

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
 Data File : BF141064.D
 Acq On : 03 Jan 2025 13:37
 Operator : RC/JU
 Sample : PB165945BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165945BL

Quant Time: Jan 03 13:58:42 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	6.822	152	240487	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	960913	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	524906	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	903387	20.000	ng	0.00
76) Chrysene-d12	13.998	240	702140	20.000	ng	0.01
86) Perylene-d12	15.492	264	553985	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2228014	139.652	ng	0.01
7) Phenol-d6	6.445	99	2765946	134.582	ng	0.00
23) Nitrobenzene-d5	7.387	82	1795834	119.567	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	862159	169.033	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3202016	97.190	ng	0.00
79) Terphenyl-d14	12.939	244	3871328	91.581	ng	0.00

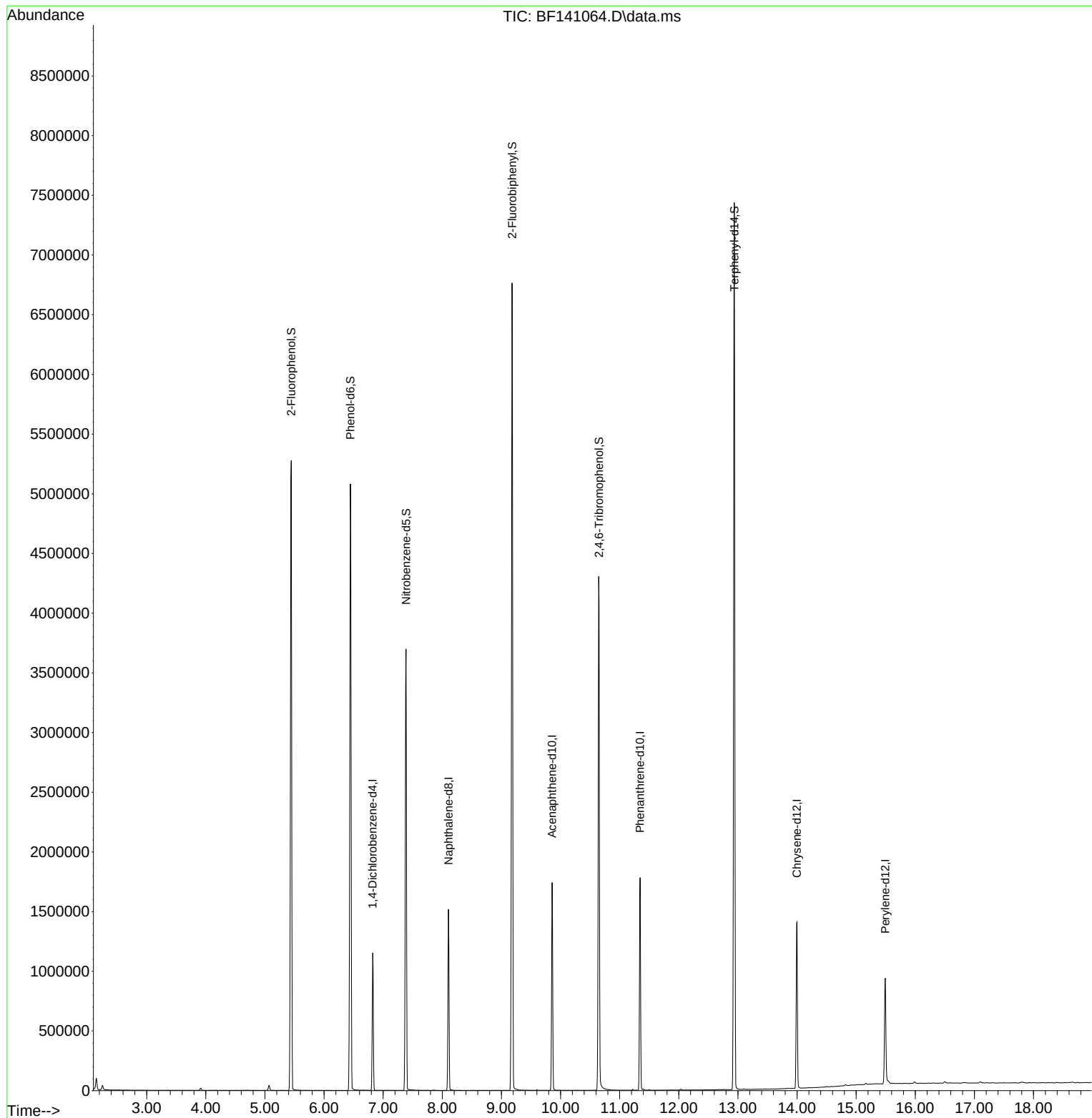
Target Compounds	Qvalue

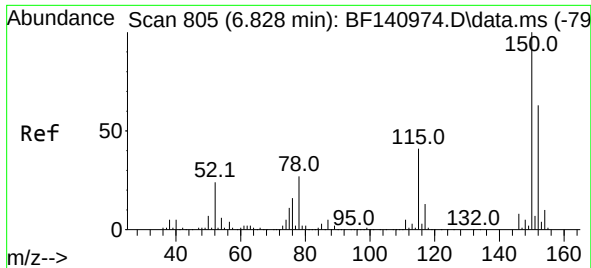
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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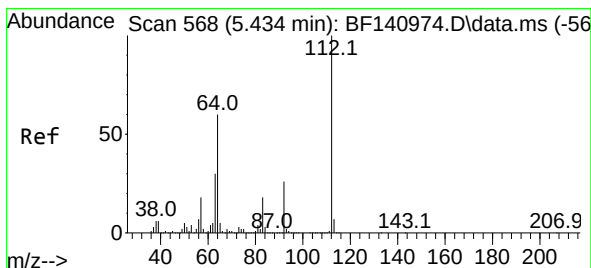
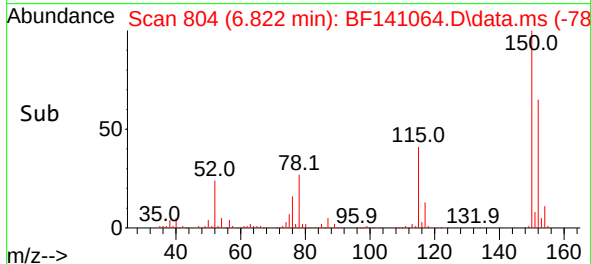
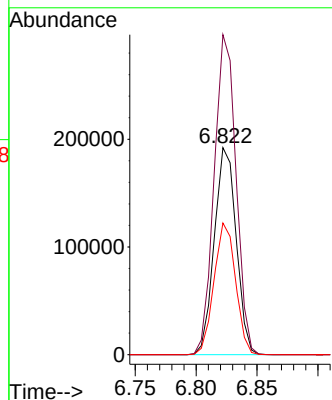
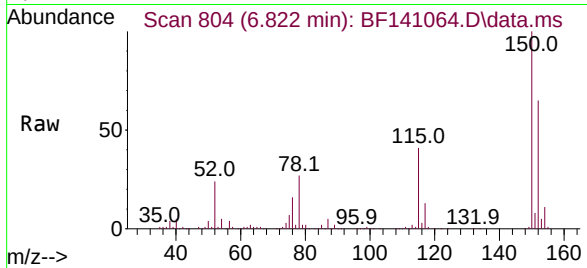




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

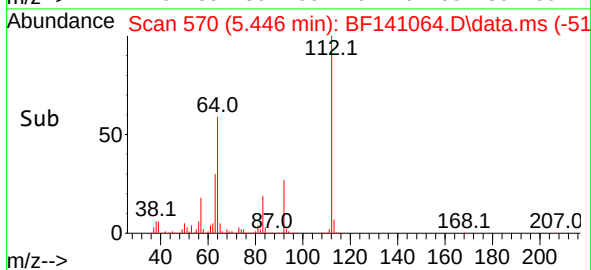
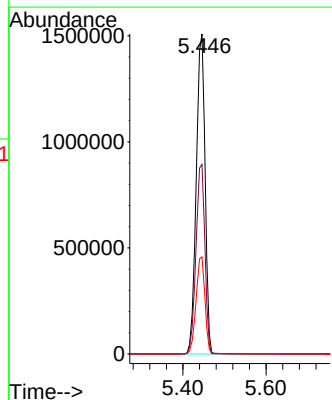
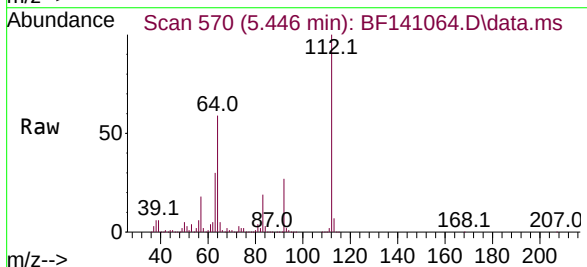
Instrument :
BNA_F
ClientSampleId :
PB165945BL

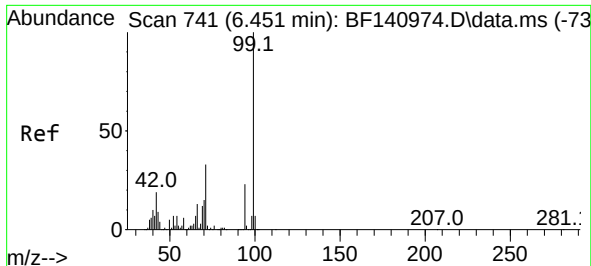
Tgt Ion:152 Resp: 240487
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 63.6 51.7 77.5



#5
2-Fluorophenol
Concen: 139.652 ng
RT: 5.446 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

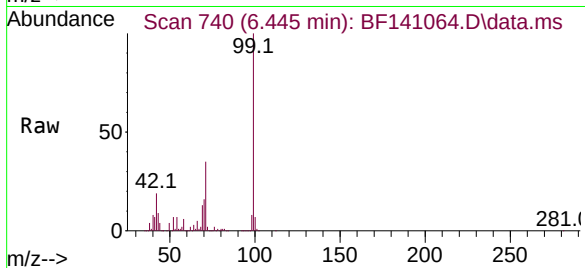
Tgt Ion:112 Resp: 2228014
Ion Ratio Lower Upper
112 100
64 59.2 47.7 71.5
63 30.4 24.2 36.2





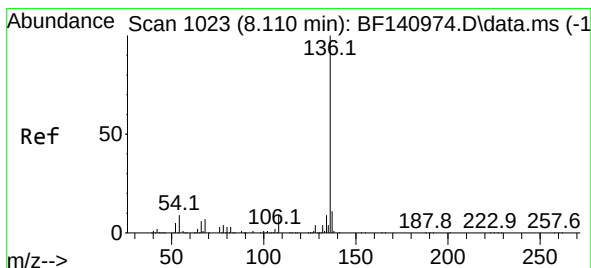
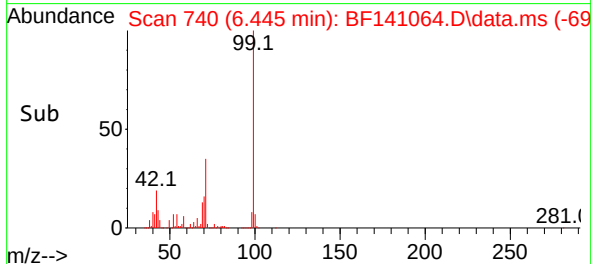
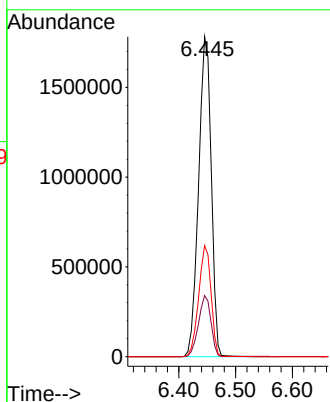
#7
Phenol-d6
Concen: 134.582 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB165945BL



Tgt Ion: 99 Resp: 2765946

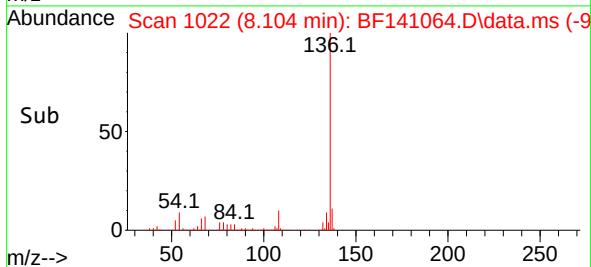
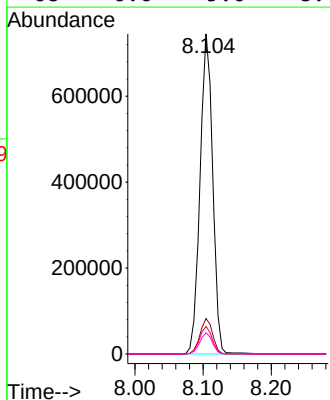
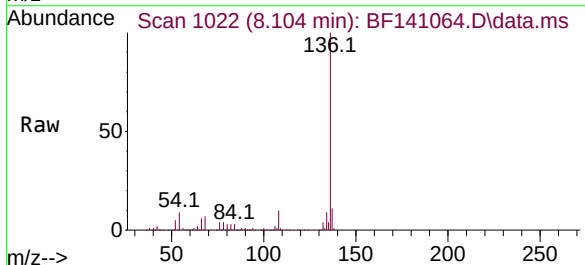
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	34.7	26.2	39.2

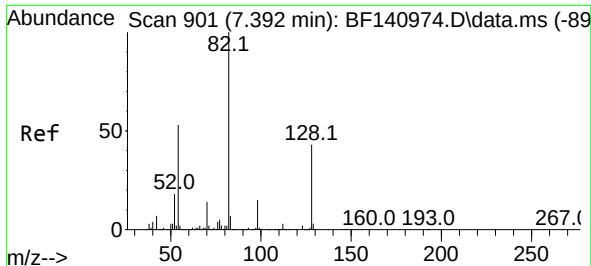


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

Tgt Ion: 136 Resp: 960913

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.6	7.6	11.4
68	6.6	5.6	8.4





#23

Nitrobenzene-d5

Concen: 119.567 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141064.D

Acq: 03 Jan 2025 13:37

Instrument :

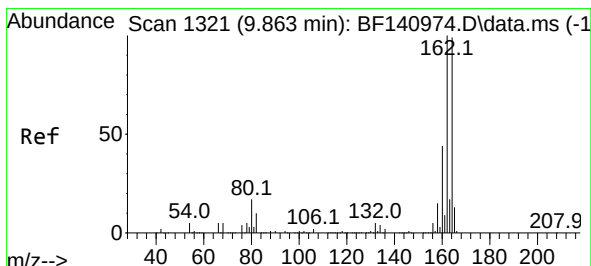
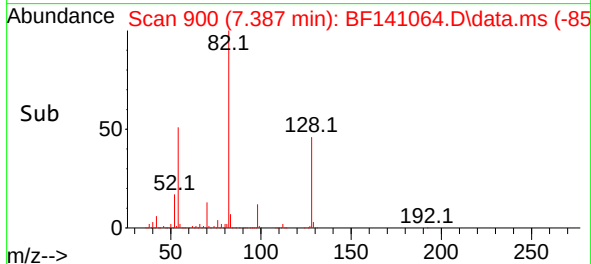
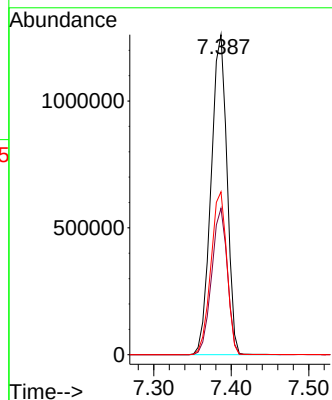
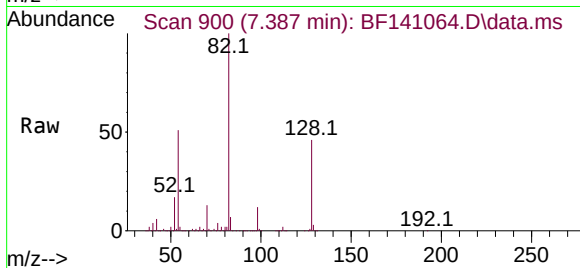
BNA_F

ClientSampleId :

PB165945BL

Tgt Ion: 82 Resp: 1795834

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.4	51.6
54	50.9	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

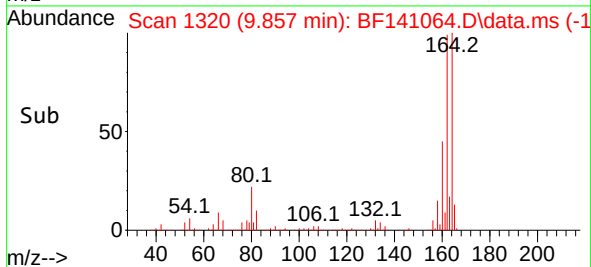
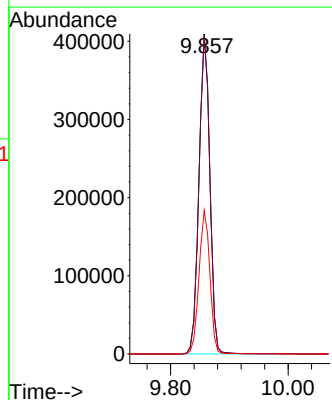
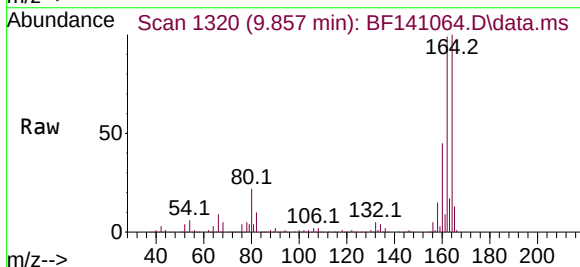
Delta R.T. -0.006 min

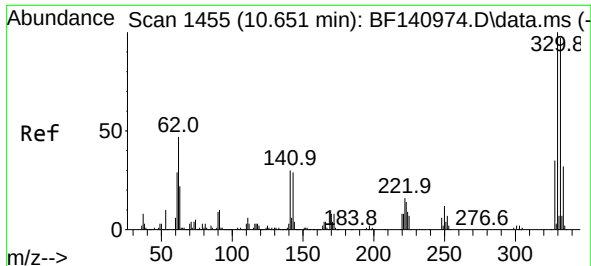
Lab File: BF141064.D

Acq: 03 Jan 2025 13:37

Tgt Ion: 164 Resp: 524906

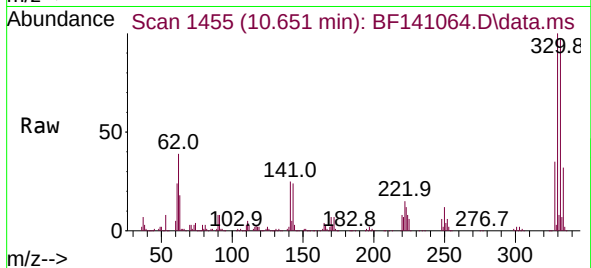
Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.8	35.7	53.5



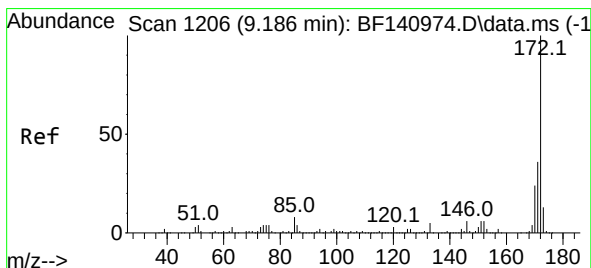
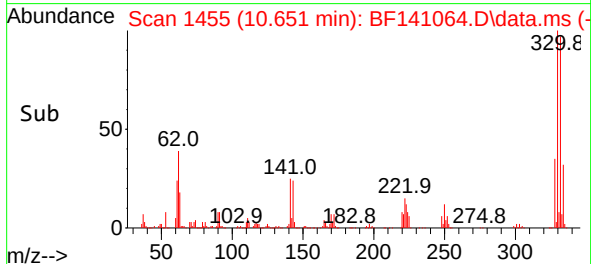
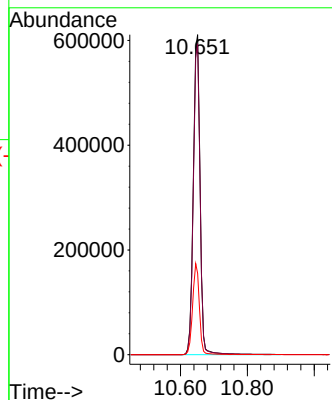


#42
2,4,6-Tribromophenol
Concen: 169.033 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB165945BL

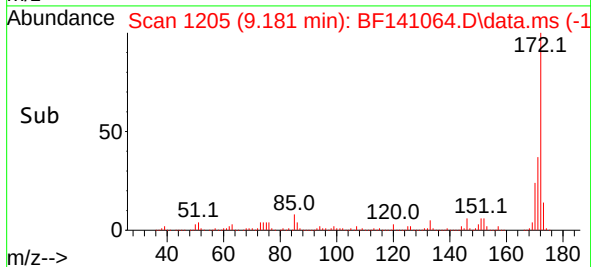
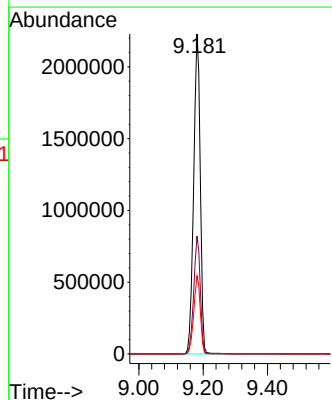
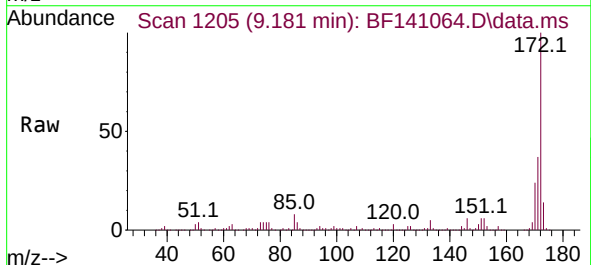


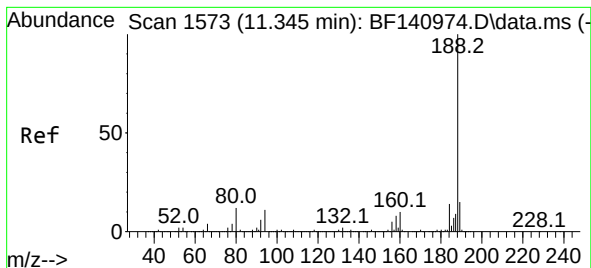
Tgt Ion:330 Resp: 862159
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 28.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 97.190 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141064.D
Acq: 03 Jan 2025 13:37

Tgt Ion:172 Resp: 3202016
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141064.D

Acq: 03 Jan 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB165945BL

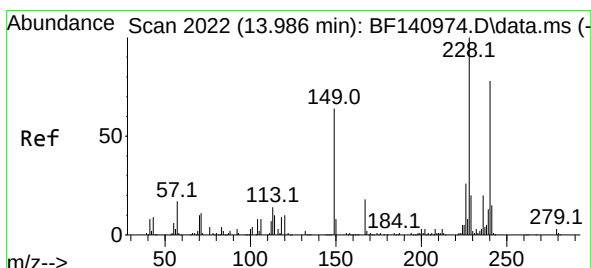
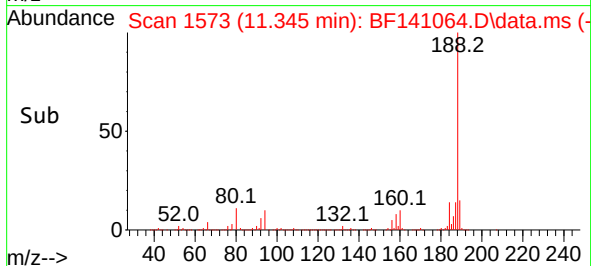
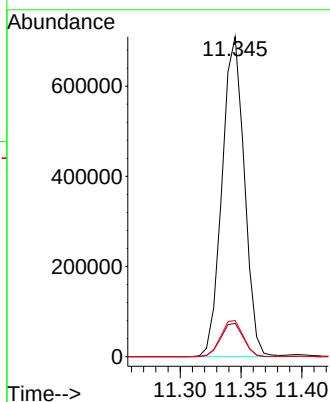
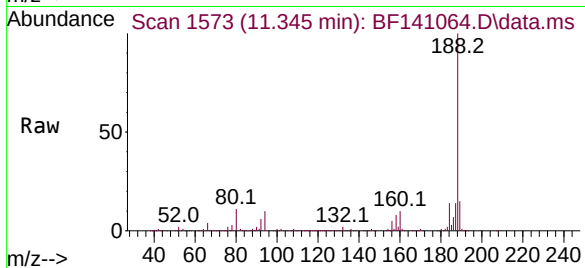
Tgt Ion:188 Resp: 903387

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.6

80 11.3 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.012 min

Lab File: BF141064.D

Acq: 03 Jan 2025 13:37

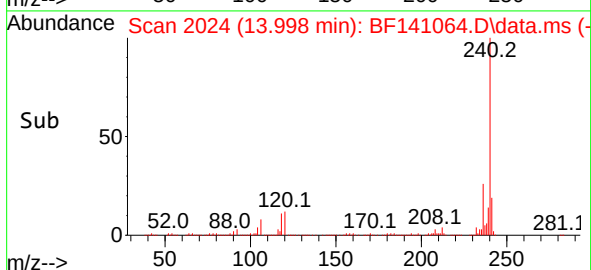
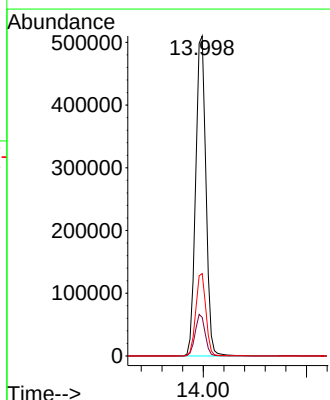
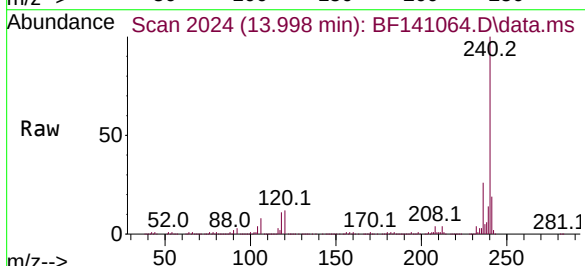
Tgt Ion:240 Resp: 702140

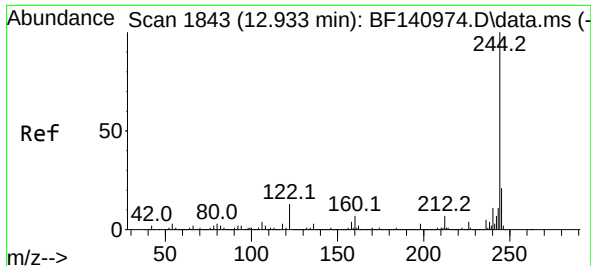
Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

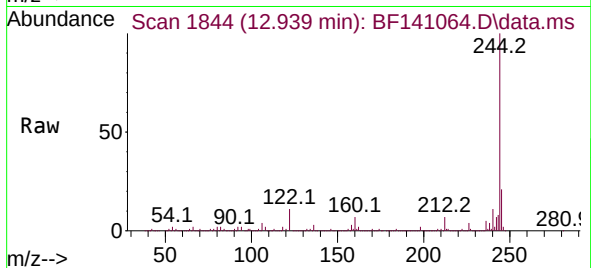
236 25.7 20.6 31.0



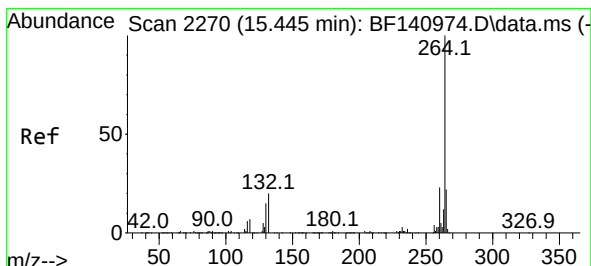
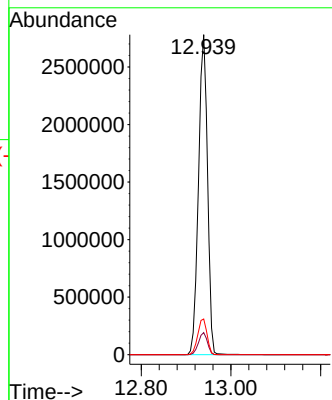
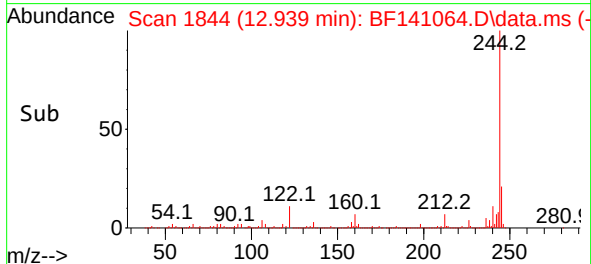


#79
 Terphenyl-d14
 Concen: 91.581 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF141064.D
 Acq: 03 Jan 2025 13:37

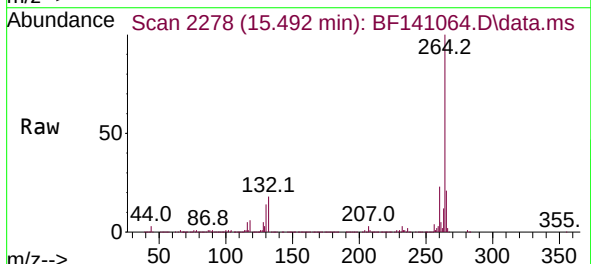
Instrument :
 BNA_F
 ClientSampleId :
 PB165945BL



Tgt Ion:244 Resp: 3871328
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.2 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. 0.047 min
 Lab File: BF141064.D
 Acq: 03 Jan 2025 13:37



Tgt Ion:264 Resp: 553985
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.5 17.4 26.2

