

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141020.D
 Acq On : 30 Dec 2024 09:50
 Operator : RC/JU
 Sample : PB165894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165894BL

Quant Time: Dec 30 10:24:26 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	294590	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1177092	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	636803	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1094330	20.000	ng	0.00
76) Chrysene-d12	13.986	240	805864	20.000	ng	0.00
86) Perylene-d12	15.451	264	643549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2488568	127.337	ng	0.02
7) Phenol-d6	6.451	99	3115295	123.741	ng	0.00
23) Nitrobenzene-d5	7.392	82	1884047	102.403	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	896386	144.862	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3546688	88.736	ng	0.00
79) Terphenyl-d14	12.939	244	4155845	85.658	ng	0.00

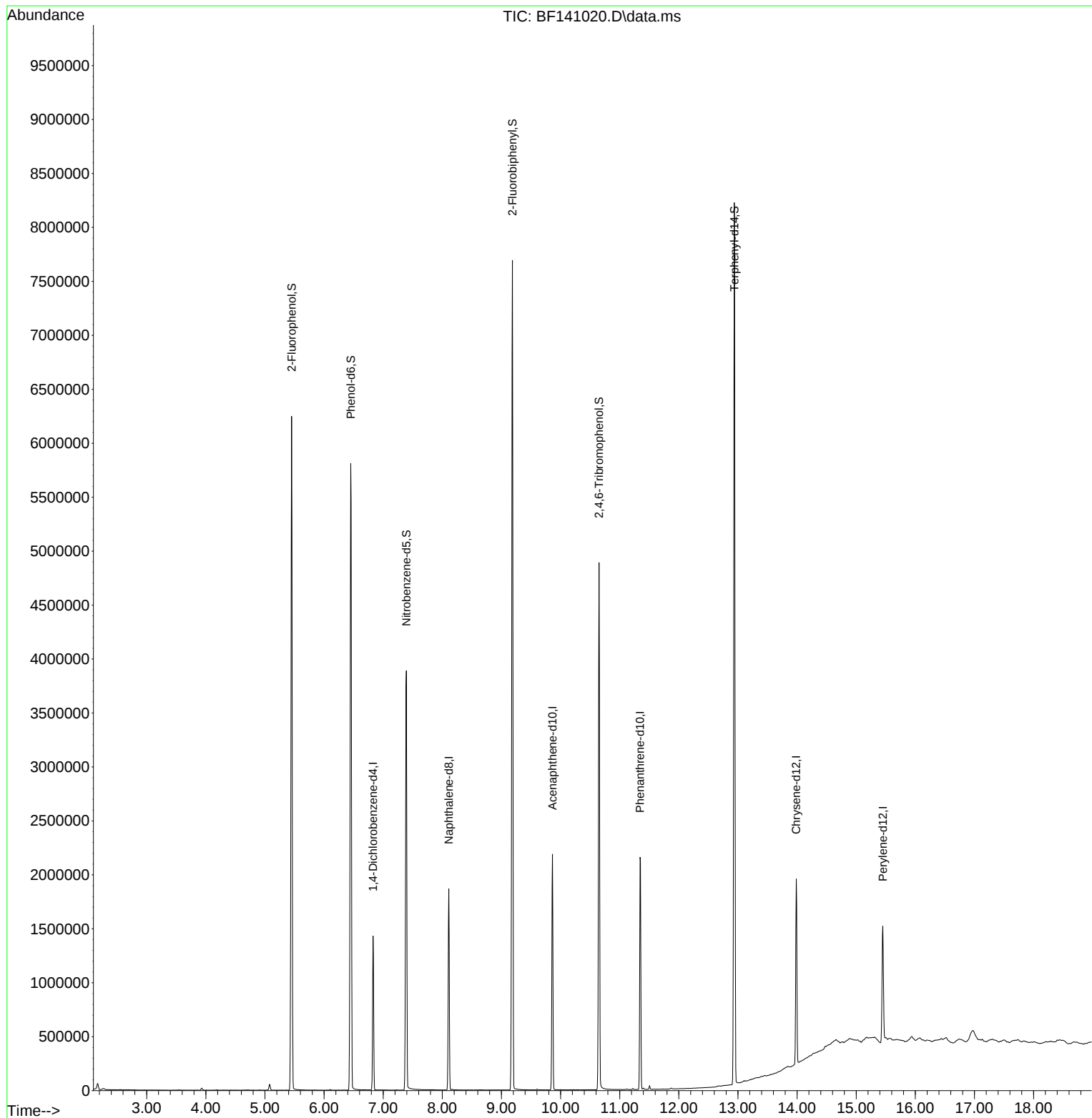
Target Compounds	Qvalue

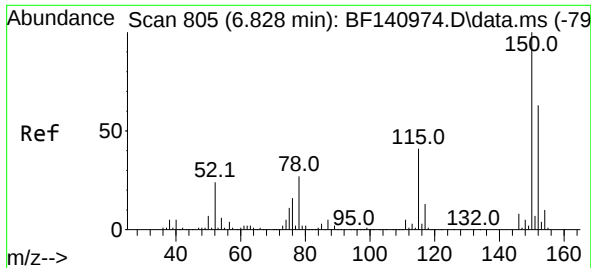
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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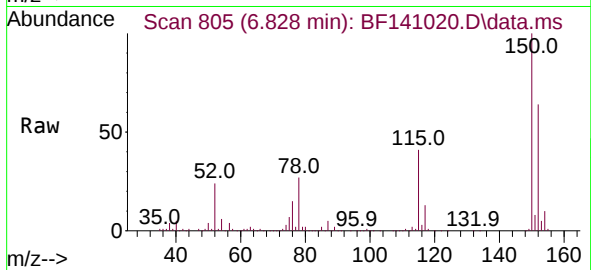
Quant Time: Dec 30 10:24:26 2024
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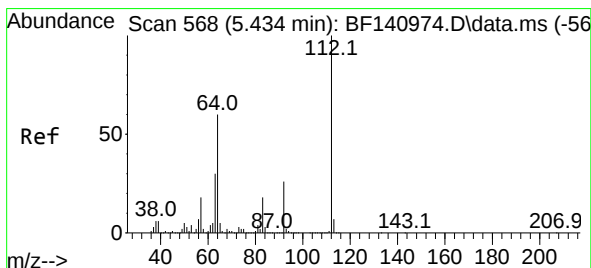
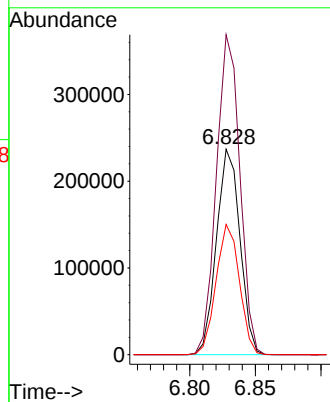
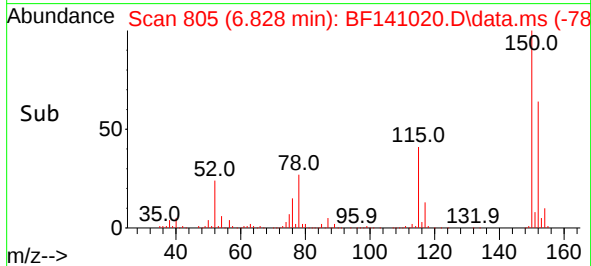


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

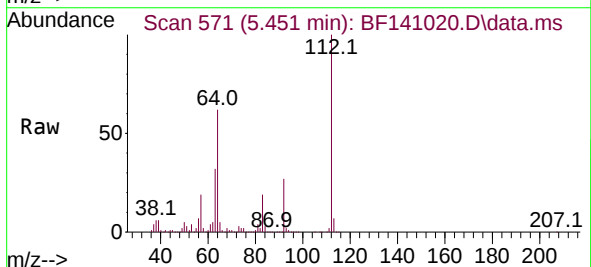
Instrument :
BNA_F
ClientSampleId :
PB165894BL



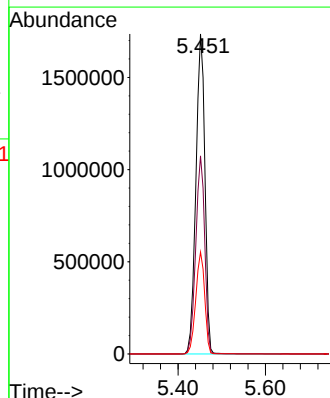
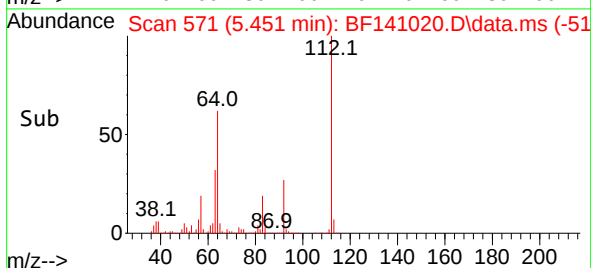
Tgt Ion:152 Resp: 294590
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.4 51.7 77.5

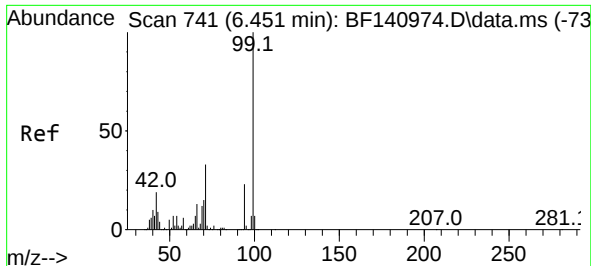


#5
2-Fluorophenol
Concen: 127.337 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50



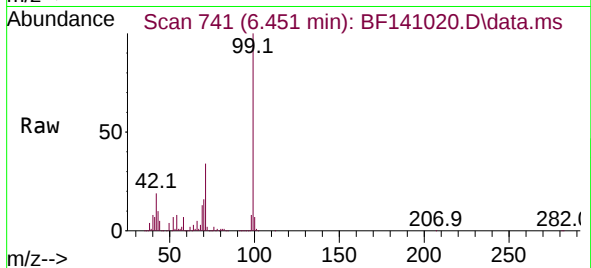
Tgt Ion:112 Resp: 2488568
Ion Ratio Lower Upper
112 100
64 61.9 47.7 71.5
63 31.8 24.2 36.2





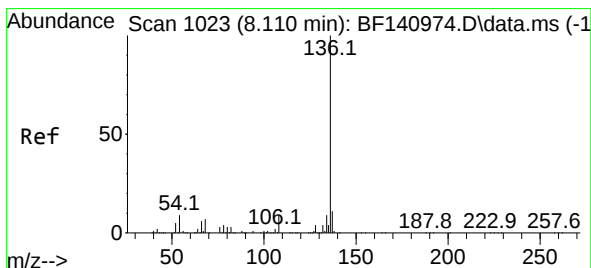
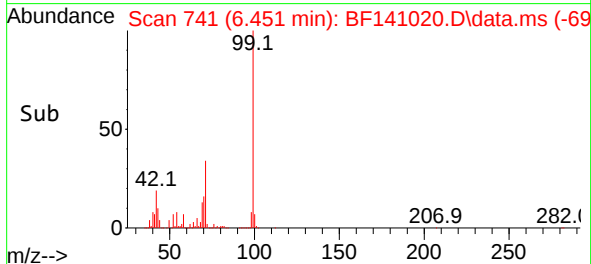
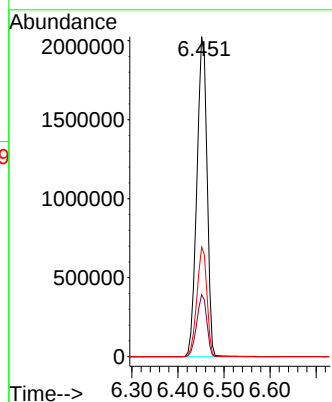
#7
Phenol-d6
Concen: 123.741 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Instrument :
BNA_F
ClientSampleId :
PB165894BL



Tgt Ion: 99 Resp: 3115295

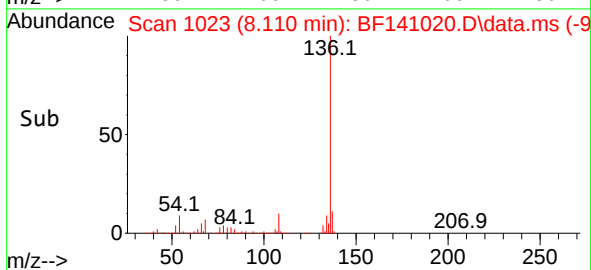
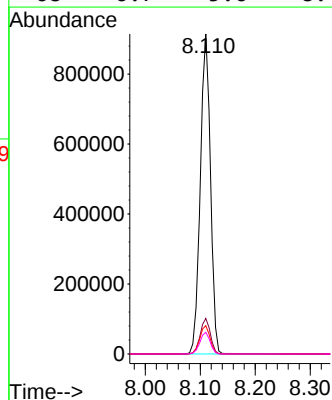
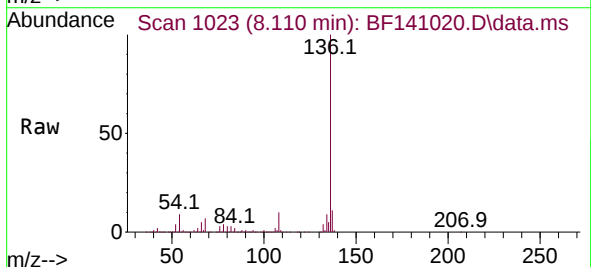
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	34.3	26.2	39.2

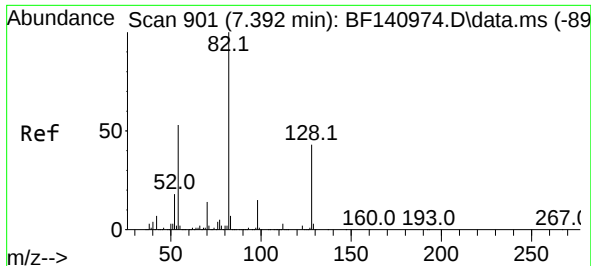


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion: 136 Resp: 1177092

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	7.6	11.4
68	6.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 102.403 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

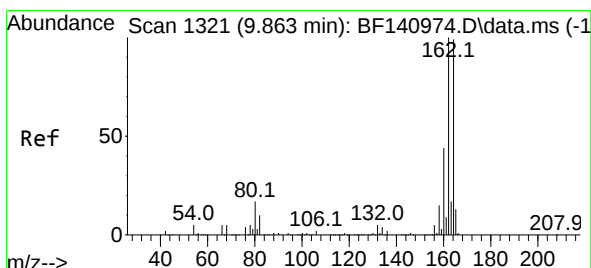
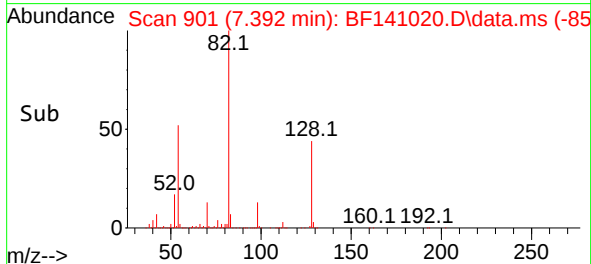
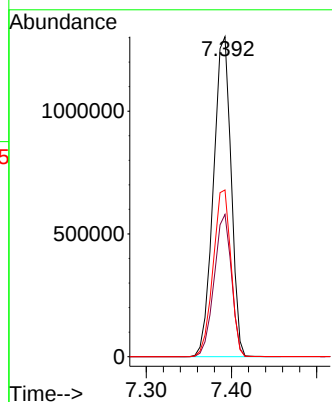
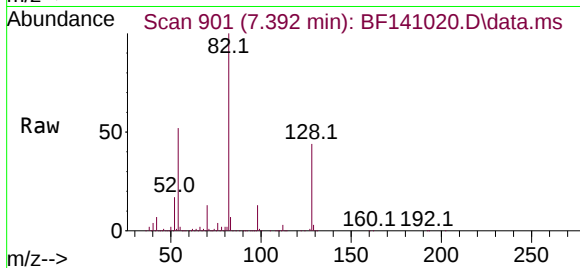
BNA_F

ClientSampleId :

PB165894BL

Tgt Ion: 82 Resp: 1884047

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	52.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

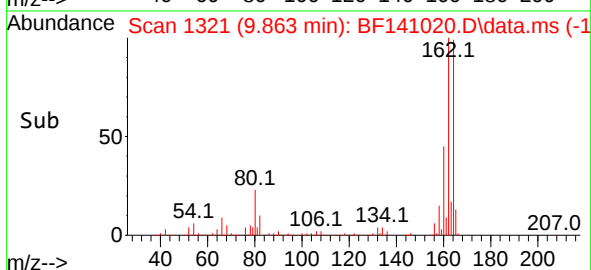
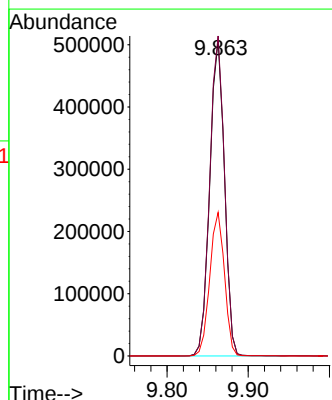
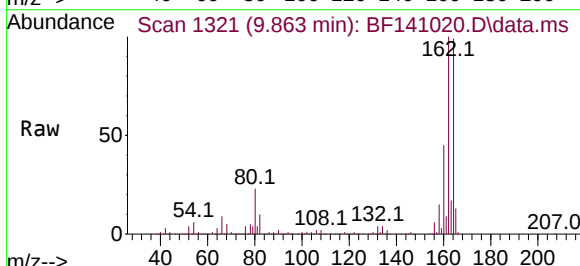
Delta R.T. -0.000 min

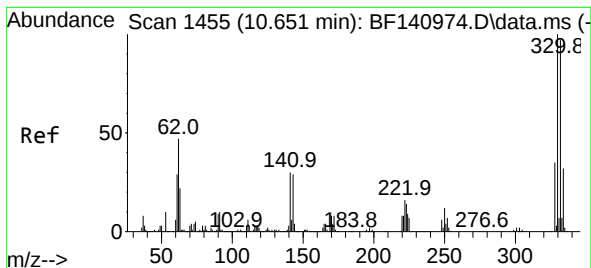
Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Tgt Ion: 164 Resp: 636803

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.5	35.7	53.5

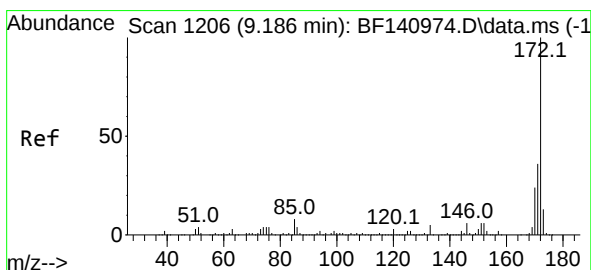
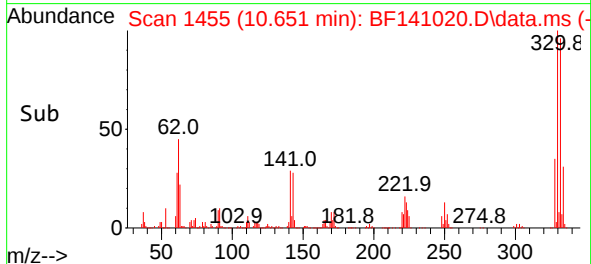
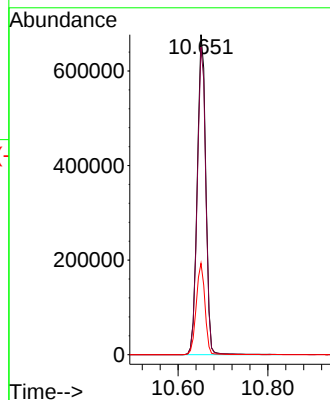
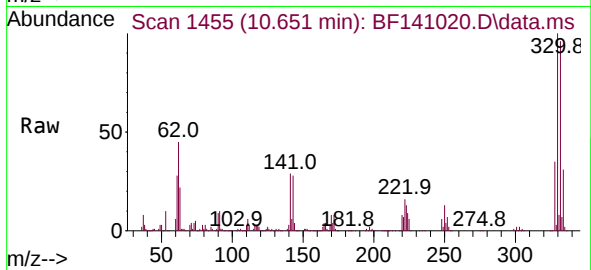




#42
 2,4,6-Tribromophenol
 Concen: 144.862 ng
 RT: 10.651 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

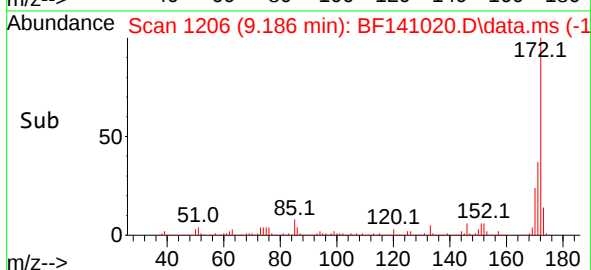
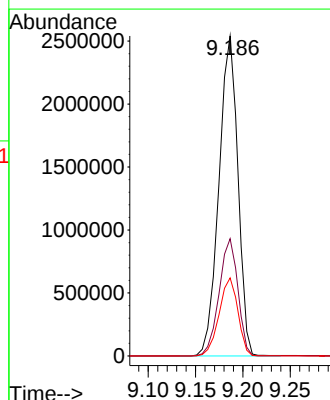
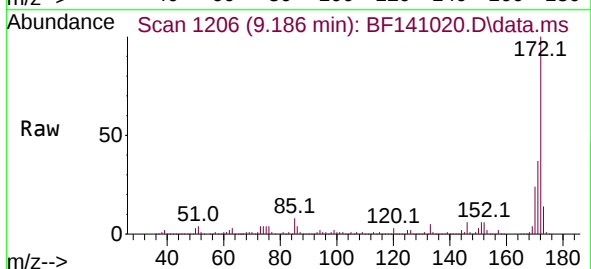
Instrument :
 BNA_F
 ClientSampleId :
 PB165894BL

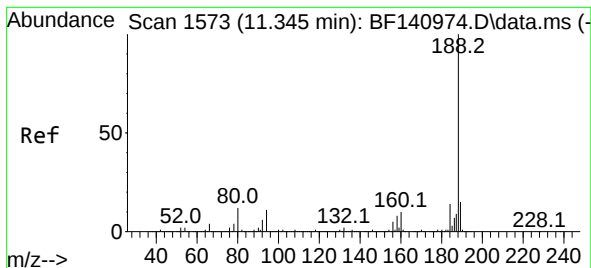
Tgt Ion:330 Resp: 896386
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 29.1 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 88.736 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

Tgt Ion:172 Resp: 3546688
 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: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

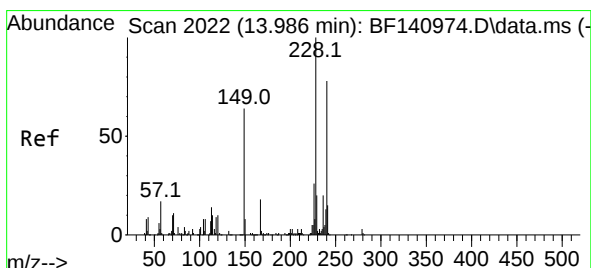
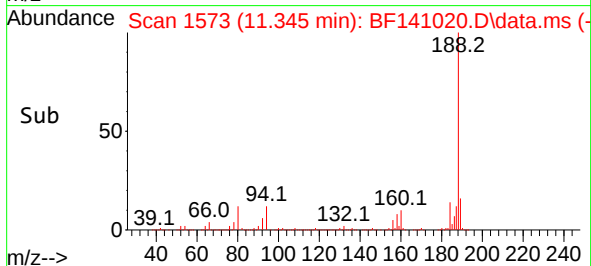
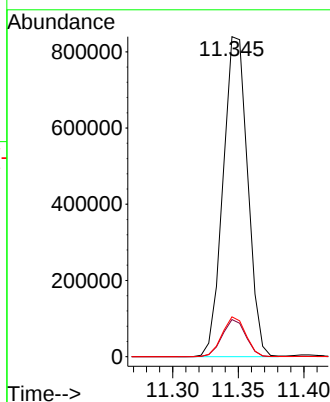
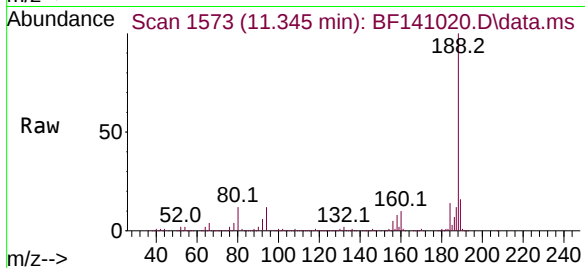
Tgt Ion:188 Resp: 1094330

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.6

80 12.5 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

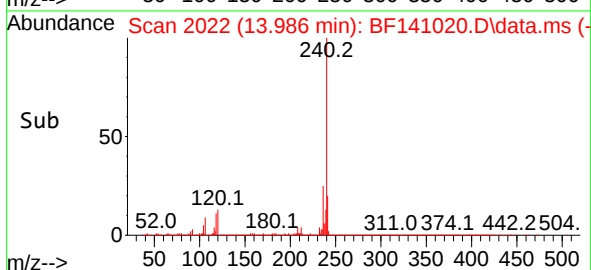
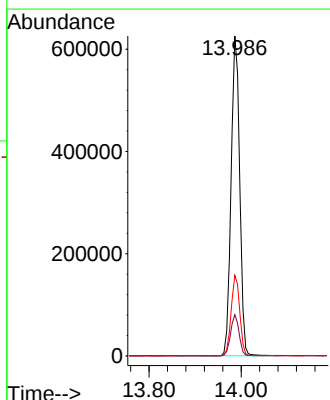
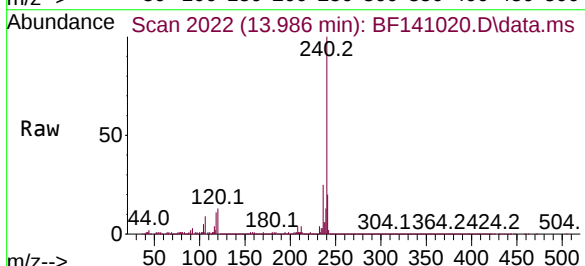
Tgt Ion:240 Resp: 805864

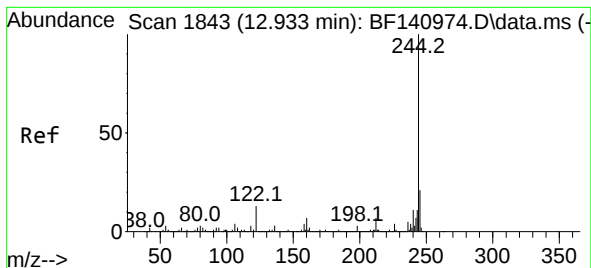
Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 85.658 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

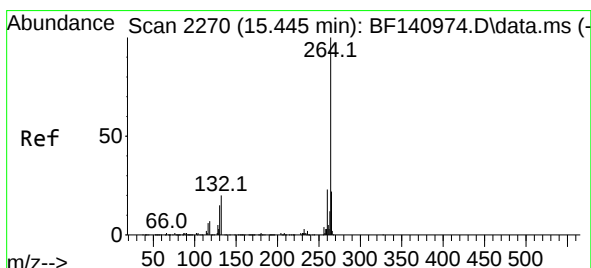
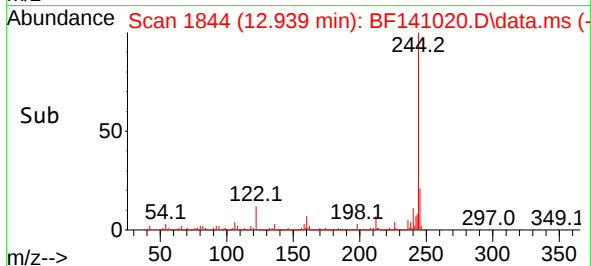
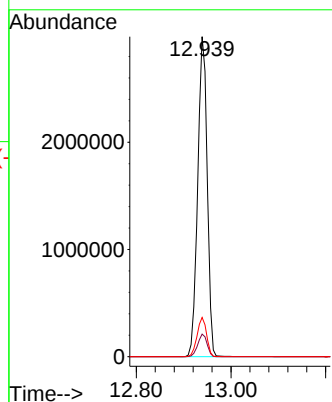
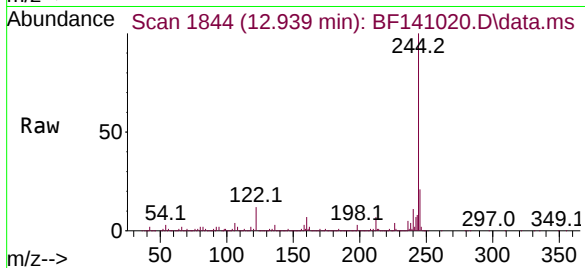
Tgt Ion:244 Resp: 4155845

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: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Tgt Ion:264 Resp: 643549

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.4 26.2

