

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141000.D
 Acq On : 27 Dec 2024 16:55
 Operator : RC/JU
 Sample : P5356-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STAND-PIPE

Quant Time: Dec 27 17:25:43 2024
 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)

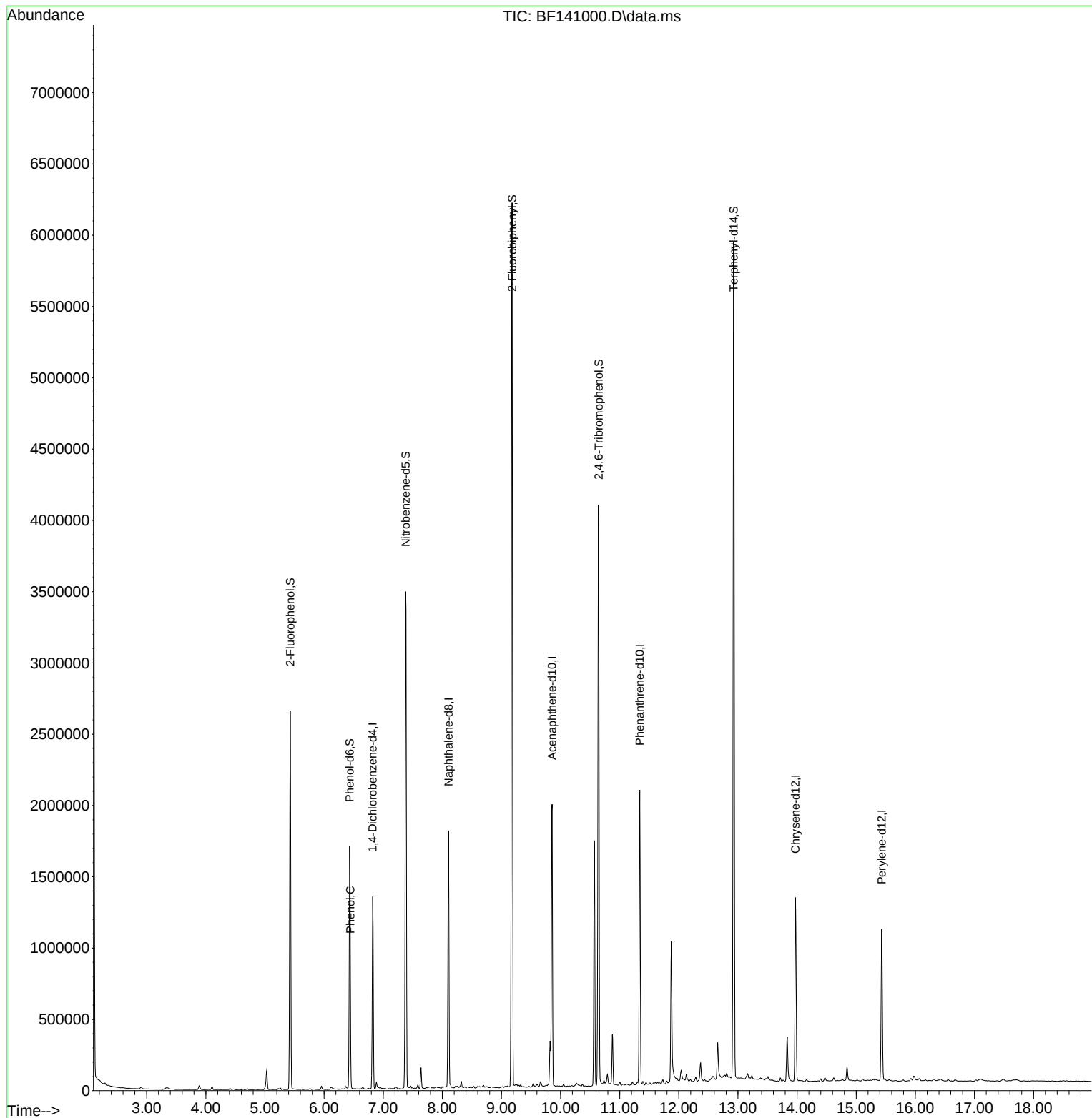
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	274306	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1094927	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	589182	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	998377	20.000	ng	0.00
76) Chrysene-d12	13.974	240	586922	20.000	ng	-0.01
86) Perylene-d12	15.433	264	585878	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	973061	53.472	ng	0.00
7) Phenol-d6	6.434	99	756738	32.281	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1658749	96.923	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	767804	134.111	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2796008	75.608	ng	0.00
79) Terphenyl-d14	12.927	244	2899627	82.060	ng	0.00
Target Compounds						
10) Phenol	6.445	94	50745	2.093	ng	Qvalue # 75

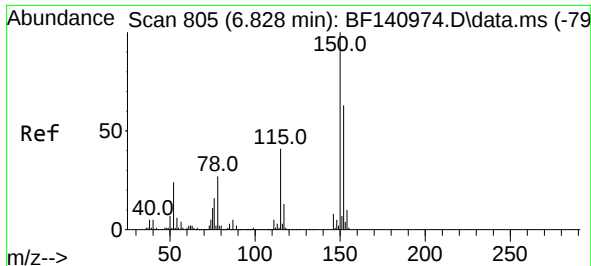
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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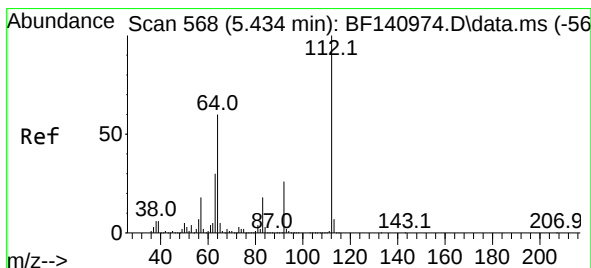
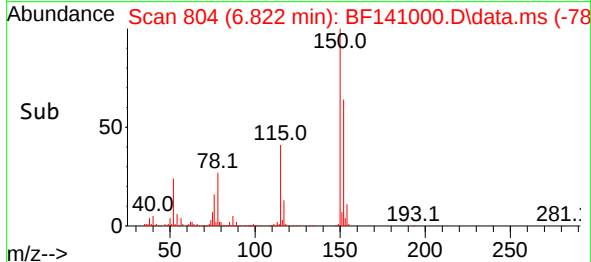
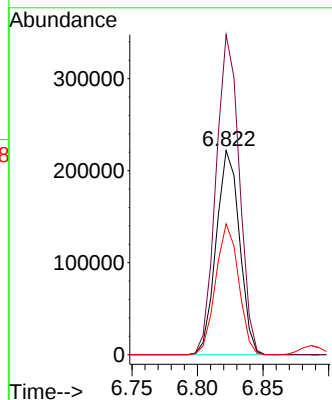
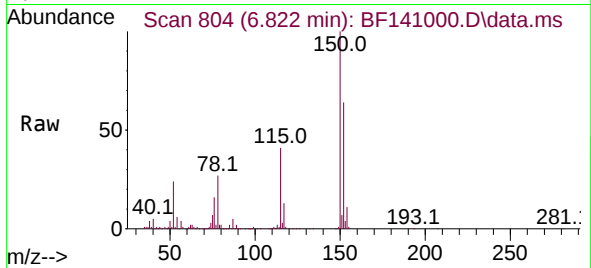




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

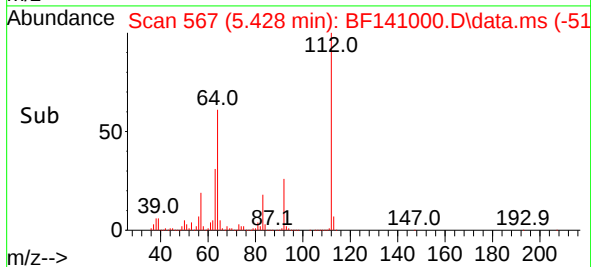
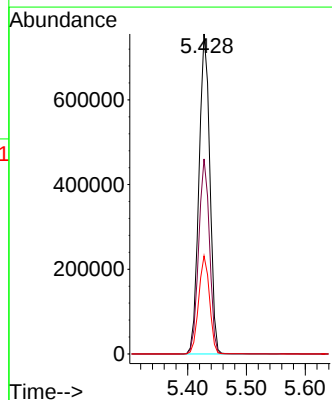
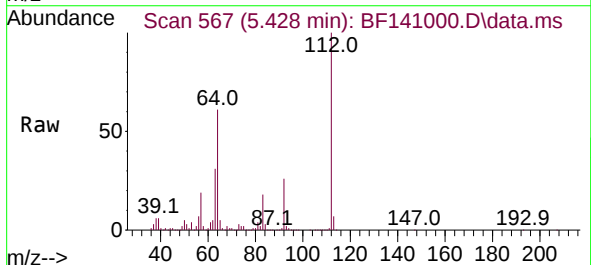
Instrument :
BNA_F
ClientSampleId :
STAND-PIPE

Tgt Ion:152 Resp: 274306
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 64.1 51.7 77.5



#5
2-Fluorophenol
Concen: 53.472 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

Tgt Ion:112 Resp: 973061
Ion Ratio Lower Upper
112 100
64 61.0 47.7 71.5
63 30.7 24.2 36.2

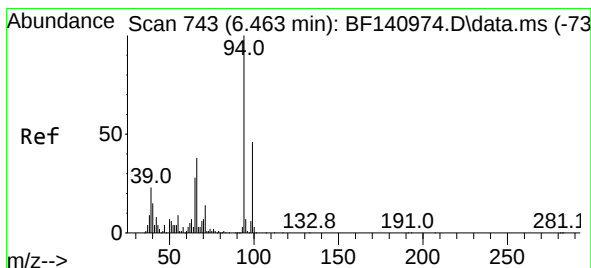
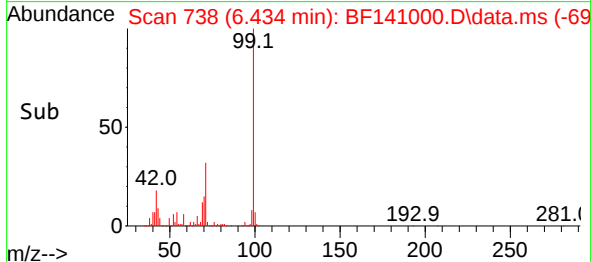
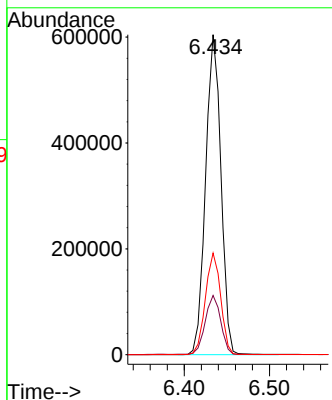
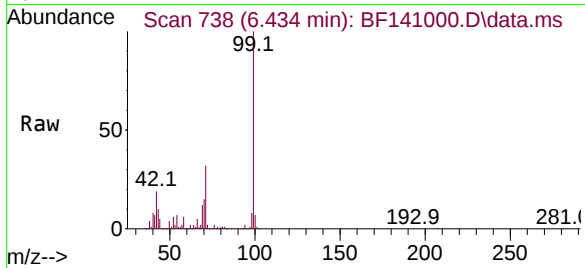




#7
Phenol-d6
Concen: 32.281 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

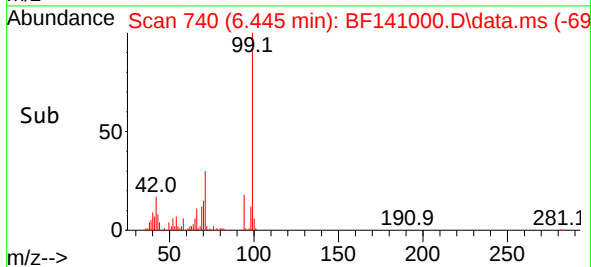
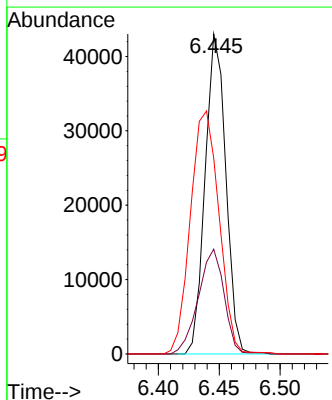
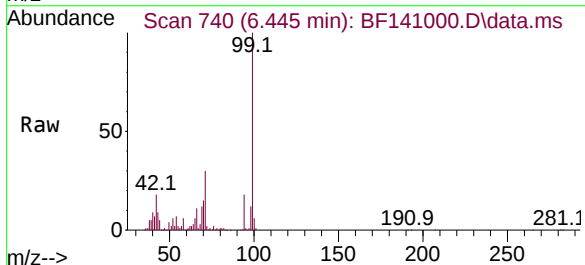
Instrument :
BNA_F
ClientSampleId :
STAND-PIPE

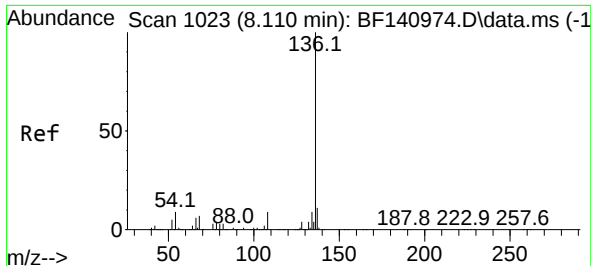
Tgt Ion: 99 Resp: 756738
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 31.7 26.2 39.2



#10
Phenol
Concen: 2.093 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

Tgt Ion: 94 Resp: 50745
Ion Ratio Lower Upper
94 100
65 32.8 8.1 48.1
66 61.2 18.7 58.7#



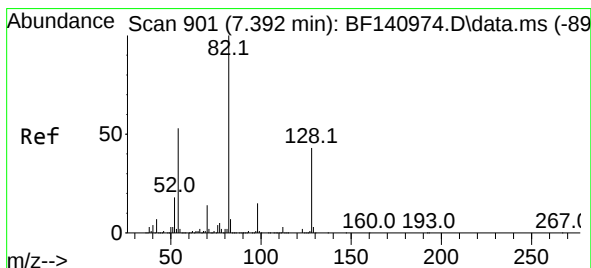
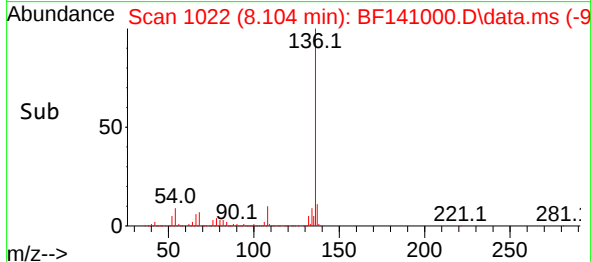
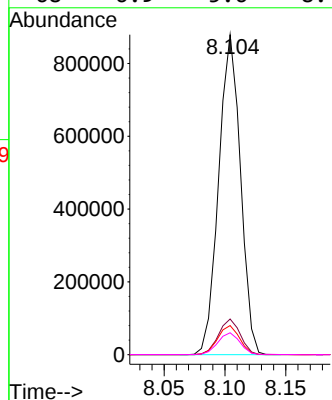
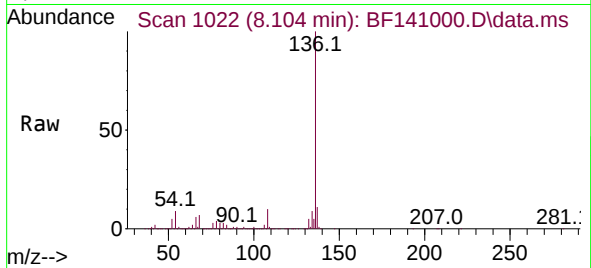


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

Instrument :
BNA_F
ClientSampleId :
STAND-PIPE

Tgt Ion:136 Resp: 1094927

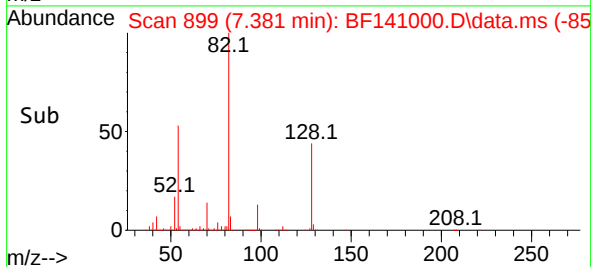
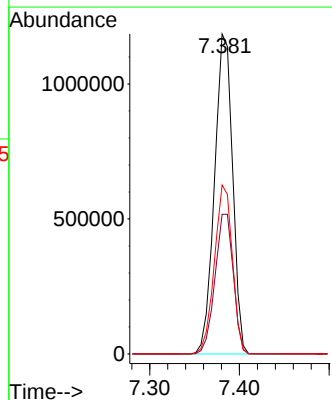
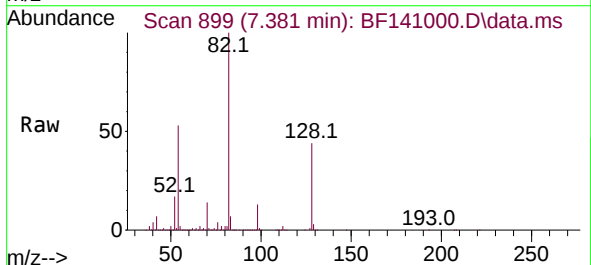
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.1	7.6	11.4
68	6.9	5.6	8.4

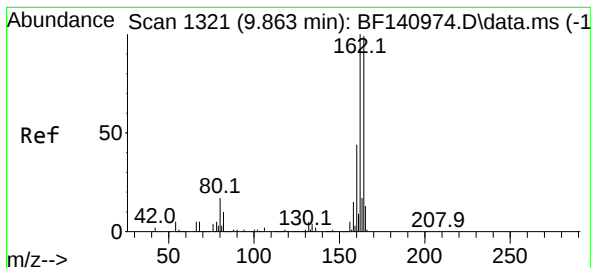


#23
Nitrobenzene-d5
Concen: 96.923 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141000.D
Acq: 27 Dec 2024 16:55

Tgt Ion: 82 Resp: 1658749

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	52.8	42.4	63.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

Instrument :

BNA_F

ClientSampleId :

STAND-PIPE

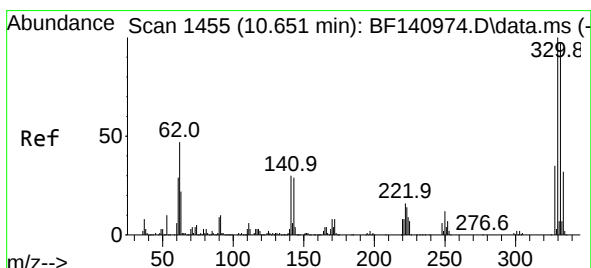
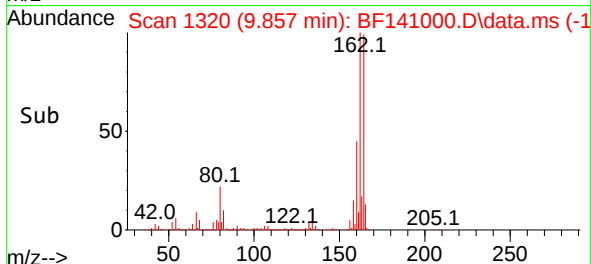
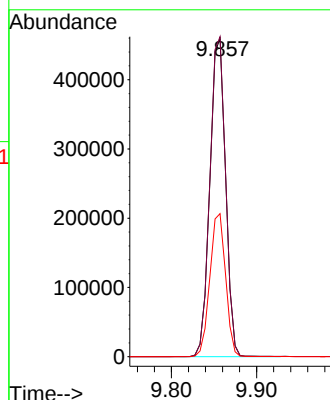
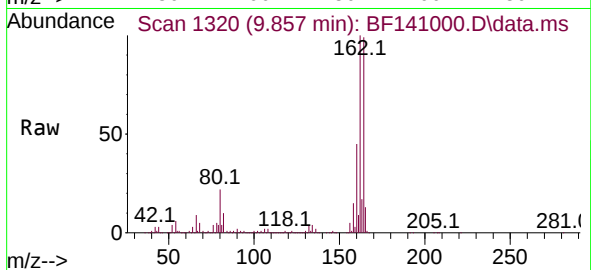
Tgt Ion:164 Resp: 589182

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

160 45.0 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 134.111 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

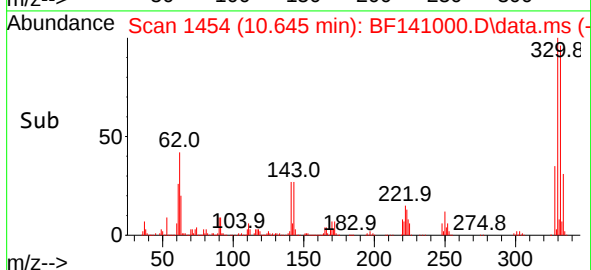
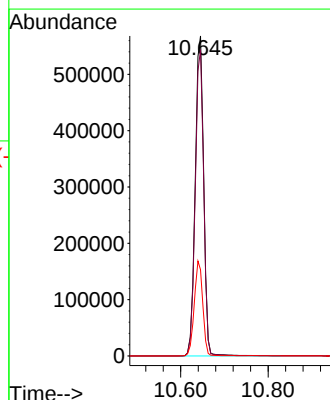
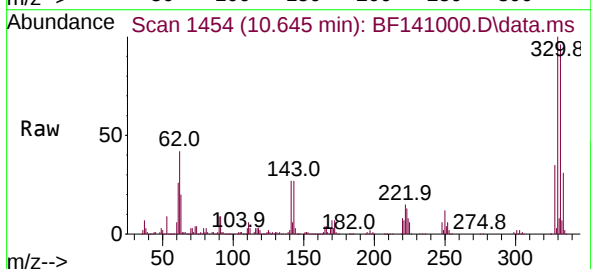
Tgt Ion:330 Resp: 767804

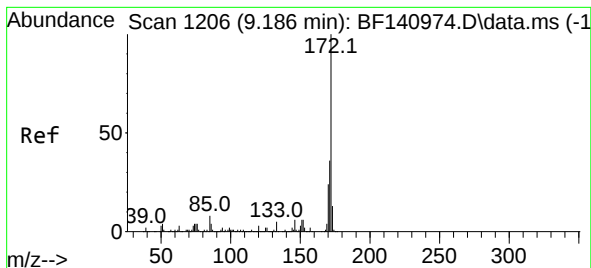
Ion Ratio Lower Upper

330 100

332 94.9 78.0 117.0

141 29.7 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 75.608 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

Instrument :

BNA_F

ClientSampleId :

STAND-PIPE

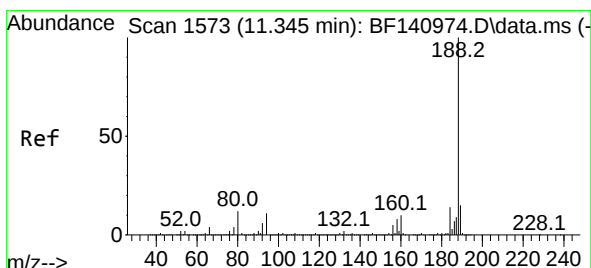
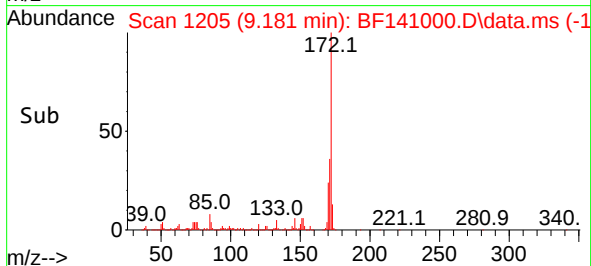
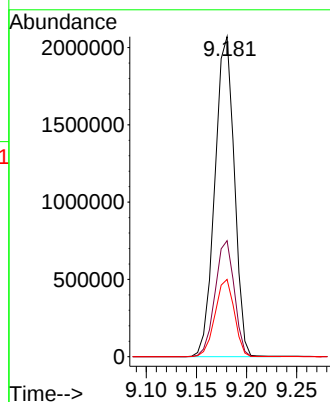
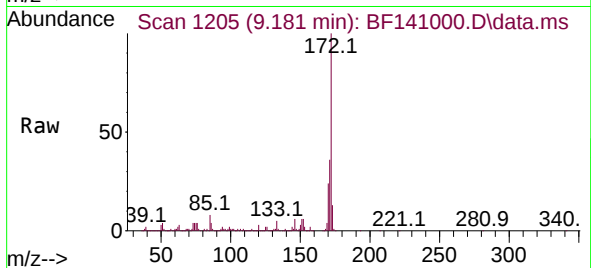
Tgt Ion:172 Resp: 2796008

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.2 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

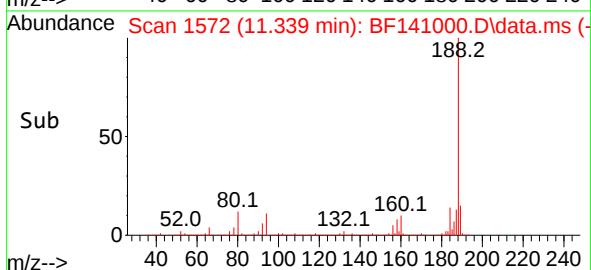
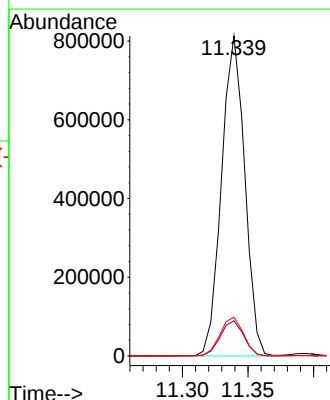
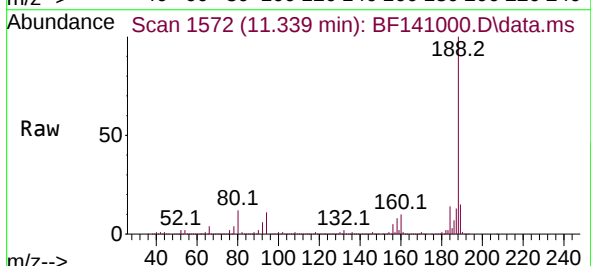
Tgt Ion:188 Resp: 998377

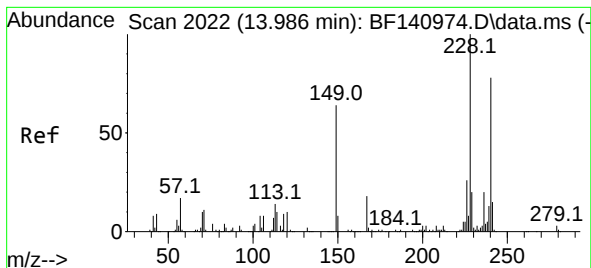
Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 12.1 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

Instrument :

BNA_F

ClientSampleId :

STAND-PIPE

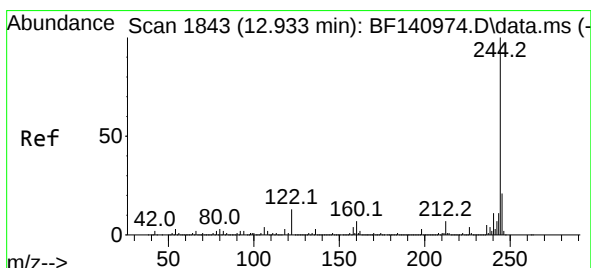
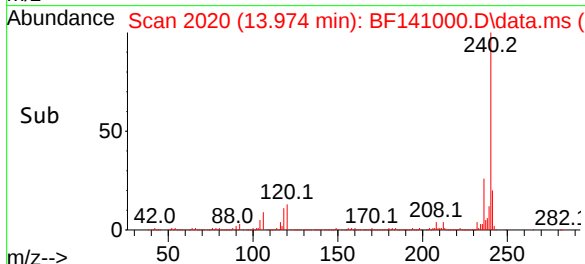
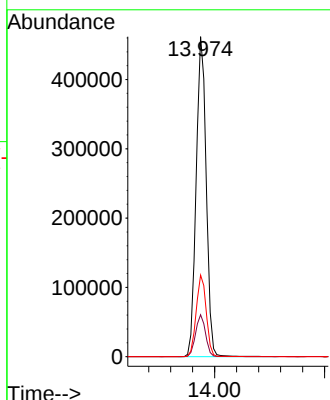
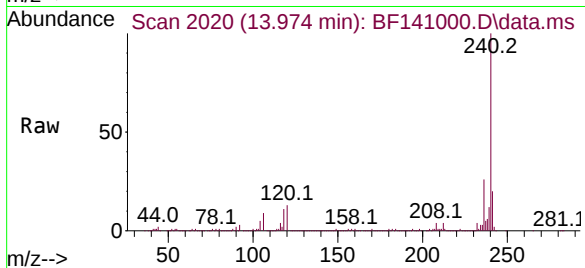
Tgt Ion:240 Resp: 586922

Ion Ratio Lower Upper

240 100

120 13.1 10.7 16.1

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 82.060 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141000.D

Acq: 27 Dec 2024 16:55

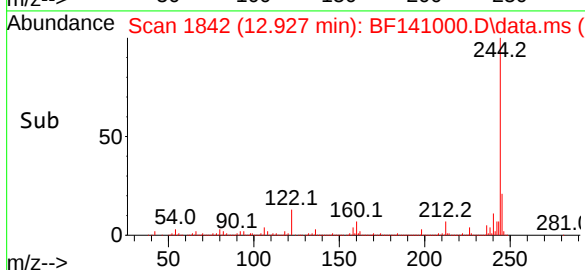
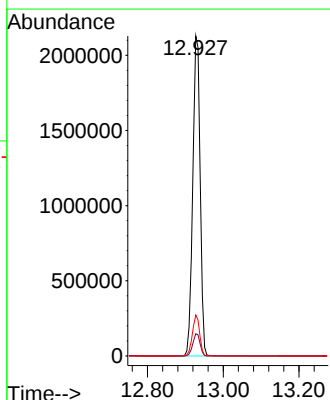
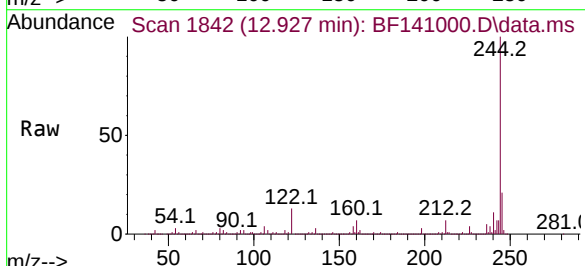
Tgt Ion:244 Resp: 2899627

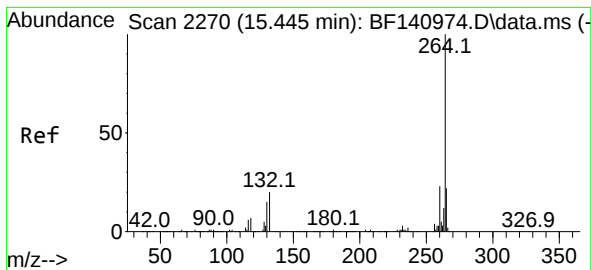
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.8 10.2 15.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141000.D
 Acq: 27 Dec 2024 16:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 585878
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.4 17.4 26.2

