

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140982.D
 Acq On : 27 Dec 2024 08:45
 Operator : RC/JU
 Sample : PB165790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

Quant Time: Dec 27 10:37:27 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	286427	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1149989	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	613896	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1098737	20.000	ng	0.00
76) Chrysene-d12	13.980	240	877394	20.000	ng	0.00
86) Perylene-d12	15.439	264	775617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2410308	126.847	ng	0.01
7) Phenol-d6	6.445	99	3010020	122.967	ng	0.00
23) Nitrobenzene-d5	7.386	82	1861605	103.568	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	829868	139.117	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3367720	87.402	ng	0.00
79) Terphenyl-d14	12.939	244	4014152	75.992	ng	0.00

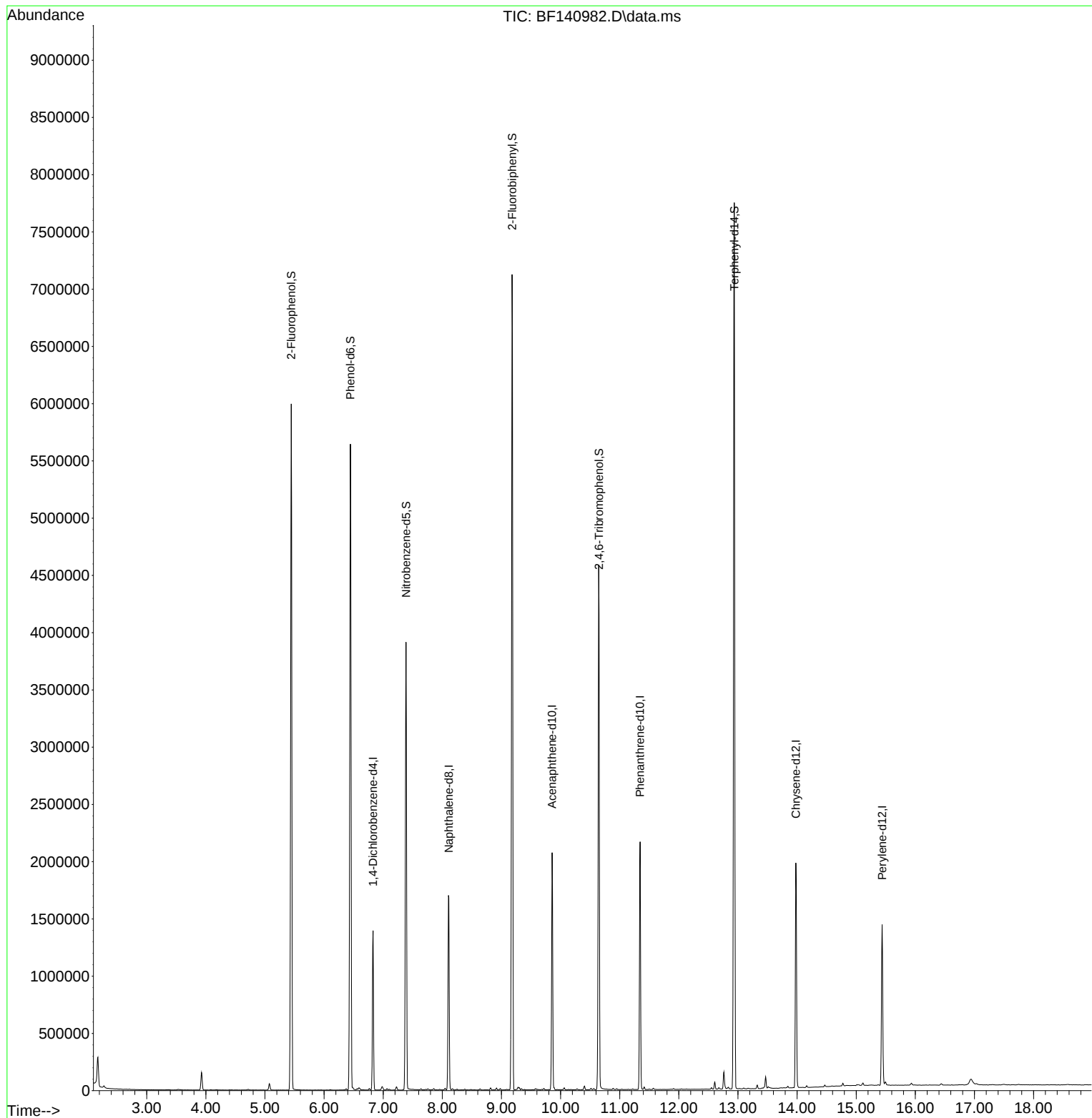
Target Compounds	Qvalue

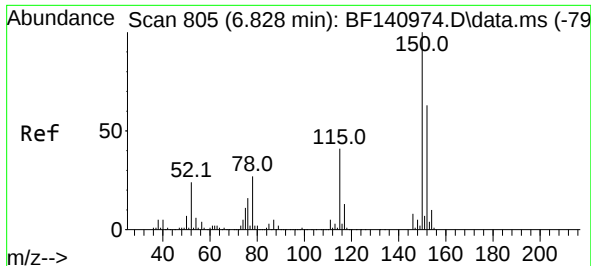
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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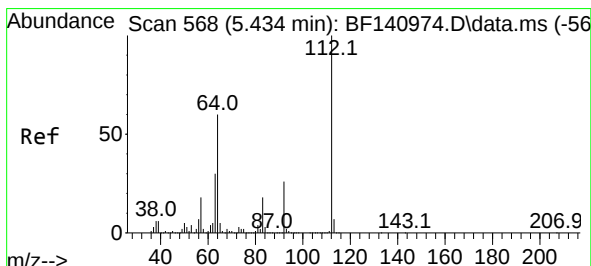
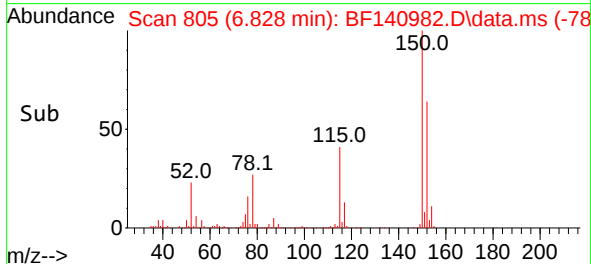
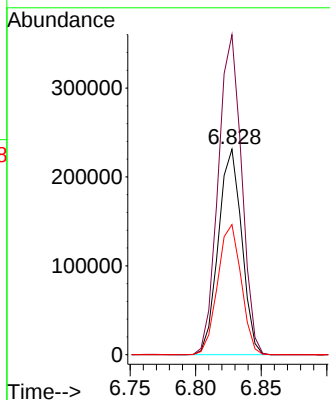
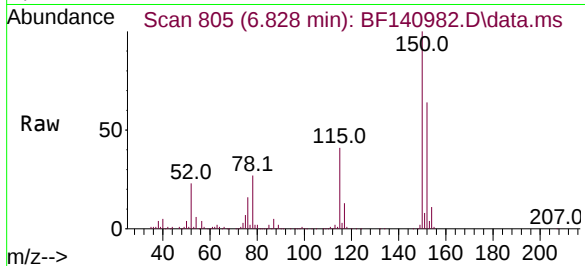




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF140982.D
 Acq: 27 Dec 2024 08:45

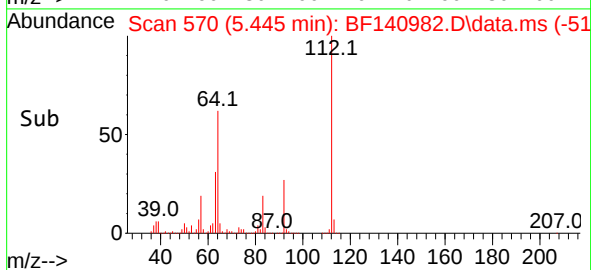
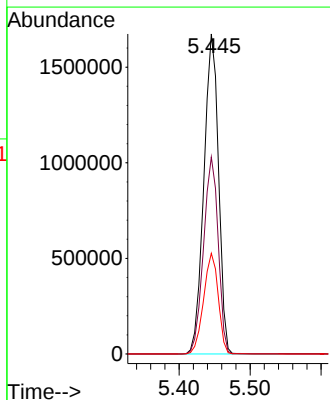
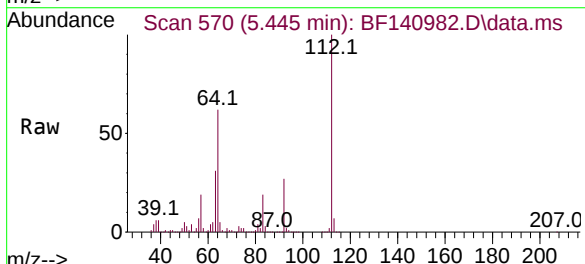
Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

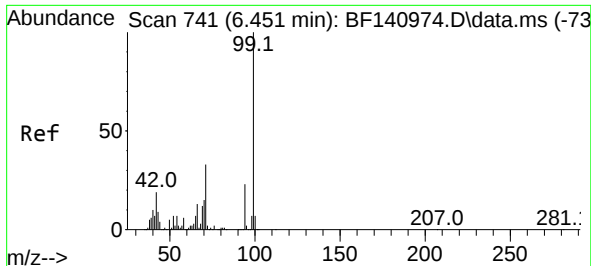
Tgt Ion:152 Resp: 286427
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.0 190.6
 115 63.3 51.7 77.5



#5
 2-Fluorophenol
 Concen: 126.847 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF140982.D
 Acq: 27 Dec 2024 08:45

Tgt Ion:112 Resp: 2410308
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.7 71.5
 63 31.5 24.2 36.2

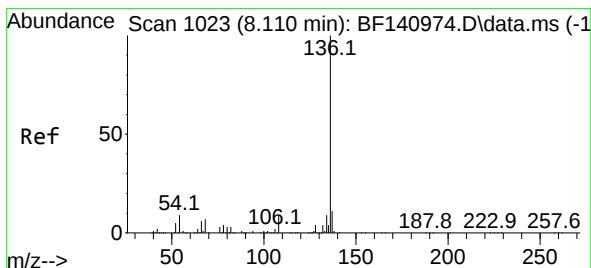
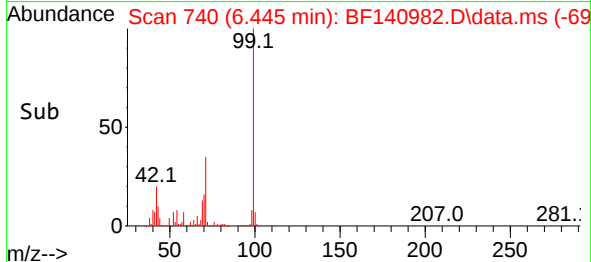
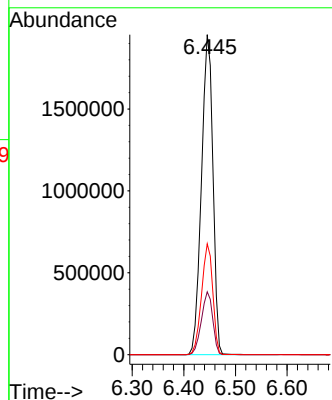
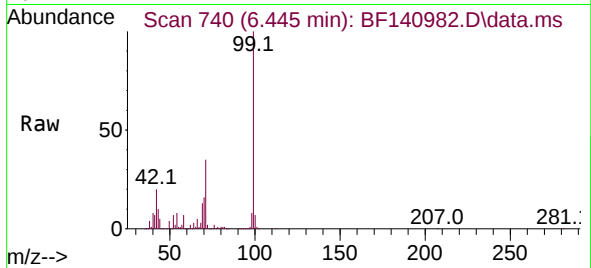




#7
Phenol-d6
Concen: 122.967 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140982.D
Acq: 27 Dec 2024 08:45

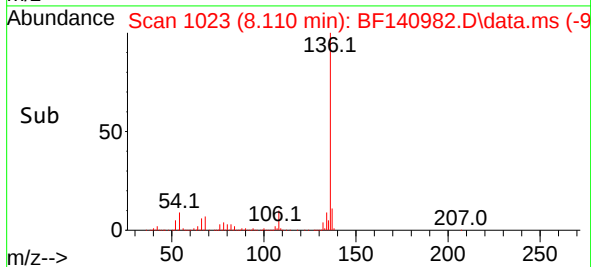
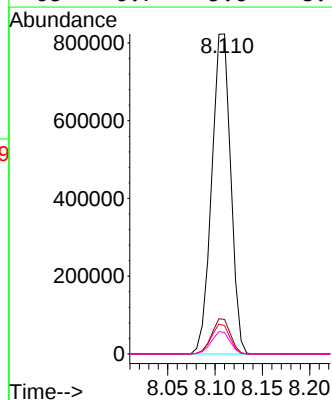
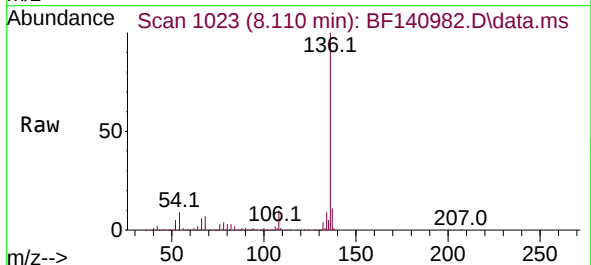
Instrument :
BNA_F
ClientSampleId :
PB165790BL

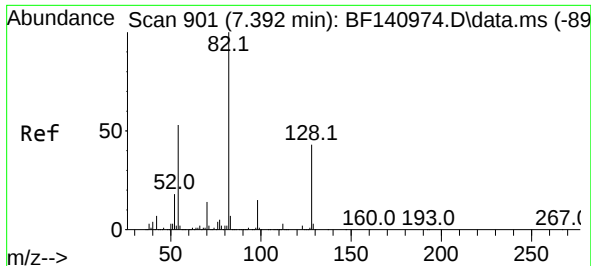
Tgt Ion: 99 Resp: 3010020
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.6 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140982.D
Acq: 27 Dec 2024 08:45

Tgt Ion: 136 Resp: 1149989
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.9 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 103.568 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140982.D

Acq: 27 Dec 2024 08:45

Instrument :

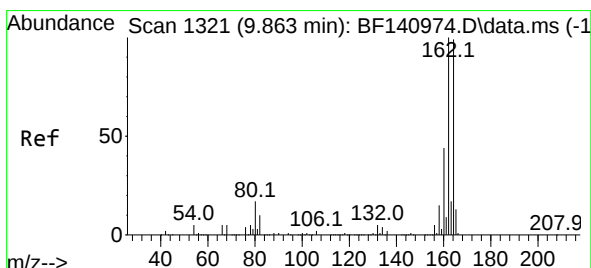
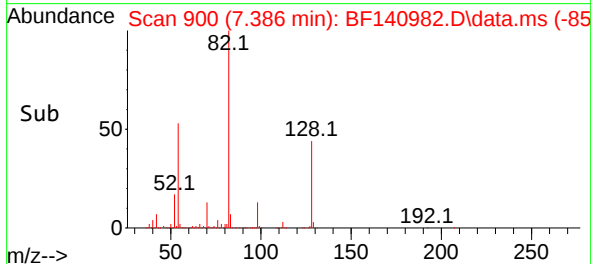
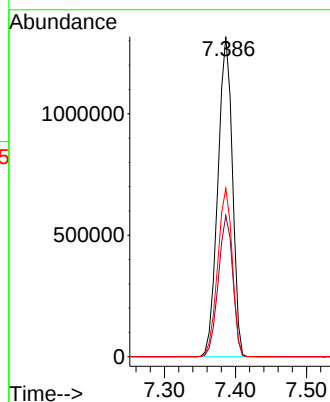
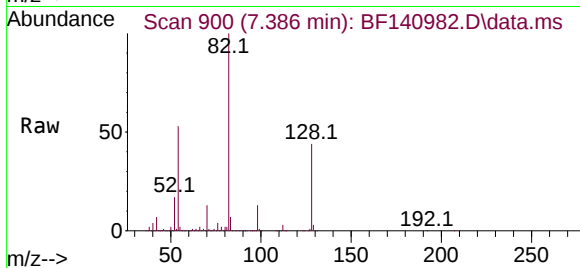
BNA_F

ClientSampleId :

PB165790BL

Tgt Ion: 82 Resp: 1861605

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.4	51.6
54	52.6	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

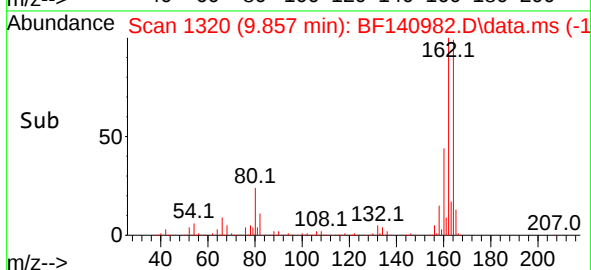
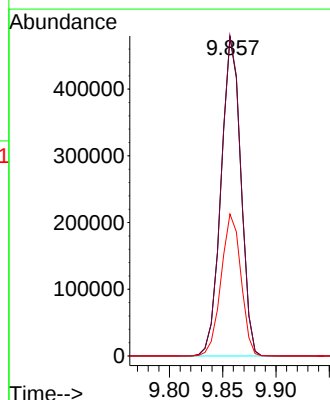
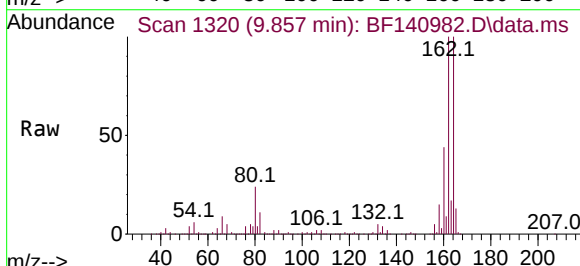
Delta R.T. -0.006 min

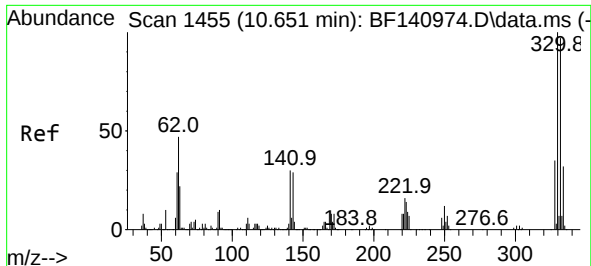
Lab File: BF140982.D

Acq: 27 Dec 2024 08:45

Tgt Ion: 164 Resp: 613896

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: 139.117 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF140982.D

Acq: 27 Dec 2024 08:45

Instrument :

BNA_F

ClientSampleId :

PB165790BL

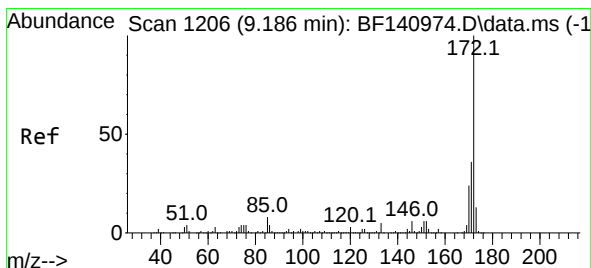
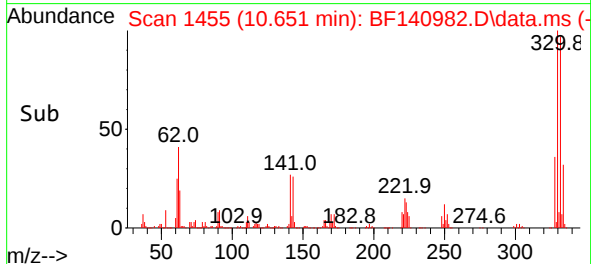
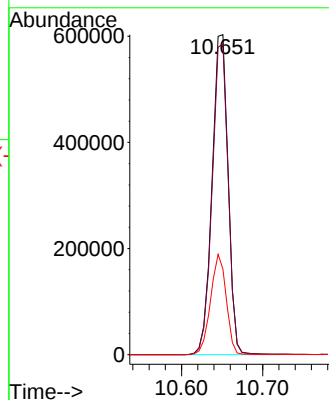
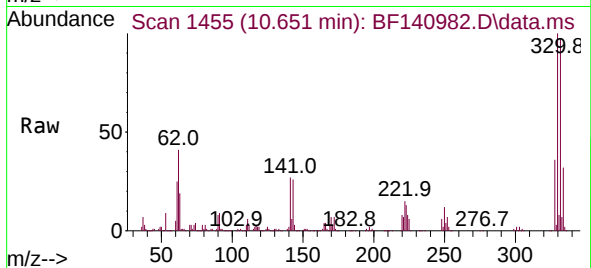
Tgt Ion:330 Resp: 829868

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 30.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 87.402 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140982.D

Acq: 27 Dec 2024 08:45

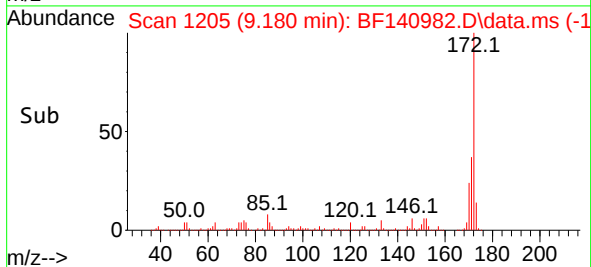
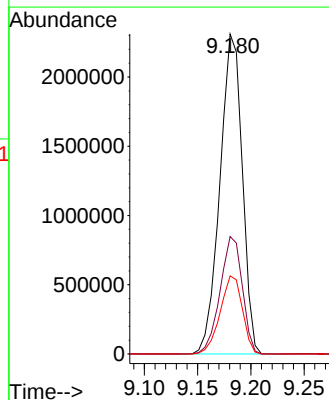
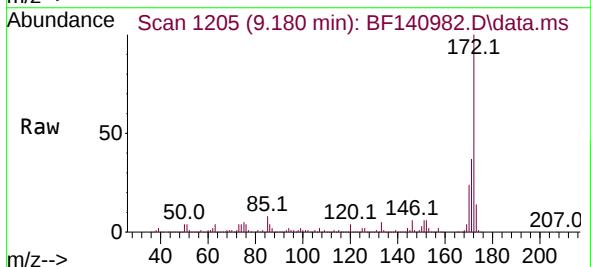
Tgt Ion:172 Resp: 3367720

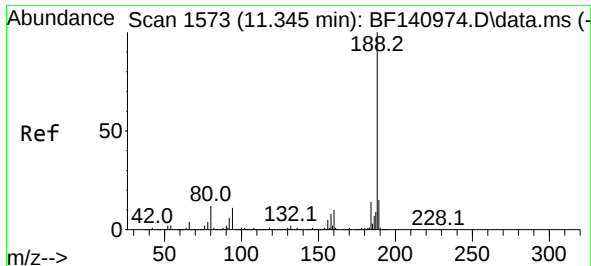
Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.4 19.6 29.4

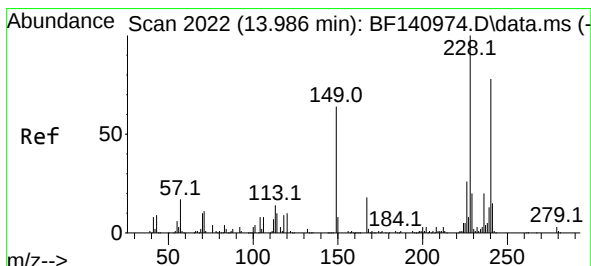
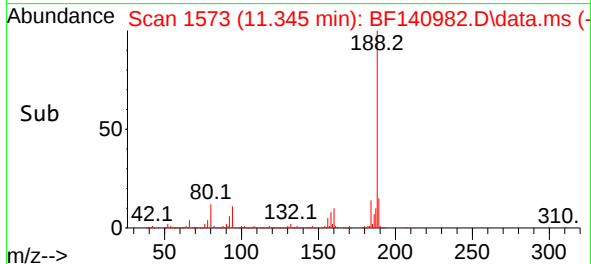
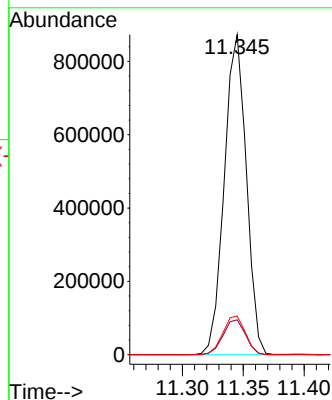
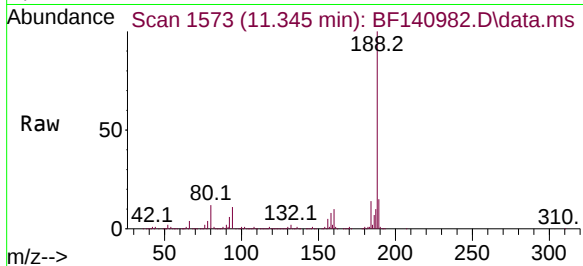




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140982.D
Acq: 27 Dec 2024 08:45

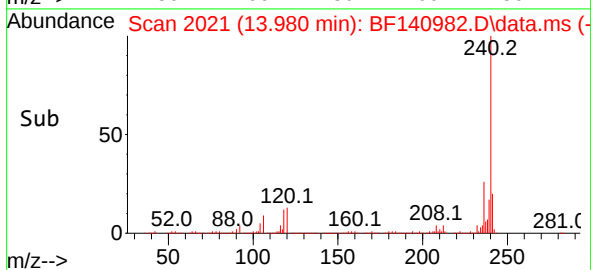
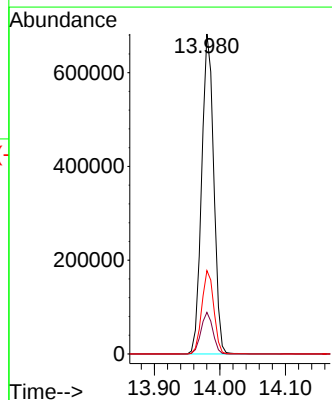
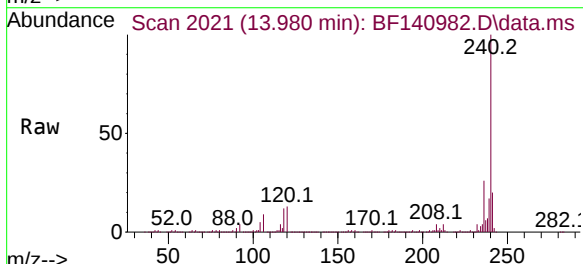
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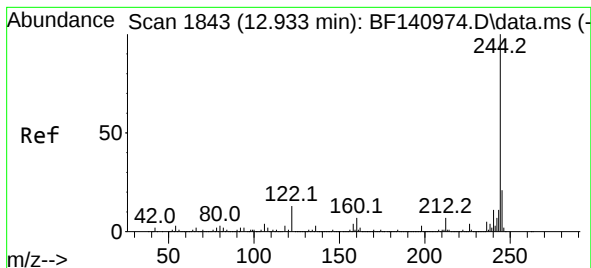
Tgt Ion:188 Resp: 1098737
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.6
80 12.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140982.D
Acq: 27 Dec 2024 08:45

Tgt Ion:240 Resp: 877394
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 75.992 ng

RT: 12.939 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF140982.D

Acq: 27 Dec 2024 08:45

Instrument :

BNA_F

ClientSampleId :

PB165790BL

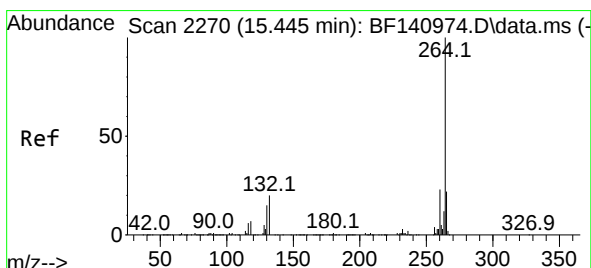
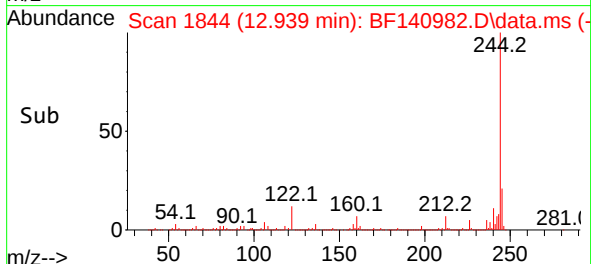
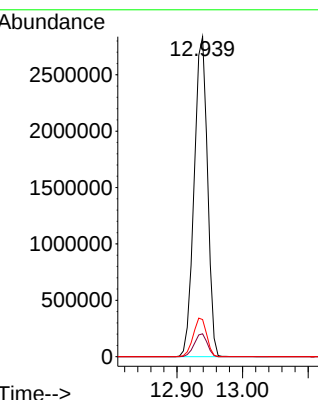
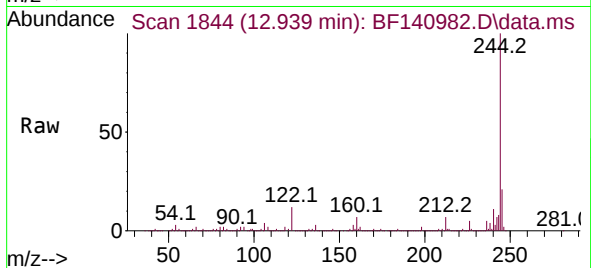
Tgt Ion:244 Resp: 4014152

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.6 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: BF140982.D

Acq: 27 Dec 2024 08:45

Tgt Ion:264 Resp: 775617

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 17.4 26.2

