

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142279.D
 Acq On : 02 May 2025 13:24
 Operator : RC/JU
 Sample : Q1901-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB01

Quant Time: May 02 14:19:55 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	207050	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	786560	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	402861	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	662438	20.000	ng	0.00
76) Chrysene-d12	14.068	240	411304	20.000	ng	0.00
86) Perylene-d12	15.557	264	344110	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1304723	100.639	ng	0.00
7) Phenol-d6	6.522	99	1455008	92.939	ng	0.00
23) Nitrobenzene-d5	7.463	82	1050218	87.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	478989	130.421	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2020679	70.721	ng	0.00
79) Terphenyl-d14	13.016	244	2048893	72.451	ng	0.00

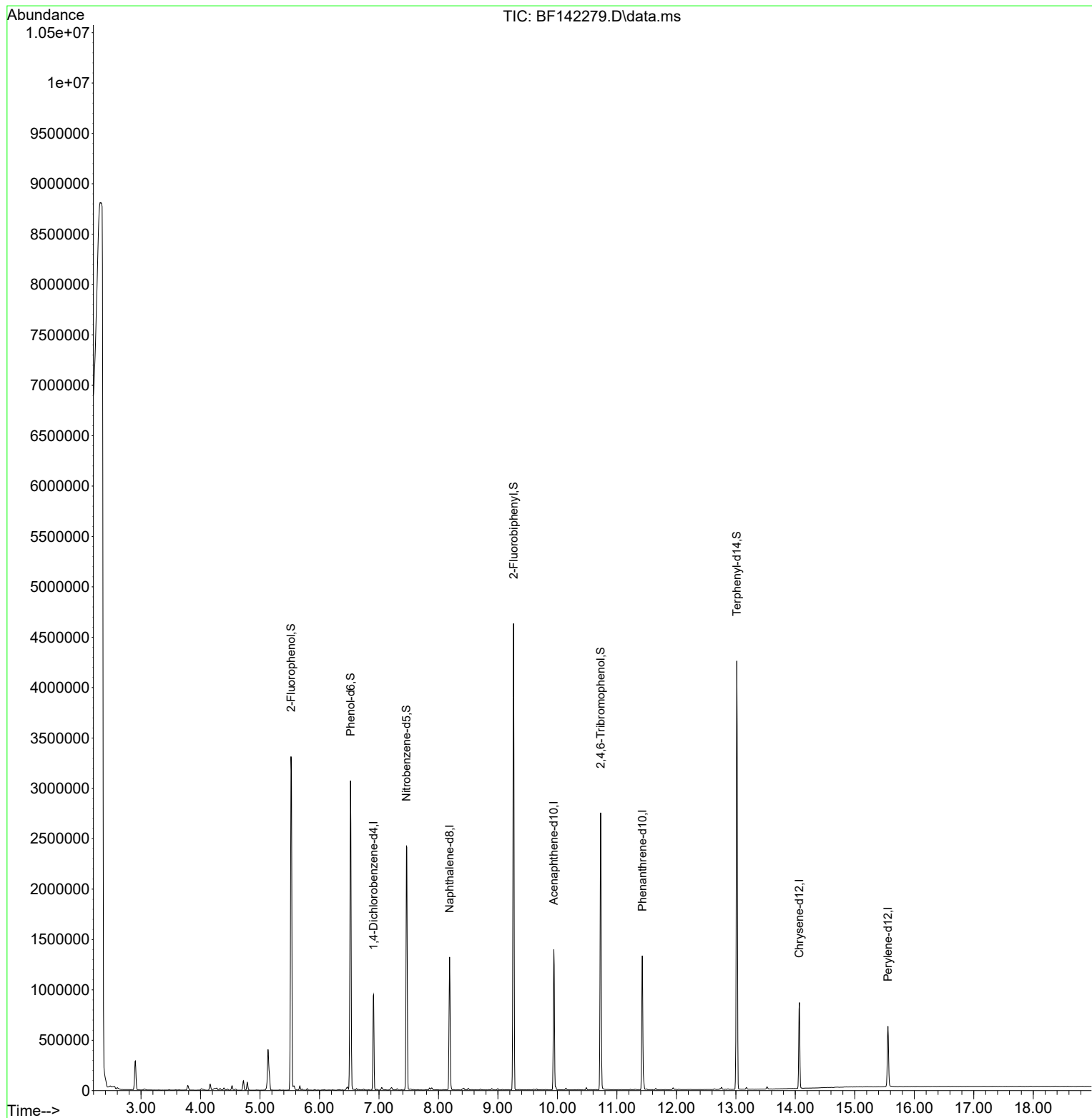
Target Compounds	Qvalue

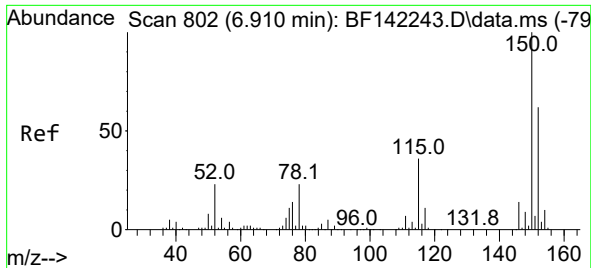
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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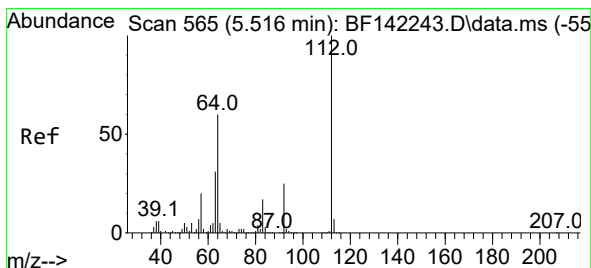
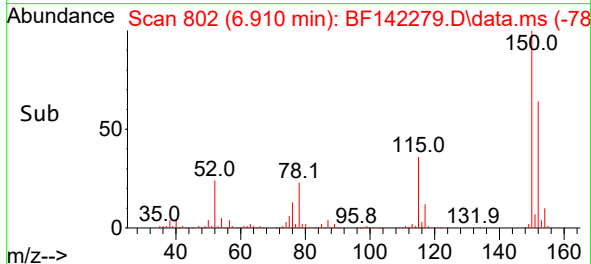
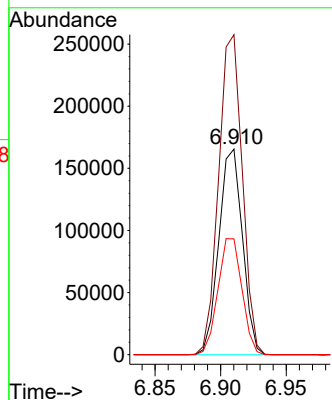
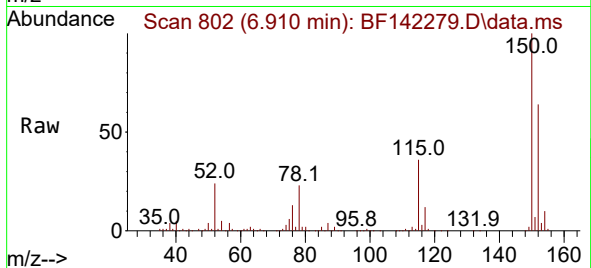




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

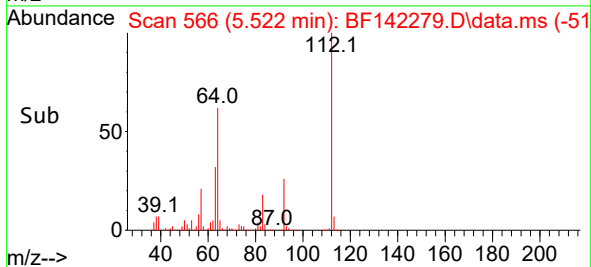
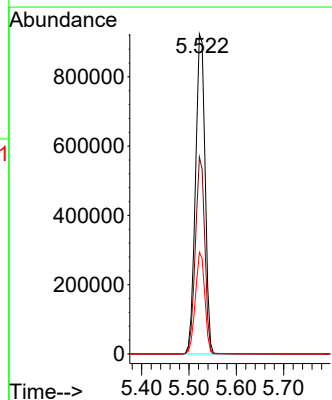
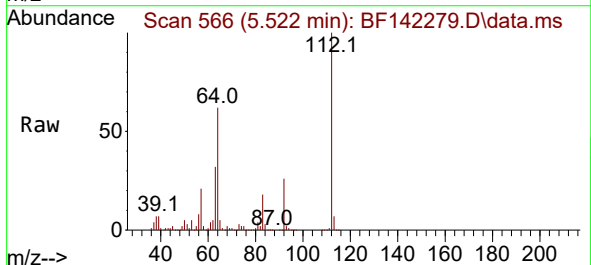
Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB01

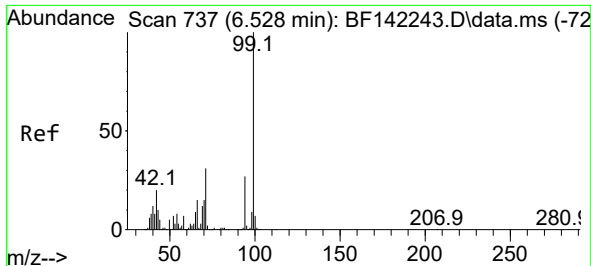
Tgt Ion:152 Resp: 207050
 Ion Ratio Lower Upper
 152 100
 150 155.6 130.2 195.2
 115 56.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 100.639 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

Tgt Ion:112 Resp: 1304723
 Ion Ratio Lower Upper
 112 100
 64 61.5 48.4 72.6
 63 31.8 24.8 37.2

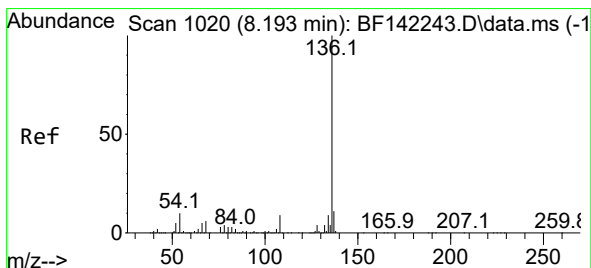
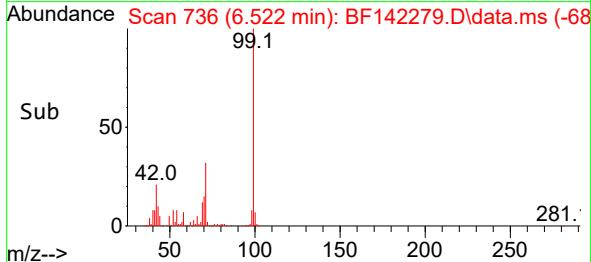
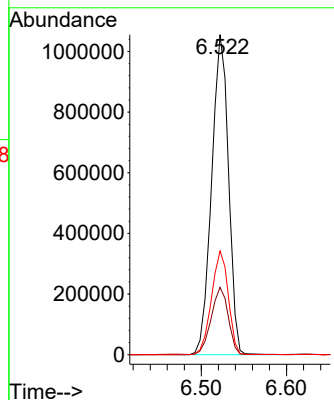
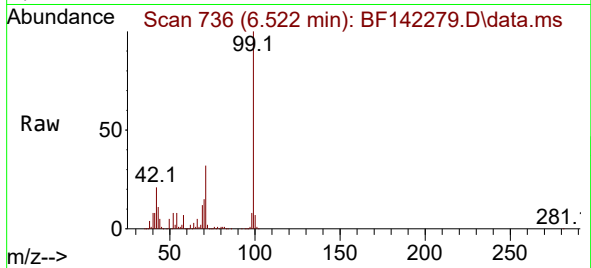




#7
Phenol-d6
Concen: 92.939 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

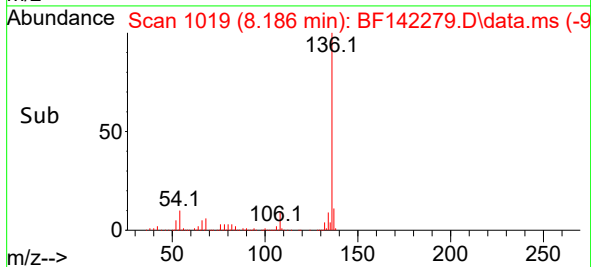
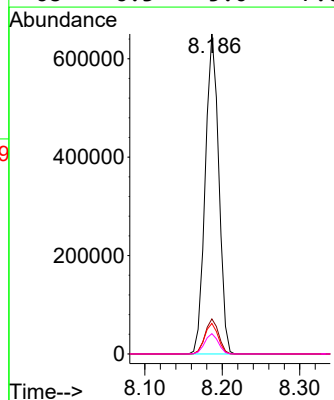
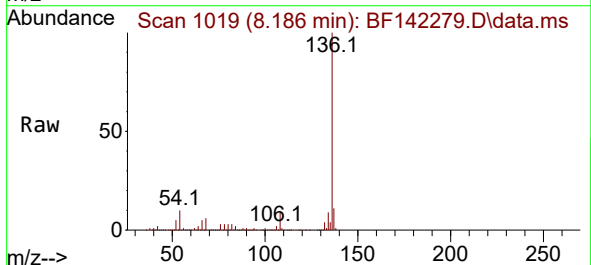
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

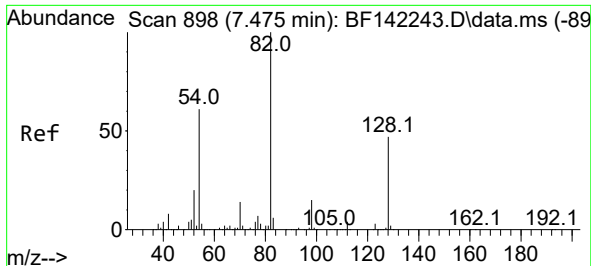
Tgt Ion: 99 Resp: 1455008
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion: 136 Resp: 786560
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.719 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

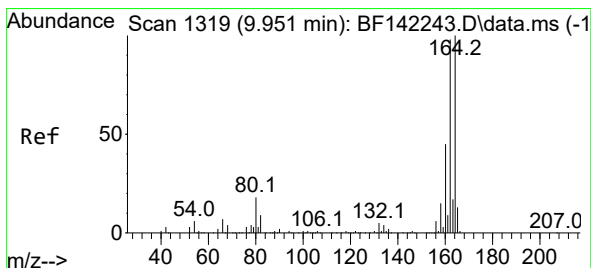
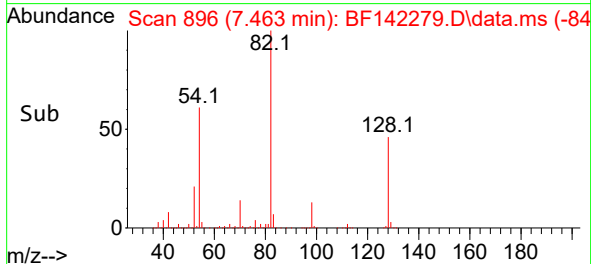
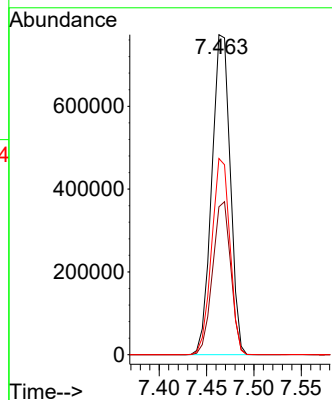
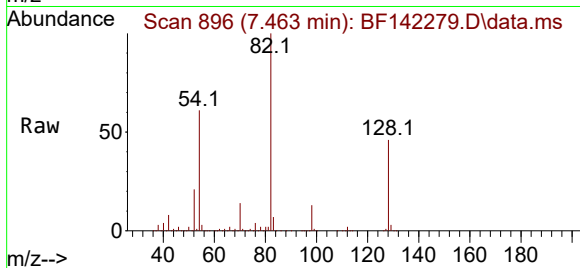
BNA_F

ClientSampleId :

B-170-SB01

Tgt Ion: 82 Resp: 1050218

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.6
54	61.3	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

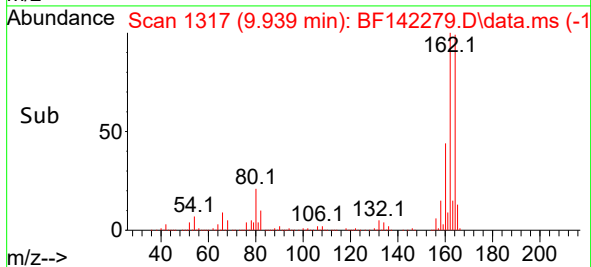
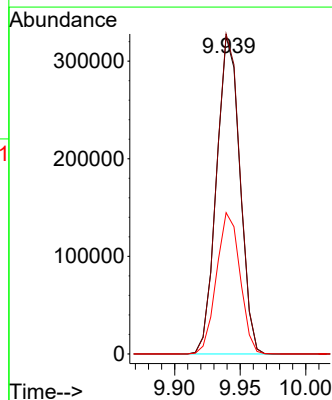
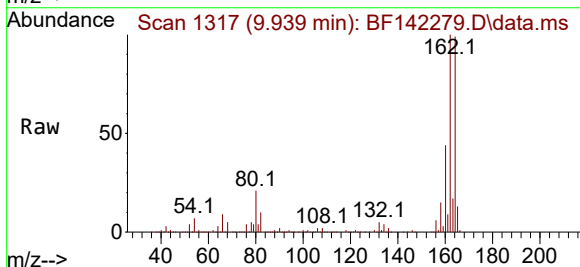
Delta R.T. -0.012 min

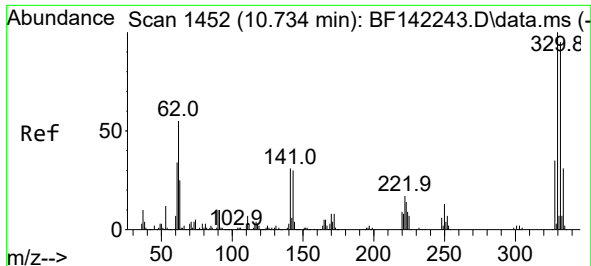
Lab File: BF142279.D

Acq: 02 May 2025 13:24

Tgt Ion:164 Resp: 402861

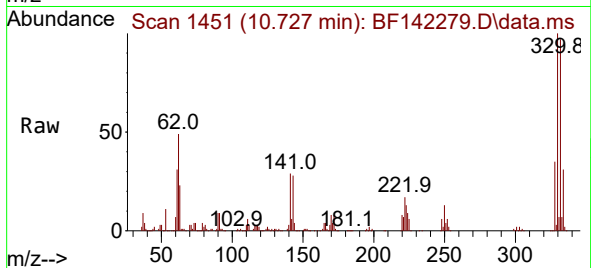
Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.6	117.8
160	44.5	35.7	53.5



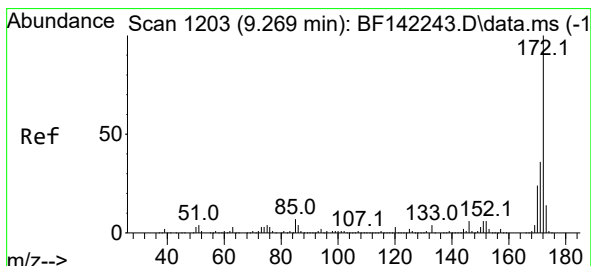
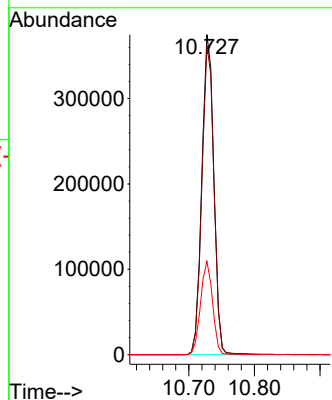
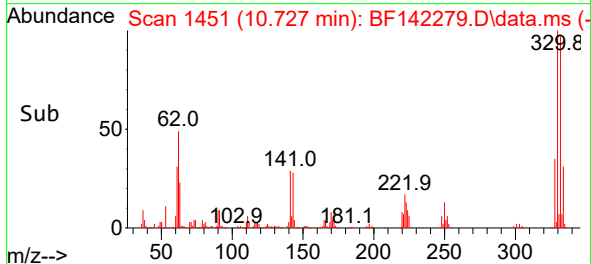


#42
2,4,6-Tribromophenol
Concen: 130.421 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

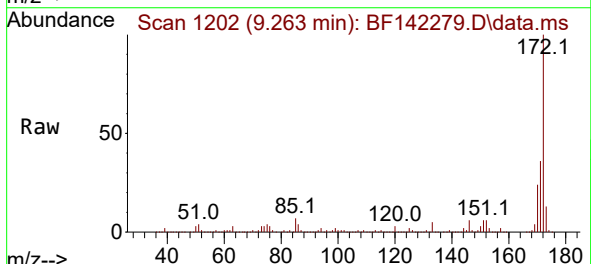
Instrument :
BNA_F
ClientSampleId :
B-170-SB01



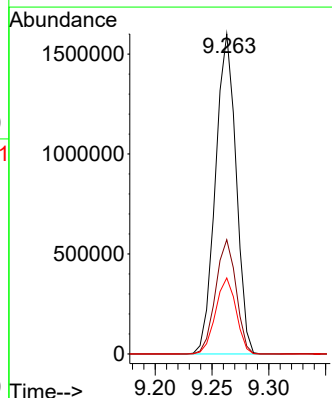
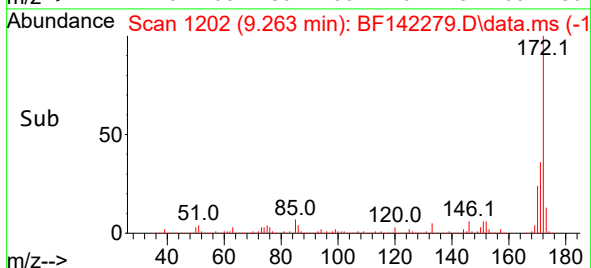
Tgt Ion:330 Resp: 478989
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 29.2 24.3 36.5

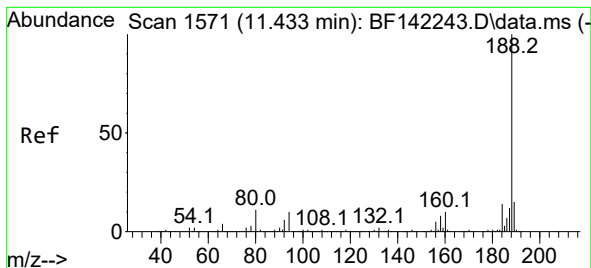


#45
2-Fluorobiphenyl
Concen: 70.721 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24



Tgt Ion:172 Resp: 2020679
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# 1

Delta R.T. -0.006 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

B-170-SB01

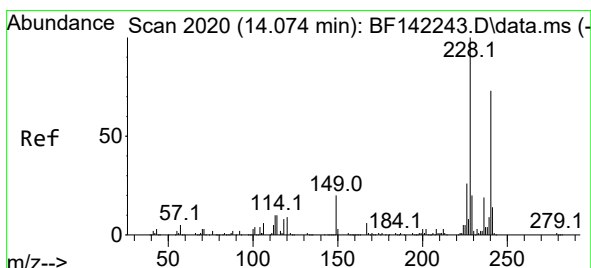
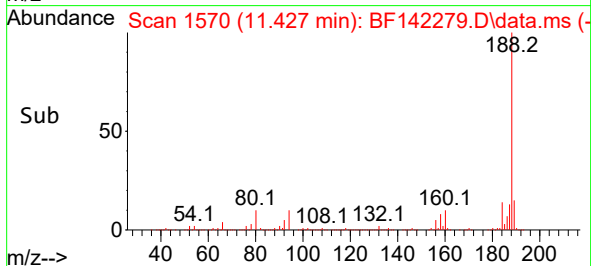
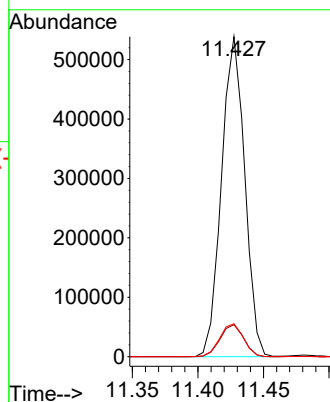
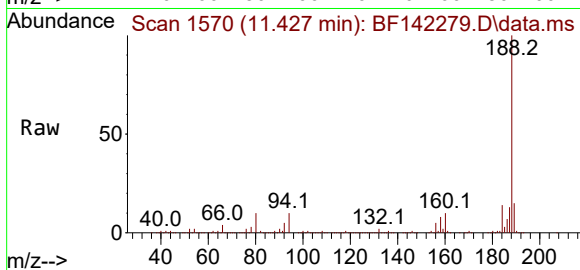
Tgt Ion:188 Resp: 662438

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

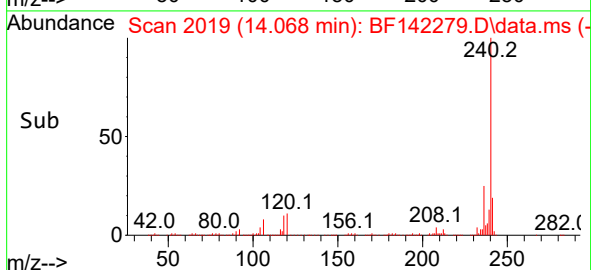
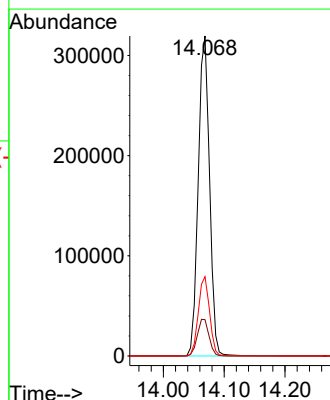
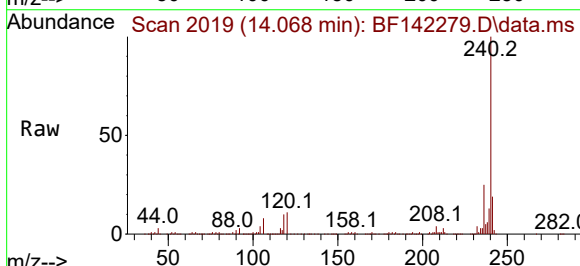
Tgt Ion:240 Resp: 411304

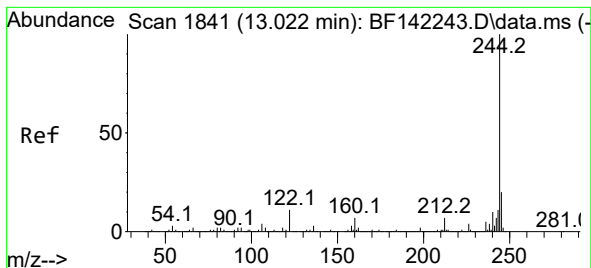
Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

236 24.8 20.5 30.7





#79

Terphenyl-d14

Concen: 72.451 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

B-170-SB01

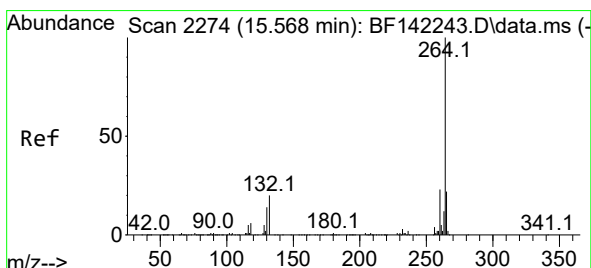
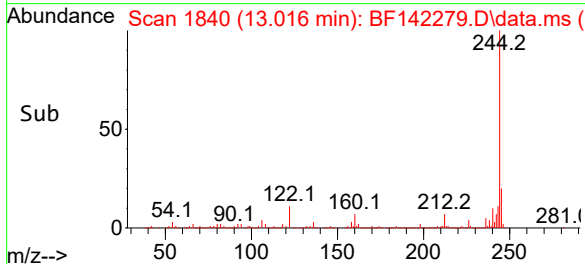
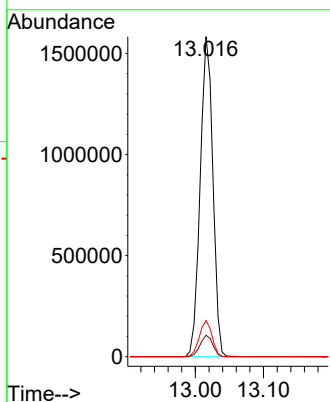
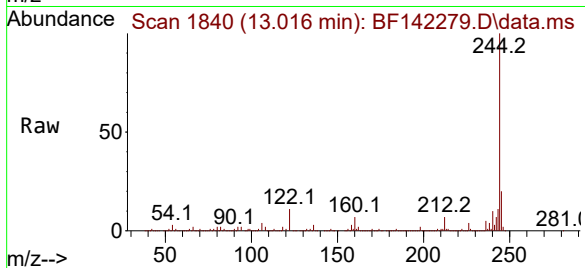
Tgt Ion:244 Resp: 2048893

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.3 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Tgt Ion:264 Resp: 344110

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.1 17.3 25.9

