

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140991.D
 Acq On : 27 Dec 2024 12:41
 Operator : RC/JU
 Sample : PB165845BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165845BL

Quant Time: Dec 27 13:20:49 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	256406	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1039756	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	551936	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	932287	20.000	ng	0.00
76) Chrysene-d12	13.980	240	692897	20.000	ng	0.00
86) Perylene-d12	15.439	264	548204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2391563	140.597	ng	0.01
7) Phenol-d6	6.445	99	2962839	135.212	ng	0.00
23) Nitrobenzene-d5	7.386	82	1889559	116.268	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	814782	151.921	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3288344	94.923	ng	0.00
79) Terphenyl-d14	12.933	244	3768462	90.337	ng	0.00

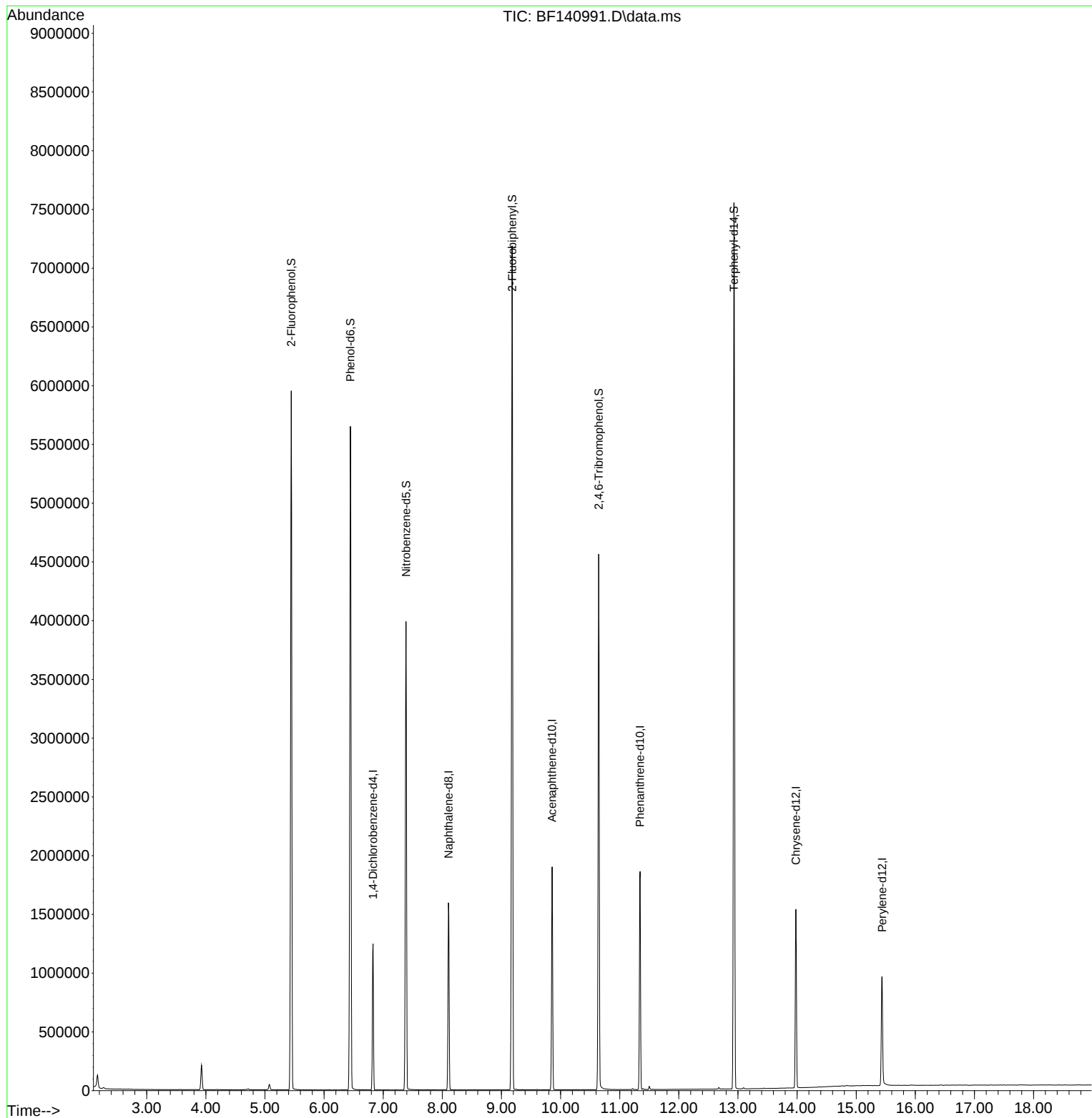
Target Compounds	Qvalue

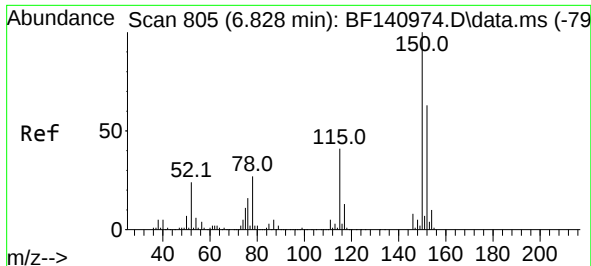
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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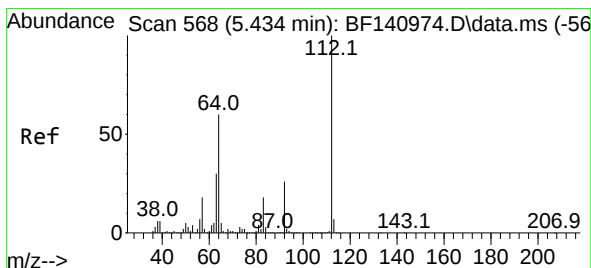
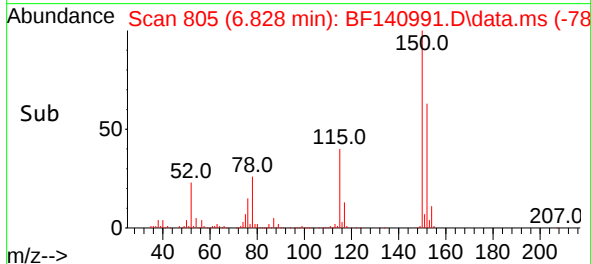
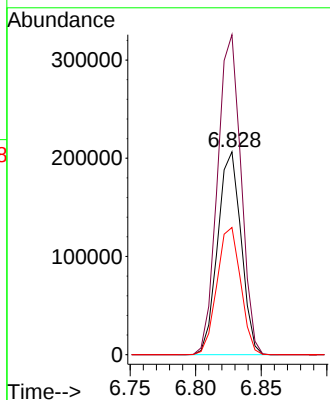
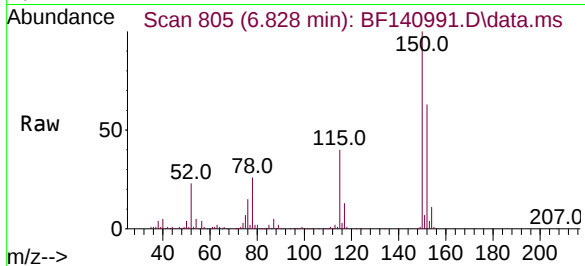




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140991.D
 Acq: 27 Dec 2024 12:41

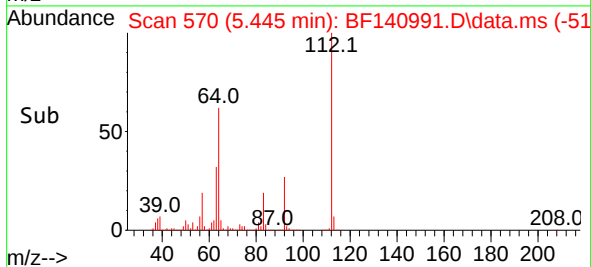
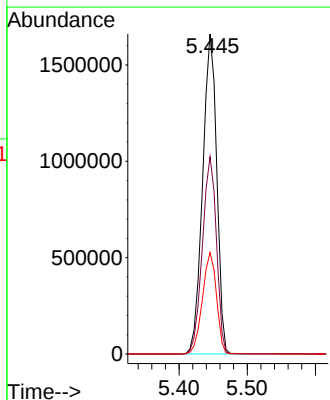
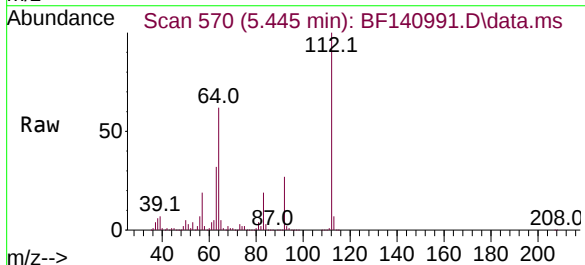
Instrument :
 BNA_F
 ClientSampleId :
 PB165845BL

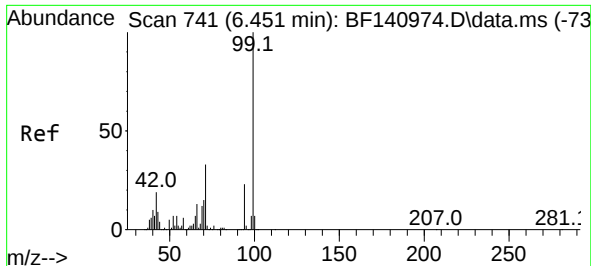
Tgt Ion:152 Resp: 256406
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.0 190.6
 115 62.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 140.597 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140991.D
 Acq: 27 Dec 2024 12:41

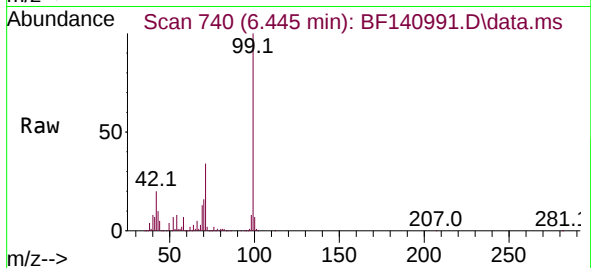
Tgt Ion:112 Resp: 2391563
 Ion Ratio Lower Upper
 112 100
 64 61.7 47.7 71.5
 63 31.7 24.2 36.2





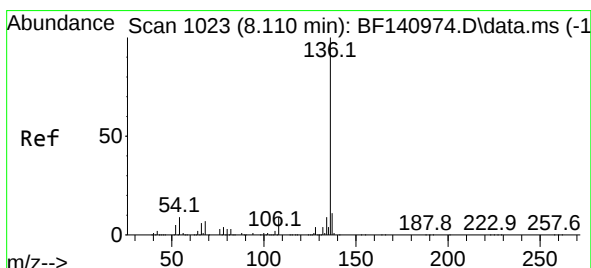
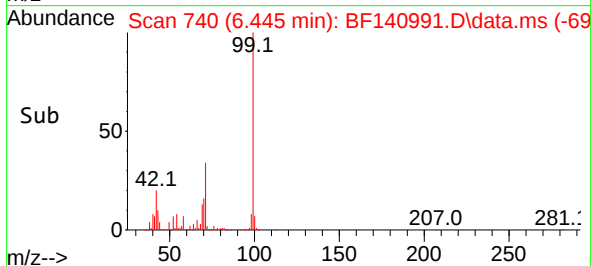
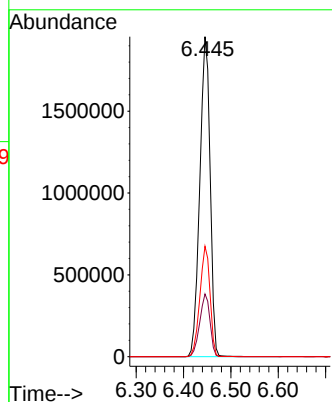
#7
Phenol-d6
Concen: 135.212 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165845BL



Tgt Ion: 99 Resp: 2962839

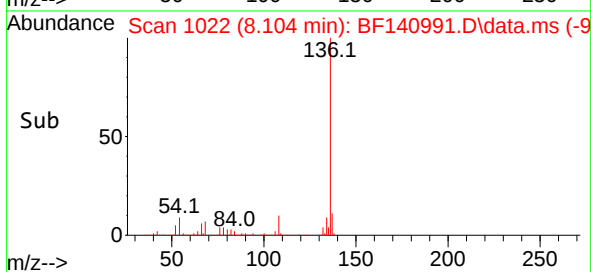
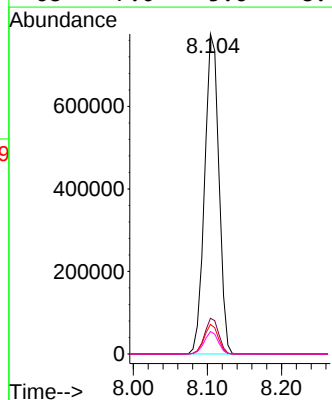
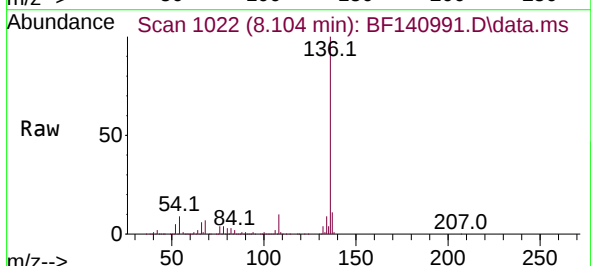
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	34.5	26.2	39.2

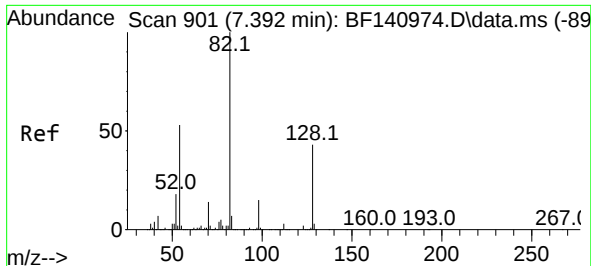


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion: 136 Resp: 1039756

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.3	7.6	11.4
68	7.0	5.6	8.4





#23

Nitrobenzene-d5

Concen: 116.268 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

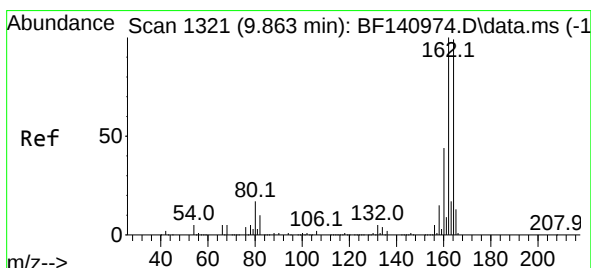
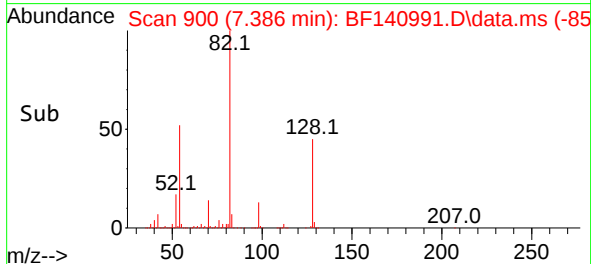
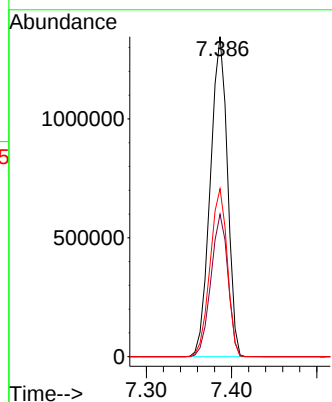
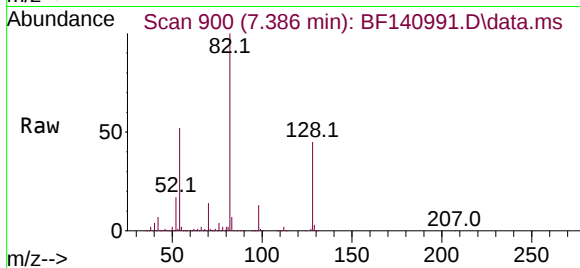
BNA_F

ClientSampleId :

PB165845BL

Tgt Ion: 82 Resp: 1889559

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	52.5	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

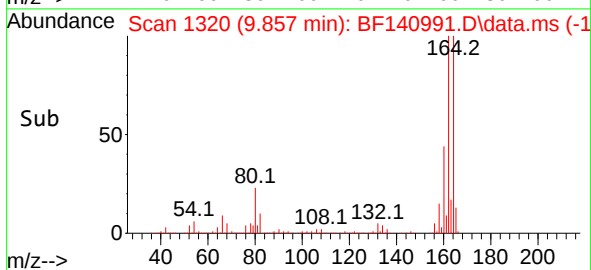
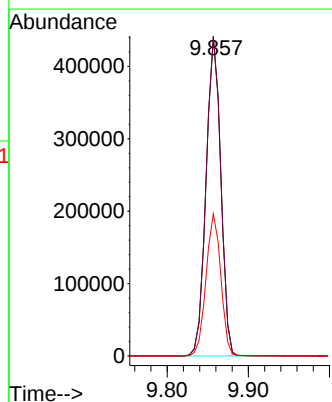
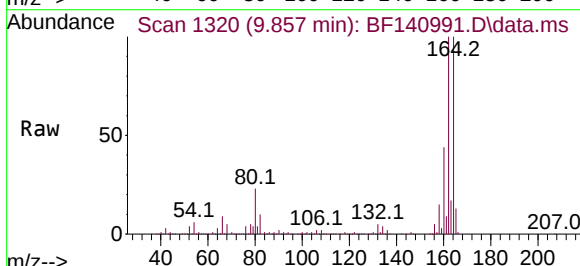
Delta R.T. -0.006 min

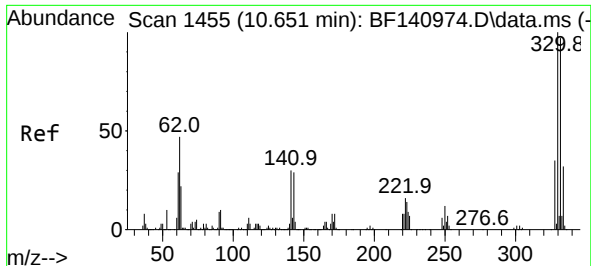
Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Tgt Ion: 164 Resp: 551936

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 151.921 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

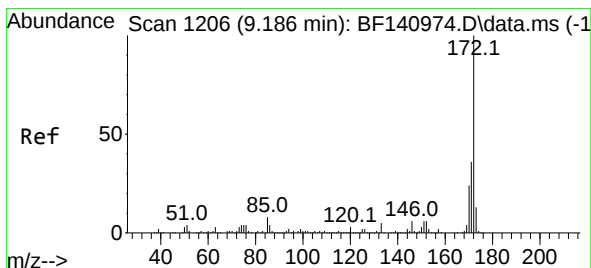
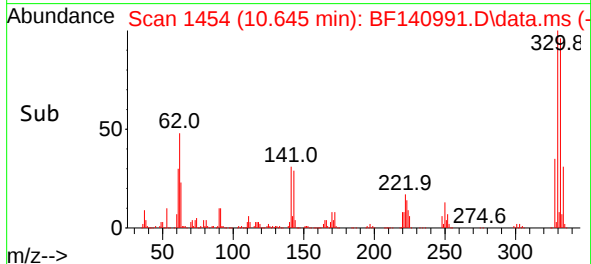
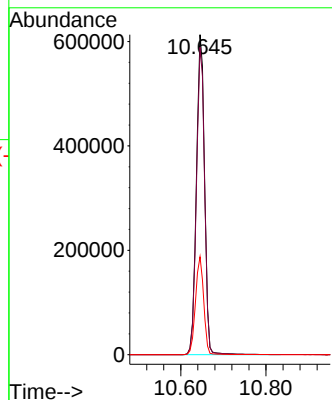
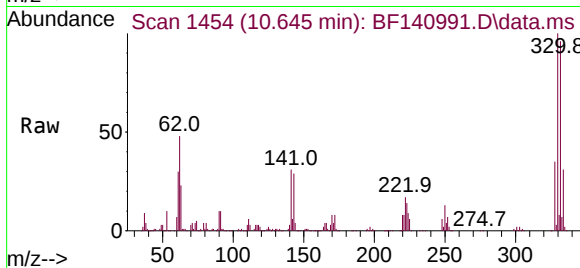
Tgt Ion:330 Resp: 814782

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 30.8 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 94.923 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

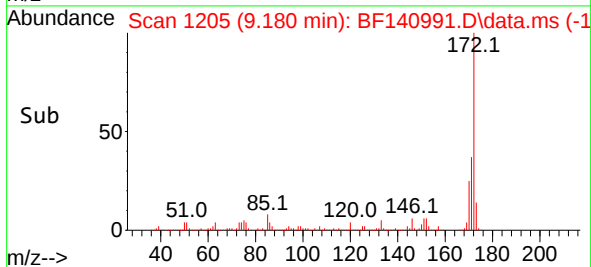
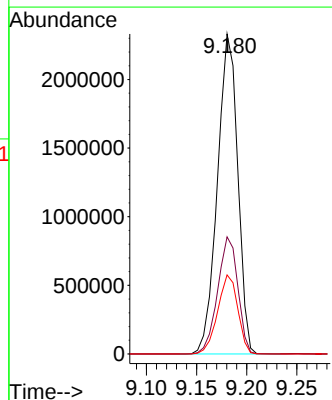
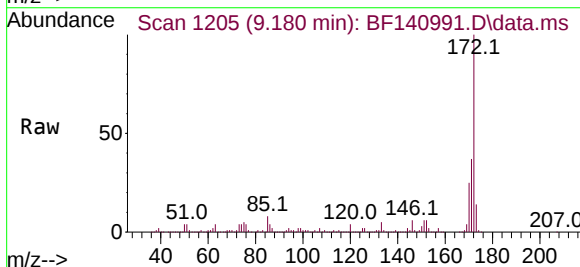
Tgt Ion:172 Resp: 3288344

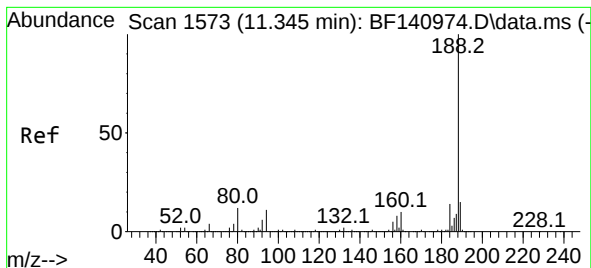
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.7 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: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

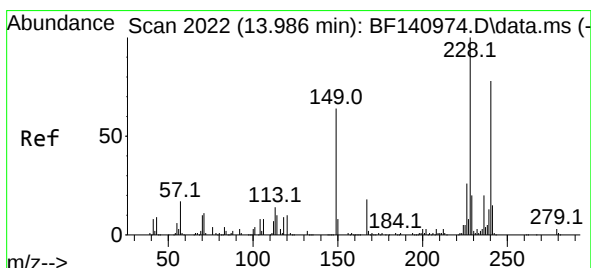
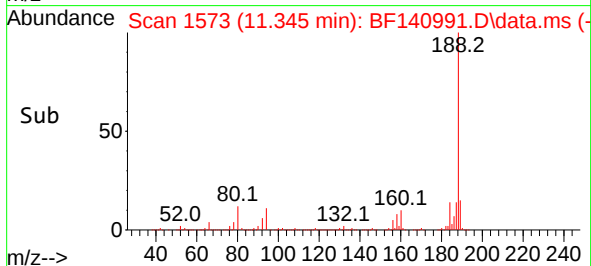
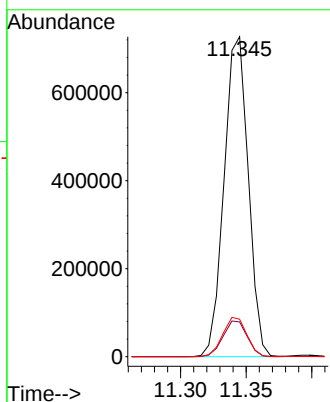
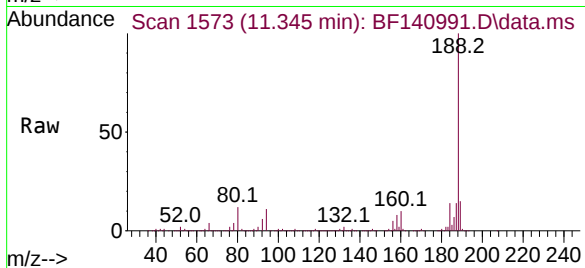
Tgt Ion:188 Resp: 932287

Ion Ratio Lower Upper

188 100

94 10.8 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: BF140991.D

Acq: 27 Dec 2024 12:41

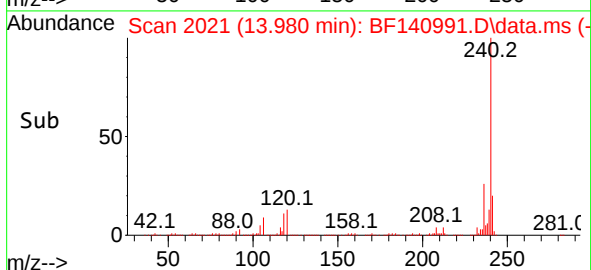
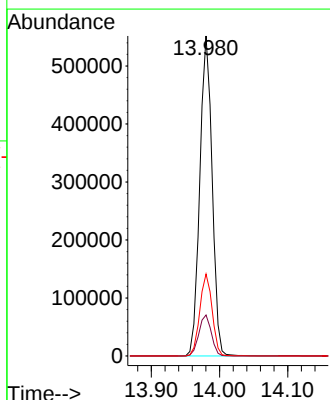
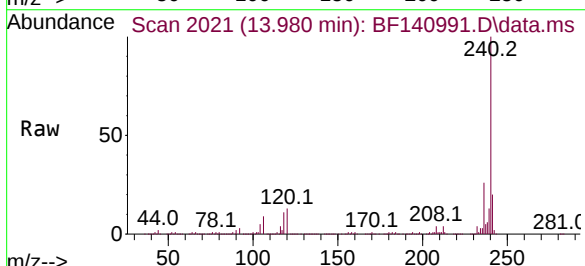
Tgt Ion:240 Resp: 692897

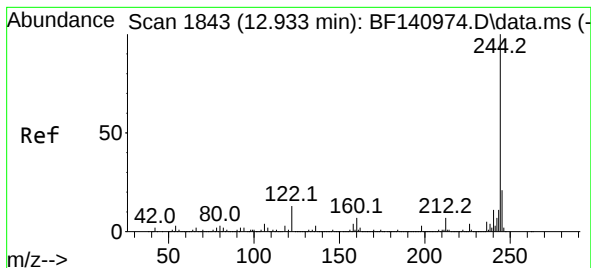
Ion Ratio Lower Upper

240 100

120 12.8 10.7 16.1

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 90.337 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

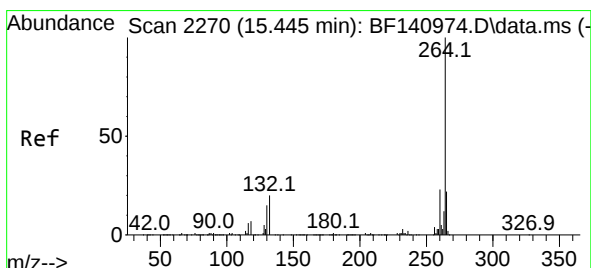
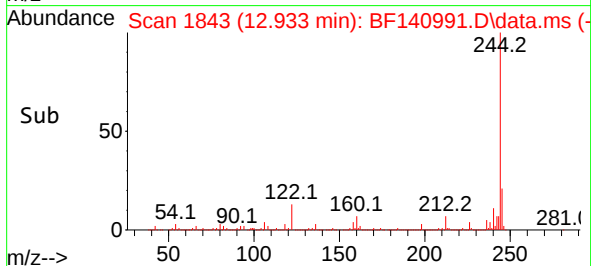
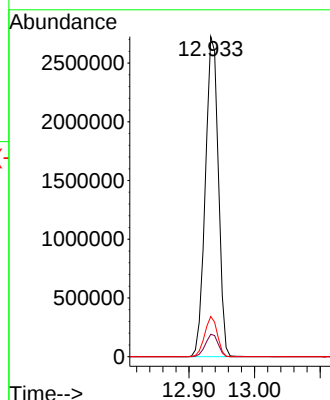
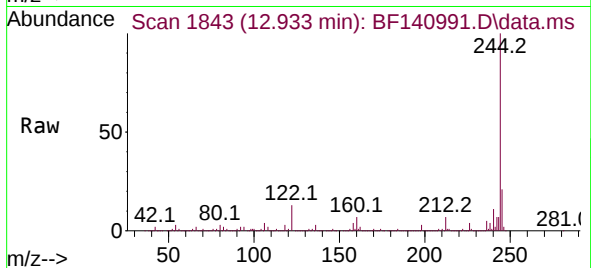
Tgt Ion:244 Resp: 3768462

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.5 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: BF140991.D

Acq: 27 Dec 2024 12:41

Tgt Ion:264 Resp: 548204

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.4 26.2

