

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140987.D
 Acq On : 27 Dec 2024 10:56
 Operator : RC/JU
 Sample : PB165748BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165748BL

Quant Time: Dec 27 11:33:11 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	273156	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1095600	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	584815	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	996764	20.000	ng	0.00
76) Chrysene-d12	13.980	240	757606	20.000	ng	0.00
86) Perylene-d12	15.451	264	586332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2474860	136.572	ng	0.01
7) Phenol-d6	6.445	99	3109311	133.195	ng	0.00
23) Nitrobenzene-d5	7.386	82	1953465	114.073	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	852034	149.935	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3384737	92.212	ng	0.00
79) Terphenyl-d14	12.933	244	4006267	87.834	ng	0.00

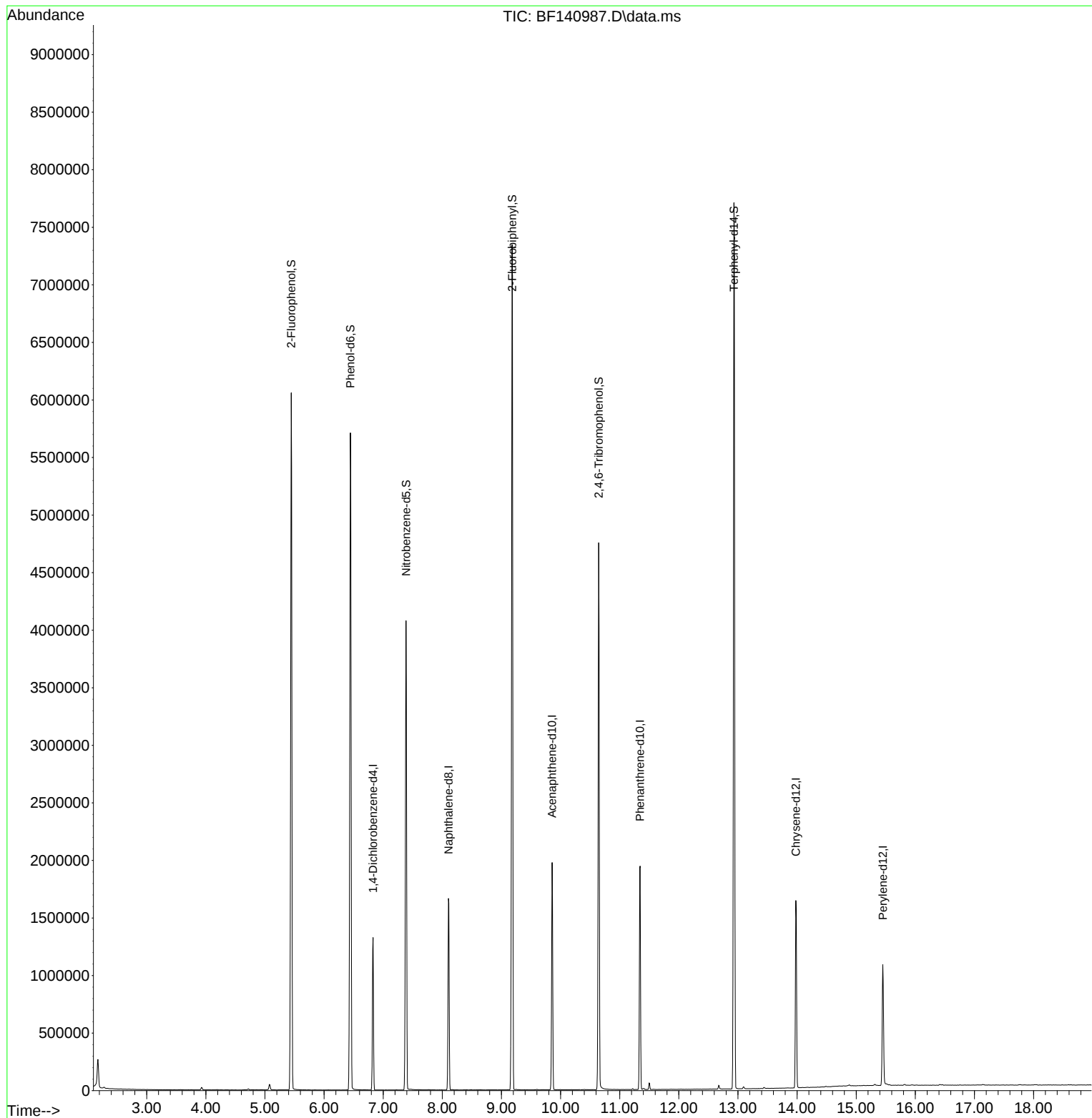
Target Compounds	Qvalue

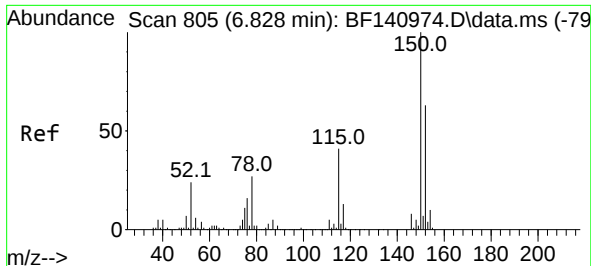
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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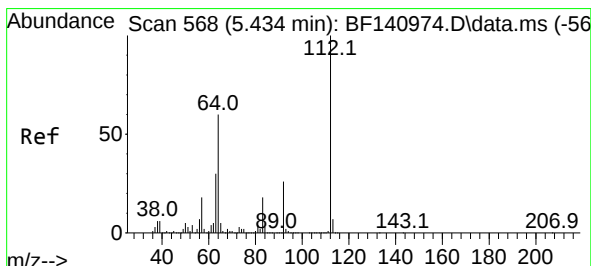
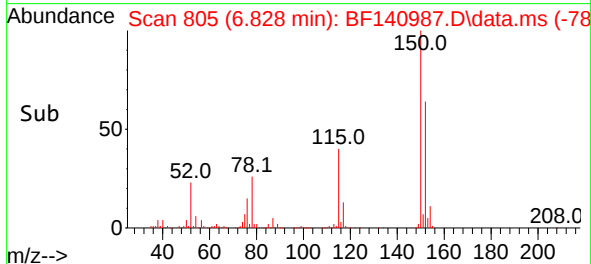
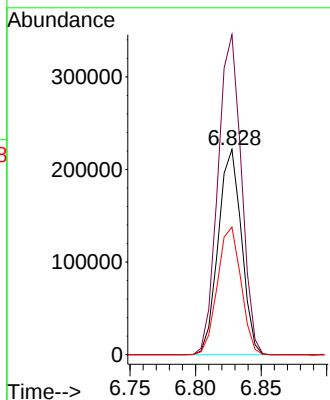
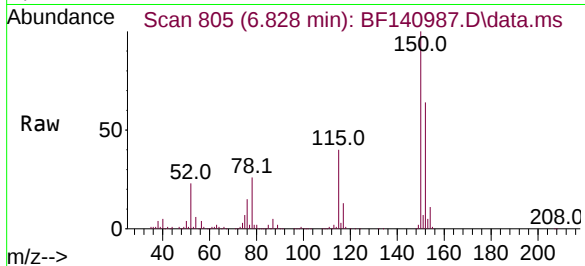




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140987.D
 Acq: 27 Dec 2024 10:56

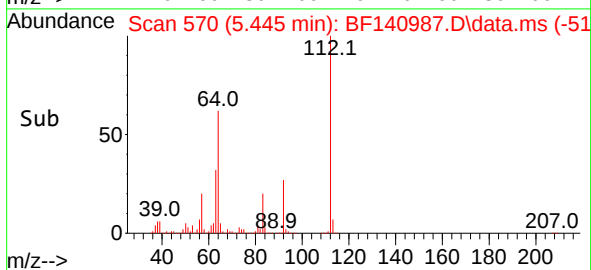
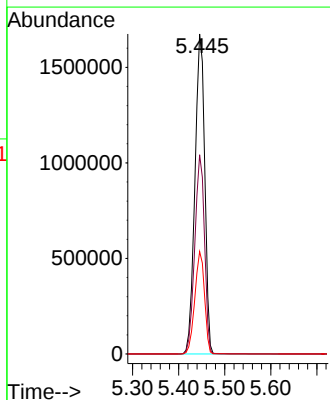
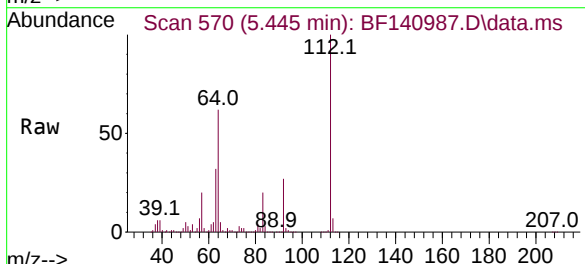
Instrument :
 BNA_F
 ClientSampleId :
 PB165748BL

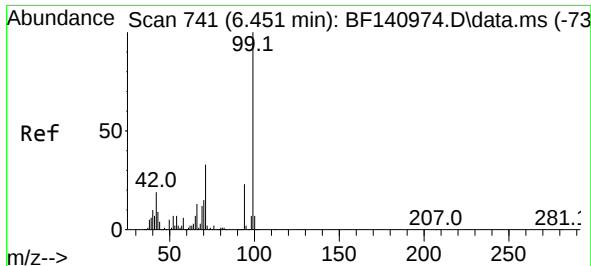
Tgt Ion:152 Resp: 273156
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 62.1 51.7 77.5



#5
 2-Fluorophenol
 Concen: 136.572 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140987.D
 Acq: 27 Dec 2024 10:56

Tgt Ion:112 Resp: 2474860
 Ion Ratio Lower Upper
 112 100
 64 62.3 47.7 71.5
 63 32.0 24.2 36.2

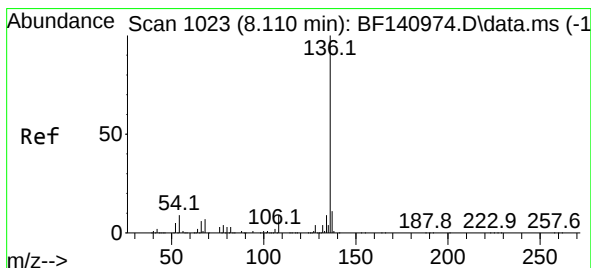
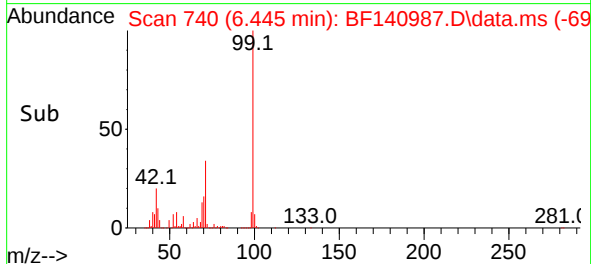
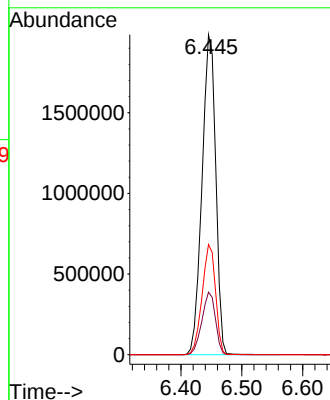
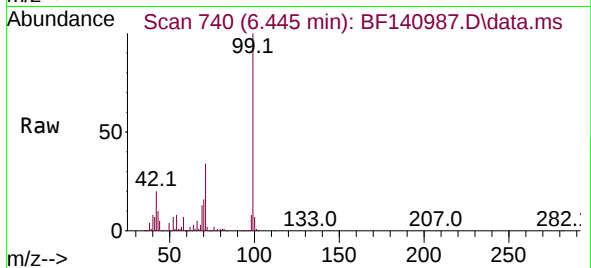




#7
Phenol-d6
Concen: 133.195 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

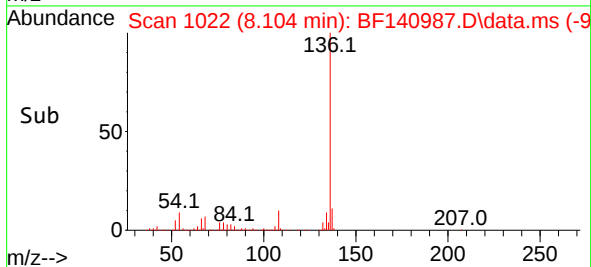
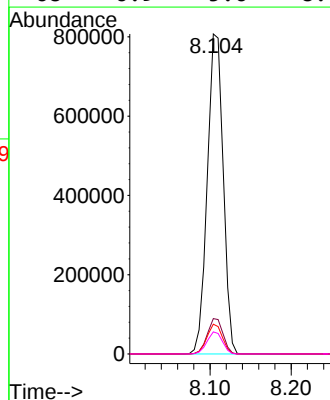
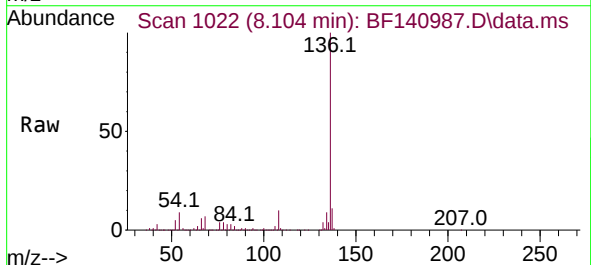
Instrument :
BNA_F
ClientSampleId :
PB165748BL

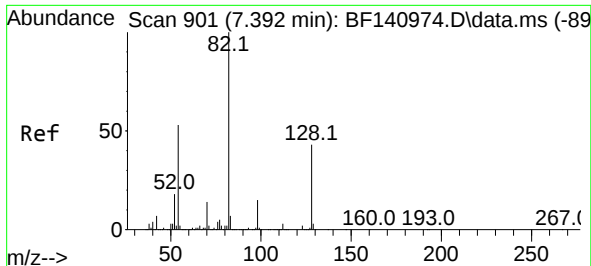
Tgt Ion: 99 Resp: 3109311
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion: 136 Resp: 1095600
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.3 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 114.073 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

Instrument :

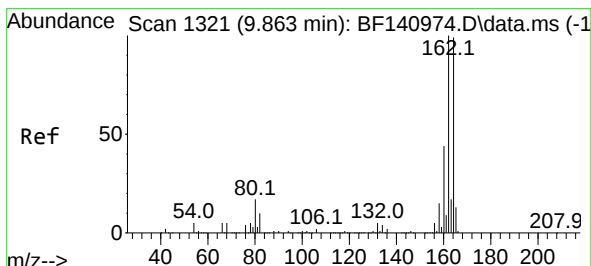
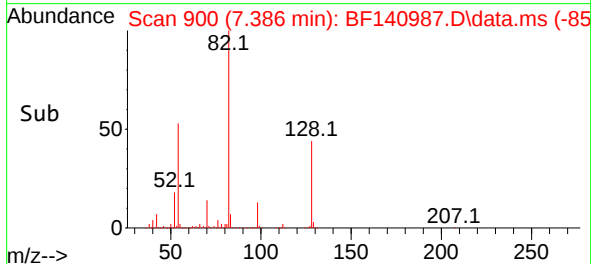
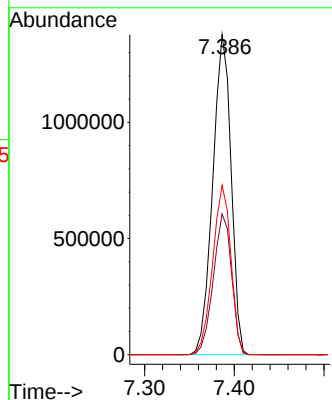
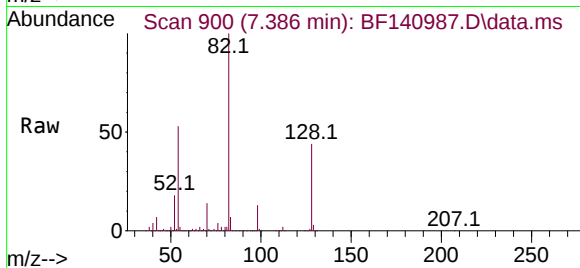
BNA_F

ClientSampleId :

PB165748BL

Tgt Ion: 82 Resp: 1953465

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.4	51.6
54	52.9	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

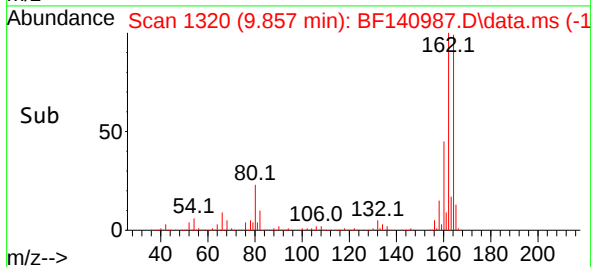
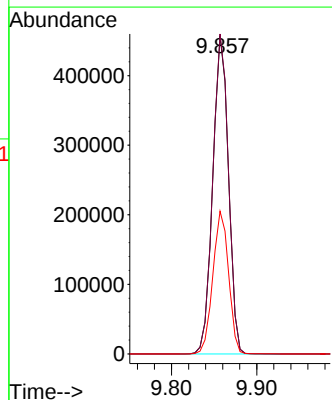
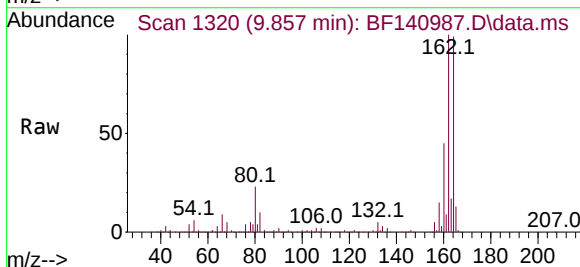
Delta R.T. -0.006 min

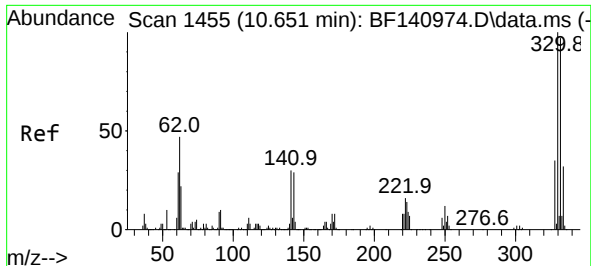
Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

Tgt Ion: 164 Resp: 584815

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	44.9	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 149.935 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140987.D

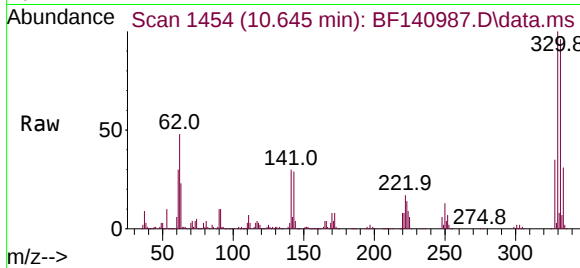
Acq: 27 Dec 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165748BL



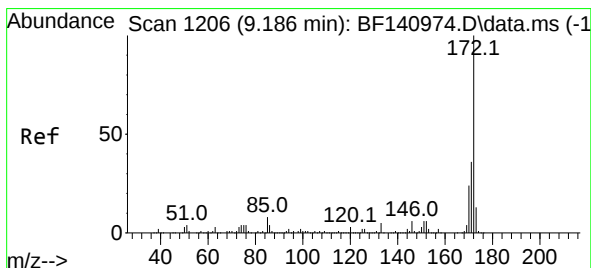
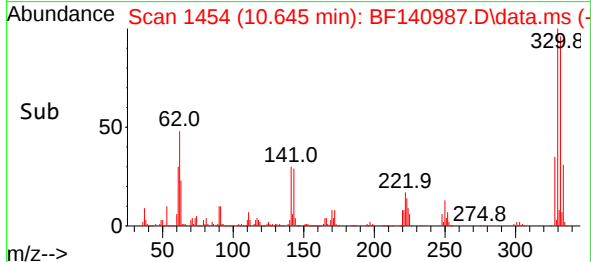
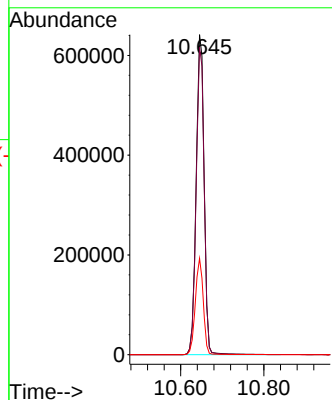
Tgt Ion:330 Resp: 852034

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 30.1 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 92.212 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

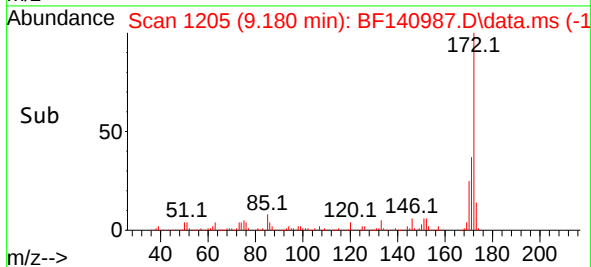
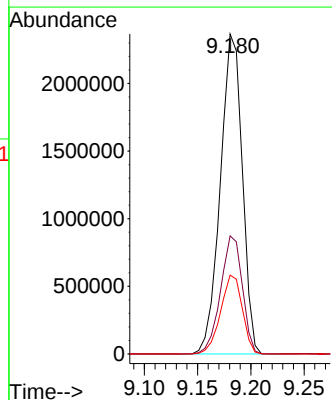
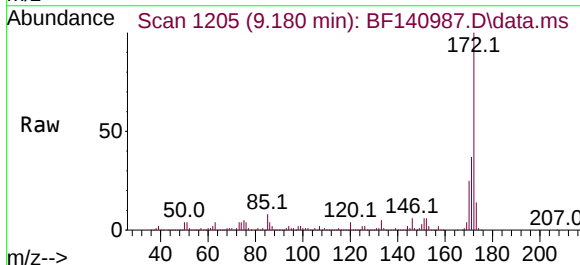
Tgt Ion:172 Resp: 3384737

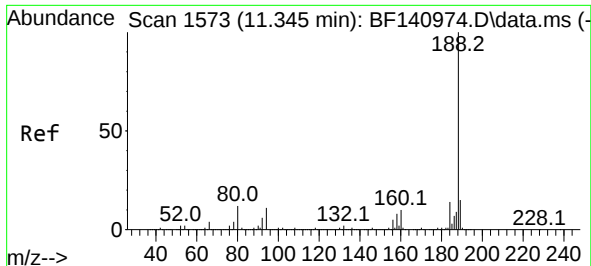
Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

170 24.6 19.6 29.4

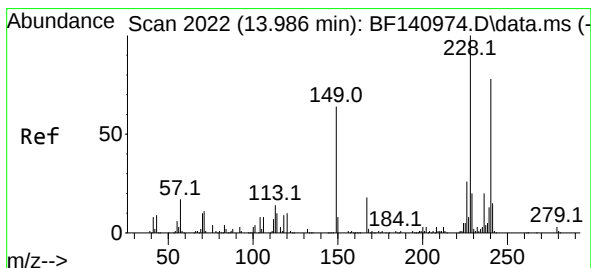
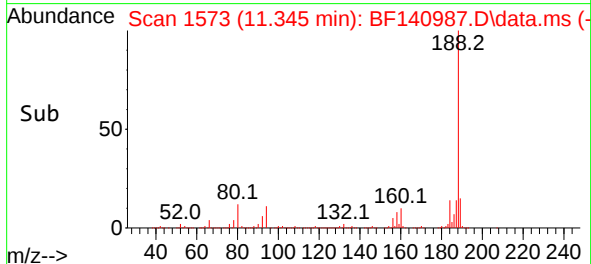
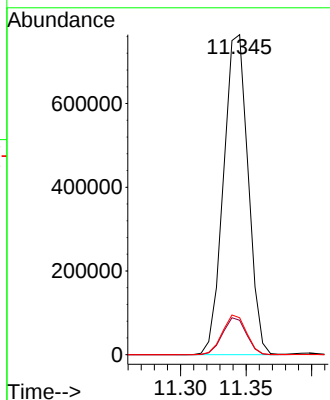
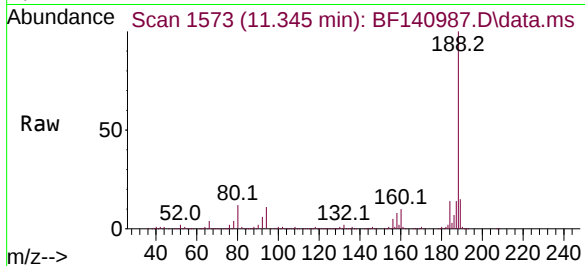




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

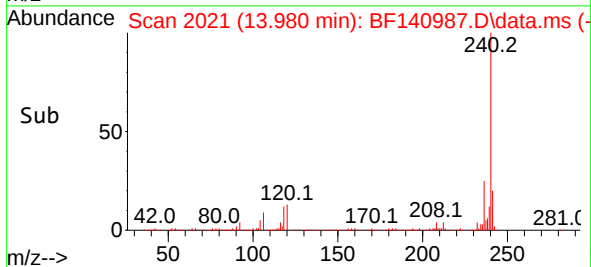
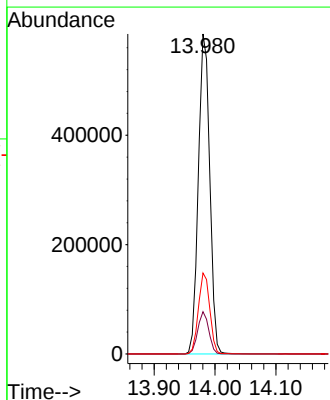
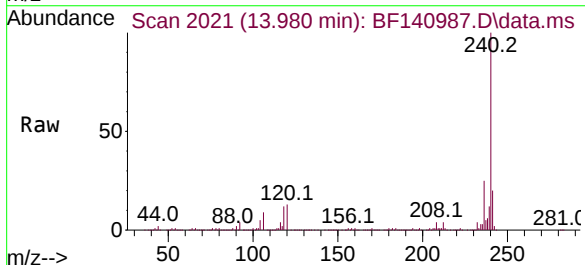
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BNA_F
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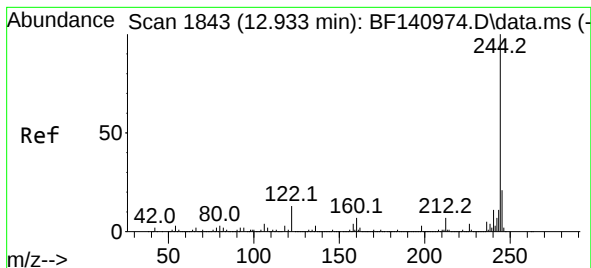
Tgt Ion:188 Resp: 996764
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140987.D
Acq: 27 Dec 2024 10:56

Tgt Ion:240 Resp: 757606
Ion Ratio Lower Upper
240 100
120 13.2 10.7 16.1
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 87.834 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140987.D

Acq: 27 Dec 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165748BL

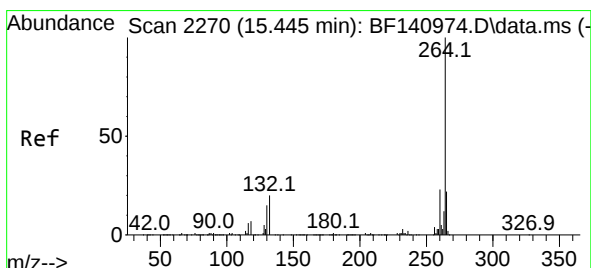
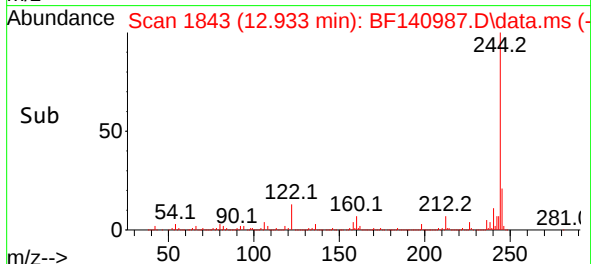
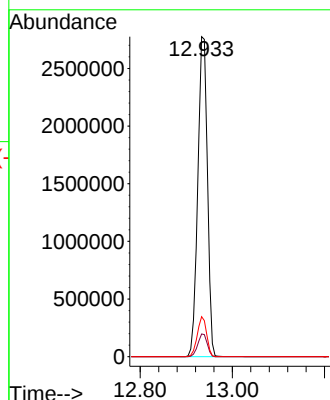
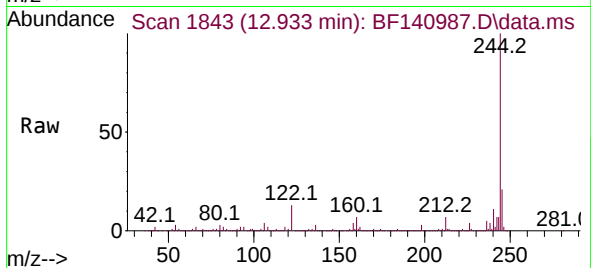
Tgt Ion:244 Resp: 4006267

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.5 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: BF140987.D

Acq: 27 Dec 2024 10:56

Tgt Ion:264 Resp: 586332

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.5 17.4 26.2

