

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010225\
 Data File : BF141059.D
 Acq On : 02 Jan 2025 10:25
 Operator : RC/JU
 Sample : PB165929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165929BL

Quant Time: Jan 02 11:12:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	268898	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1097311	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	591922	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1014407	20.000	ng	0.00
76) Chrysene-d12	13.980	240	801062	20.000	ng	0.00
86) Perylene-d12	15.439	264	608827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2204101	123.557	ng	0.02
7) Phenol-d6	6.451	99	2788976	121.364	ng	0.00
23) Nitrobenzene-d5	7.387	82	1791402	104.446	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	863682	150.160	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3136594	84.426	ng	0.00
79) Terphenyl-d14	12.933	244	3739477	77.538	ng	0.00

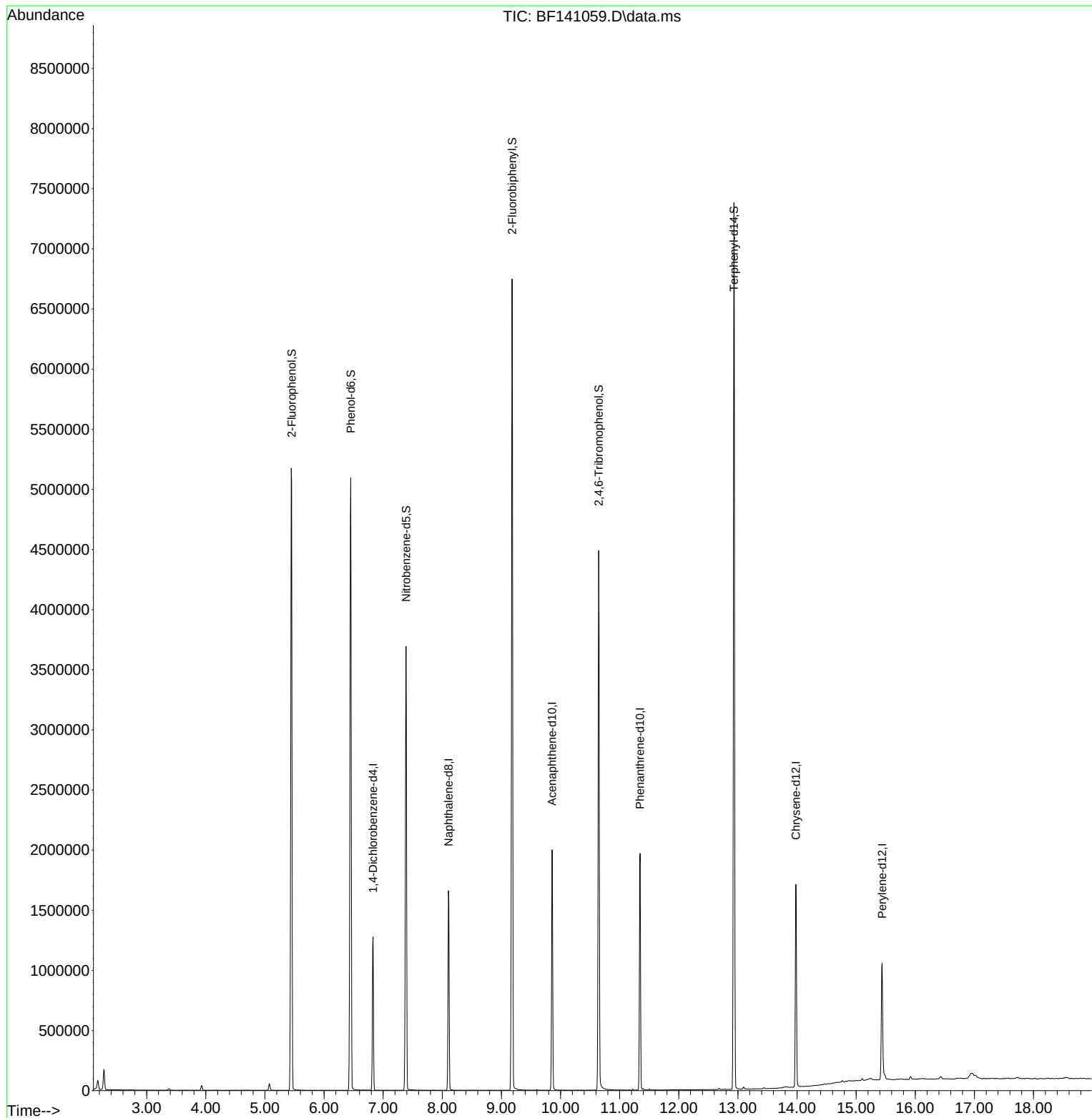
Target Compounds	Qvalue

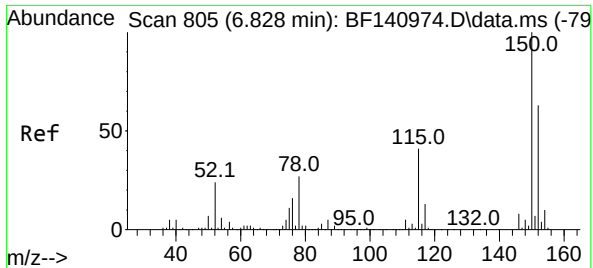
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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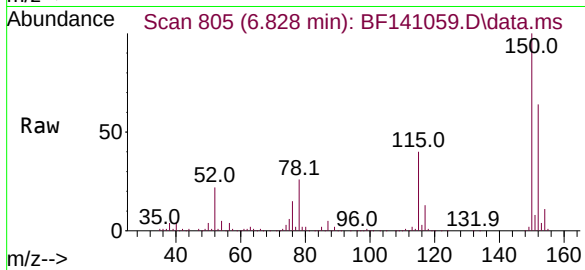
Quant Time: Jan 02 11:12:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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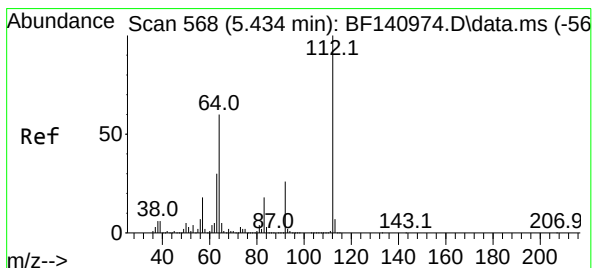
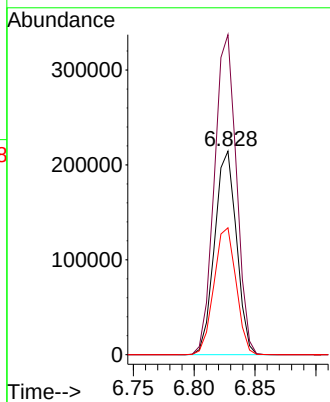
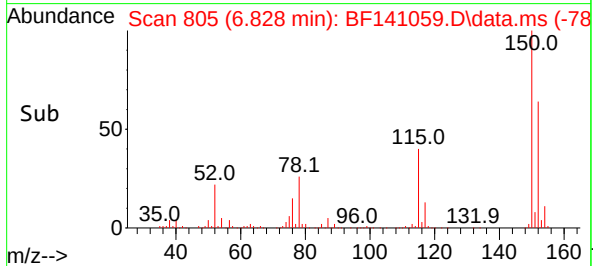


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141059.D
 Acq: 02 Jan 2025 10:25

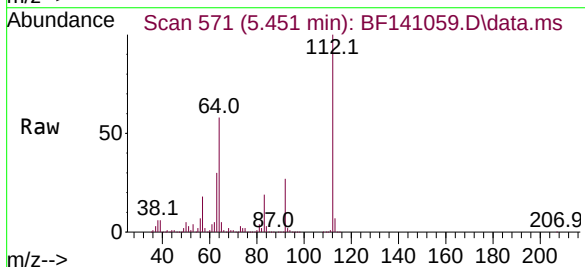
Instrument :
 BNA_F
 ClientSampleId :
 PB165929BL



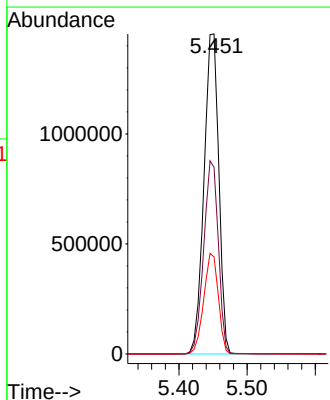
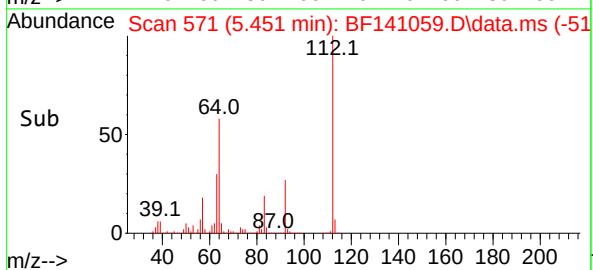
Tgt Ion:152 Resp: 268898
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.0 190.6
 115 62.3 51.7 77.5

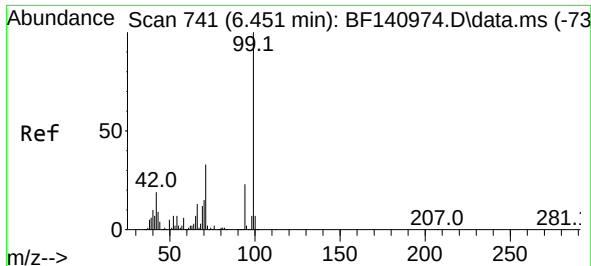


#5
 2-Fluorophenol
 Concen: 123.557 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141059.D
 Acq: 02 Jan 2025 10:25



Tgt Ion:112 Resp: 2204101
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.7 71.5
 63 30.3 24.2 36.2

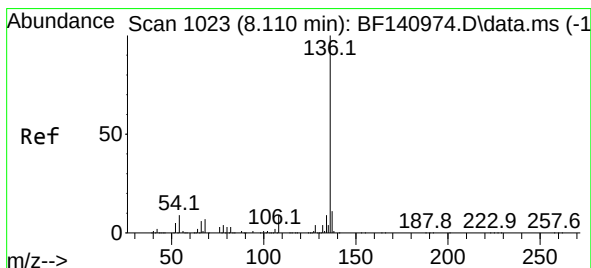
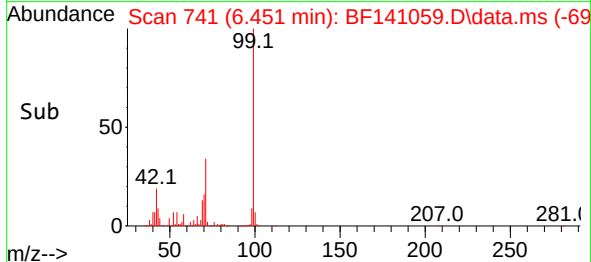
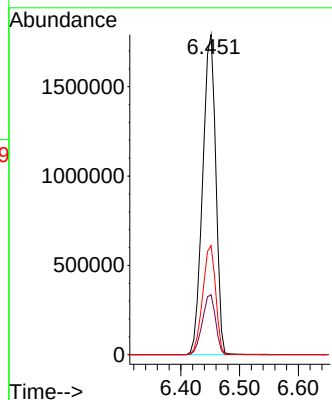
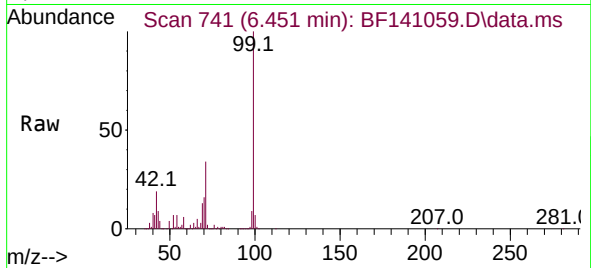




#7
Phenol-d6
Concen: 121.364 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

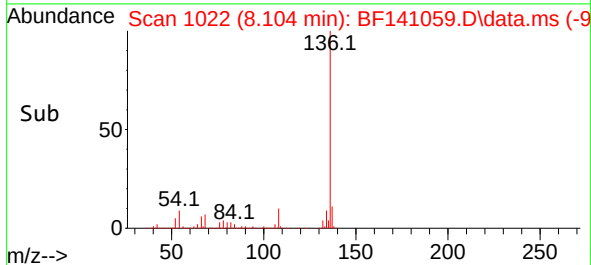
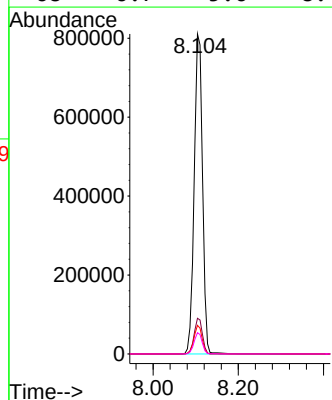
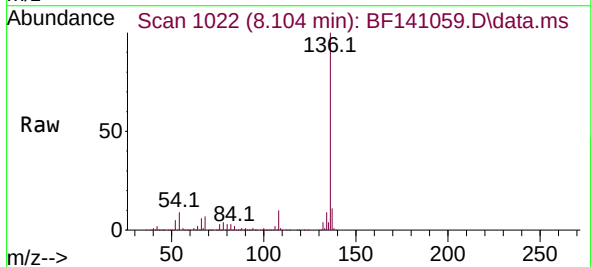
Instrument :
BNA_F
ClientSampleId :
PB165929BL

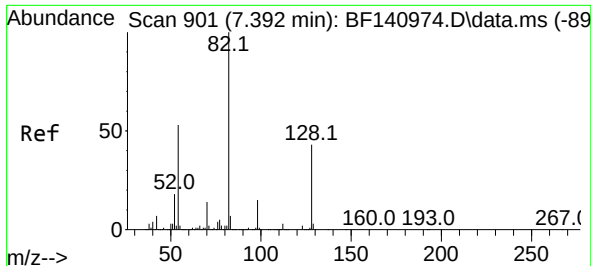
Tgt Ion: 99 Resp: 2788976
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.1 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion:136 Resp: 1097311
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.0 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 104.446 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

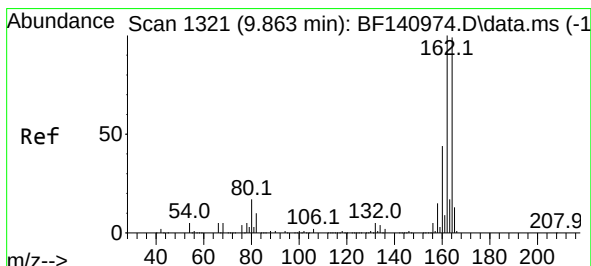
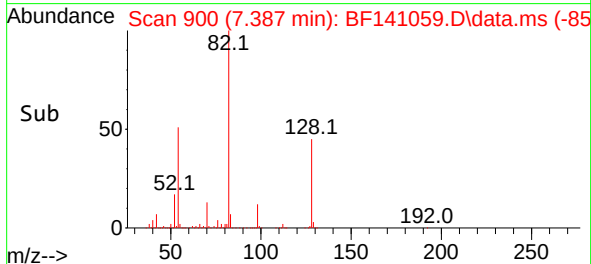
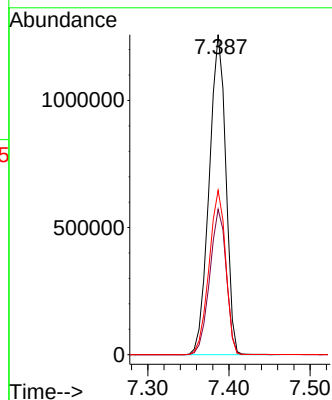
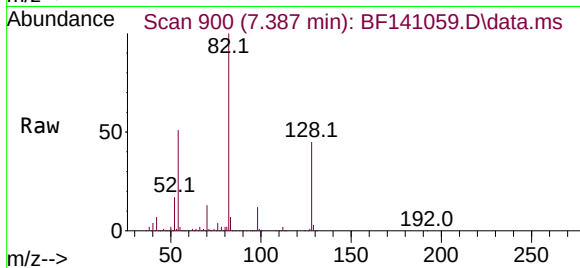
BNA_F

ClientSampleId :

PB165929BL

Tgt Ion: 82 Resp: 1791402

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.4	51.6
54	51.3	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

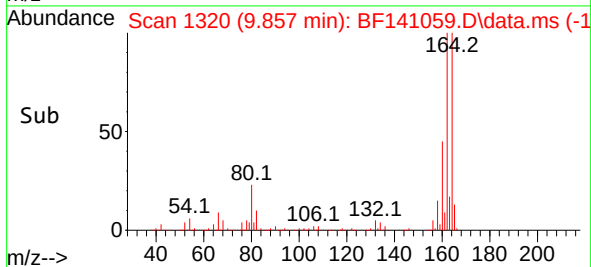
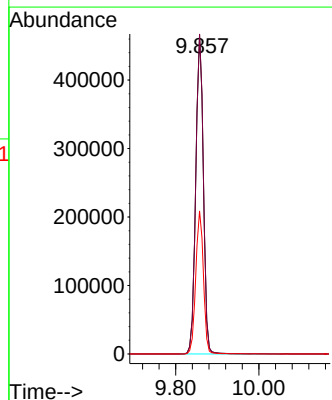
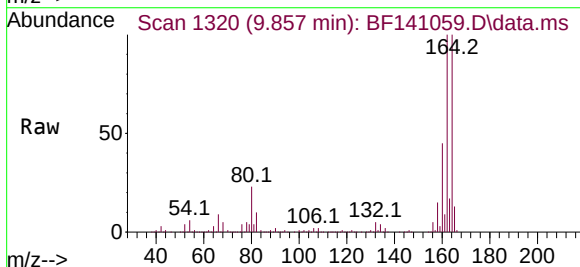
Delta R.T. -0.006 min

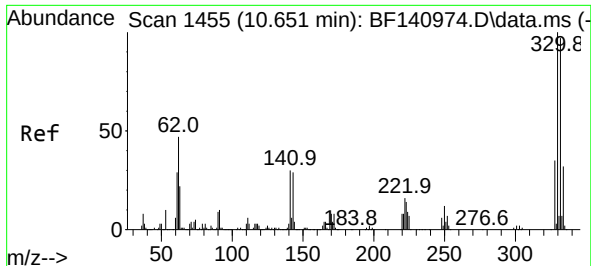
Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Tgt Ion:164 Resp: 591922

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.8	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 150.160 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB165929BL

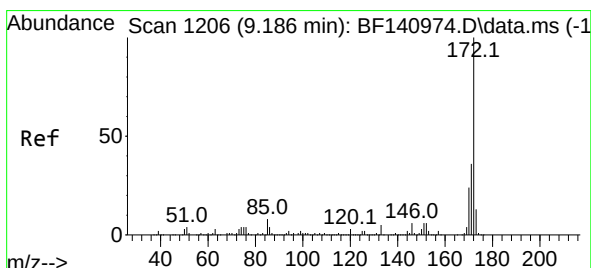
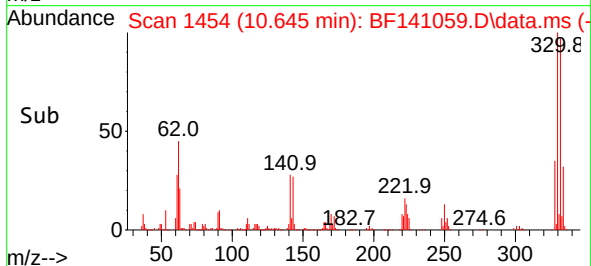
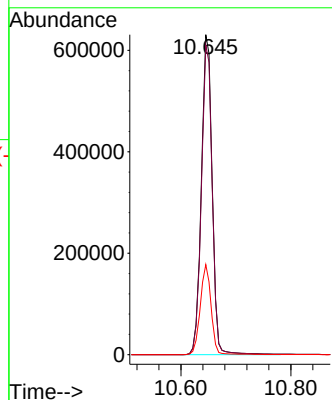
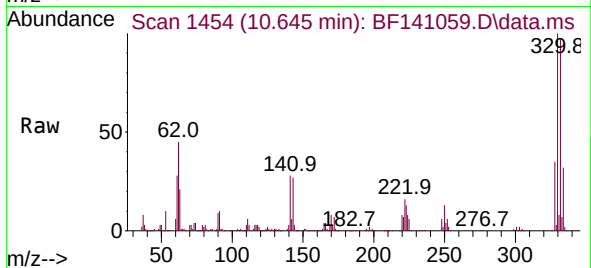
Tgt Ion:330 Resp: 863682

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 28.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.426 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

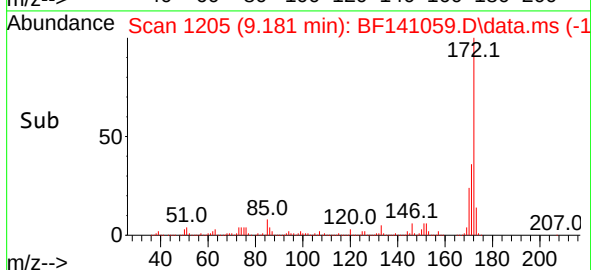
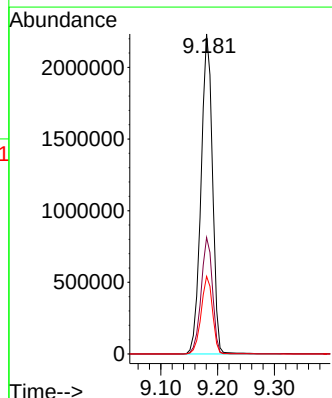
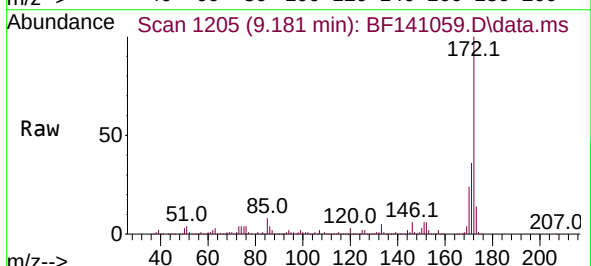
Tgt Ion:172 Resp: 3136594

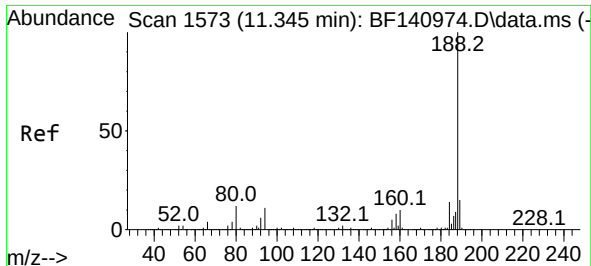
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.2 19.6 29.4

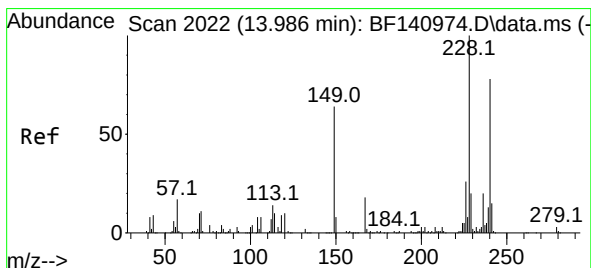
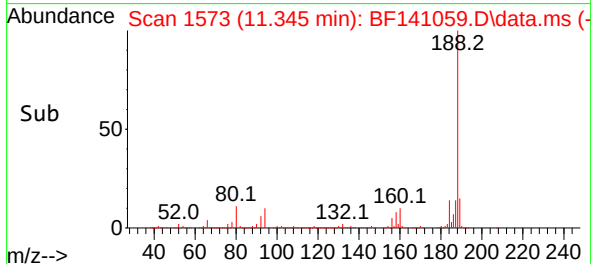
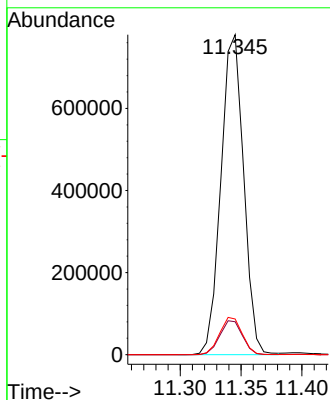
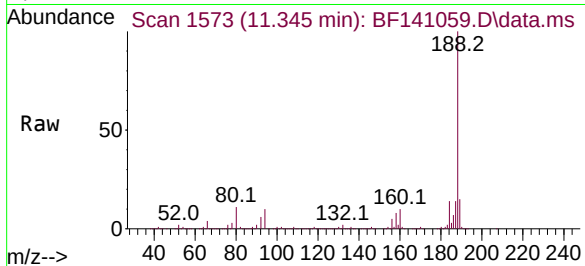




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

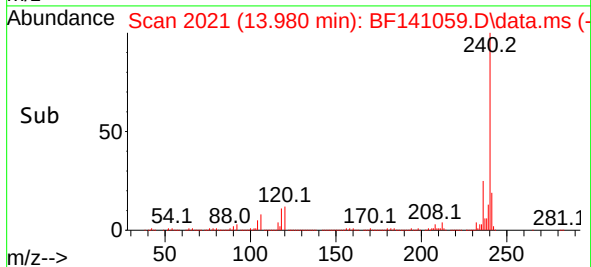
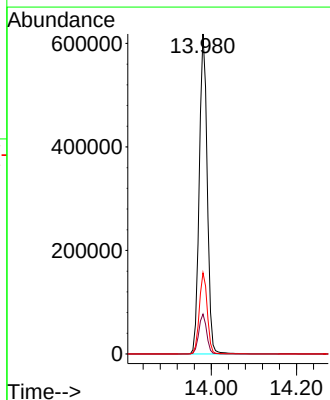
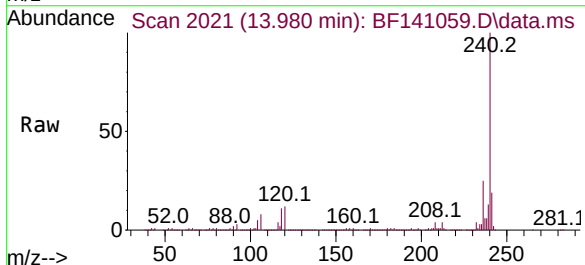
Instrument :
BNA_F
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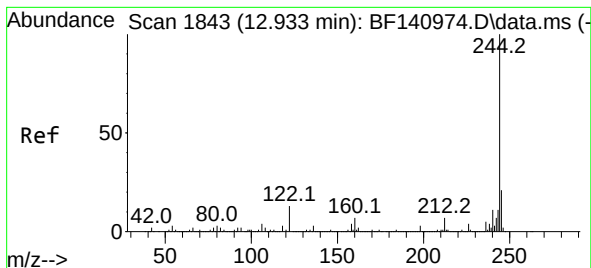
Tgt Ion:188 Resp: 1014407
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion:240 Resp: 801062
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 77.538 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB165929BL

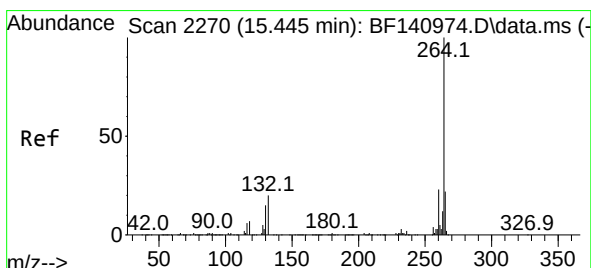
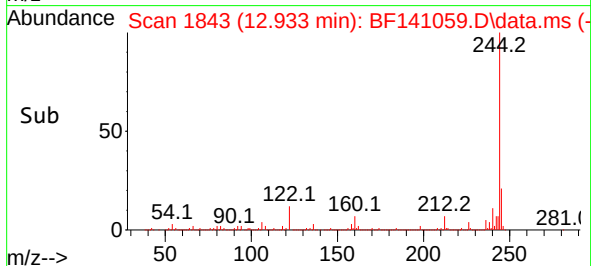
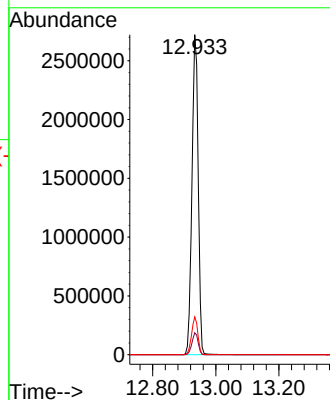
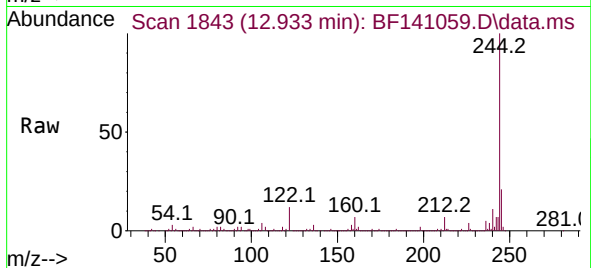
Tgt Ion:244 Resp: 3739477

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Tgt Ion:264 Resp: 608827

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.6 17.4 26.2

