

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142276.D
 Acq On : 02 May 2025 11:58
 Operator : RC/JU
 Sample : Q1901-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01

Quant Time: May 02 12:28:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

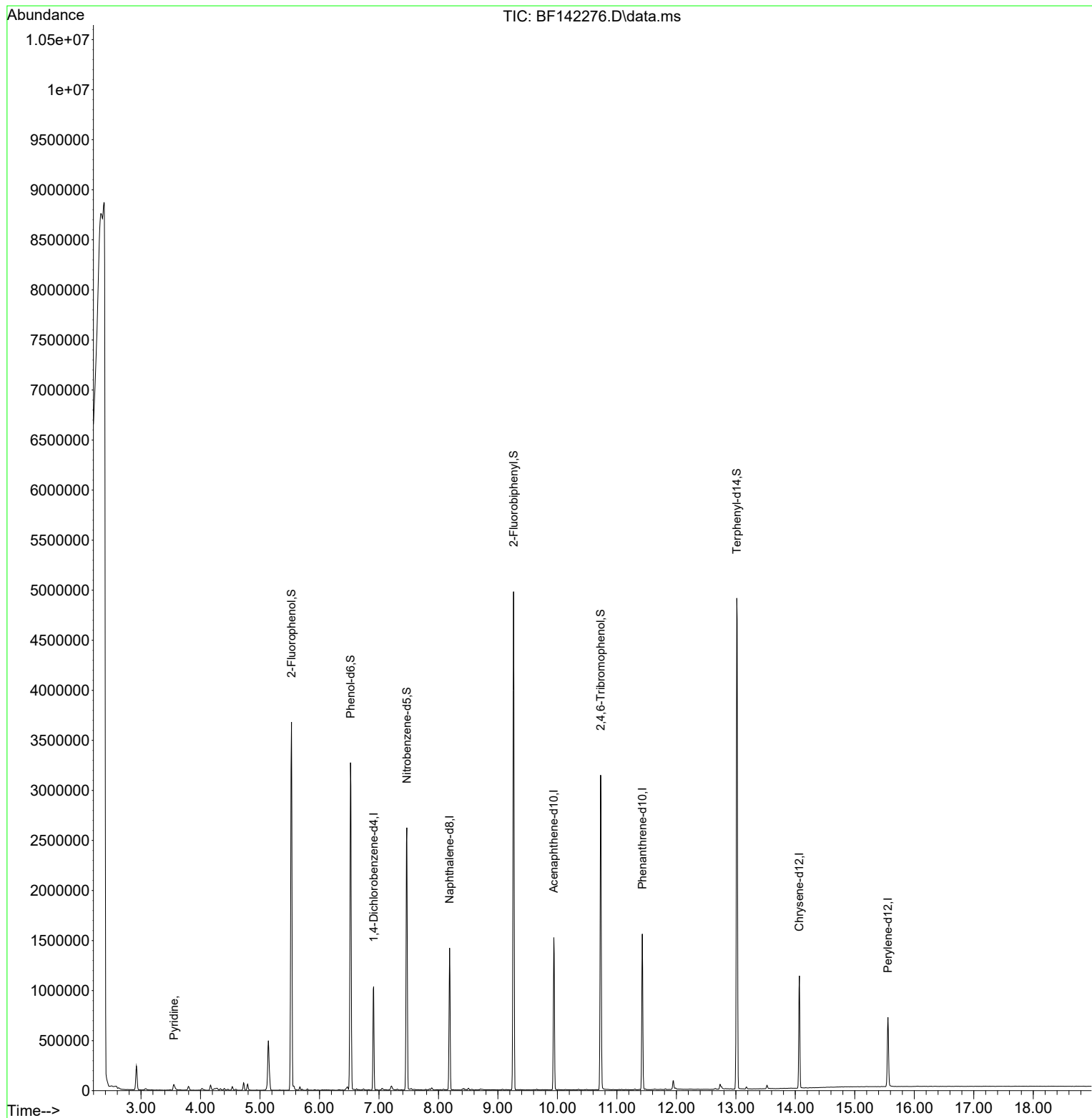
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	222553	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	840174	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	447329	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	769739	20.000	ng	0.00
76) Chrysene-d12	14.068	240	529430	20.000	ng	0.00
86) Perylene-d12	15.557	264	393063	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1438792	103.249	ng	0.01
7) Phenol-d6	6.522	99	1614400	95.937	ng	0.00
23) Nitrobenzene-d5	7.469	82	1129271	88.303	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	565380	138.641	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2216915	69.876	ng	0.00
79) Terphenyl-d14	13.016	244	2479112	68.104	ng	0.00
Target Compounds						
3) Pyridine	3.551	79	38955	2.408	ng	Qvalue 98

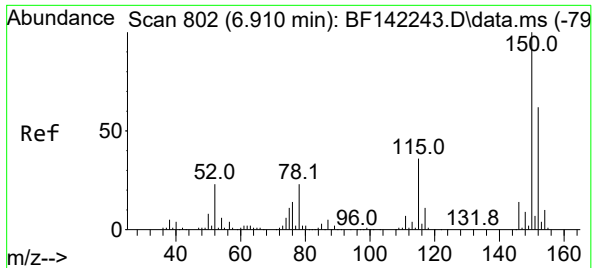
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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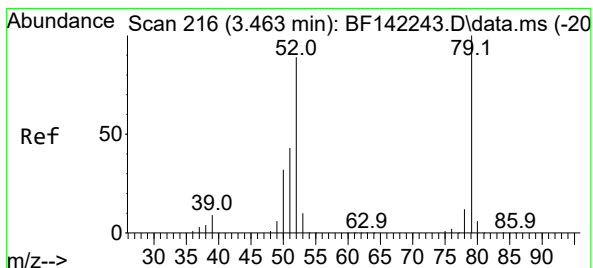
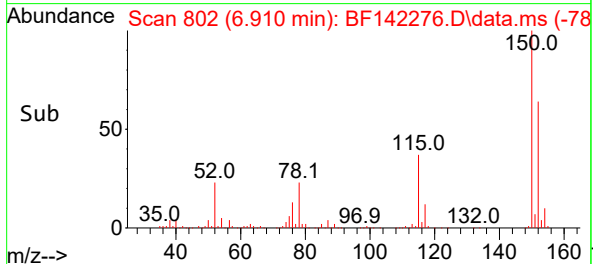
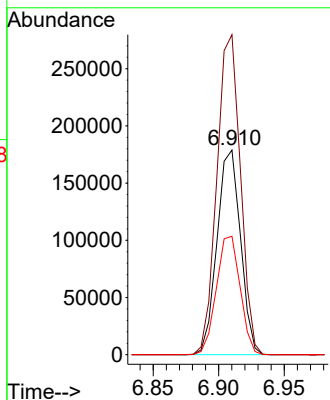
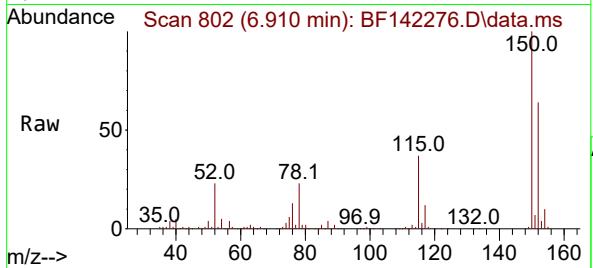




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

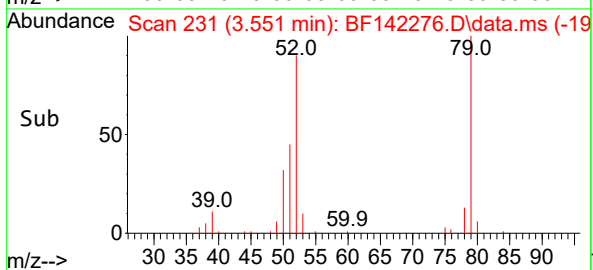
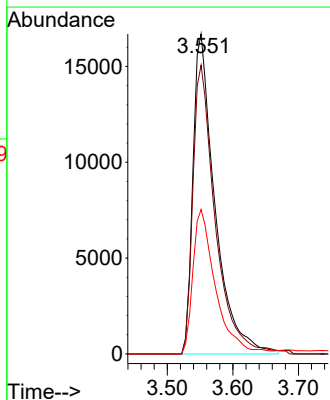
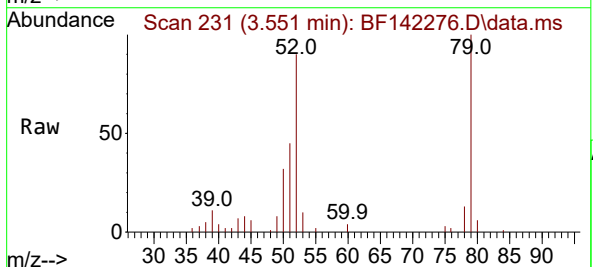
Instrument :
BNA_F
ClientSampleId :
B-167-SB01

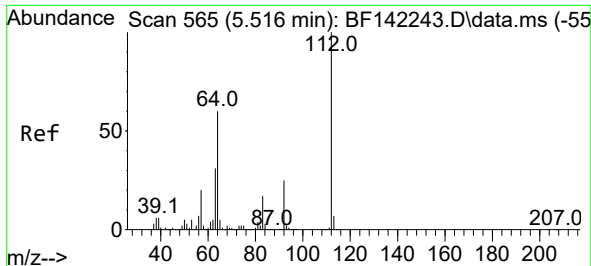
Tgt Ion:152 Resp: 222553
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 57.9 47.0 70.4



#3
Pyridine
Concen: 2.408 ng
RT: 3.551 min Scan# 231
Delta R.T. 0.088 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

Tgt Ion: 79 Resp: 38955
Ion Ratio Lower Upper
79 100
52 90.2 71.5 107.3
51 45.2 34.5 51.7

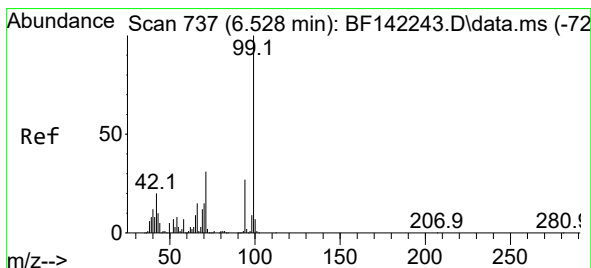
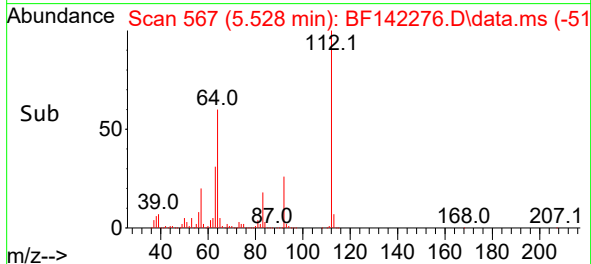
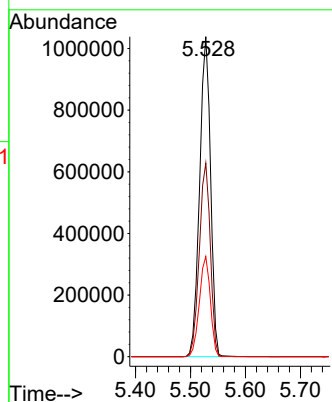
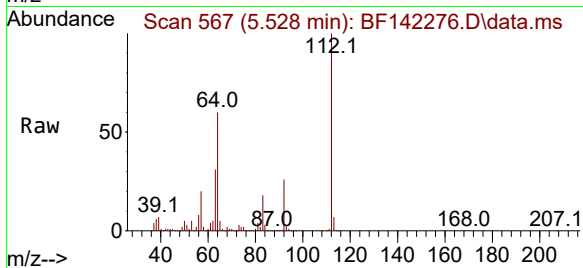




#5
2-Fluorophenol
Concen: 103.249 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

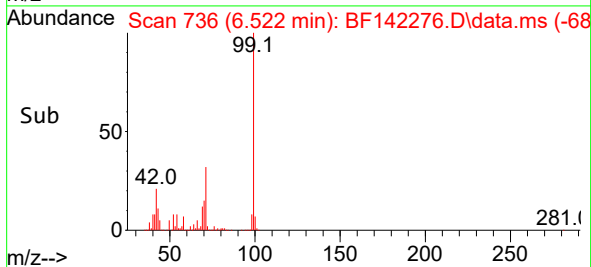
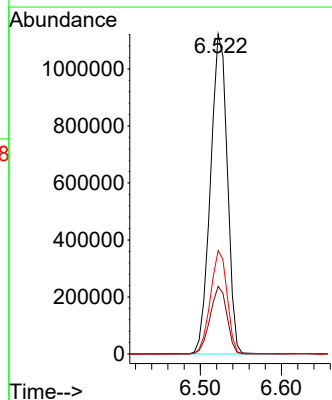
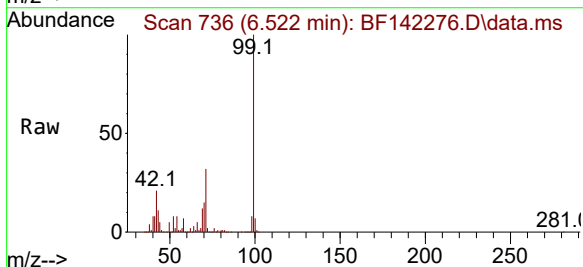
Instrument :
BNA_F
ClientSampleId :
B-167-SB01

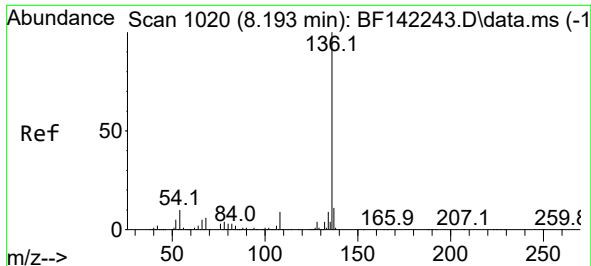
Tgt Ion:112 Resp: 1438792
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.3 24.8 37.2



#7
Phenol-d6
Concen: 95.937 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

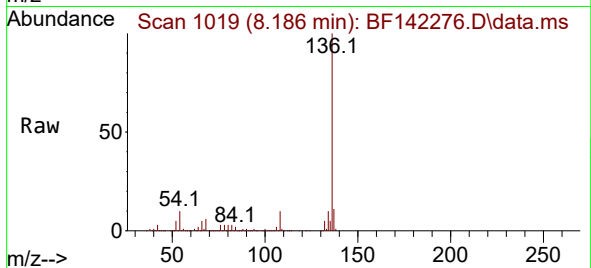
Tgt Ion: 99 Resp: 1614400
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.3 25.0 37.4



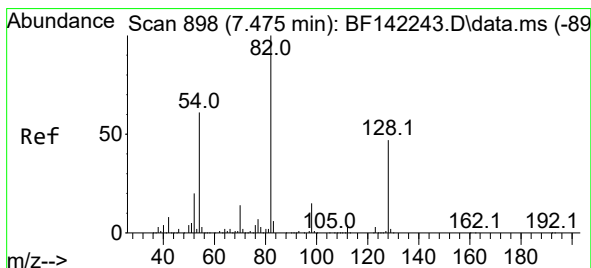
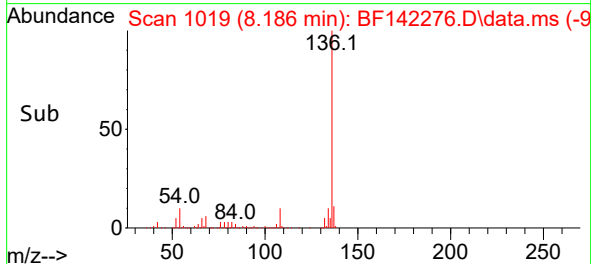
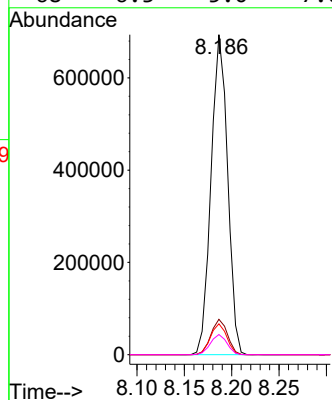


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

Instrument :
BNA_F
ClientSampleId :
B-167-SB01

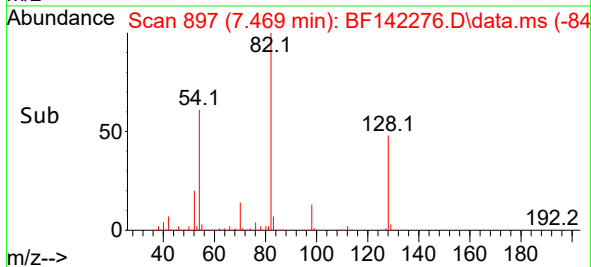
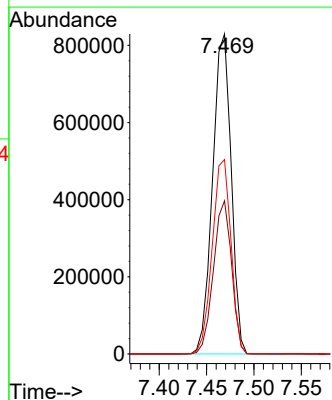
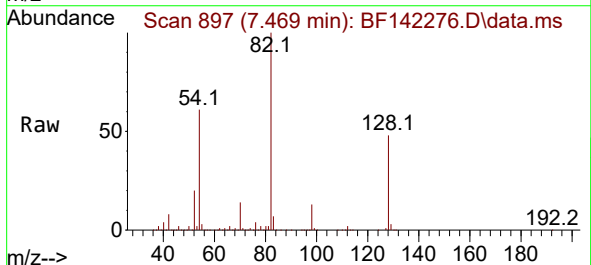


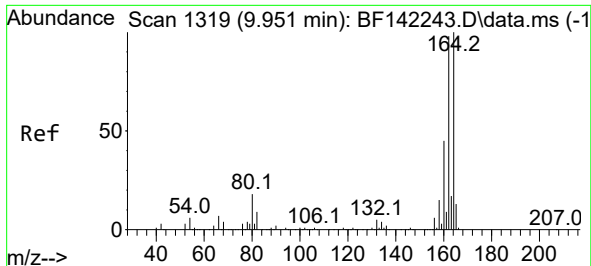
Tgt Ion:136 Resp: 840174
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 88.303 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

Tgt Ion: 82 Resp: 1129271
Ion Ratio Lower Upper
82 100
128 47.9 37.0 55.6
54 60.7 48.0 72.0

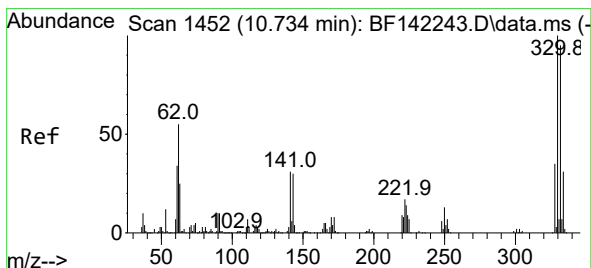
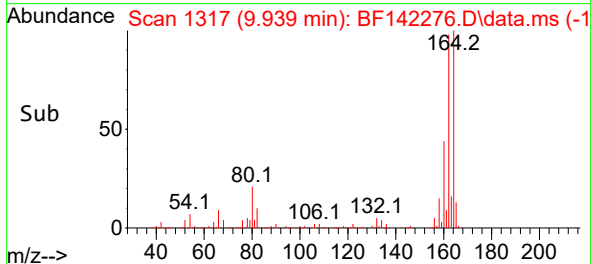
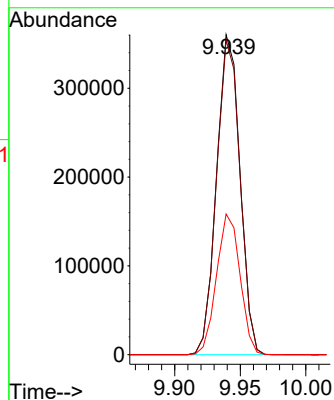
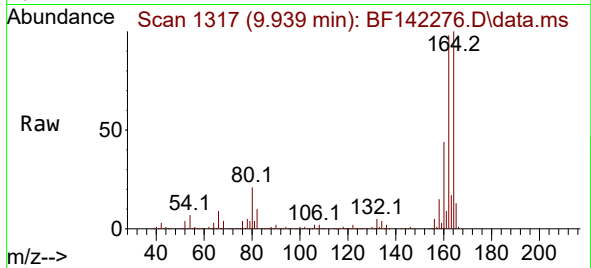




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

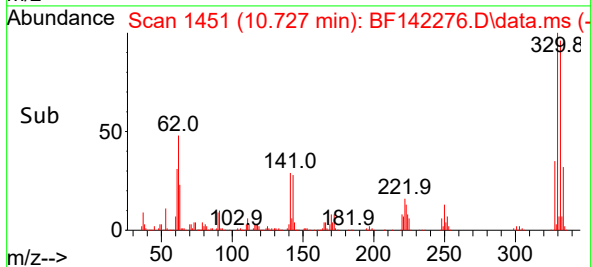
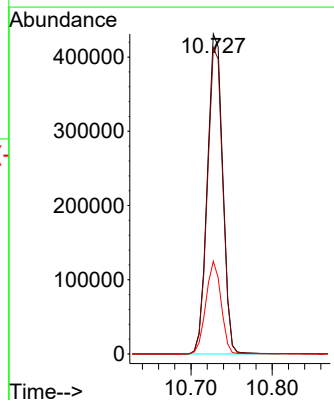
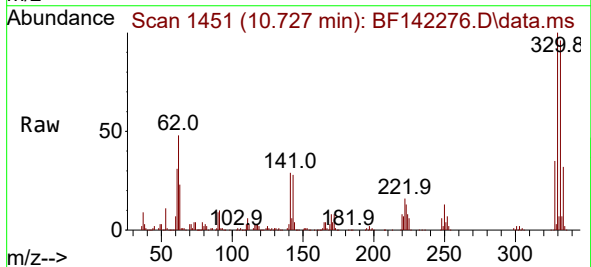
Instrument :
BNA_F
ClientSampleId :
B-167-SB01

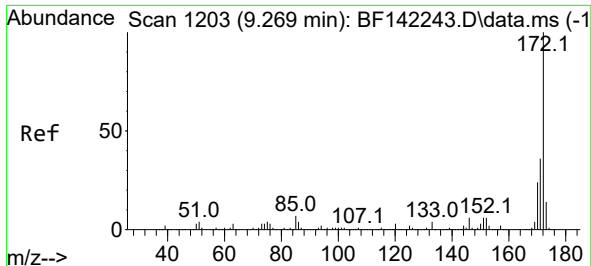
Tgt Ion:164 Resp: 447329
Ion Ratio Lower Upper
164 100
162 98.3 78.6 117.8
160 43.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 138.641 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

Tgt Ion:330 Resp: 565380
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 28.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 69.876 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142276.D

Acq: 02 May 2025 11:58

Instrument :

BNA_F

ClientSampleId :

B-167-SB01

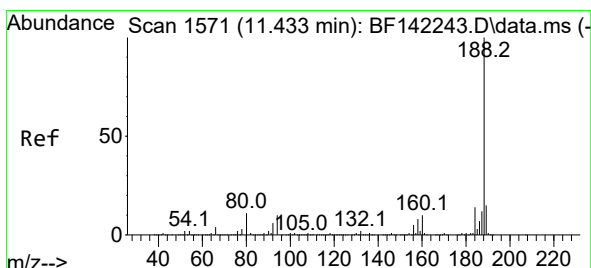
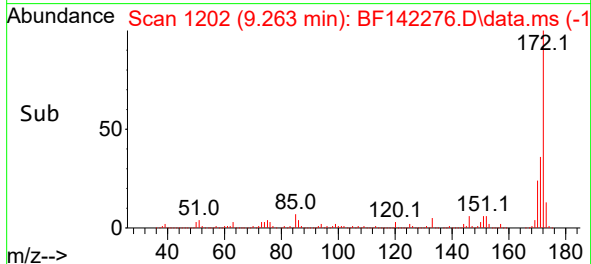
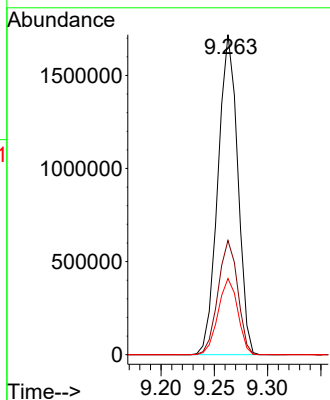
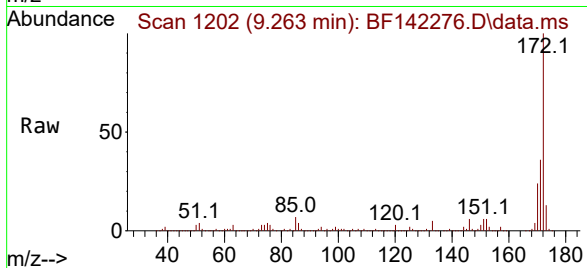
Tgt Ion:172 Resp: 2216915

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.8 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142276.D

Acq: 02 May 2025 11:58

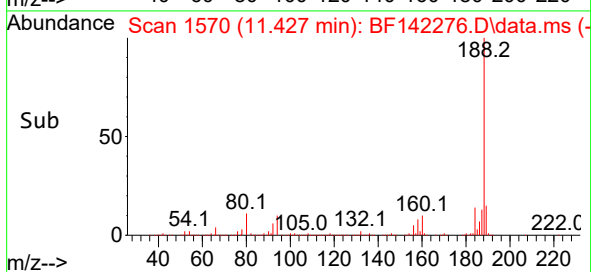
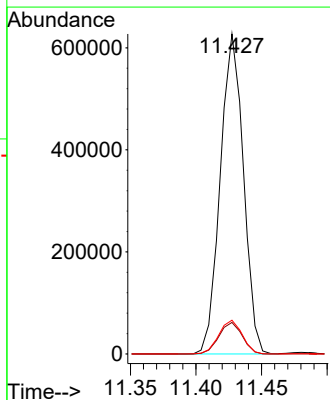
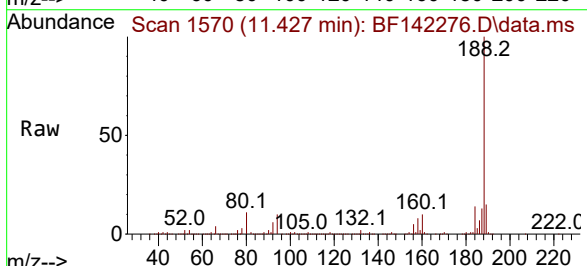
Tgt Ion:188 Resp: 769739

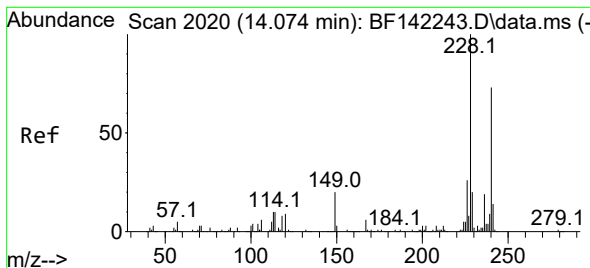
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.6 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142276.D

Acq: 02 May 2025 11:58

Instrument :

BNA_F

ClientSampleId :

B-167-SB01

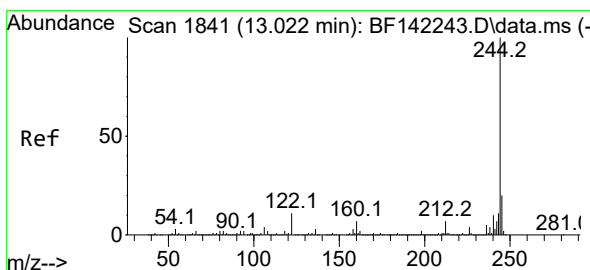
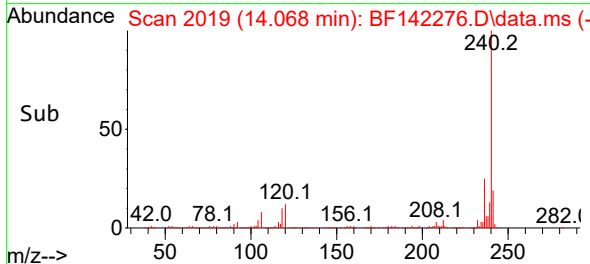
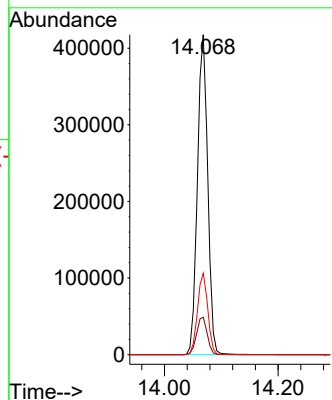
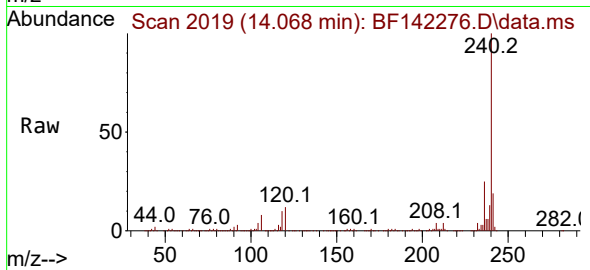
Tgt Ion:240 Resp: 529430

Ion Ratio Lower Upper

240 100

120 11.7 10.1 15.1

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 68.104 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142276.D

Acq: 02 May 2025 11:58

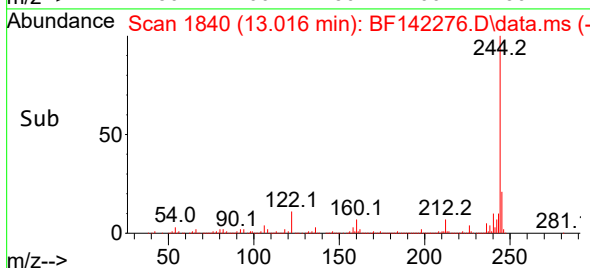
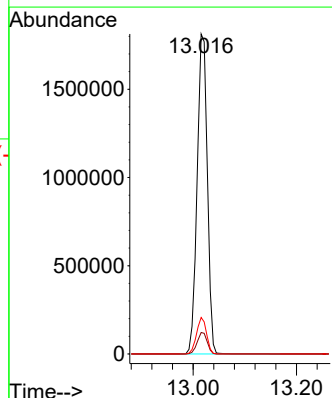
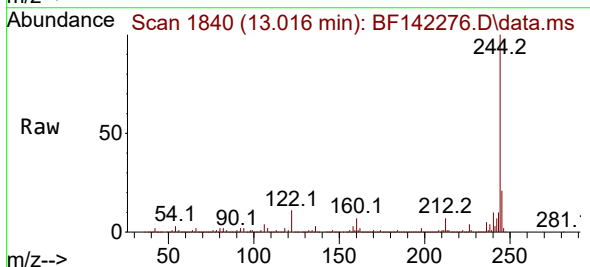
Tgt Ion:244 Resp: 2479112

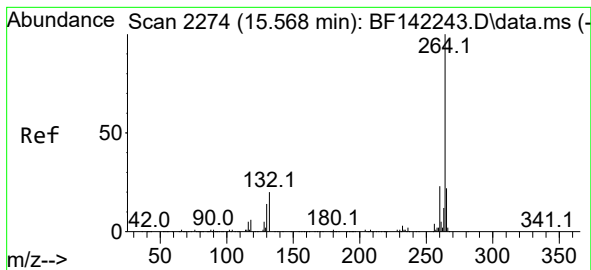
Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

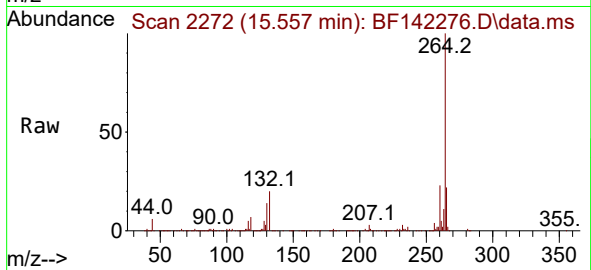
122 11.4 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142276.D
Acq: 02 May 2025 11:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 393063
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.5 17.3 25.9

