

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142414.D
 Acq On : 16 May 2025 01:56
 Operator : RC/JU
 Sample : Q2039-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-05142025

Quant Time: May 16 03:04:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

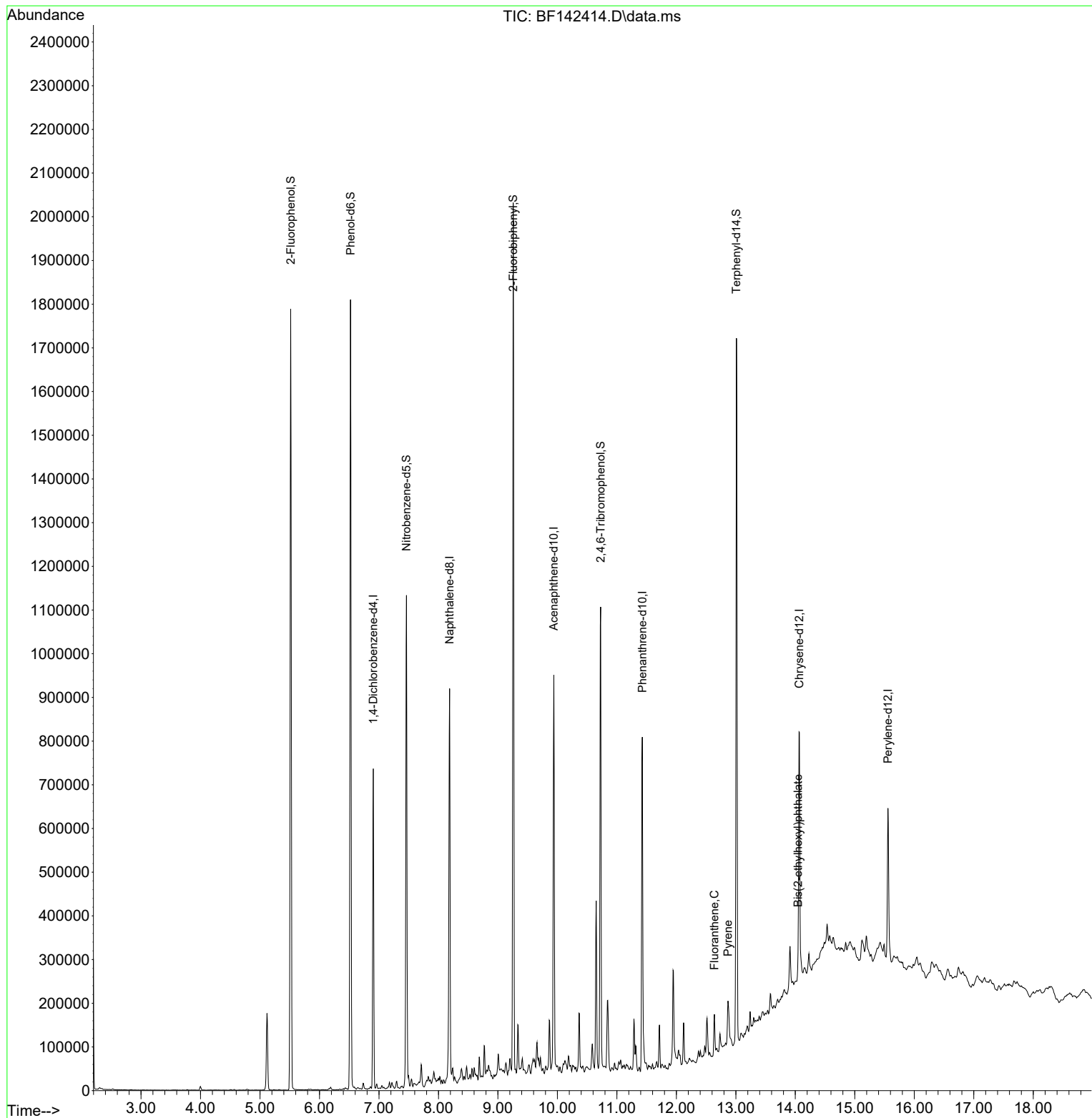
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	156216	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	556713	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264565	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	401971	20.000	ng	0.00
76) Chrysene-d12	14.069	240	275728	20.000	ng	0.00
86) Perylene-d12	15.557	264	214196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	679110	74.211	ng	0.00
7) Phenol-d6	6.522	99	830613	73.799	ng	0.00
23) Nitrobenzene-d5	7.463	82	461373	50.543	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	188343	73.735	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	874627	47.138	ng	0.00
79) Terphenyl-d14	13.010	244	786526	42.221	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.639	202	48119	2.285	ng	98
78) Pyrene	12.869	202	55262	2.252	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	10872	5.300	ng	# 89

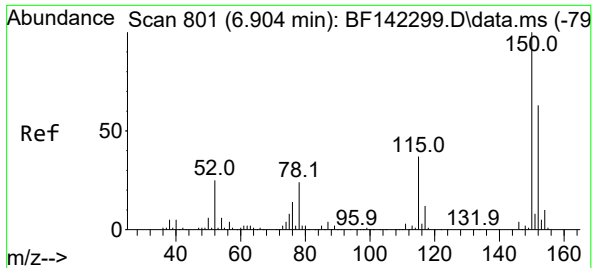
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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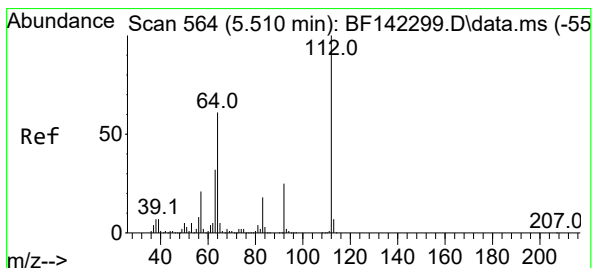
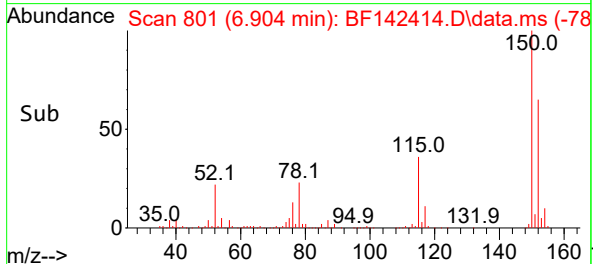
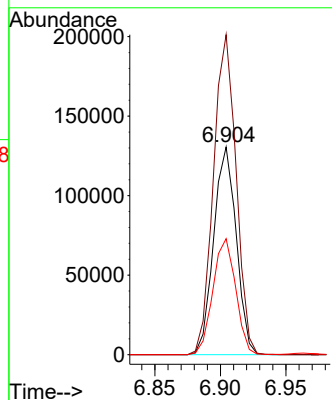
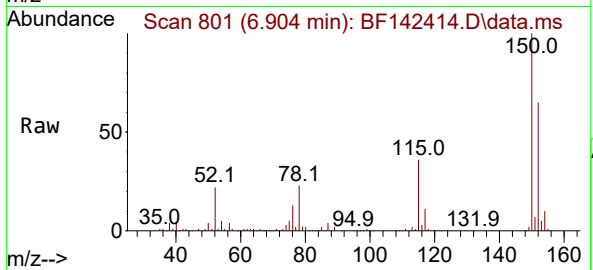




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

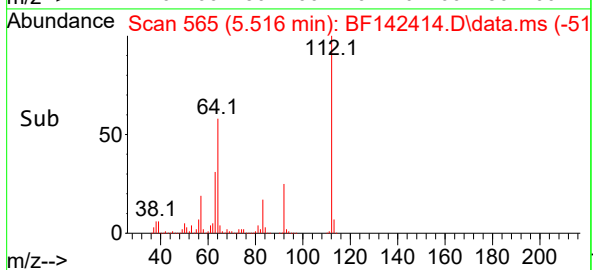
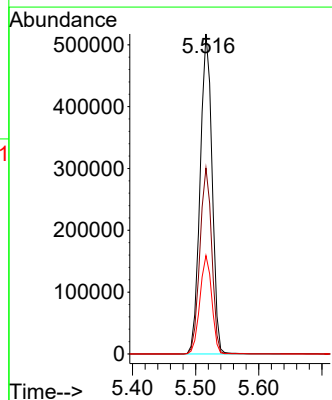
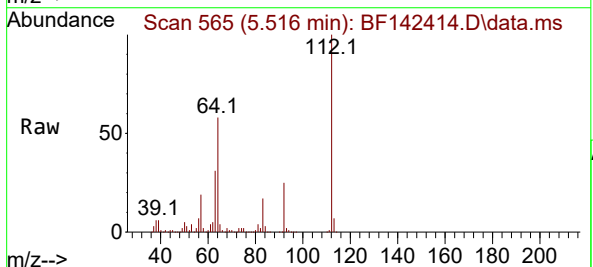
Instrument :
BNA_F
ClientSampleId :
TR-05-05142025

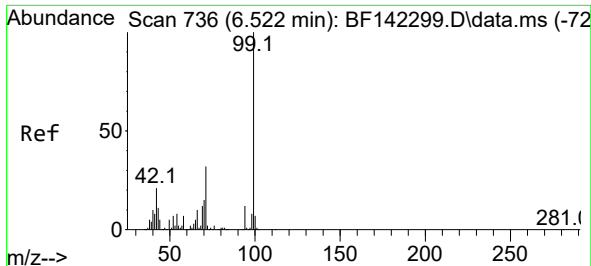
Tgt Ion:152 Resp: 156216
Ion Ratio Lower Upper
152 100
150 154.0 126.6 190.0
115 55.9 47.3 70.9



#5
2-Fluorophenol
Concen: 74.211 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

Tgt Ion:112 Resp: 679110
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.7 25.6 38.4

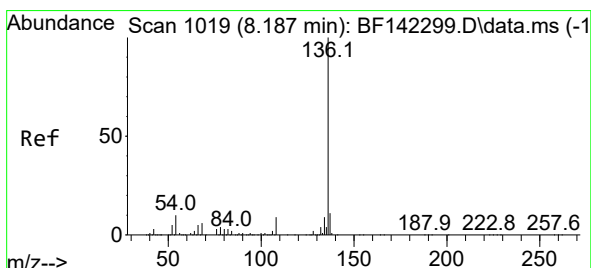
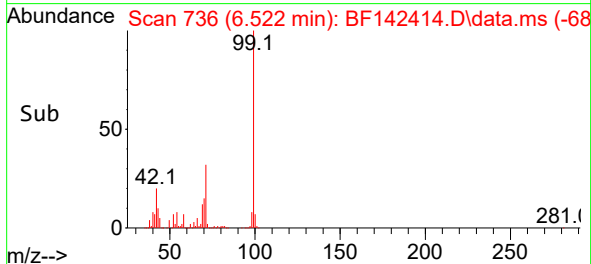
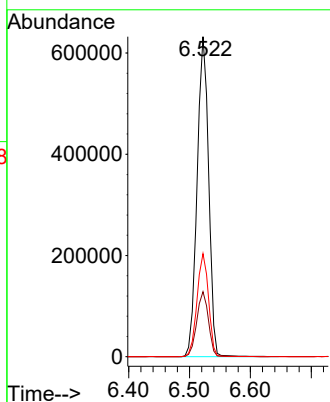
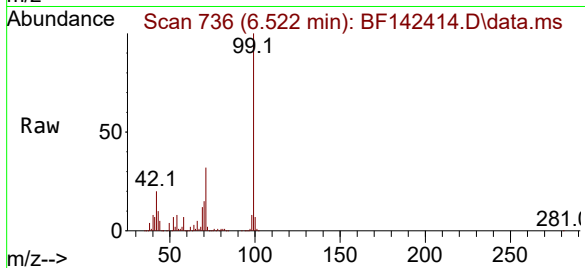




#7
Phenol-d6
Concen: 73.799 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

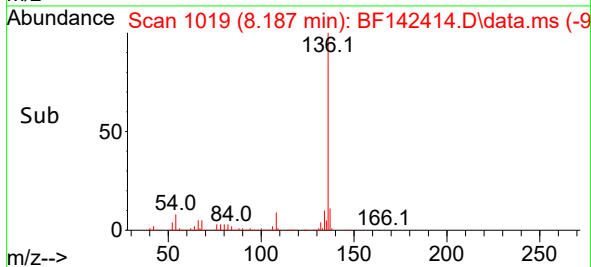
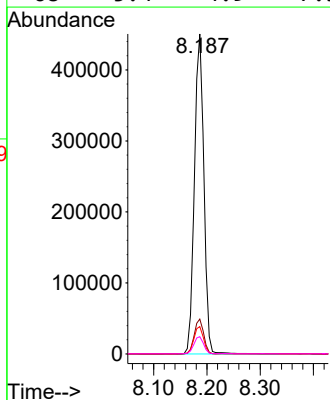
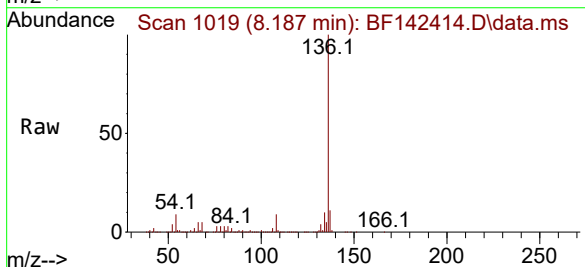
Instrument :
BNA_F
ClientSampleId :
TR-05-05142025

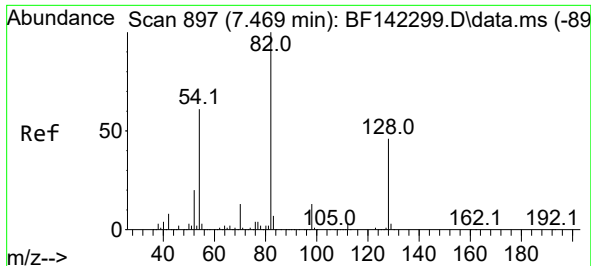
Tgt Ion: 99 Resp: 830613
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

Tgt Ion: 136 Resp: 556713
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 7.7 11.5
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 50.543 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

Instrument :

BNA_F

ClientSampleId :

TR-05-05142025

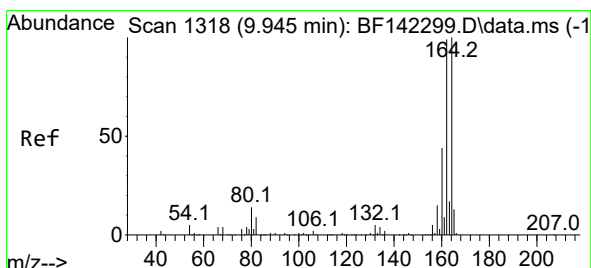
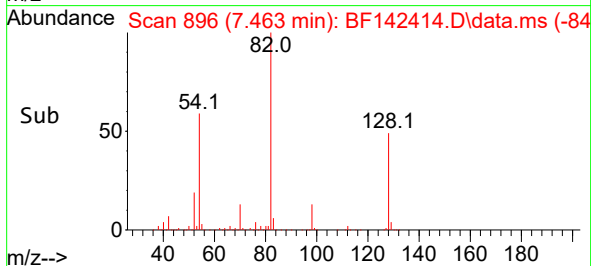
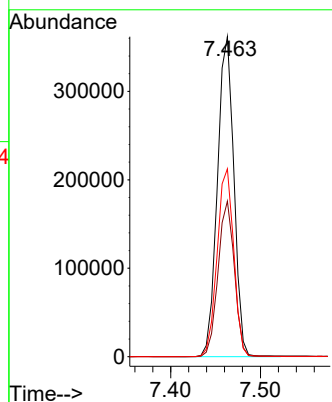
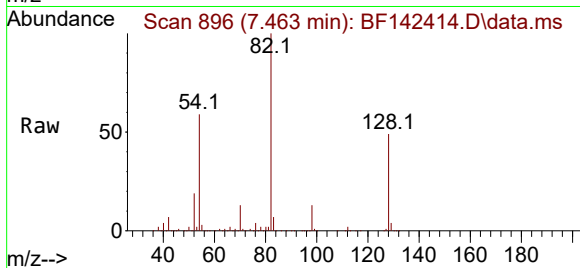
Tgt Ion: 82 Resp: 461373

Ion Ratio Lower Upper

82 100

128 48.6 37.0 55.6

54 58.7 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

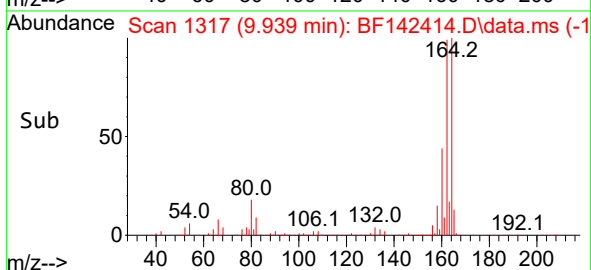
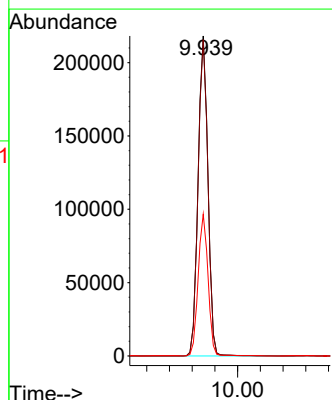
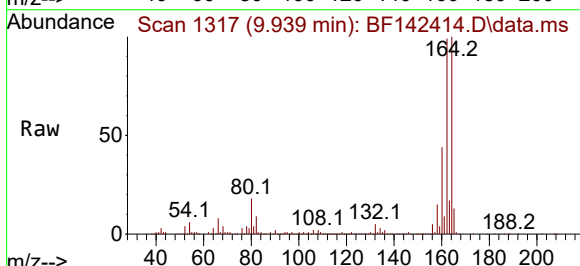
Tgt Ion: 164 Resp: 264565

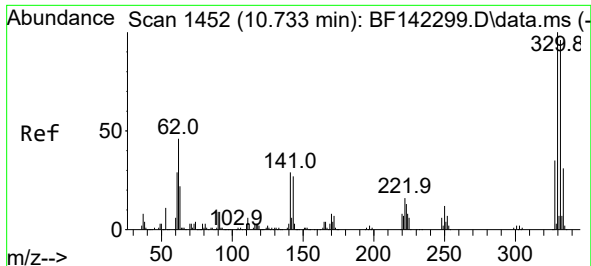
Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

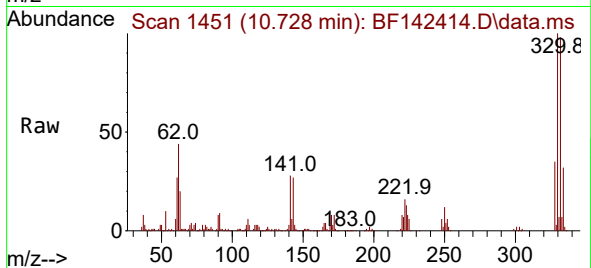
160 44.3 35.3 52.9



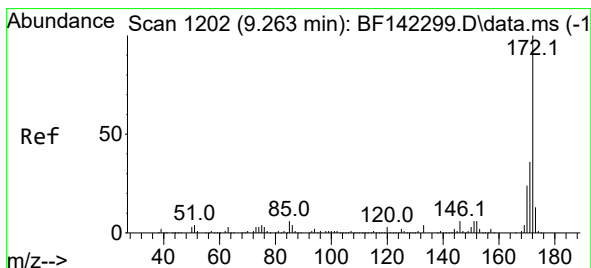
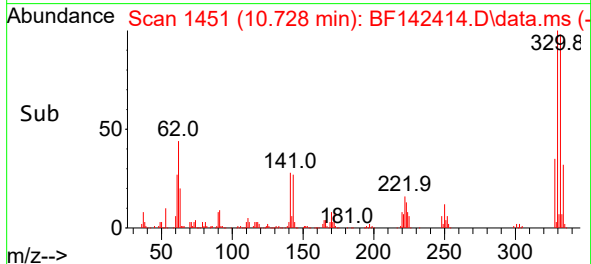
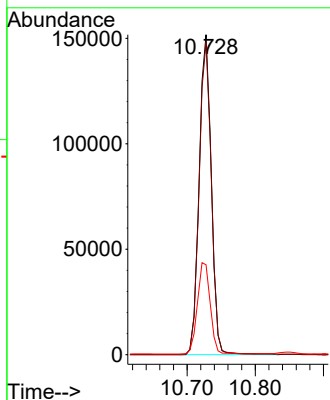


#42
2,4,6-Tribromophenol
Concen: 73.735 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

Instrument :
BNA_F
ClientSampleId :
TR-05-05142025

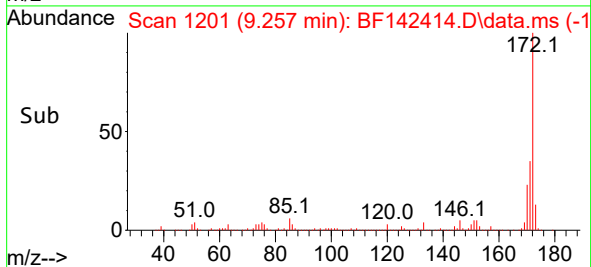
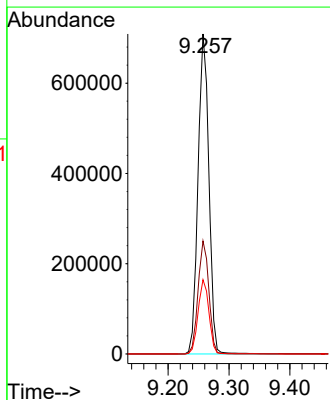
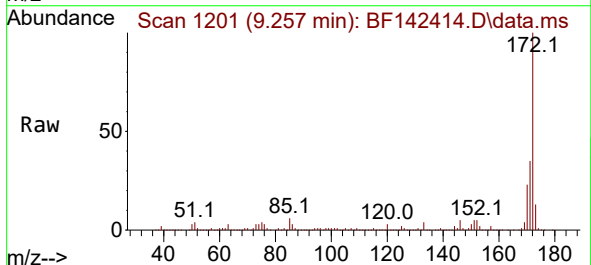


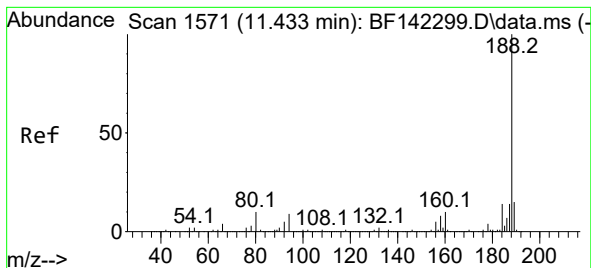
Tgt Ion: 330 Resp: 188343
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 30.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 47.138 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142414.D
Acq: 16 May 2025 01:56

Tgt Ion: 172 Resp: 874627
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

Instrument :

BNA_F

ClientSampleId :

TR-05-05142025

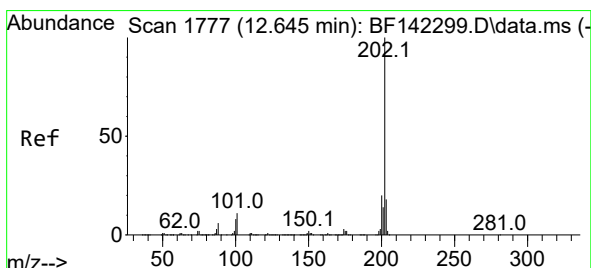
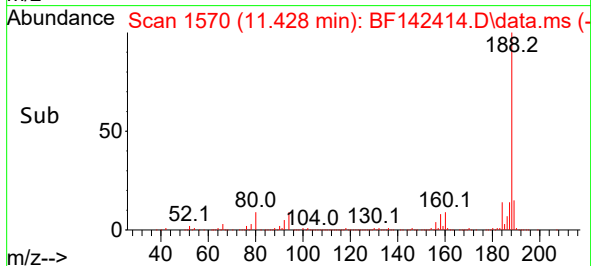
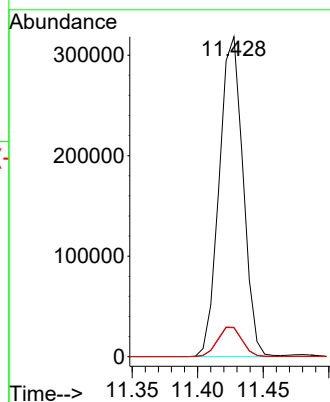
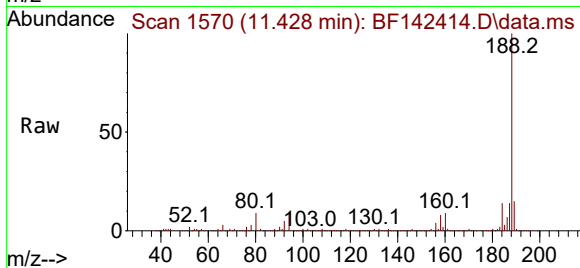
Tgt Ion:188 Resp: 401971

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.2 7.9 11.9



#75

Fluoranthene

Concen: 2.285 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

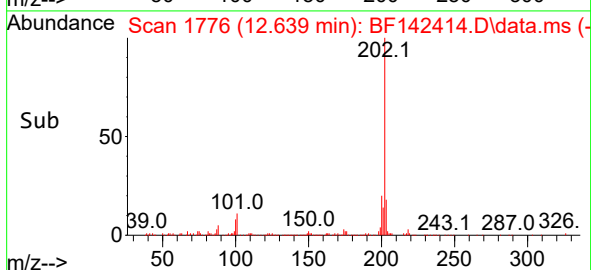
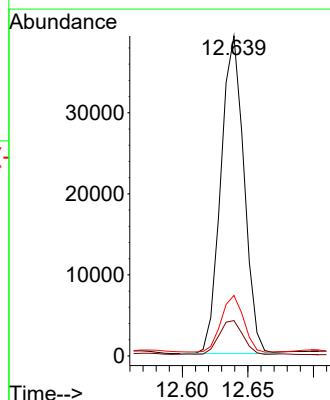
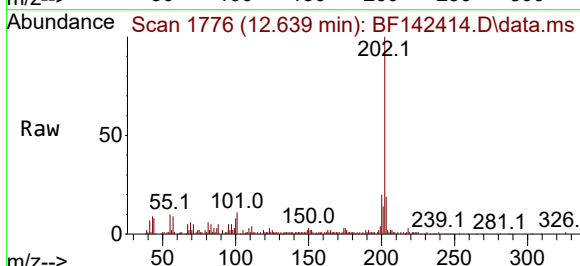
Tgt Ion:202 Resp: 48119

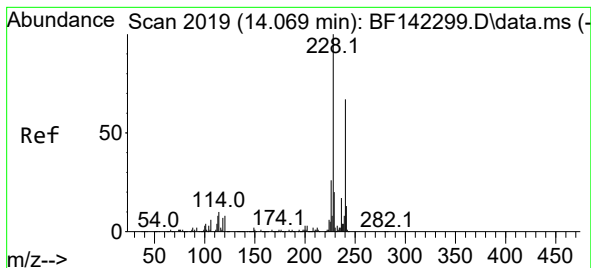
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 18.9 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

Instrument :

BNA_F

ClientSampleId :

TR-05-05142025

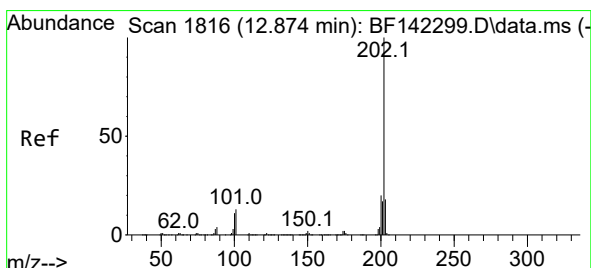
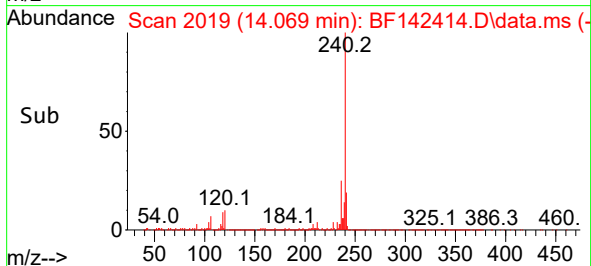
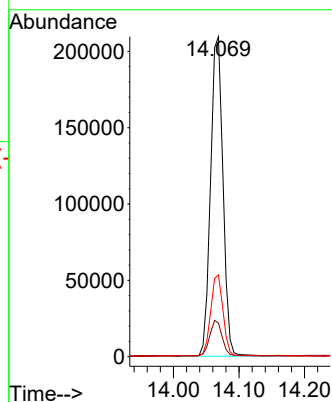
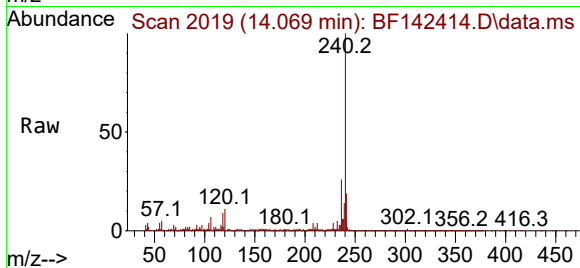
Tgt Ion:240 Resp: 275728

Ion Ratio Lower Upper

240 100

120 10.5 9.7 14.5

236 25.5 20.0 30.0



#78

Pyrene

Concen: 2.252 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142414.D

Acq: 16 May 2025 01:56

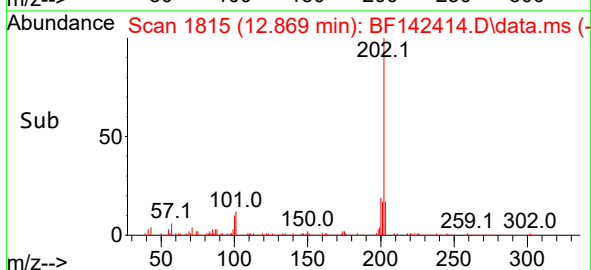
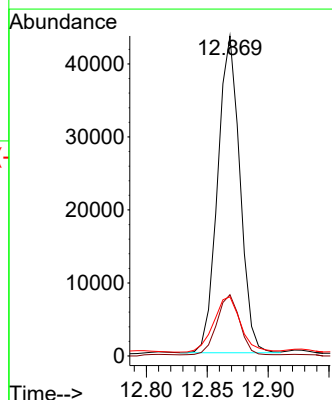
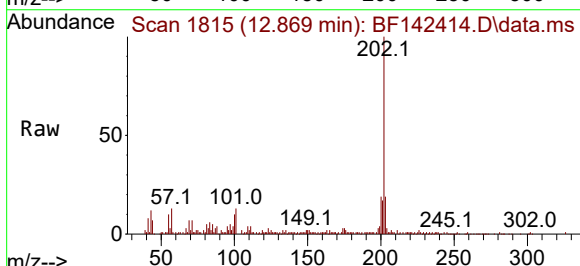
Tgt Ion:202 Resp: 55262

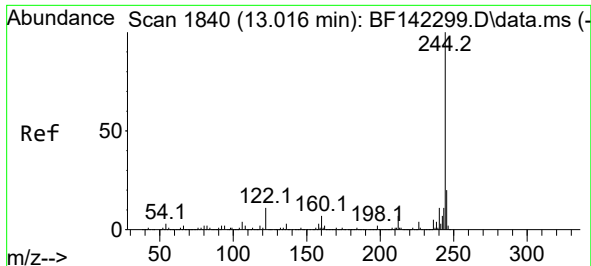
Ion Ratio Lower Upper

202 100

200 19.2 16.2 24.4

203 18.5 14.3 21.5

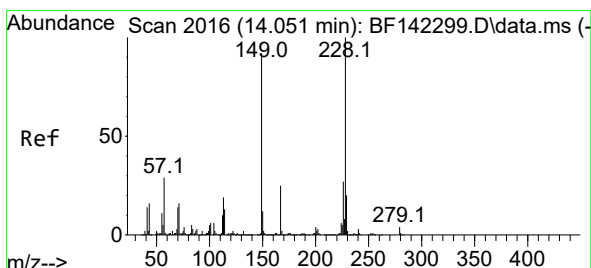
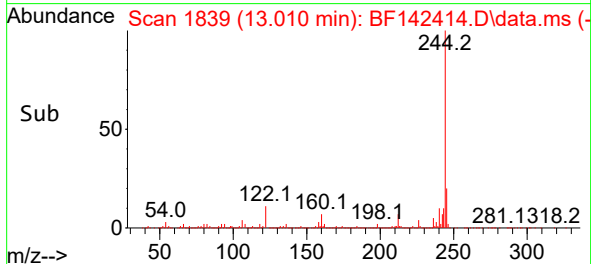
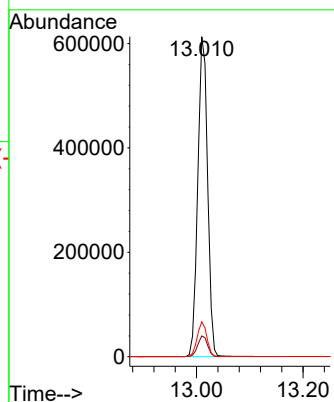
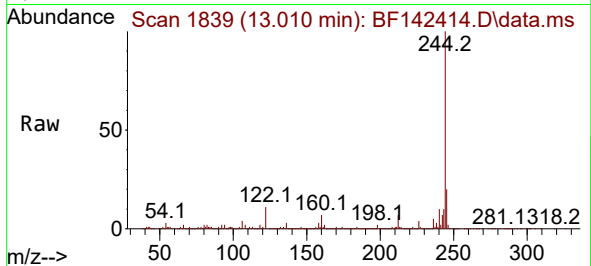




#79
 Terphenyl-d14
 Concen: 42.221 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142414.D
 Acq: 16 May 2025 01:56

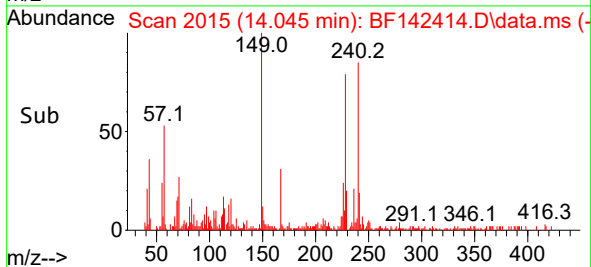
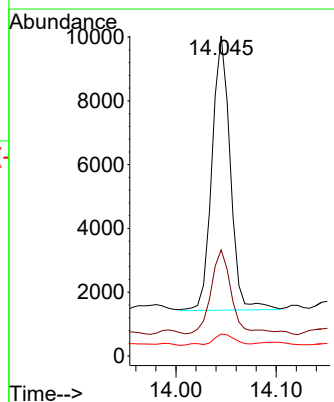
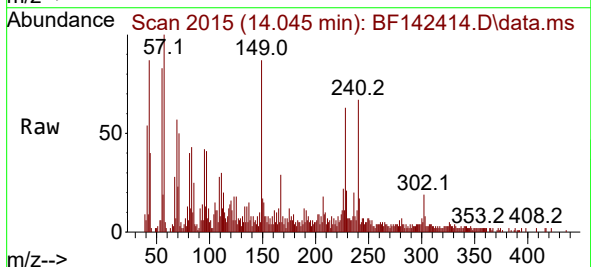
Instrument :
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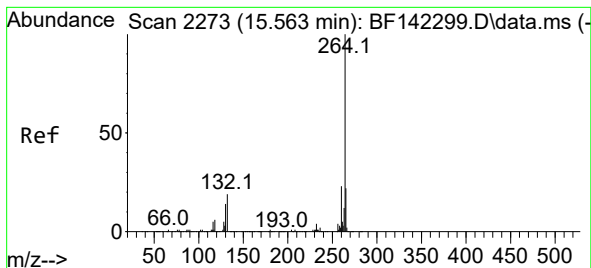
Tgt Ion:244 Resp: 786526
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.9 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.300 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142414.D
 Acq: 16 May 2025 01:56

Tgt Ion:149 Resp: 10872
 Ion Ratio Lower Upper
 149 100
 167 33.1 22.0 33.0#
 279 6.9 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142414.D

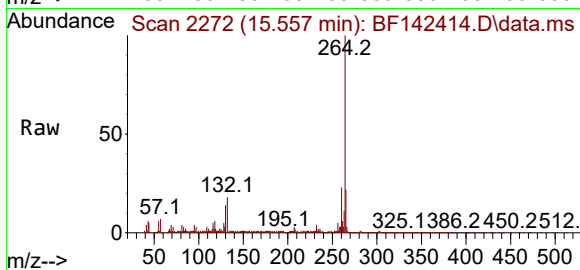
Acq: 16 May 2025 01:56

Instrument :

BNA_F

ClientSampleId :

TR-05-05142025



Tgt Ion:264 Resp: 214196

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.7 17.5 26.3

