

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141032.D
 Acq On : 30 Dec 2024 15:47
 Operator : RC/JU
 Sample : PB165900BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165900BL

Quant Time: Dec 30 16:23:55 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	267196	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1068855	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	582448	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	998523	20.000	ng	0.00
76) Chrysene-d12	13.980	240	774271	20.000	ng	0.00
86) Perylene-d12	15.445	264	614257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2330403	131.469	ng	0.01
7) Phenol-d6	6.445	99	2887867	126.468	ng	0.00
23) Nitrobenzene-d5	7.387	82	1858981	111.272	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	899240	158.885	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3302789	90.345	ng	0.00
79) Terphenyl-d14	12.933	244	3982943	85.444	ng	0.00

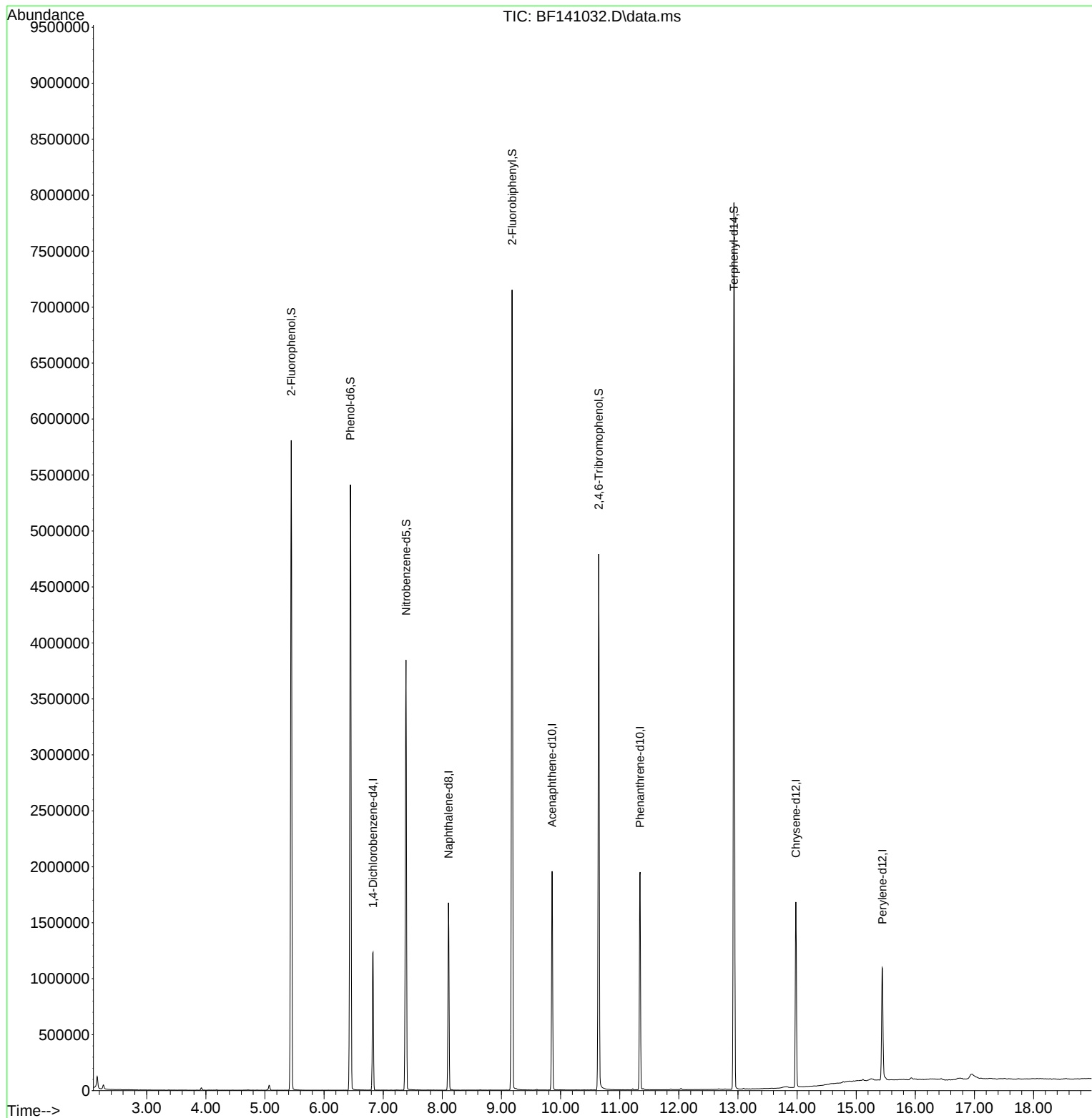
Target Compounds	Qvalue

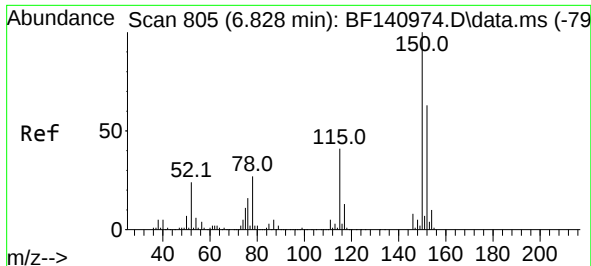
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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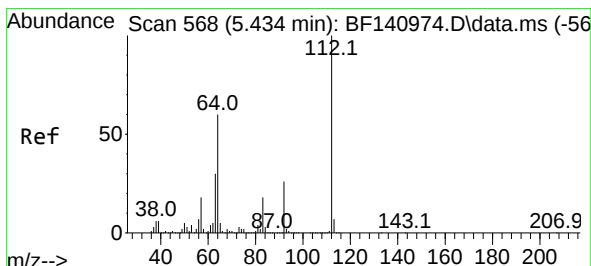
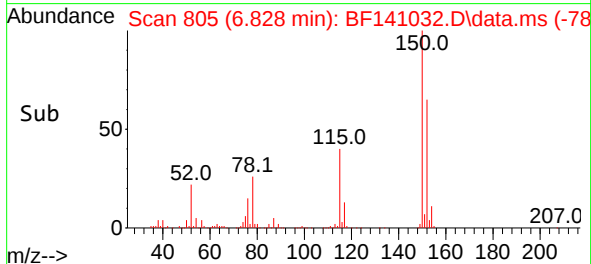
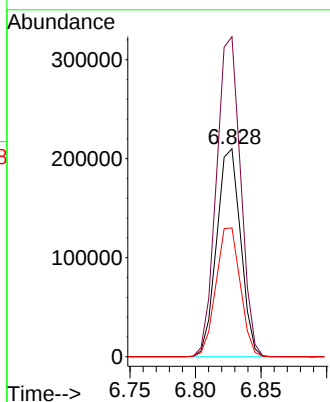
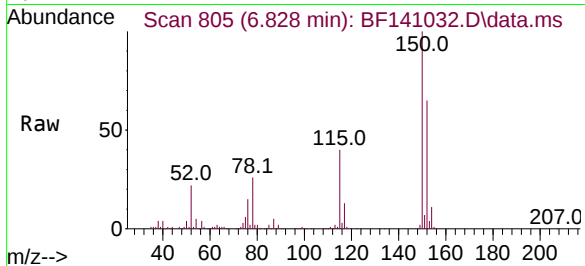




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141032.D
 Acq: 30 Dec 2024 15:47

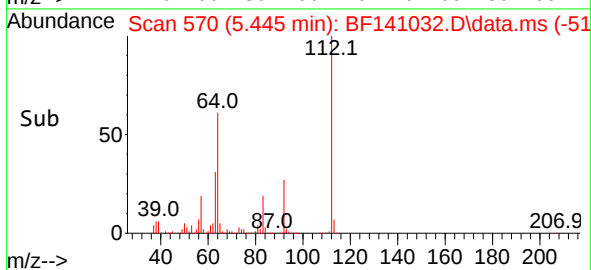
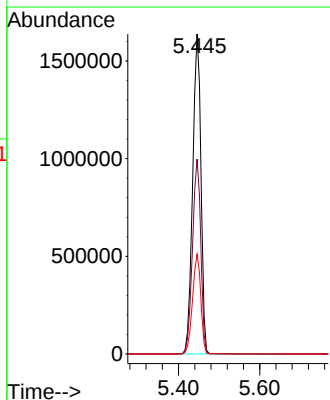
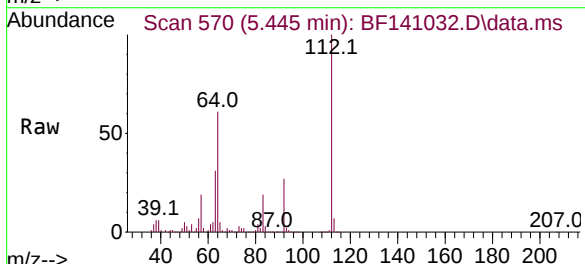
Instrument :
 BNA_F
 ClientSampleId :
 PB165900BL

Tgt Ion:152 Resp: 267196
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.0 190.6
 115 61.9 51.7 77.5



#5
 2-Fluorophenol
 Concen: 131.469 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141032.D
 Acq: 30 Dec 2024 15:47

Tgt Ion:112 Resp: 2330403
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.7 71.5
 63 31.1 24.2 36.2



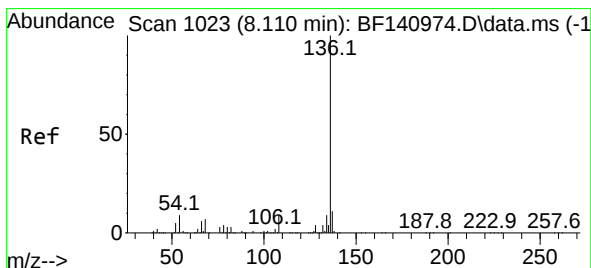
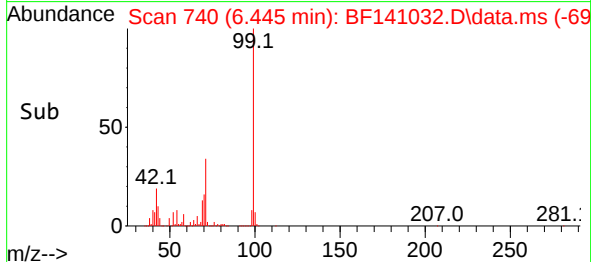
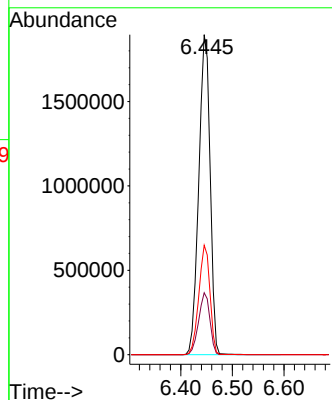
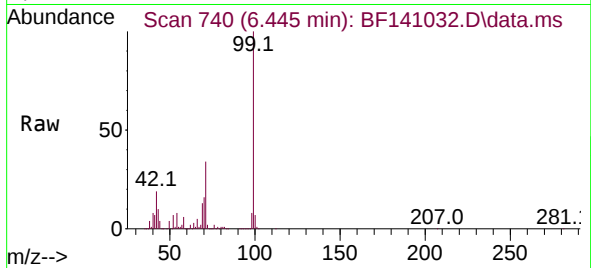


#7
Phenol-d6
Concen: 126.468 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141032.D
Acq: 30 Dec 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB165900BL

Tgt Ion: 99 Resp: 2887867

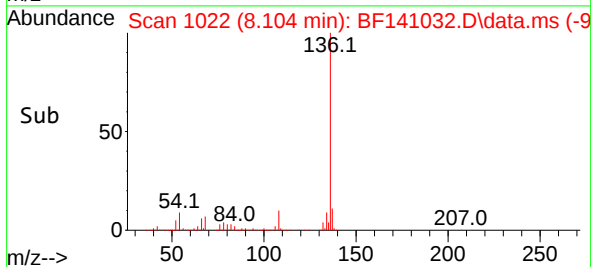
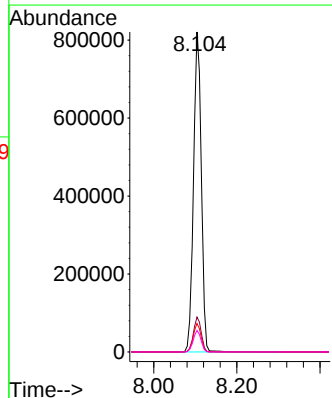
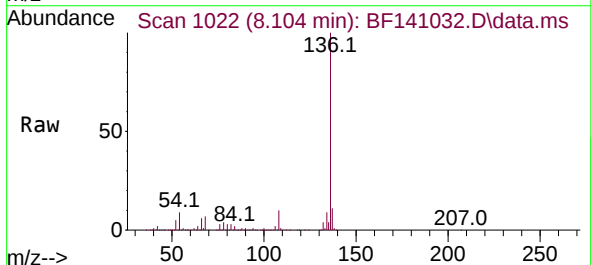
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	34.2	26.2	39.2

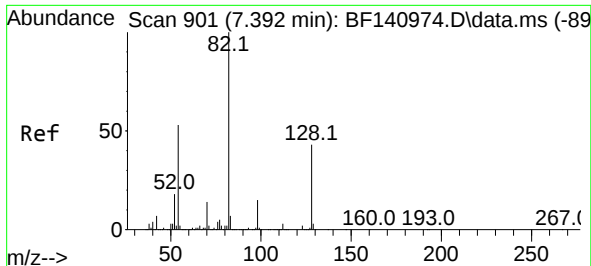


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141032.D
Acq: 30 Dec 2024 15:47

Tgt Ion: 136 Resp: 1068855

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.9	7.6	11.4
68	6.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 111.272 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141032.D

Acq: 30 Dec 2024 15:47

Instrument :

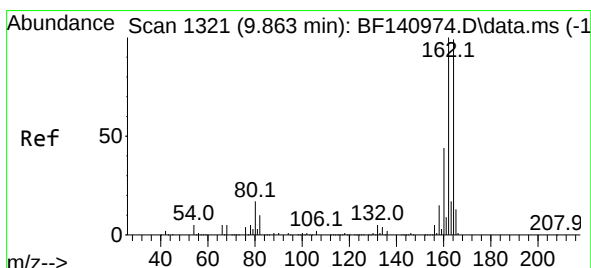
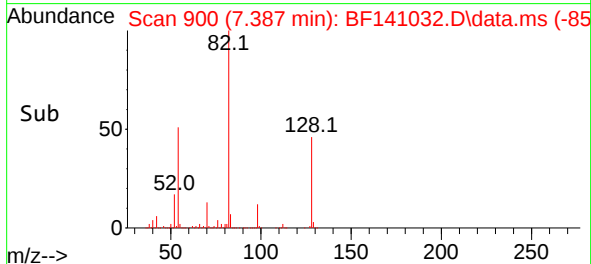
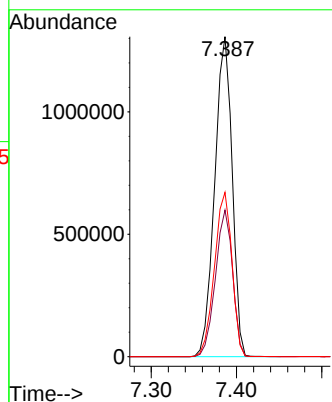
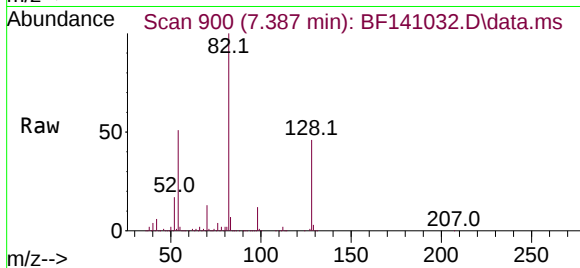
BNA_F

ClientSampleId :

PB165900BL

Tgt Ion: 82 Resp: 1858981

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.4	51.6
54	51.3	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

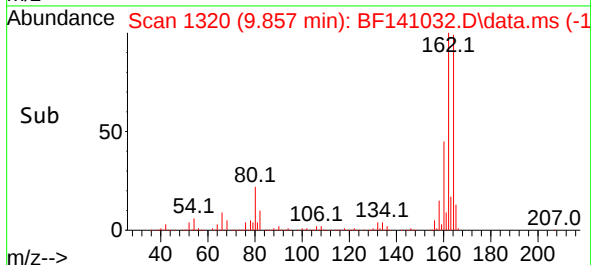
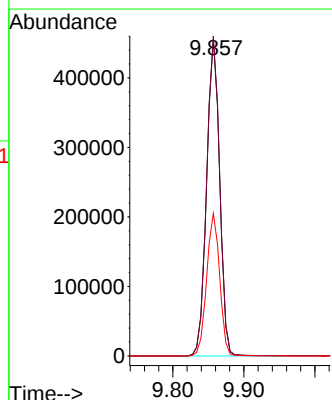
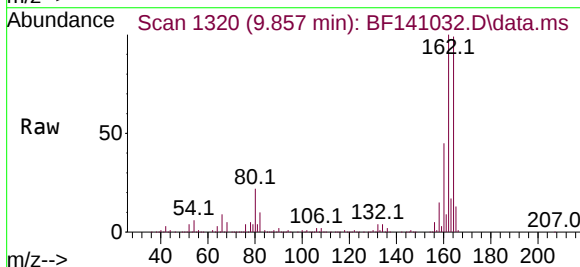
Delta R.T. -0.006 min

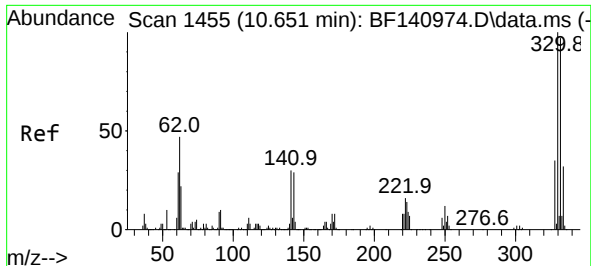
Lab File: BF141032.D

Acq: 30 Dec 2024 15:47

Tgt Ion: 164 Resp: 582448

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.9	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 158.885 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141032.D

Acq: 30 Dec 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB165900BL

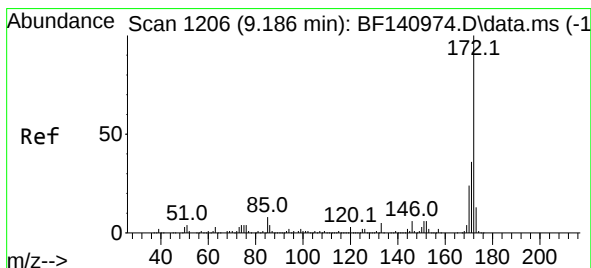
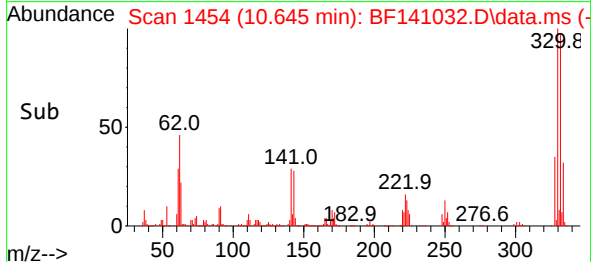
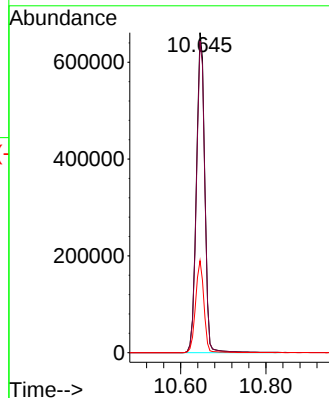
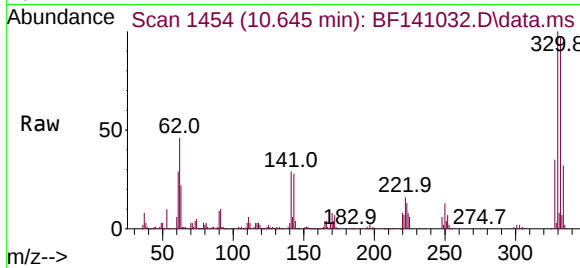
Tgt Ion:330 Resp: 899240

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 28.8 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 90.345 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141032.D

Acq: 30 Dec 2024 15:47

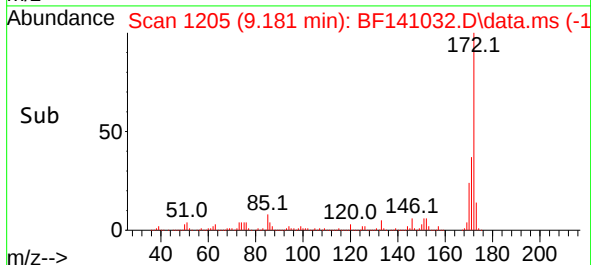
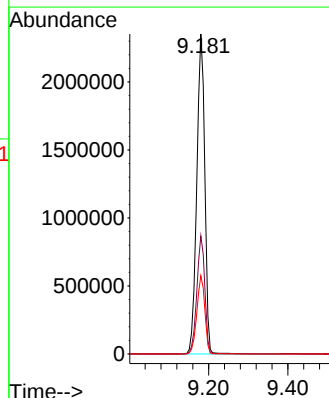
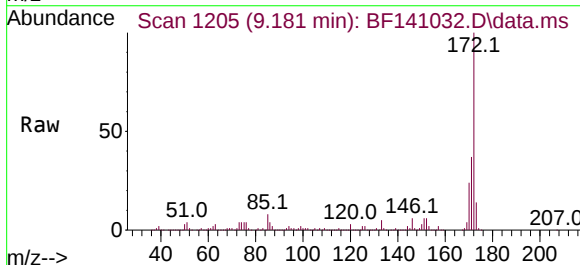
Tgt Ion:172 Resp: 3302789

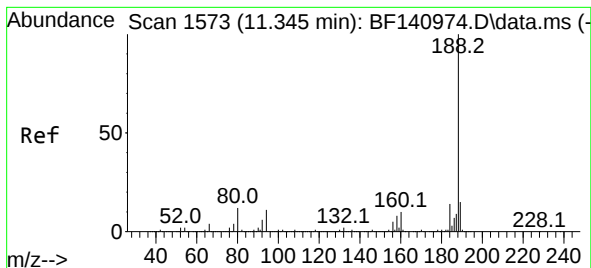
Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

170 24.4 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: BF141032.D

Acq: 30 Dec 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB165900BL

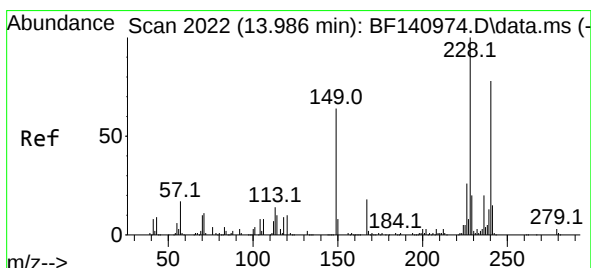
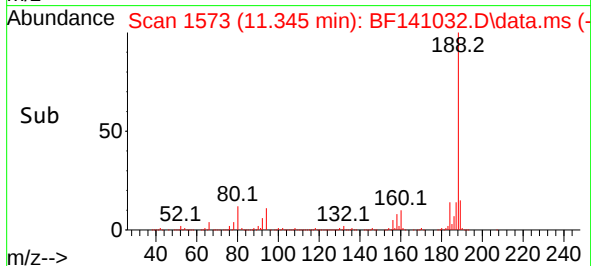
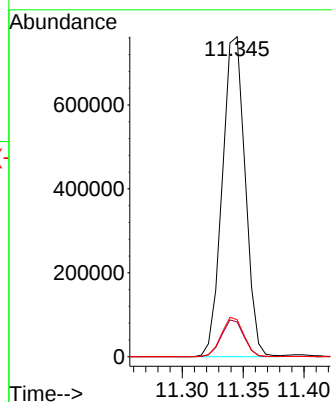
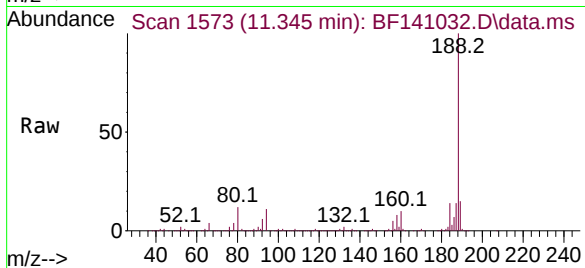
Tgt Ion:188 Resp: 998523

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.5 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: BF141032.D

Acq: 30 Dec 2024 15:47

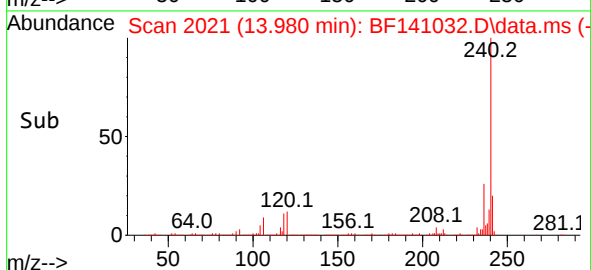
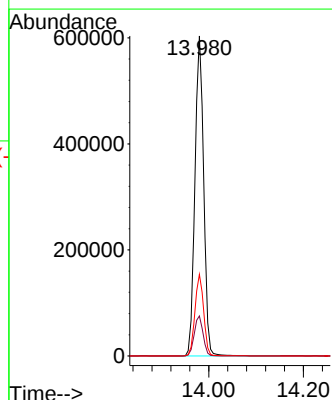
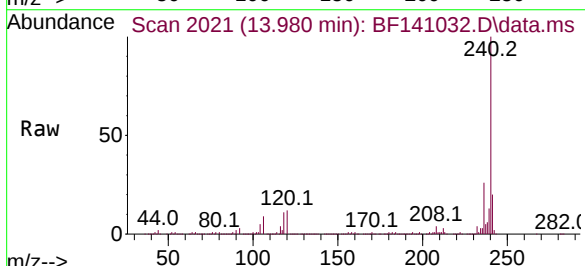
Tgt Ion:240 Resp: 774271

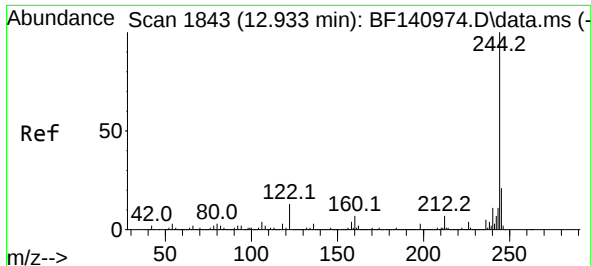
Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

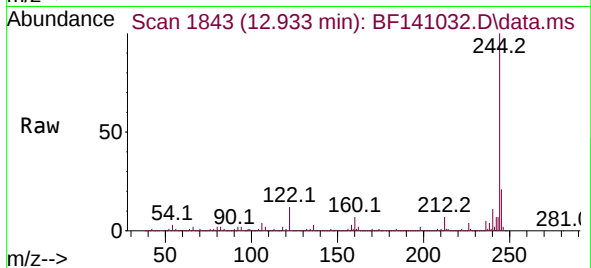
236 25.5 20.6 31.0



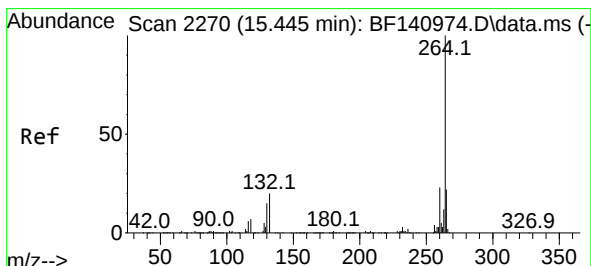
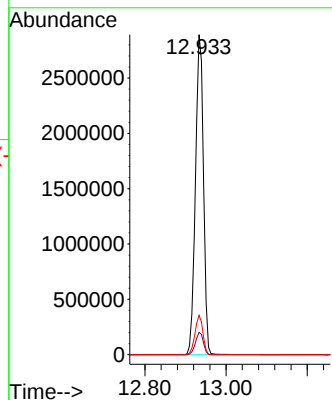
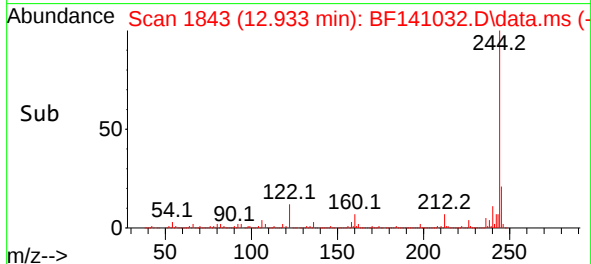


#79
 Terphenyl-d14
 Concen: 85.444 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141032.D
 Acq: 30 Dec 2024 15:47

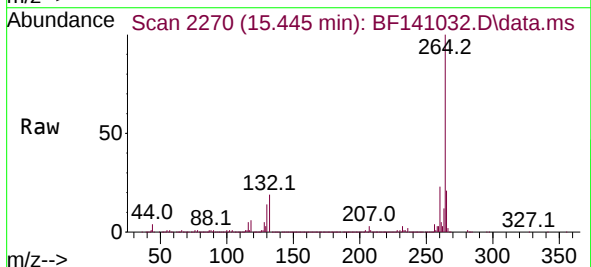
Instrument :
 BNA_F
 ClientSampleId :
 PB165900BL



Tgt Ion:244 Resp: 3982943
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.3 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF141032.D
 Acq: 30 Dec 2024 15:47



Tgt Ion:264 Resp: 614257
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.4 17.4 26.2

