

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141106.D
 Acq On : 09 Jan 2025 16:00
 Operator : RC/JU
 Sample : Q1033-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28612

Quant Time: Jan 09 16:21:31 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)

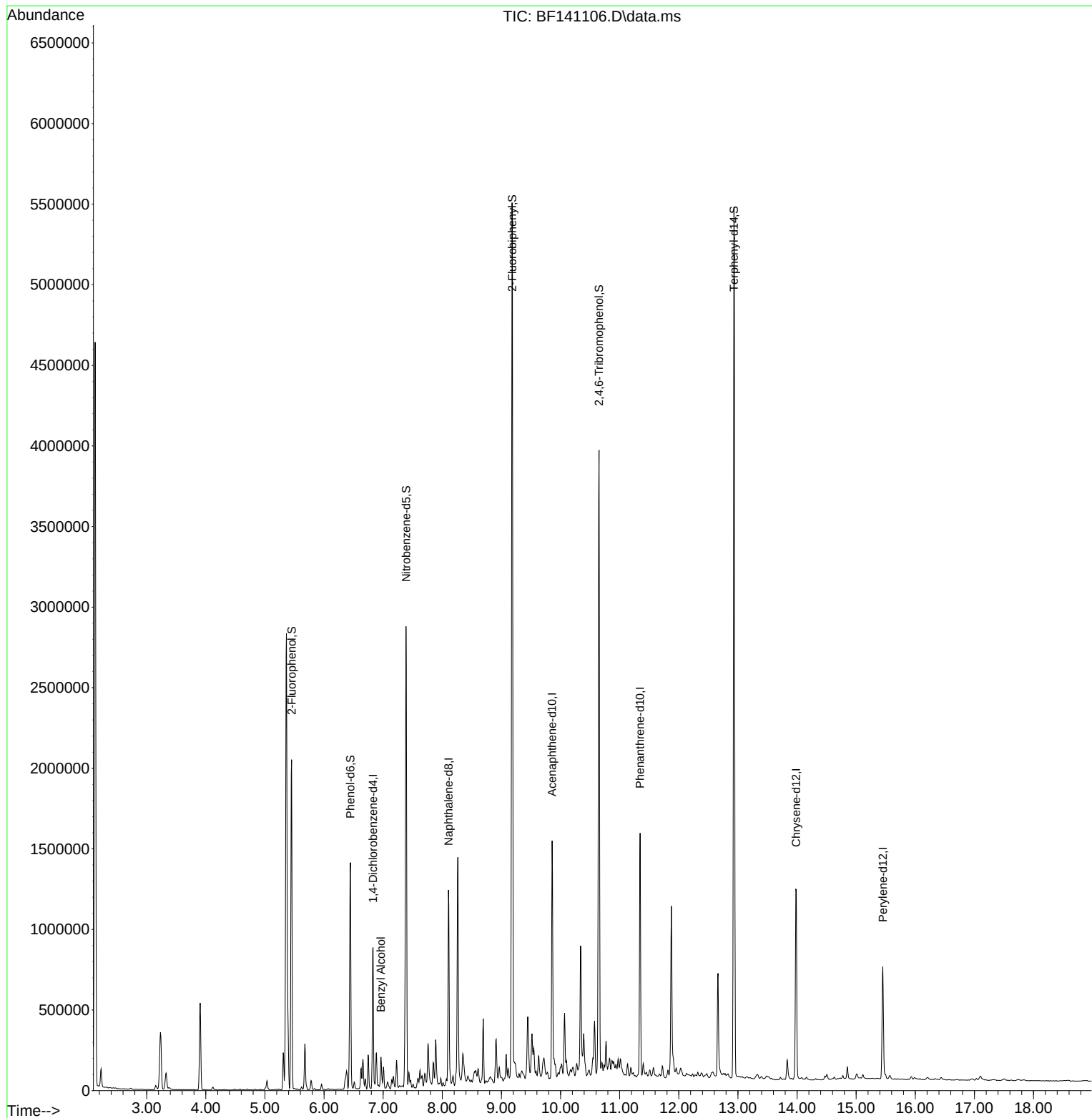
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	189788	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	771309	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	431336	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	746722	20.000	ng	0.00
76) Chrysene-d12	13.986	240	567176	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	421393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	792575	62.950	ng	0.02
7) Phenol-d6	6.446	99	663243	40.892	ng	0.00
23) Nitrobenzene-d5	7.387	82	1419736	117.763	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	785673	187.452	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2571702	94.992	ng	0.00
79) Terphenyl-d14	12.933	244	2858171	83.703	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.963	79	37891	3.251	ng	Qvalue 96

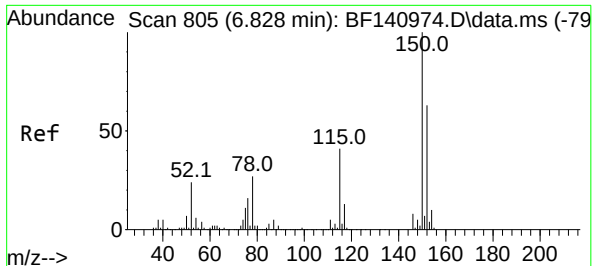
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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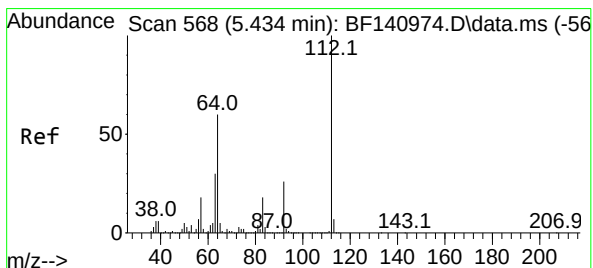
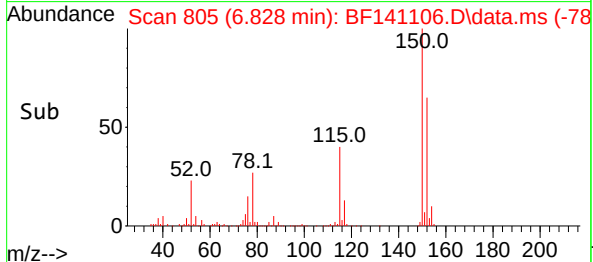
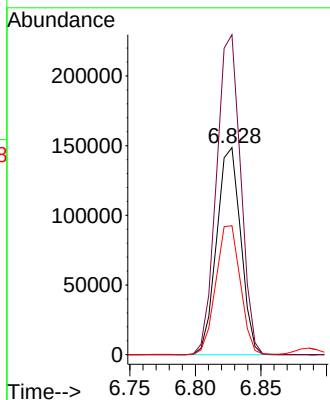
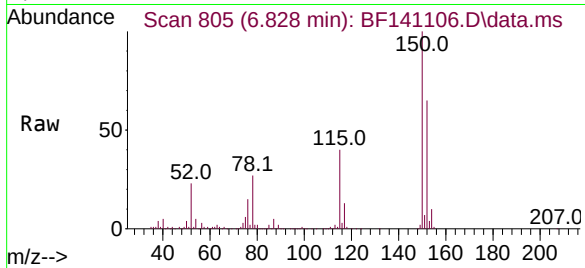




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

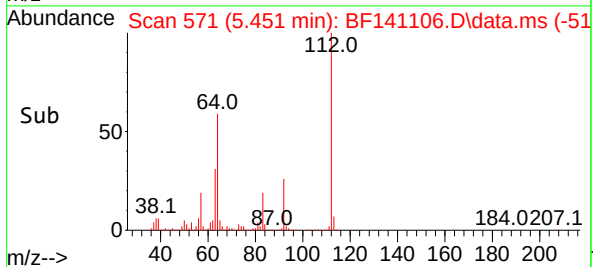
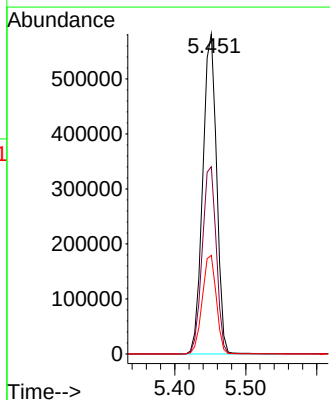
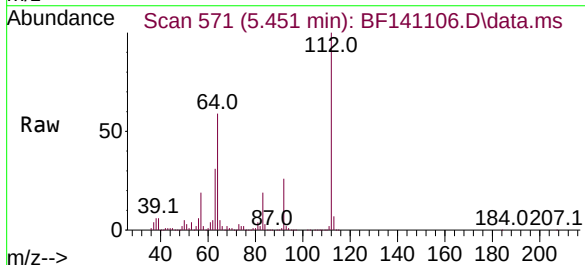
Instrument :
BNA_F
ClientSampleId :
28612

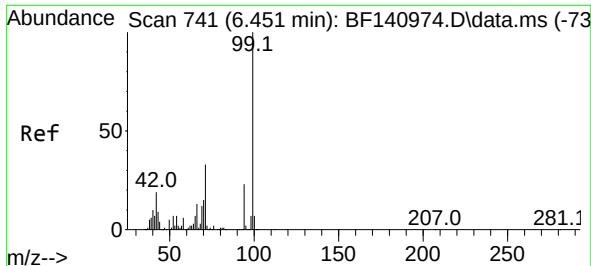
Tgt Ion:152 Resp: 189788
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 62.3 51.7 77.5



#5
2-Fluorophenol
Concen: 62.950 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

Tgt Ion:112 Resp: 792575
Ion Ratio Lower Upper
112 100
64 58.5 47.7 71.5
63 30.8 24.2 36.2

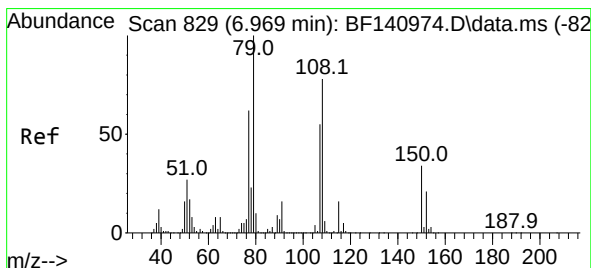
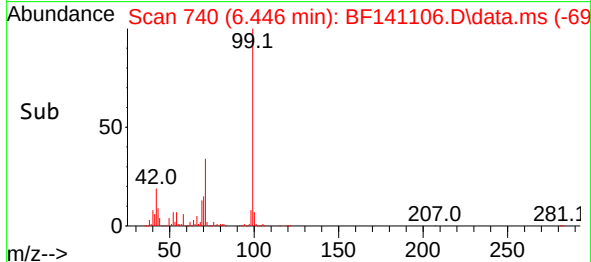
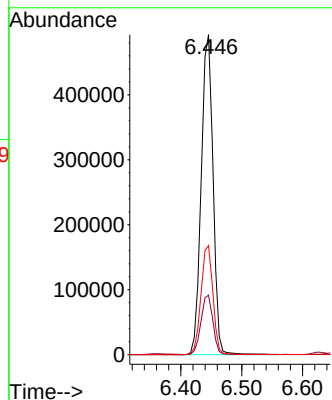
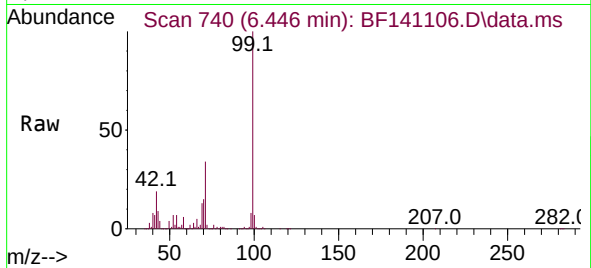




#7
Phenol-d6
Concen: 40.892 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

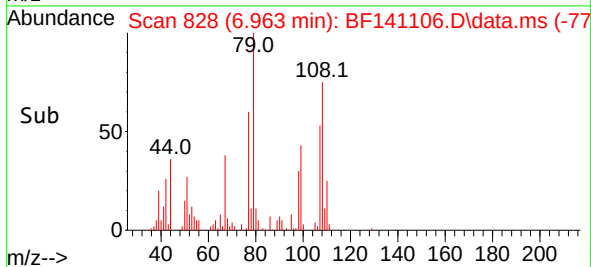
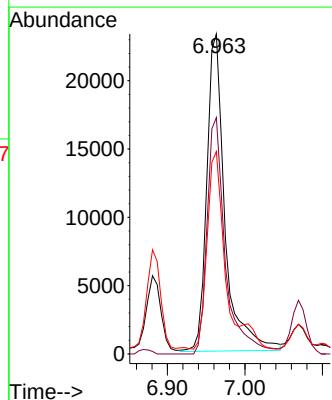
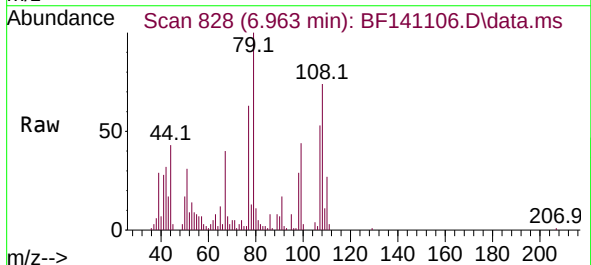
Instrument :
BNA_F
ClientSampleId :
28612

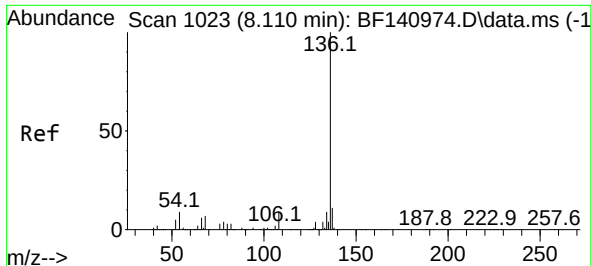
Tgt Ion: 99 Resp: 663243
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 34.1 26.2 39.2



#15
Benzyl Alcohol
Concen: 3.251 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 79 Resp: 37891
Ion Ratio Lower Upper
79 100
108 73.8 62.5 93.7
77 63.3 49.3 73.9



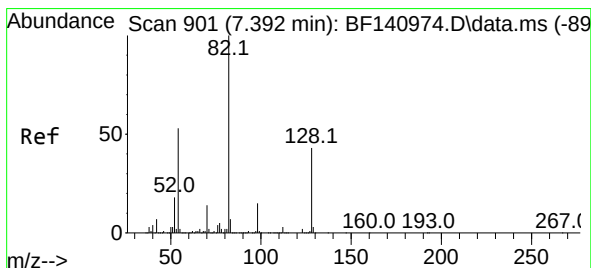
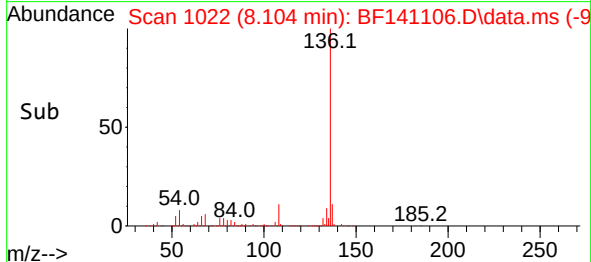
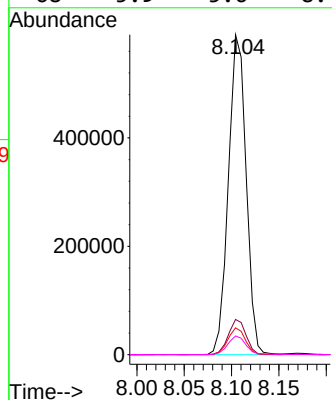
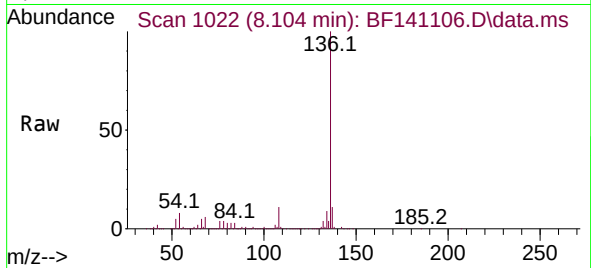


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

Instrument :
BNA_F
ClientSampleId :
28612

Tgt Ion:136 Resp: 771309

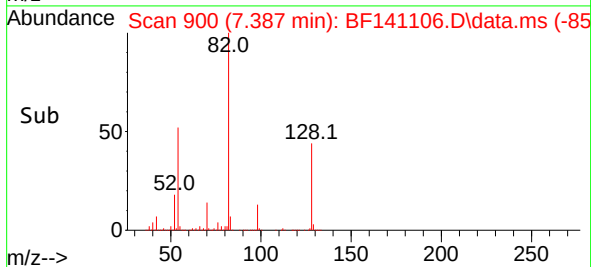
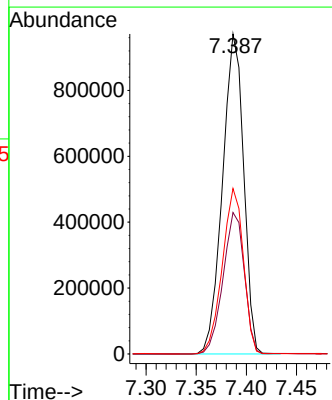
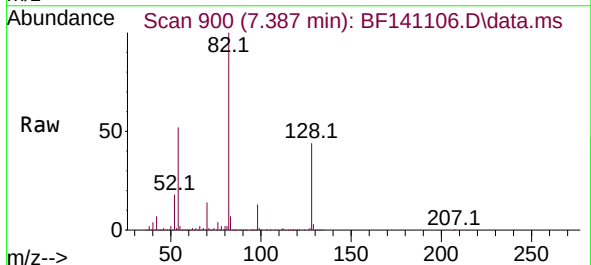
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	7.6	11.4
68	5.9	5.6	8.4

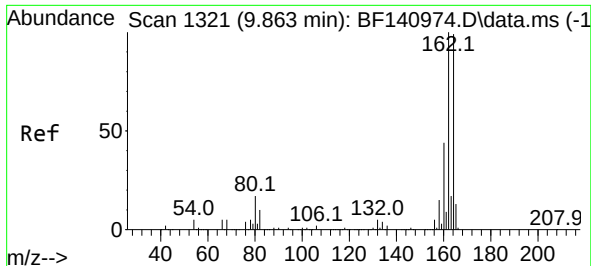


#23
Nitrobenzene-d5
Concen: 117.763 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

Tgt Ion: 82 Resp: 1419736

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	51.7	42.4	63.6

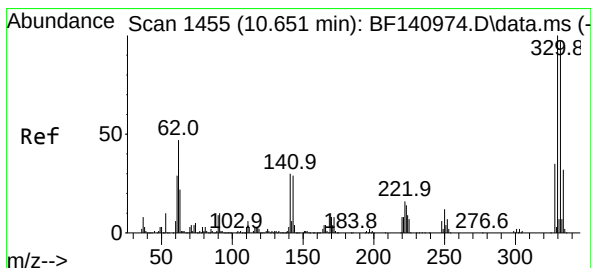
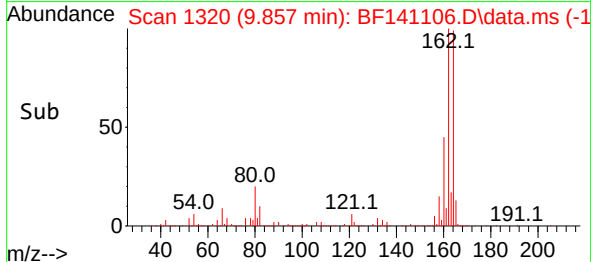
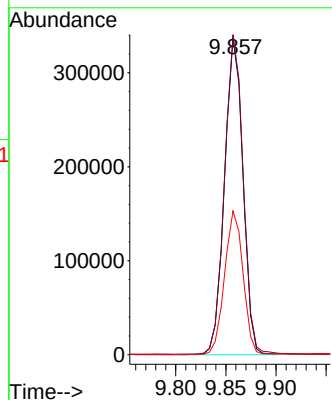
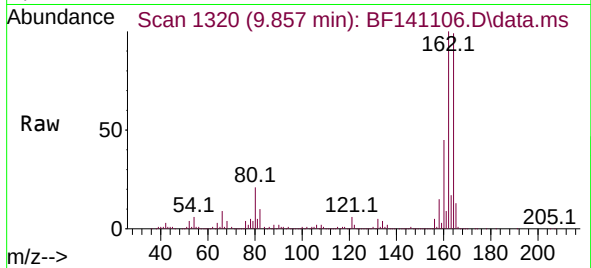




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

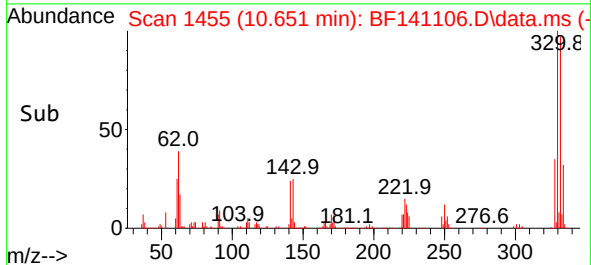
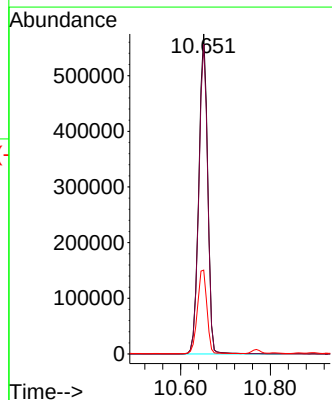
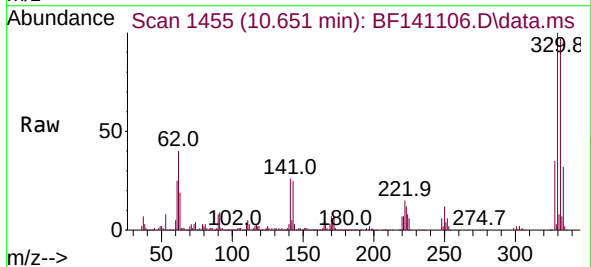
Instrument :
BNA_F
ClientSampleId :
28612

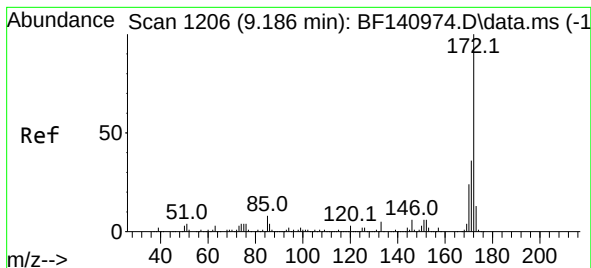
Tgt Ion:164 Resp: 431336
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.4 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 187.452 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141106.D
Acq: 09 Jan 2025 16:00

Tgt Ion:330 Resp: 785673
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 28.0 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 94.992 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141106.D

Acq: 09 Jan 2025 16:00

Instrument :

BNA_F

ClientSampleId :

28612

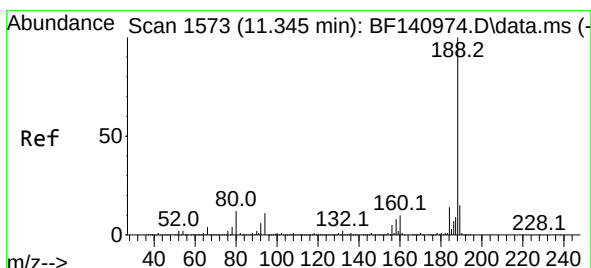
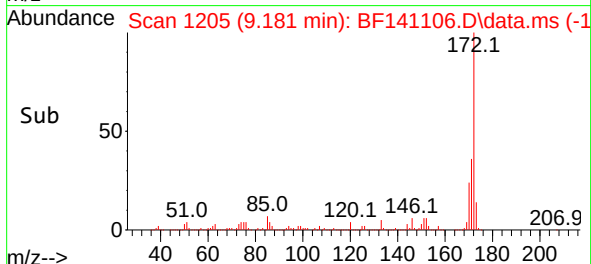
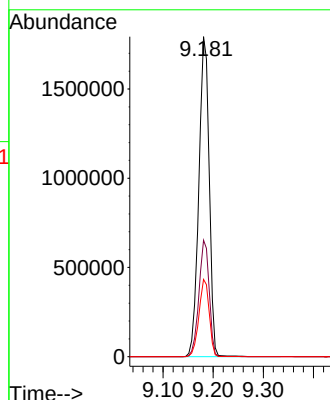
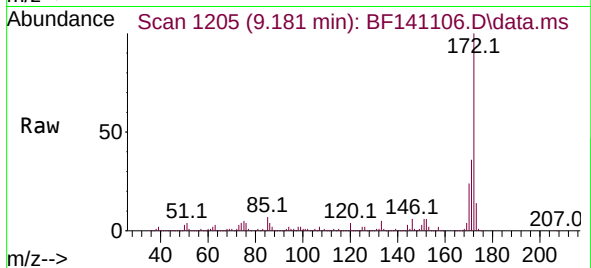
Tgt Ion:172 Resp: 2571702

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# 1573

Delta R.T. 0.000 min

Lab File: BF141106.D

Acq: 09 Jan 2025 16:00

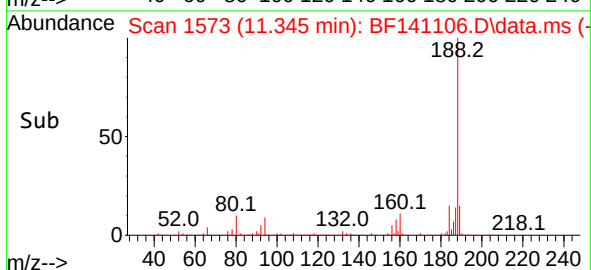
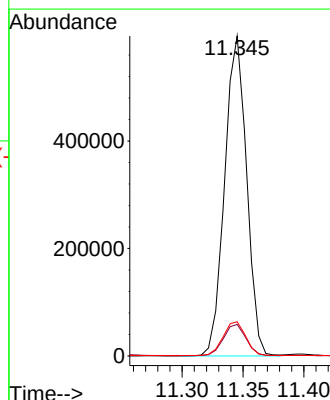
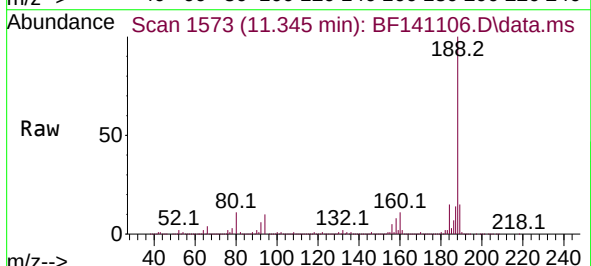
Tgt Ion:188 Resp: 746722

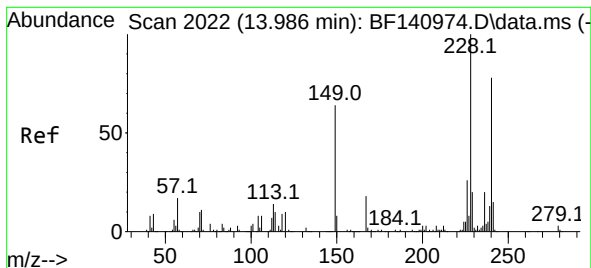
Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.6

80 10.7 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141106.D

Acq: 09 Jan 2025 16:00

Instrument :

BNA_F

ClientSampleId :

28612

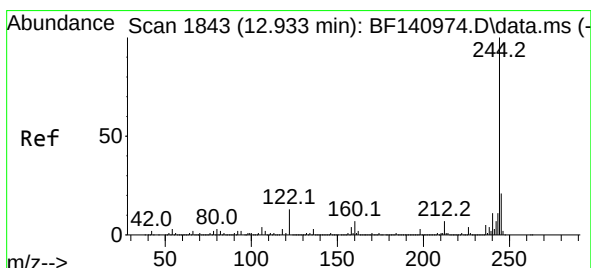
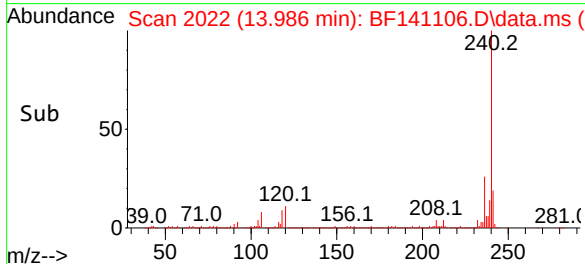
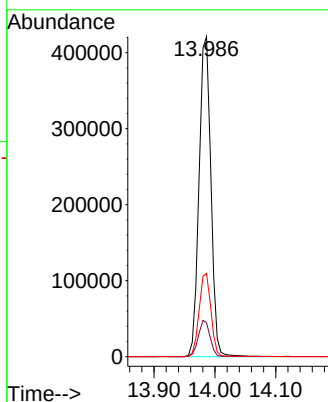
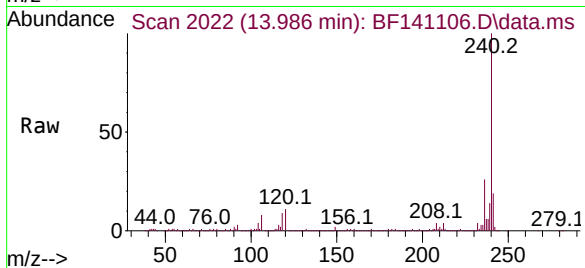
Tgt Ion:240 Resp: 567176

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 83.703 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141106.D

Acq: 09 Jan 2025 16:00

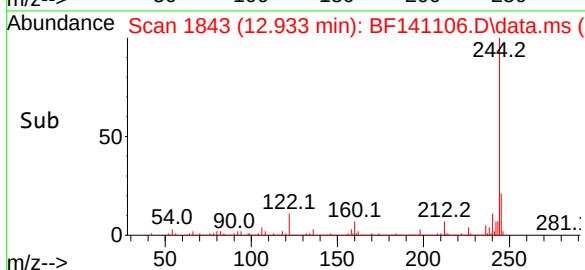
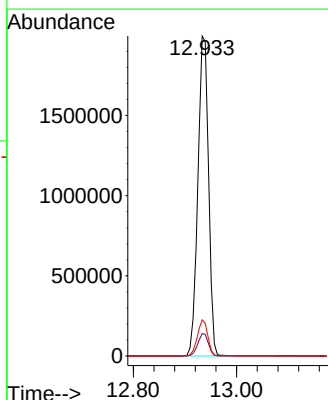
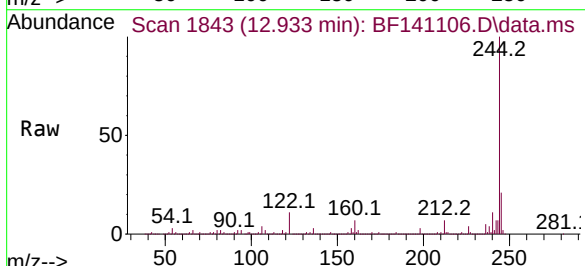
Tgt Ion:244 Resp: 2858171

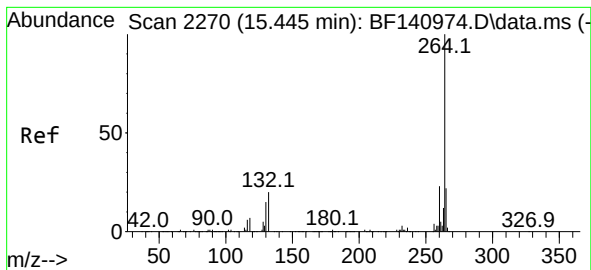
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.3 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141106.D

Acq: 09 Jan 2025 16:00

Instrument :

BNA_F

ClientSampleId :

28612

Tgt Ion:264 Resp: 421393

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.8 17.4 26.2

