

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141101.D
 Acq On : 09 Jan 2025 11:31
 Operator : RC/JU
 Sample : PB165977BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165977BL

Quant Time: Jan 09 11:52:55 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	164182	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	655032	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	357230	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	618310	20.000	ng	0.00
76) Chrysene-d12	13.986	240	416164	20.000	ng	0.00
86) Perylene-d12	15.451	264	349972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1449850	133.113	ng	0.02
7) Phenol-d6	6.451	99	1829651	130.400	ng	0.00
23) Nitrobenzene-d5	7.387	82	1204557	117.651	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	609820	175.679	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2207280	98.444	ng	0.00
79) Terphenyl-d14	12.939	244	2543643	101.522	ng	0.00

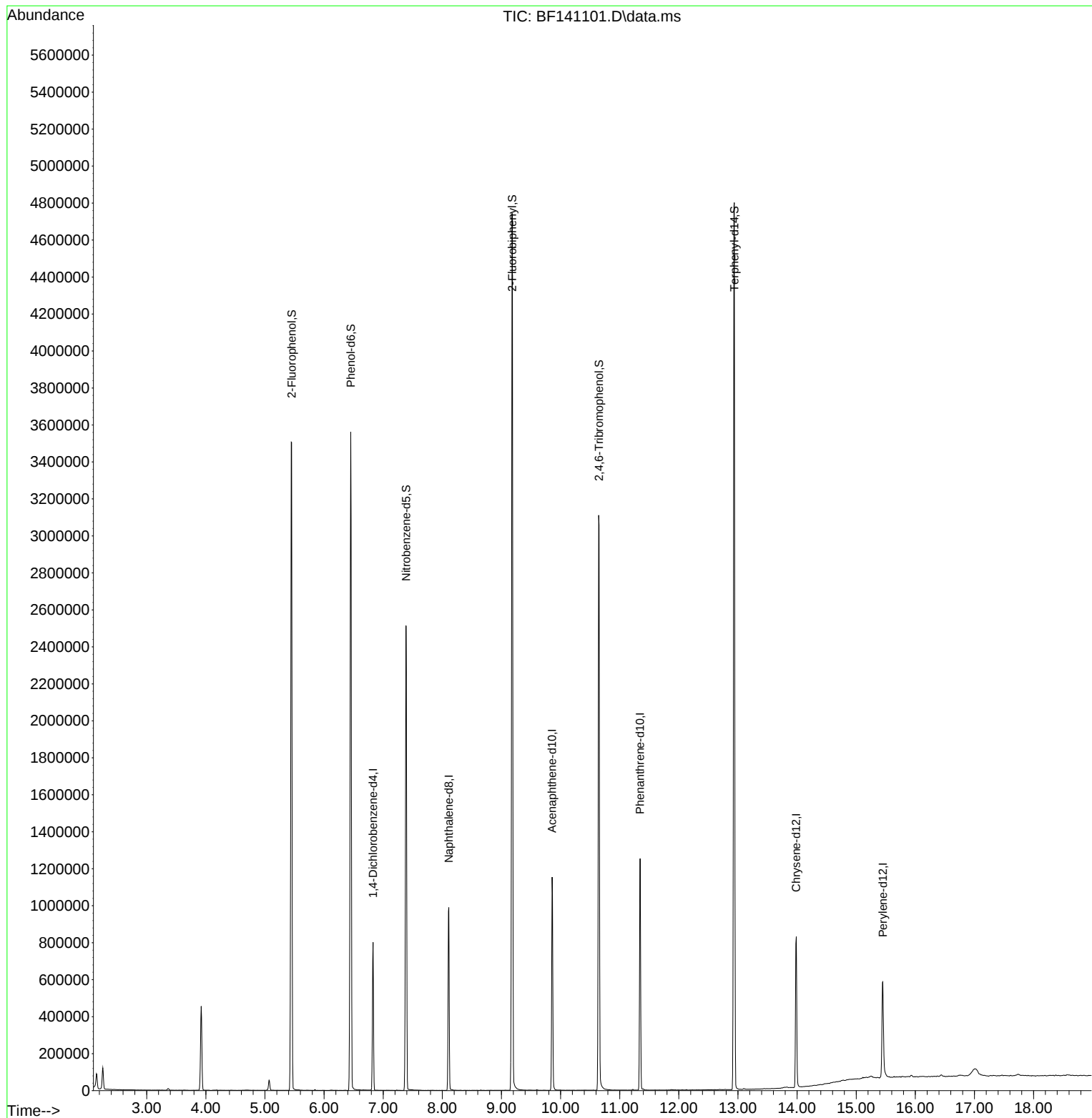
Target Compounds	Qvalue

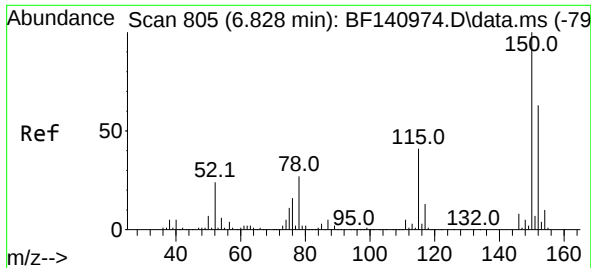
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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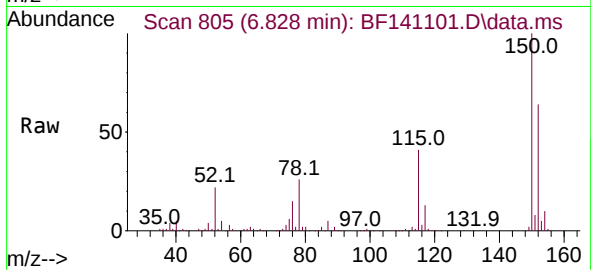
Quant Time: Jan 09 11:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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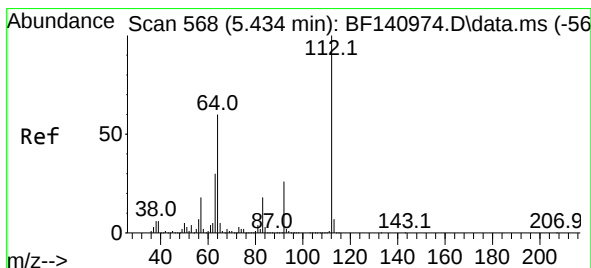
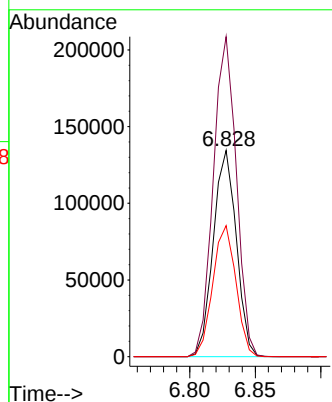
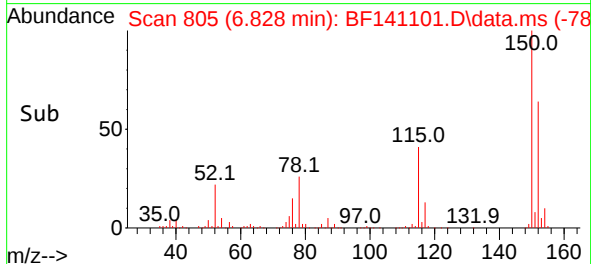


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31

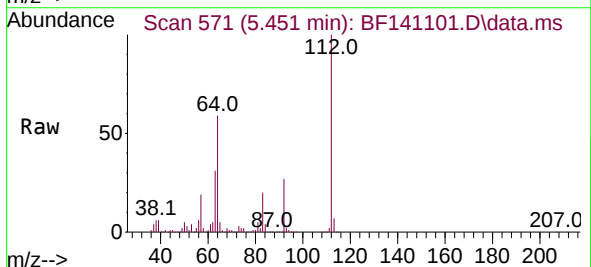
Instrument :
 BNA_F
 ClientSampleId :
 PB165977BL



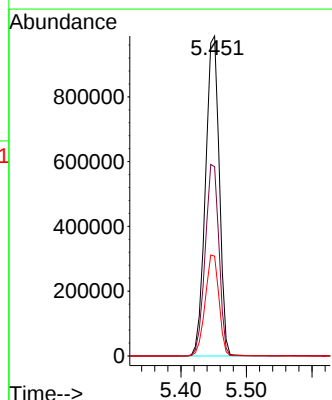
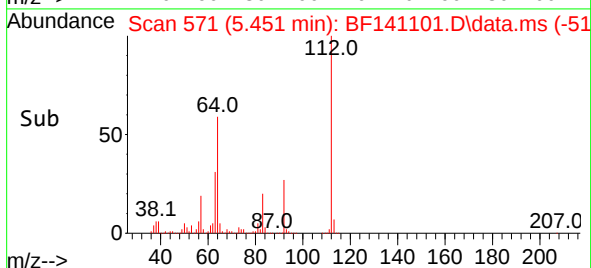
Tgt Ion:152 Resp: 164182
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.0 190.6
 115 63.5 51.7 77.5

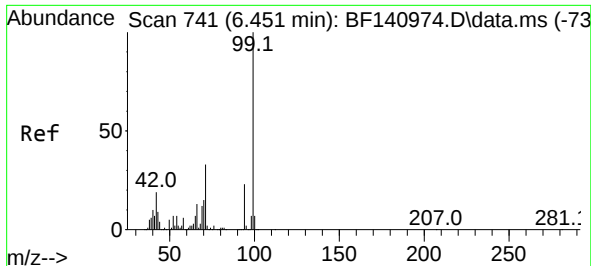


#5
 2-Fluorophenol
 Concen: 133.113 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141101.D
 Acq: 09 Jan 2025 11:31



Tgt Ion:112 Resp: 1449850
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.7 71.5
 63 31.2 24.2 36.2

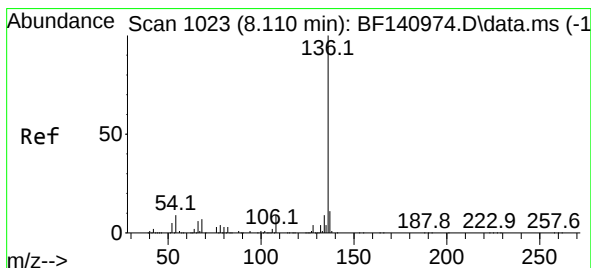
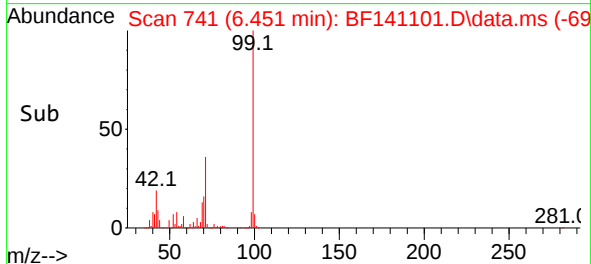
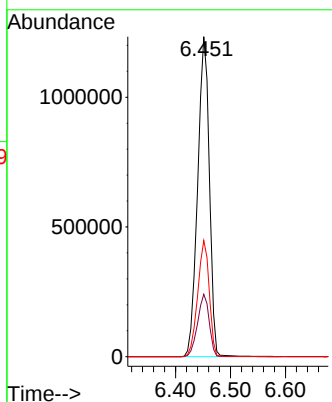
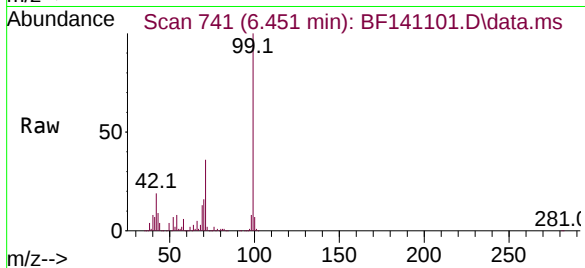




#7
Phenol-d6
Concen: 130.400 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

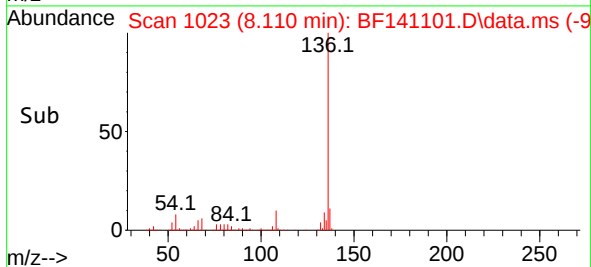
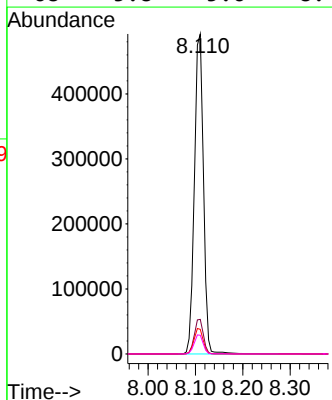
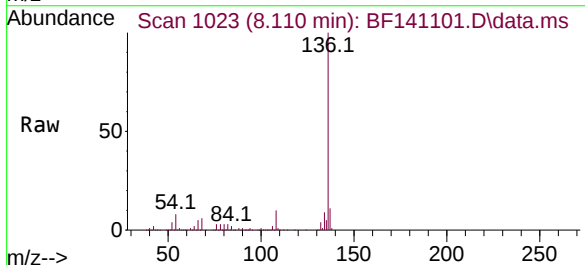
Instrument :
BNA_F
ClientSampleId :
PB165977BL

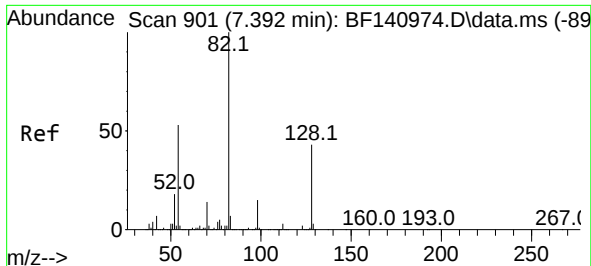
Tgt Ion: 99 Resp: 1829651
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 36.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion: 136 Resp: 655032
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.7 7.6 11.4
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 117.651 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

Instrument :

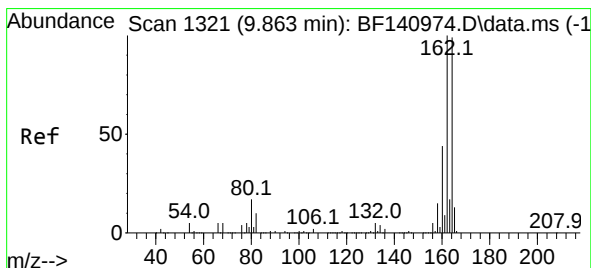
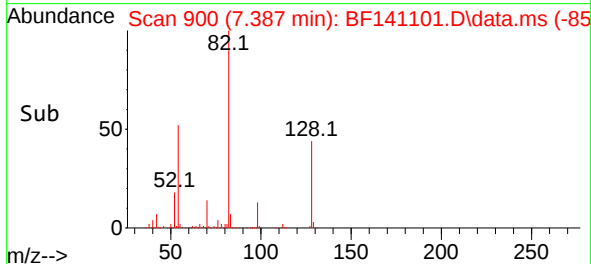
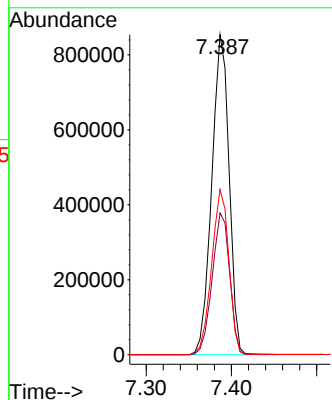
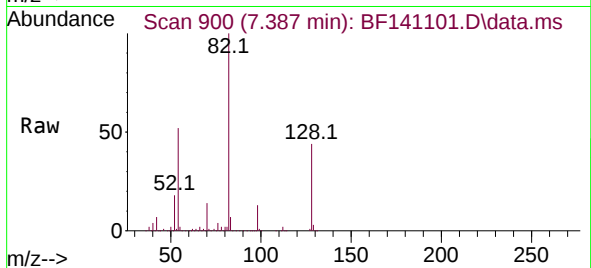
BNA_F

ClientSampleId :

PB165977BL

Tgt Ion: 82 Resp: 1204557

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	51.6	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

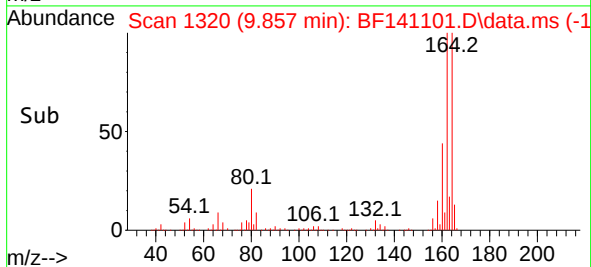
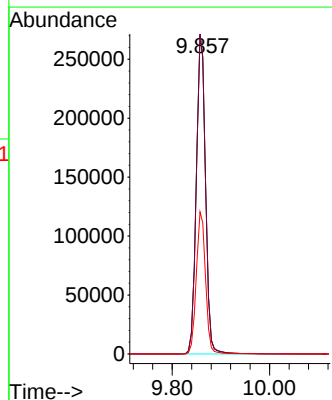
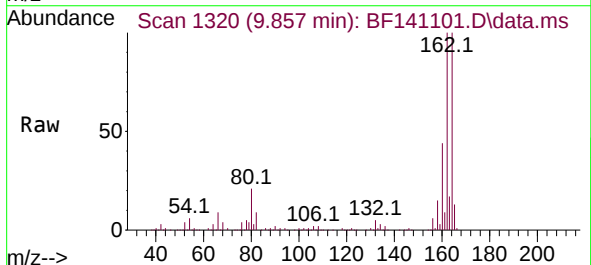
Delta R.T. -0.006 min

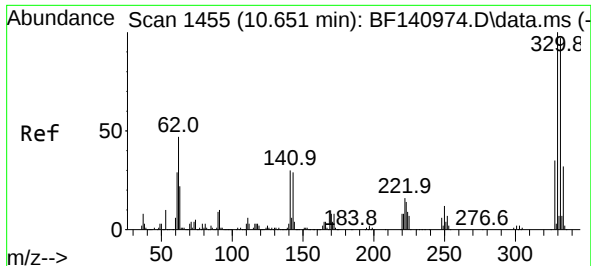
Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

Tgt Ion: 164 Resp: 357230

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.6	35.7	53.5

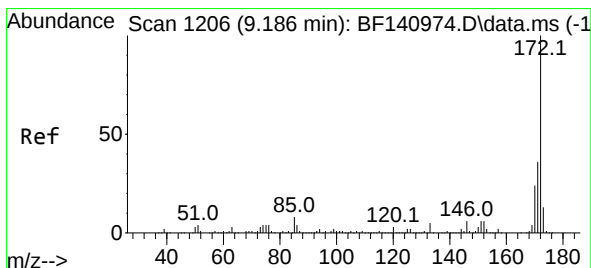
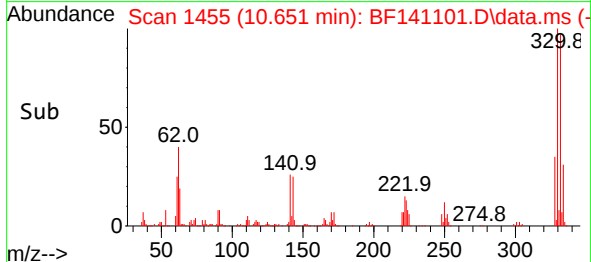
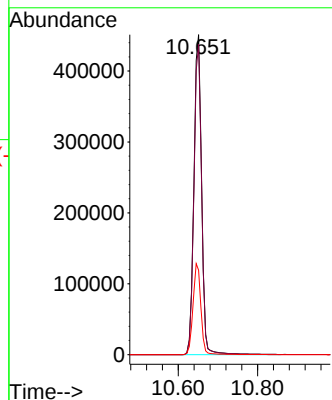
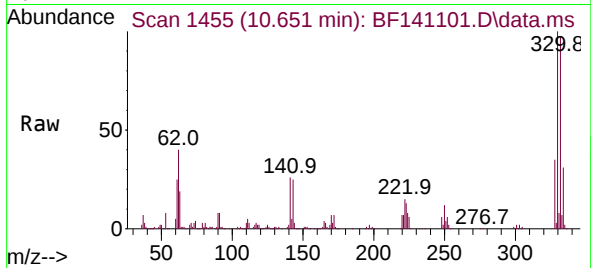




#42
2,4,6-Tribromophenol
Concen: 175.679 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

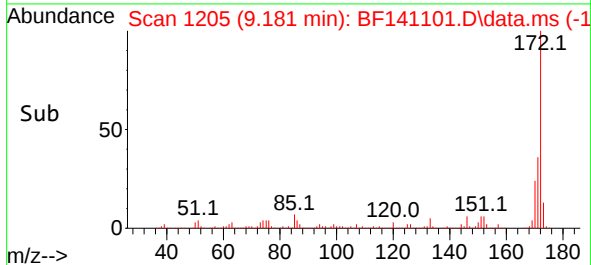
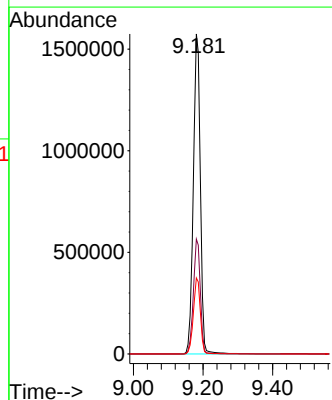
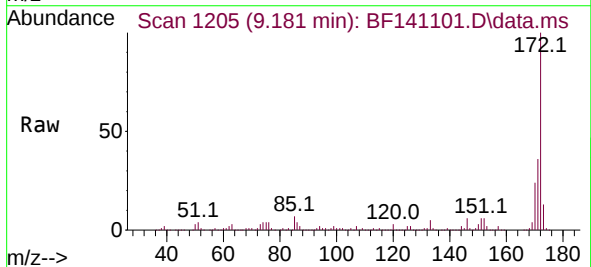
Instrument :
BNA_F
ClientSampleId :
PB165977BL

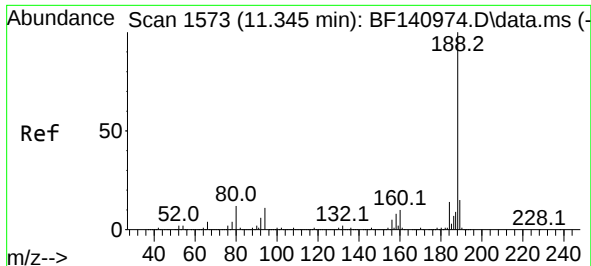
Tgt Ion:330 Resp: 609820
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 29.0 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 98.444 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion:172 Resp: 2207280
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.7 19.6 29.4

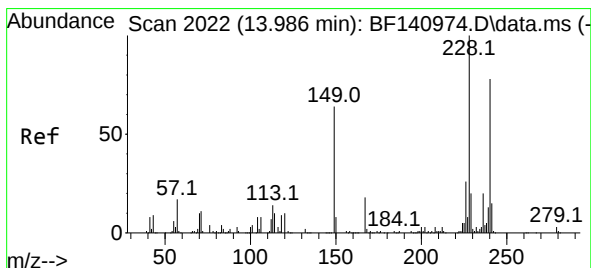
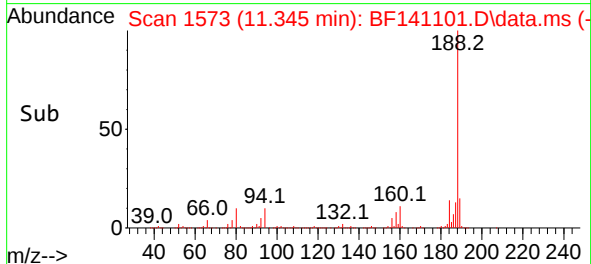
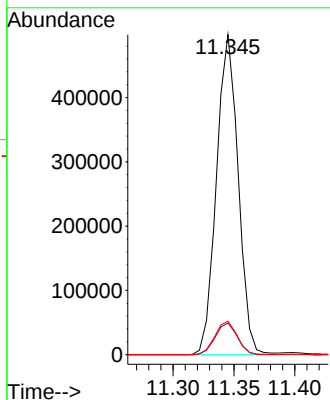
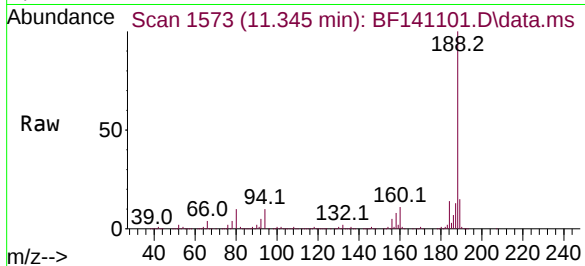




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

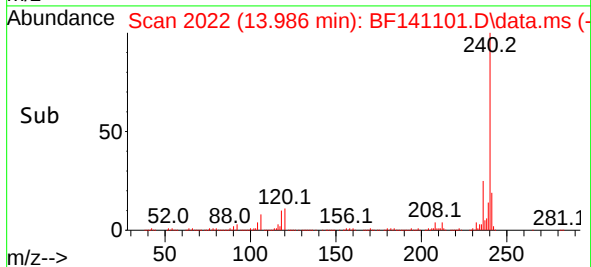
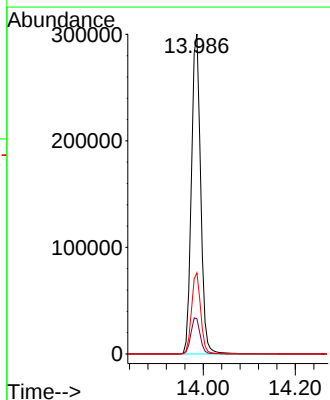
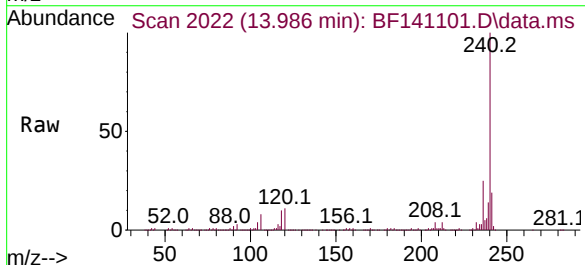
Instrument :
BNA_F
ClientSampleId :
PB165977BL

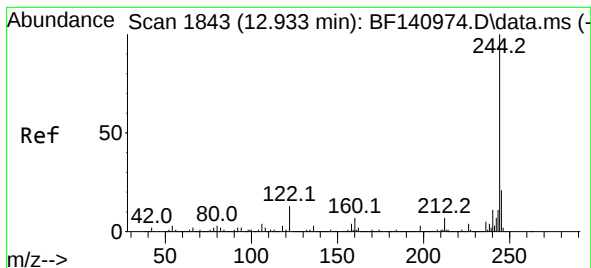
Tgt Ion:188 Resp: 618310
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.6
80 10.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141101.D
Acq: 09 Jan 2025 11:31

Tgt Ion:240 Resp: 416164
Ion Ratio Lower Upper
240 100
120 11.0 10.7 16.1
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 101.522 ng

RT: 12.939 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

Instrument :

BNA_F

ClientSampleId :

PB165977BL

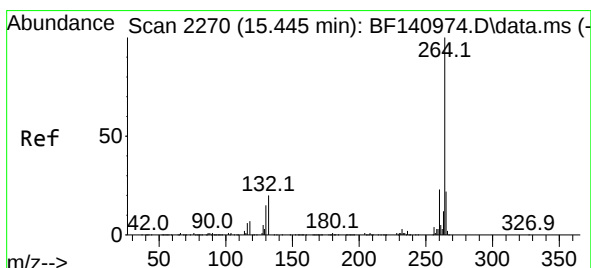
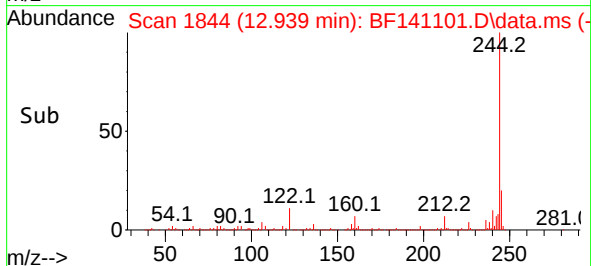
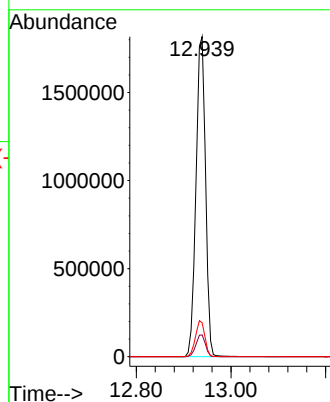
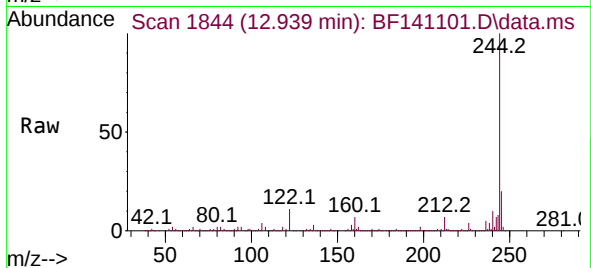
Tgt Ion:244 Resp: 2543643

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141101.D

Acq: 09 Jan 2025 11:31

Tgt Ion:264 Resp: 349972

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.9 17.4 26.2

