

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140989.D
 Acq On : 27 Dec 2024 11:48
 Operator : RC/JU
 Sample : PB165814BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165814BL

Quant Time: Dec 27 12:10:45 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	6.828	152	273904	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1090162	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	581774	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	982068	20.000	ng	0.00
76) Chrysene-d12	13.980	240	752306	20.000	ng	0.00
86) Perylene-d12	15.439	264	594165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2386866	131.357	ng	0.01
7) Phenol-d6	6.445	99	2962878	126.575	ng	0.00
23) Nitrobenzene-d5	7.386	82	1863439	109.359	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	813842	143.963	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3311555	90.690	ng	0.00
79) Terphenyl-d14	12.933	244	3771436	83.269	ng	0.00

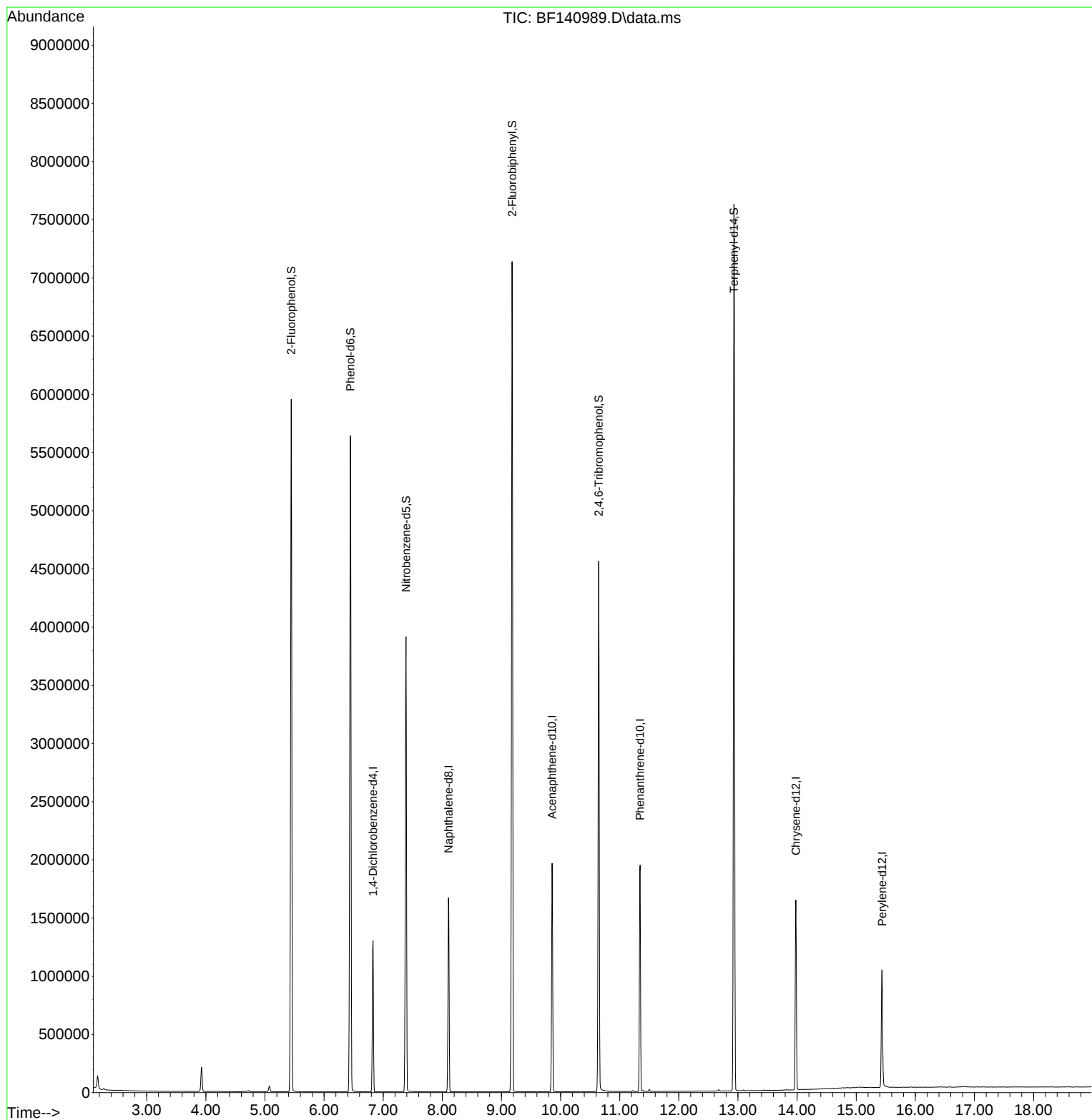
Target Compounds	Qvalue

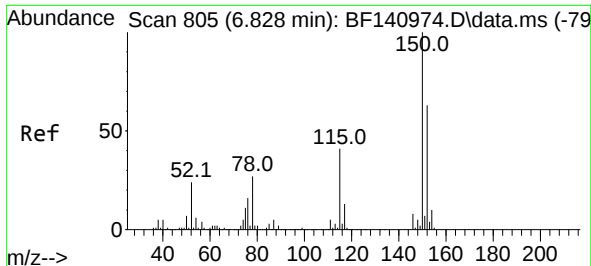
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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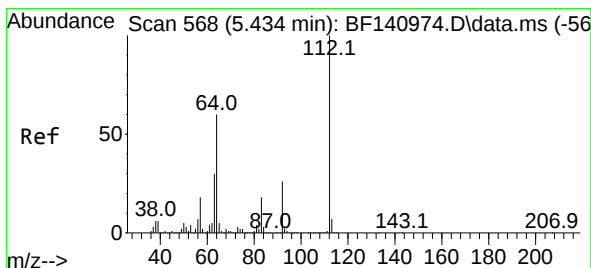
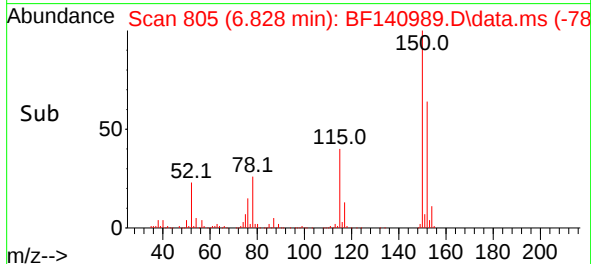
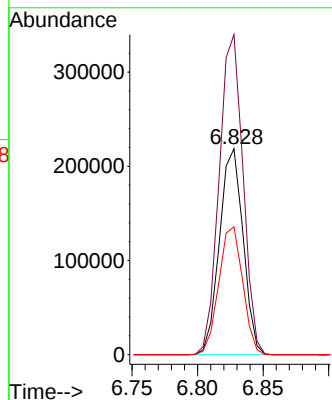
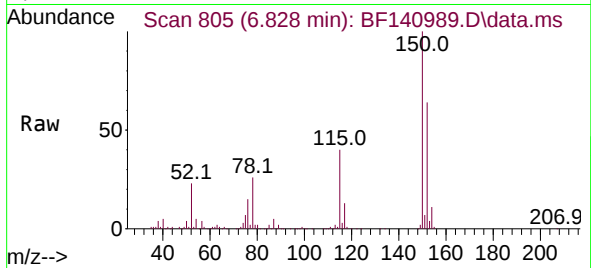




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

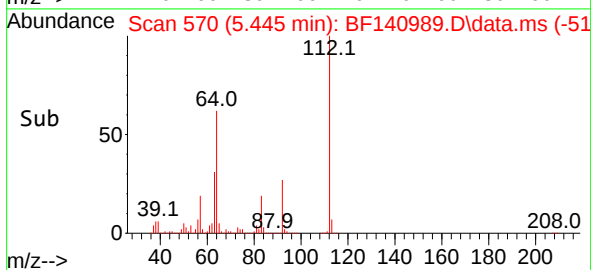
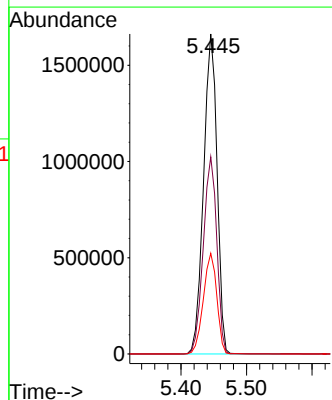
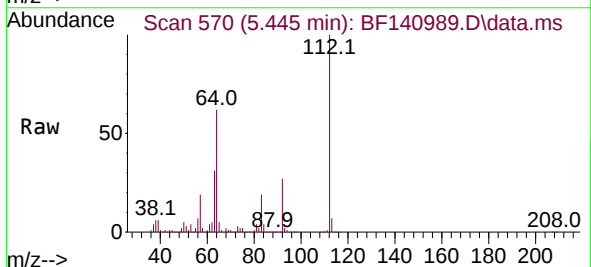
Instrument :
BNA_F
ClientSampleId :
PB165814BL

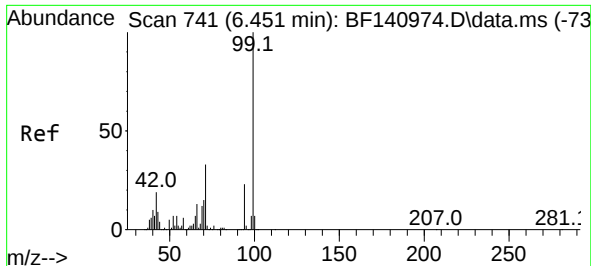
Tgt Ion:152 Resp: 273904
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 62.1 51.7 77.5



#5
2-Fluorophenol
Concen: 131.357 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion:112 Resp: 2386866
Ion Ratio Lower Upper
112 100
64 61.6 47.7 71.5
63 31.5 24.2 36.2

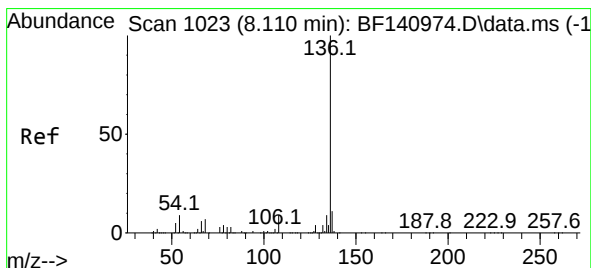
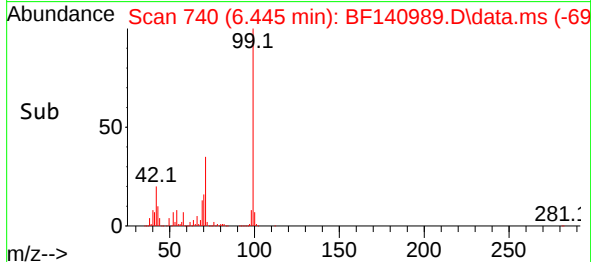
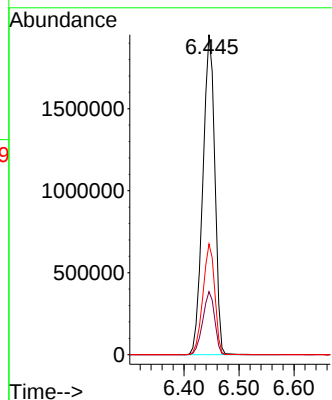
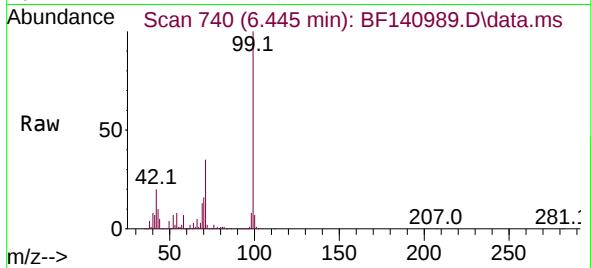




#7
Phenol-d6
Concen: 126.575 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

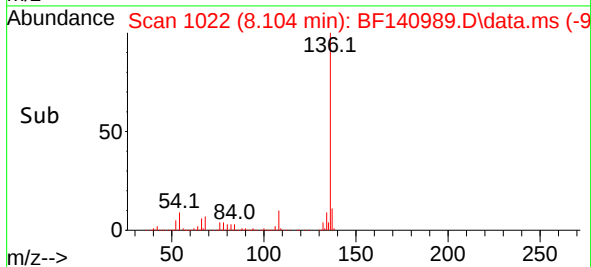
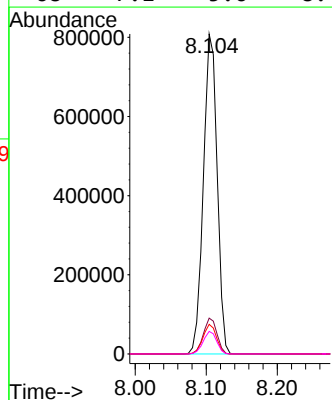
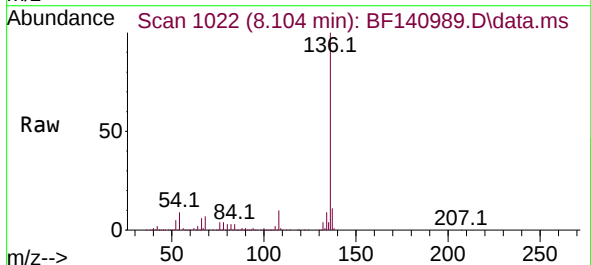
Instrument :
BNA_F
ClientSampleId :
PB165814BL

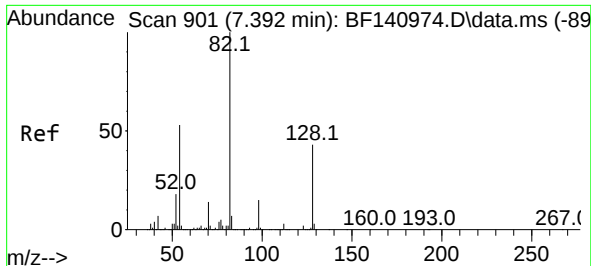
Tgt Ion: 99 Resp: 2962878
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 34.6 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140989.D
Acq: 27 Dec 2024 11:48

Tgt Ion: 136 Resp: 1090162
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.2 7.6 11.4
68 7.1 5.6 8.4





#23

Nitrobenzene-d5

Concen: 109.359 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

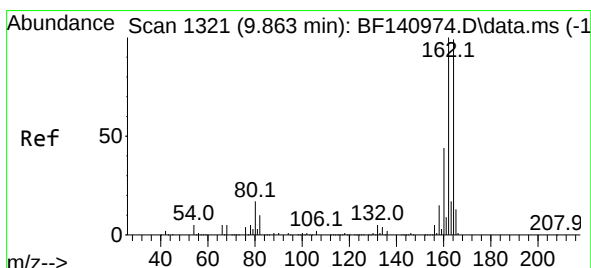
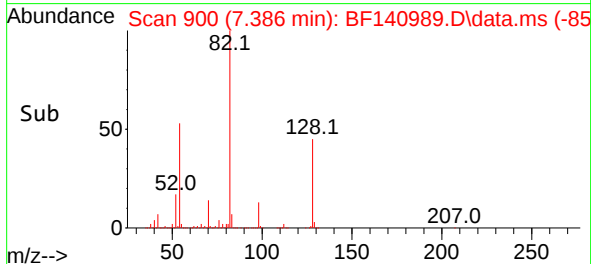
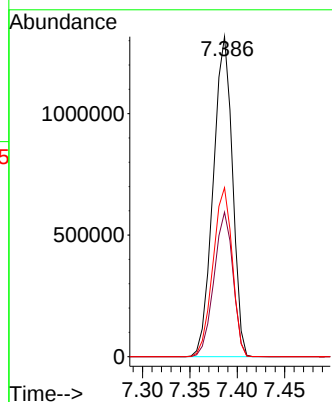
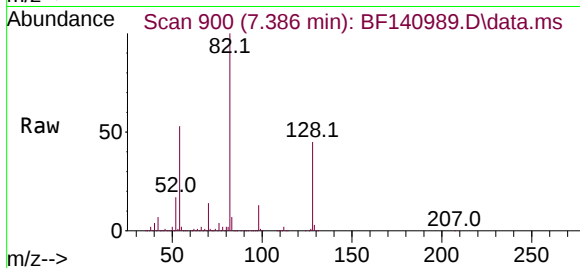
BNA_F

ClientSampleId :

PB165814BL

Tgt Ion: 82 Resp: 1863439

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.4	51.6
54	52.8	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

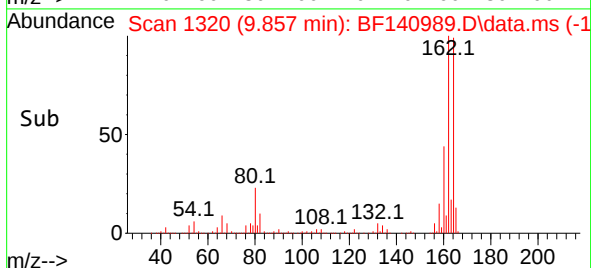
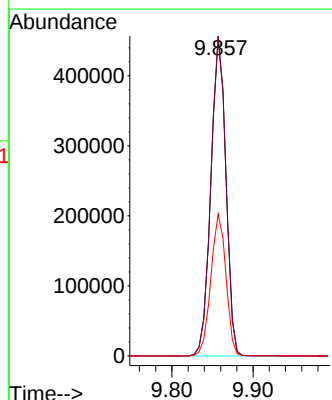
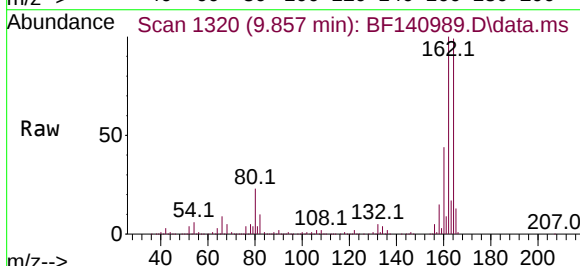
Delta R.T. -0.006 min

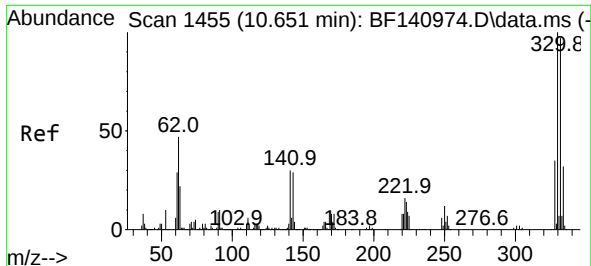
Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Tgt Ion: 164 Resp: 581774

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 143.963 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL

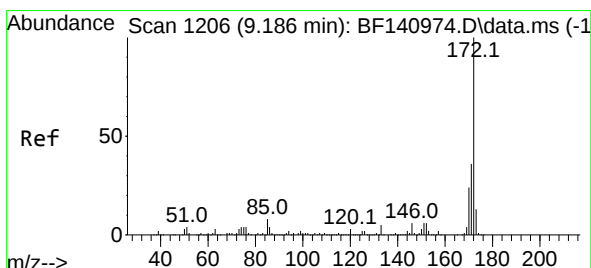
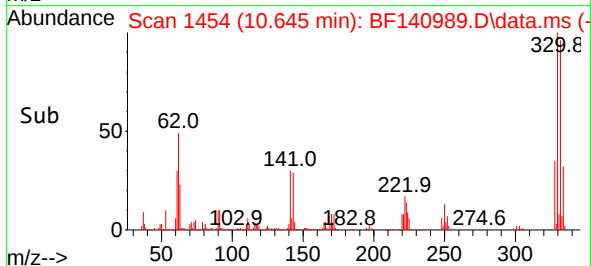
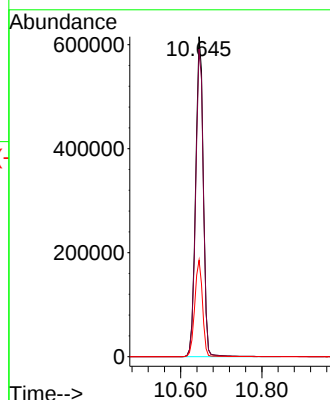
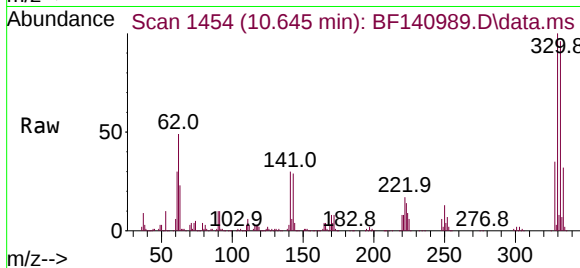
Tgt Ion:330 Resp: 813842

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 30.4 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 90.690 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140989.D

Acq: 27 Dec 2024 11:48

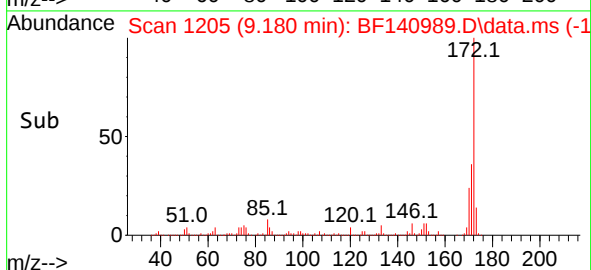
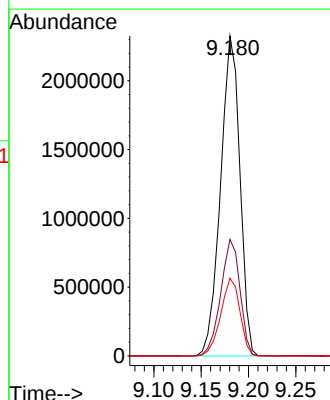
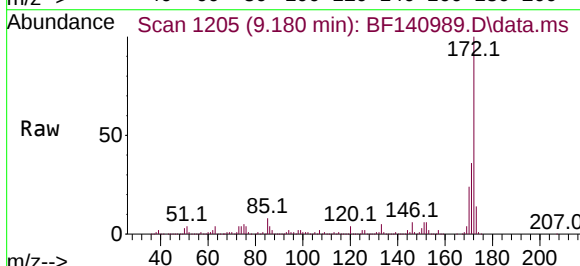
Tgt Ion:172 Resp: 3311555

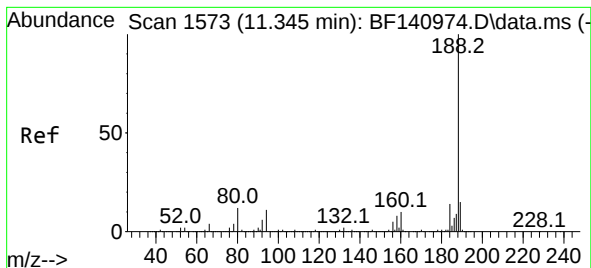
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.3 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: BF140989.D

Acq: 27 Dec 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB165814BL

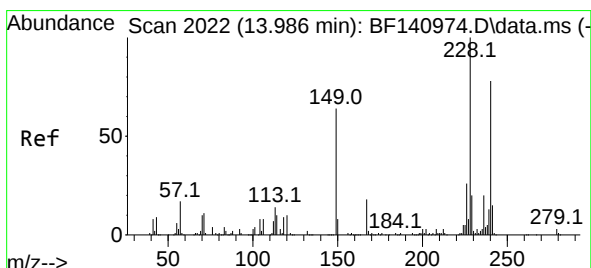
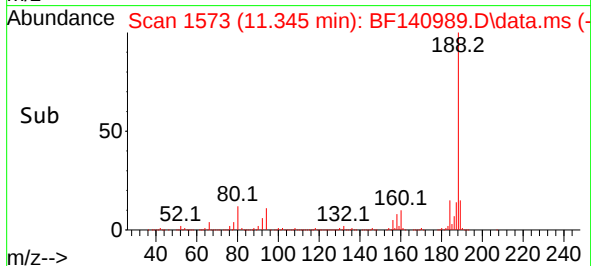
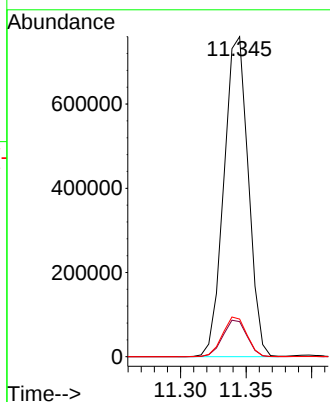
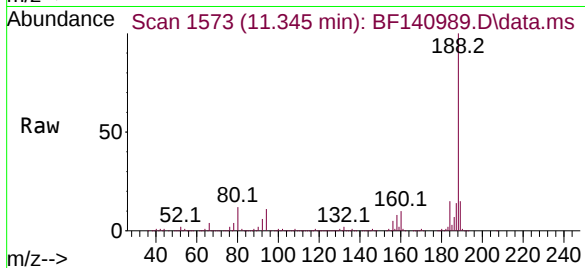
Tgt Ion:188 Resp: 982068

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 11.7 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: BF140989.D

Acq: 27 Dec 2024 11:48

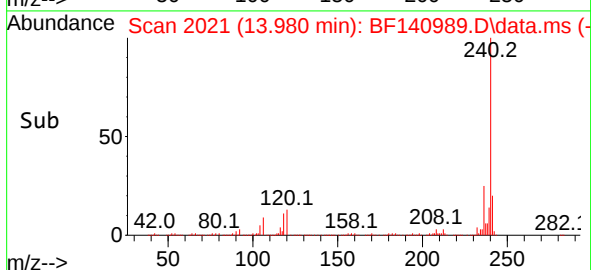
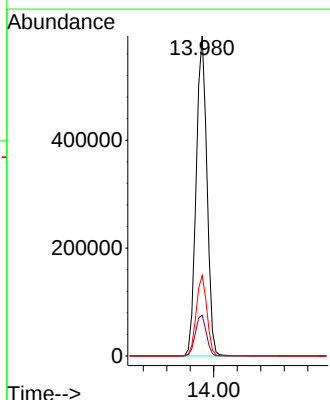
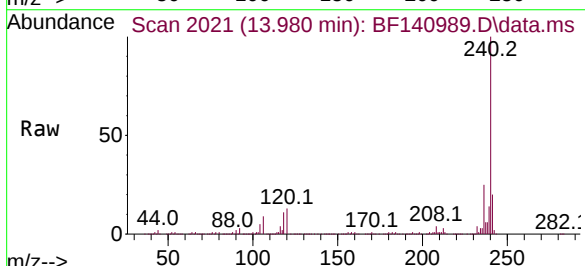
Tgt Ion:240 Resp: 752306

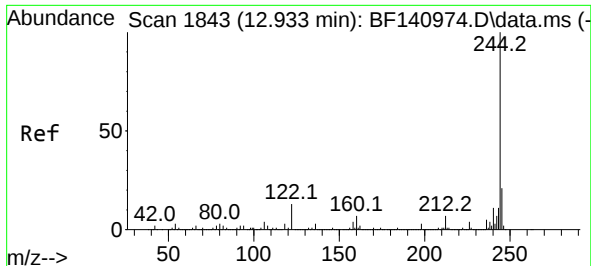
Ion Ratio Lower Upper

240 100

120 12.7 10.7 16.1

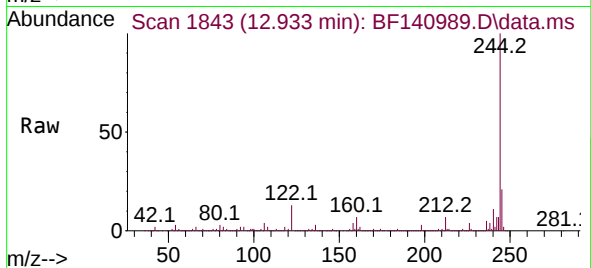
236 25.1 20.6 31.0



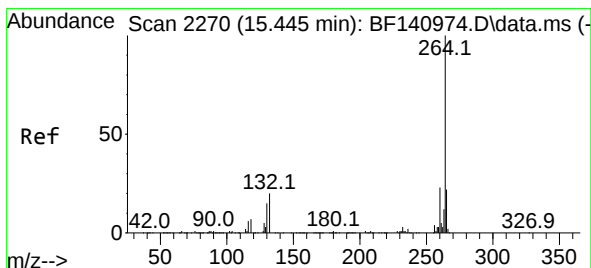
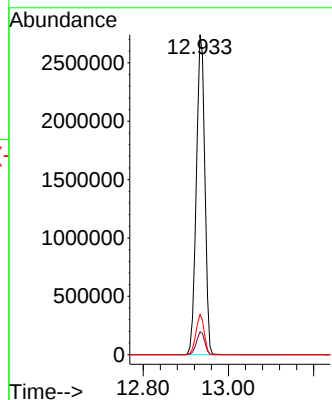
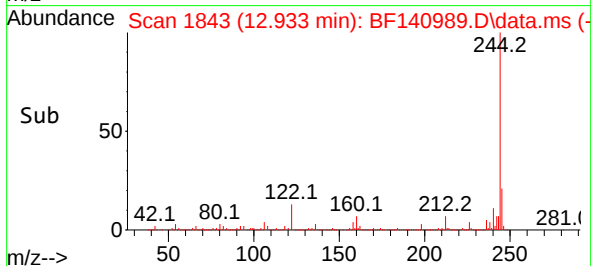


#79
 Terphenyl-d14
 Concen: 83.269 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140989.D
 Acq: 27 Dec 2024 11:48

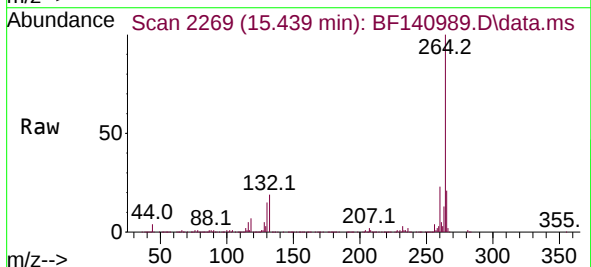
Instrument :
 BNA_F
 ClientSampleId :
 PB165814BL



Tgt Ion:244 Resp: 3771436
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.6 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: BF140989.D
 Acq: 27 Dec 2024 11:48



Tgt Ion:264 Resp: 594165
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.4 17.4 26.2

