

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140999.D
 Acq On : 27 Dec 2024 16:29
 Operator : RC/JU
 Sample : P5299-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Dec 27 17:25:03 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	6.822	152	254834	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1020665	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	546385	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	930453	20.000	ng	0.00
76) Chrysene-d12	13.980	240	608004	20.000	ng	0.00
86) Perylene-d12	15.451	264	540868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1327317	78.513	ng	0.00
7) Phenol-d6	6.439	99	1733092	79.579	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1029902	64.557	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	460002	86.642	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1822631	53.147	ng	-0.01
79) Terphenyl-d14	12.927	244	1940618	53.015	ng	0.00

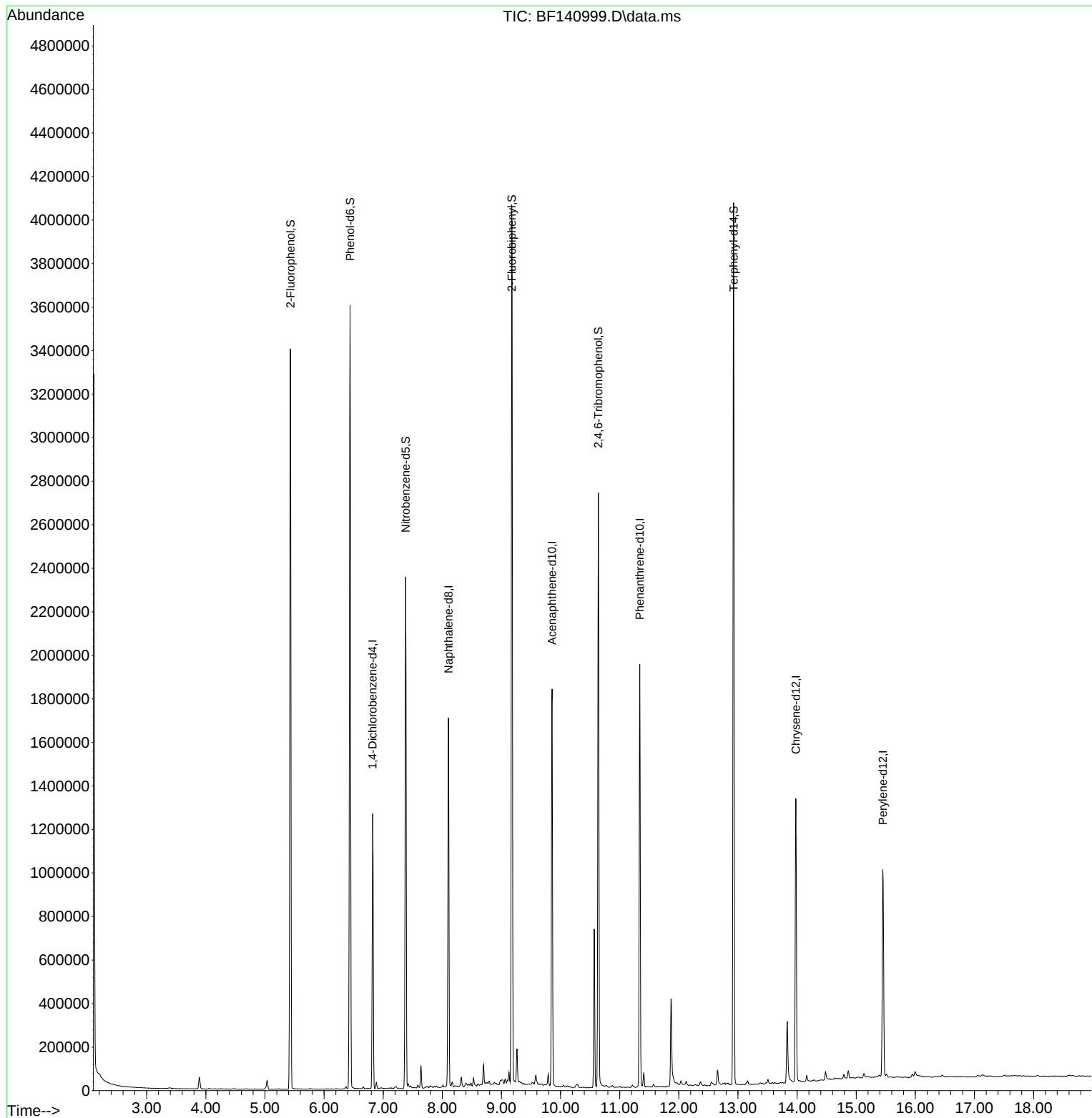
Target Compounds	Qvalue

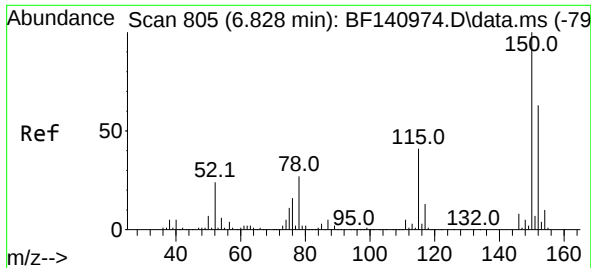
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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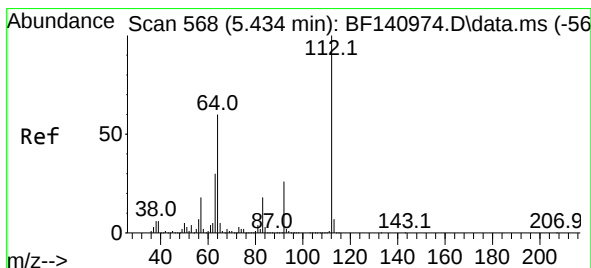
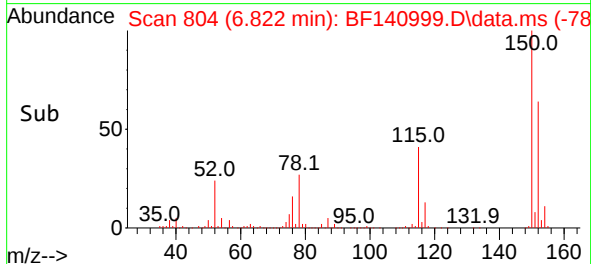
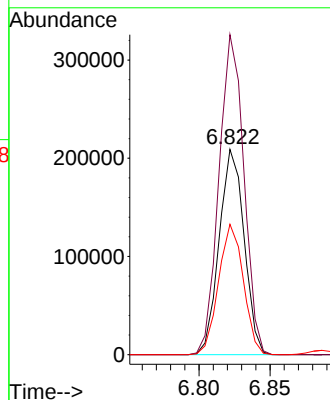
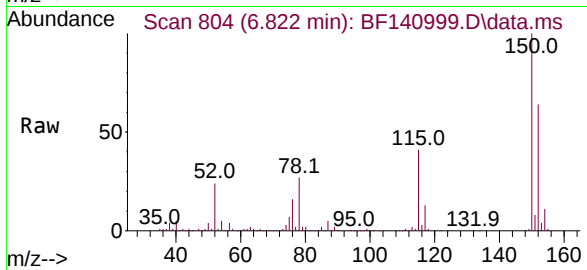




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

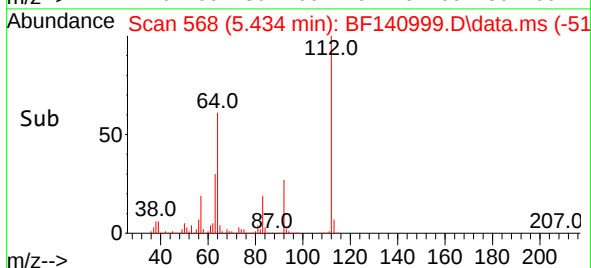
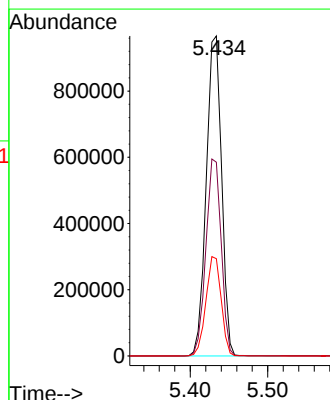
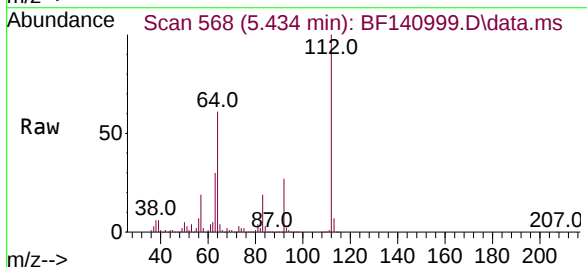
Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 254834
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 63.5 51.7 77.5



#5
2-Fluorophenol
Concen: 78.513 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:112 Resp: 1327317
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.4 24.2 36.2

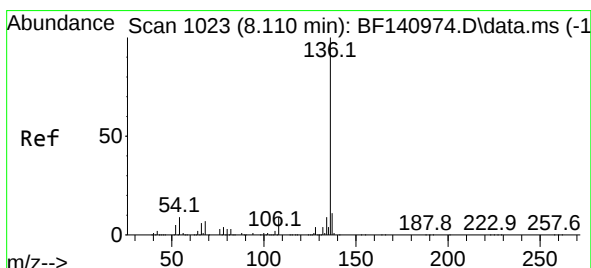
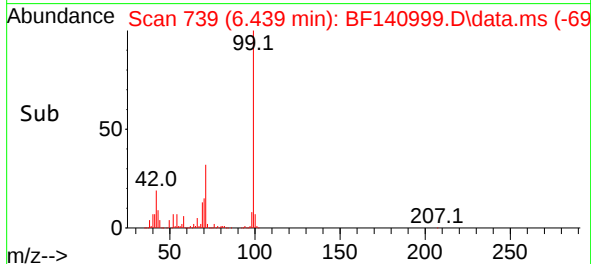
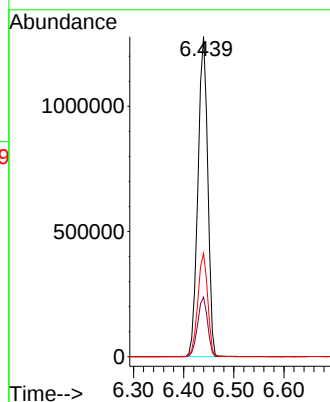
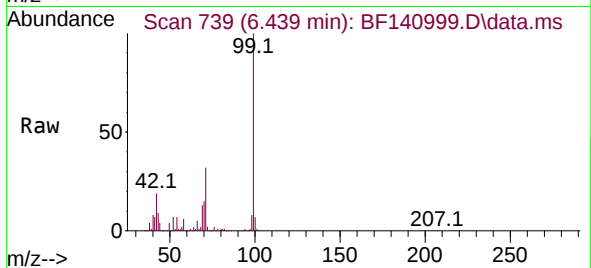




#7
Phenol-d6
Concen: 79.579 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

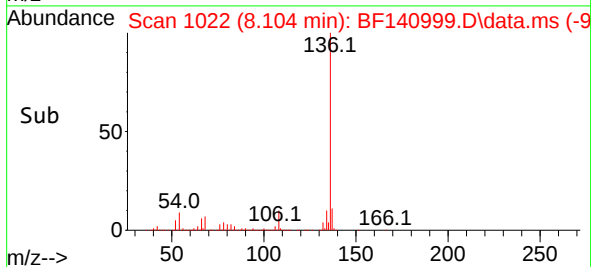
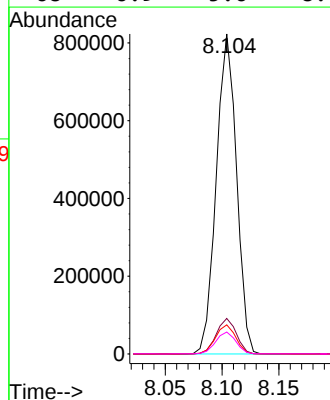
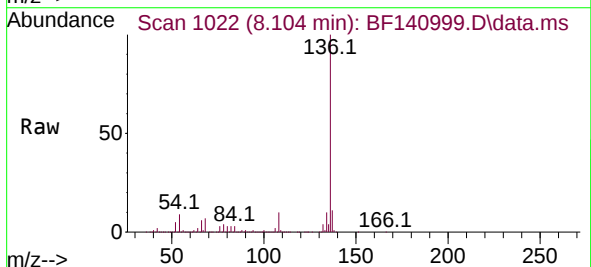
Instrument :
BNA_F
ClientSampleId :
SB-01

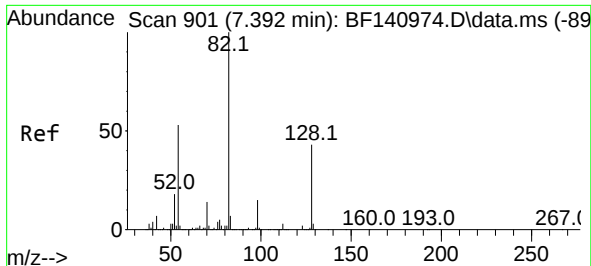
Tgt Ion: 99 Resp: 1733092
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 32.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion: 136 Resp: 1020665
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 64.557 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

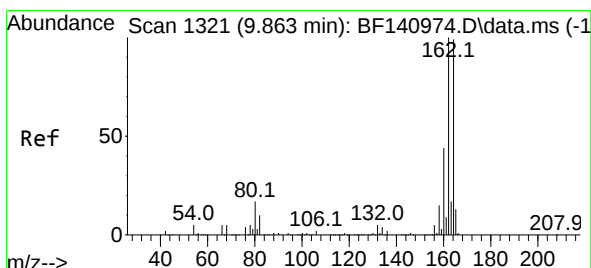
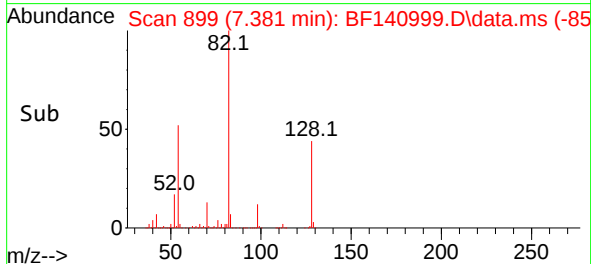
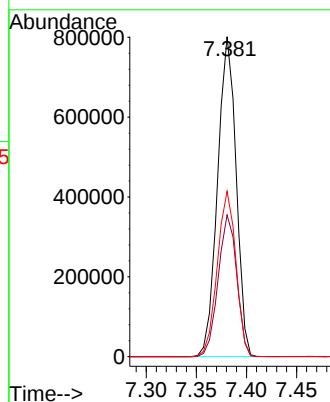
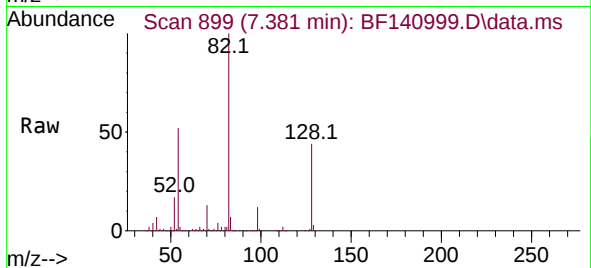
BNA_F

ClientSampleId :

SB-01

Tgt Ion: 82 Resp: 1029902

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	51.7	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

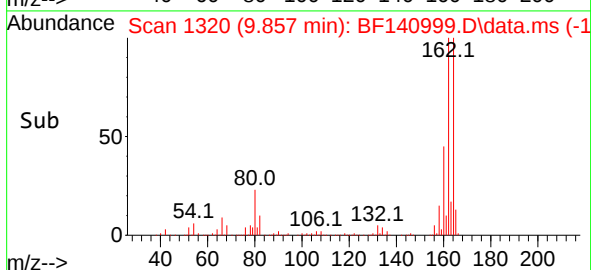
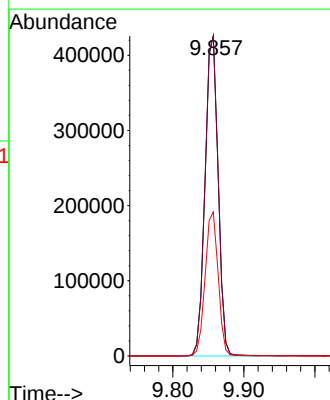
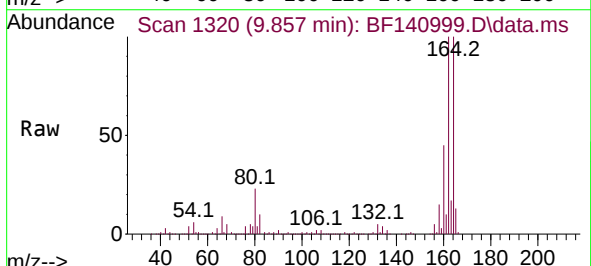
Delta R.T. -0.006 min

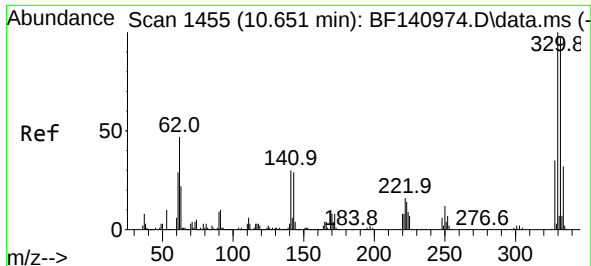
Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Tgt Ion: 164 Resp: 546385

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	45.0	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 86.642 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SB-01

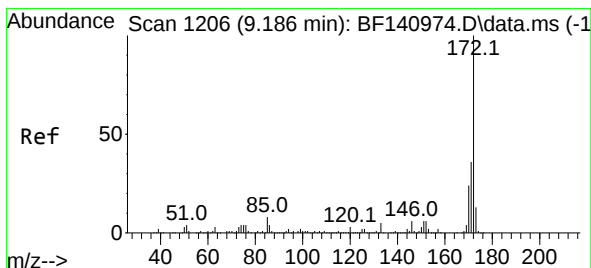
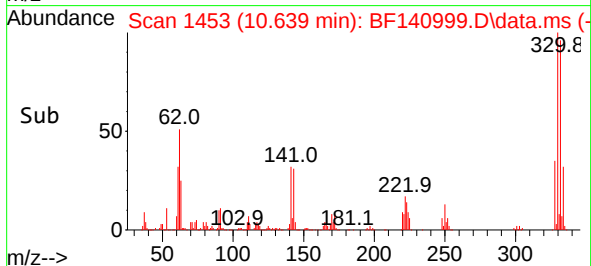
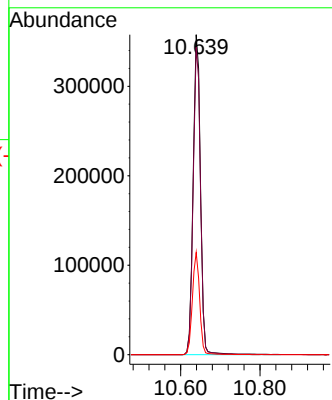
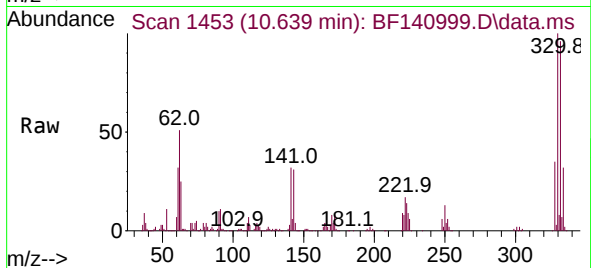
Tgt Ion:330 Resp: 460002

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 31.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 53.147 ng

RT: 9.175 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

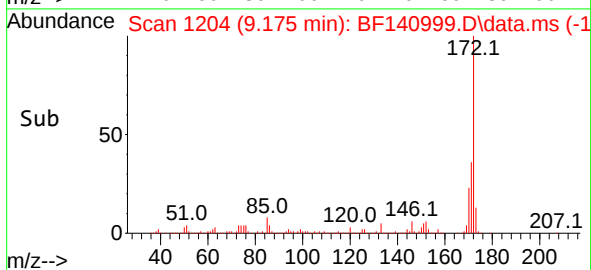
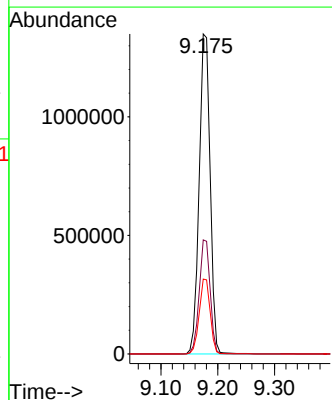
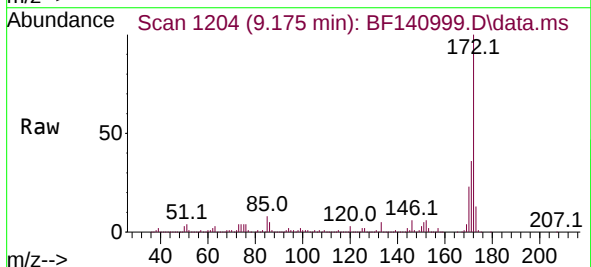
Tgt Ion:172 Resp: 1822631

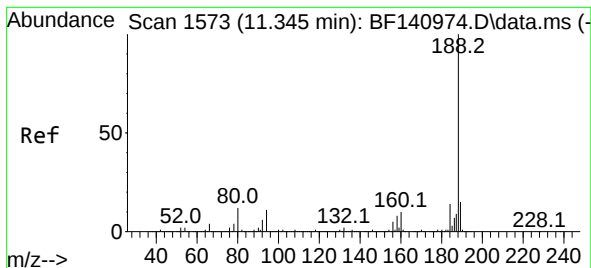
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SB-01

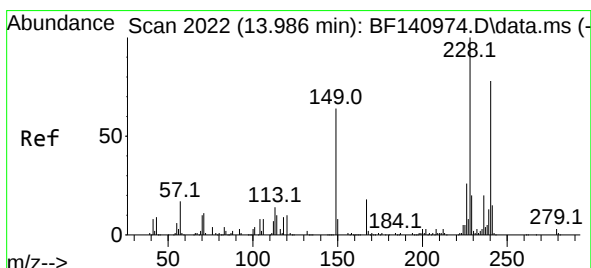
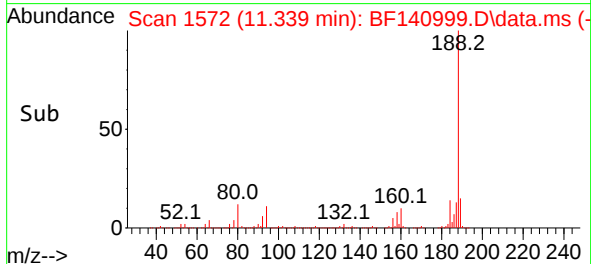
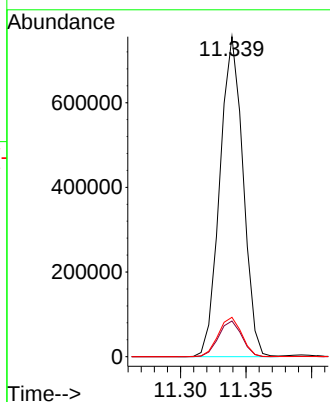
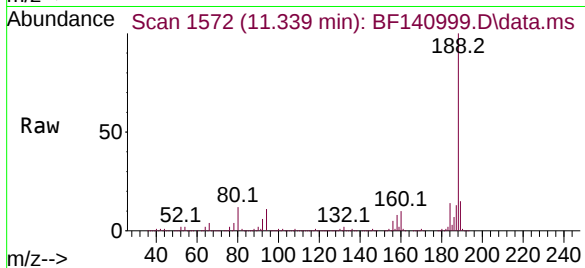
Tgt Ion:188 Resp: 930453

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.3 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: BF140999.D

Acq: 27 Dec 2024 16:29

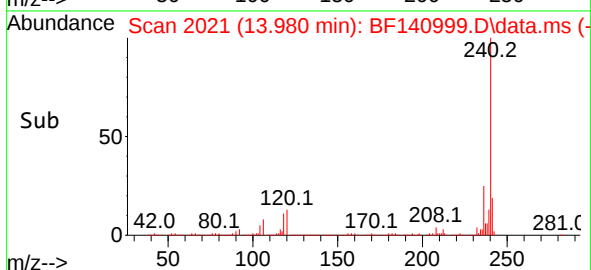
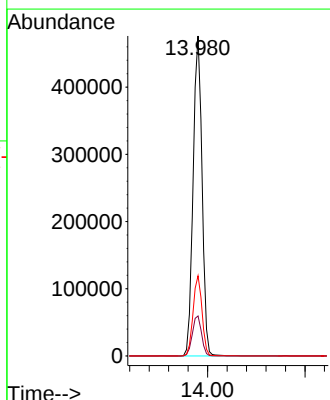
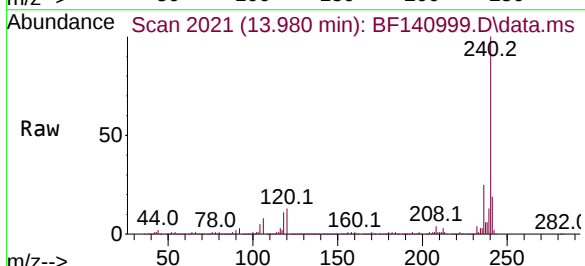
Tgt Ion:240 Resp: 608004

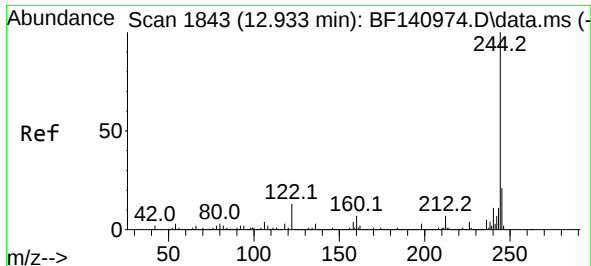
Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 25.0 20.6 31.0

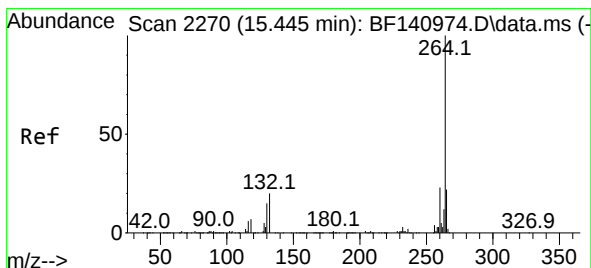
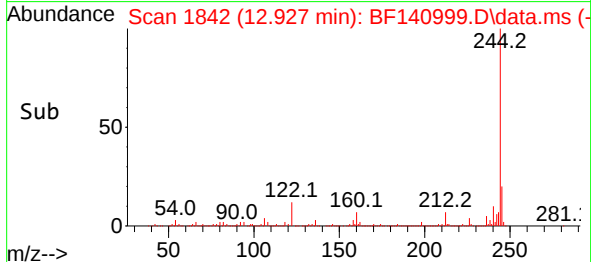
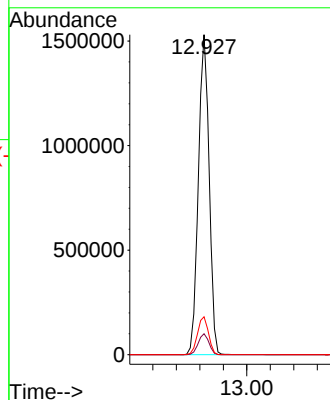
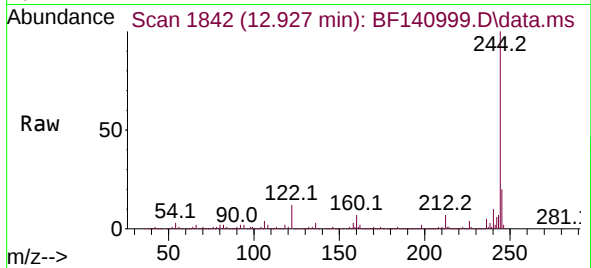




#79
 Terphenyl-d14
 Concen: 53.015 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF140999.D
 Acq: 27 Dec 2024 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tgt Ion:244 Resp: 1940618
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 11.9 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: BF140999.D
 Acq: 27 Dec 2024 16:29

Tgt Ion:264 Resp: 540868
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.6 17.4 26.2

