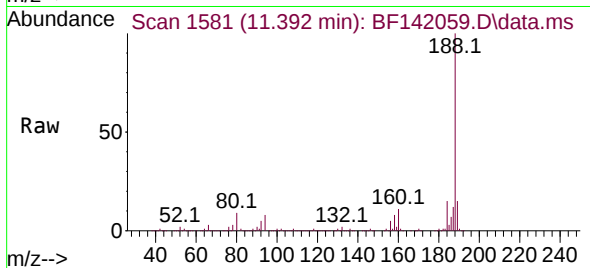




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

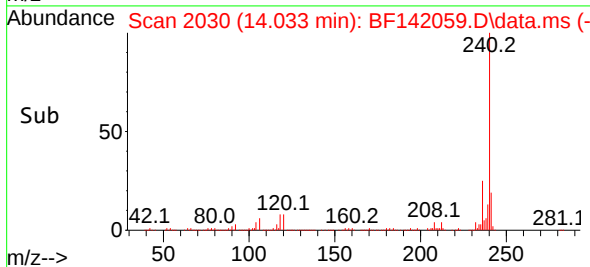
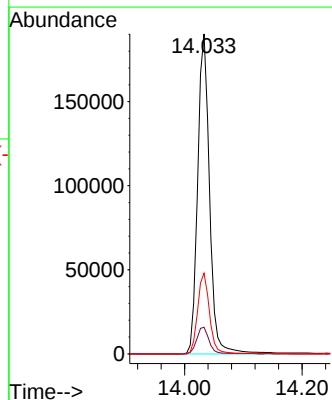
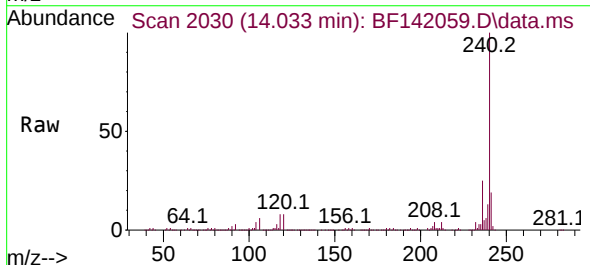
Instrument :
BNA_F
ClientSampleId :
RT3025

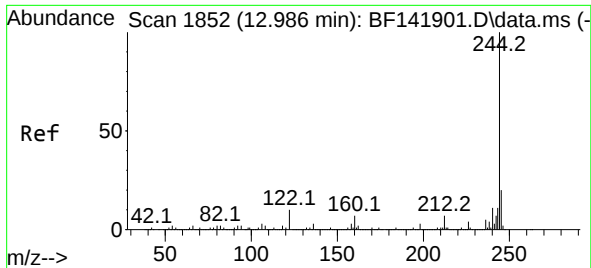
Tgt Ion:188 Resp: 481499
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142059.D
Acq: 24 Mar 2025 17:24

Tgt Ion:240 Resp: 267158
Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 25.2 20.5 30.7

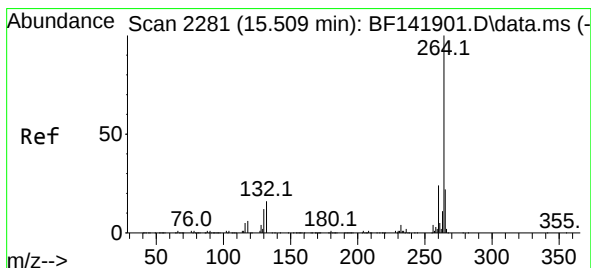
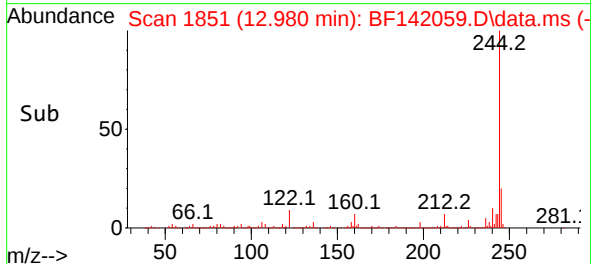
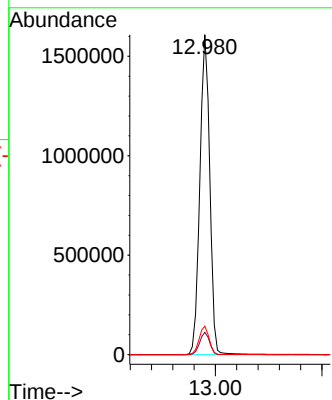
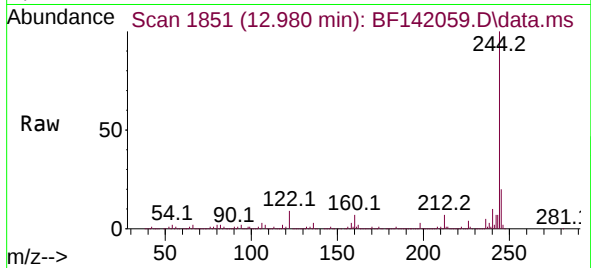




#79
 Terphenyl-d14
 Concen: 114.773 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142059.D
 Acq: 24 Mar 2025 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RT3025

Tgt Ion:244 Resp: 2073967
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142059.D
 Acq: 24 Mar 2025 17:24

Tgt Ion:264 Resp: 257405
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 21.2 17.5 26.3

