

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140998.D
 Acq On : 27 Dec 2024 16:03
 Operator : RC/JU
 Sample : P5299-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Dec 27 16:36:04 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	248948	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	990169	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	532678	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	920169	20.000	ng	0.00
76) Chrysene-d12	13.980	240	611482	20.000	ng	0.00
86) Perylene-d12	15.445	264	533372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1742406	105.503	ng	0.00
7) Phenol-d6	6.440	99	2199933	103.403	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1344513	86.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	606069	117.091	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2366923	70.795	ng	0.00
79) Terphenyl-d14	12.927	244	2710716	73.632	ng	0.00

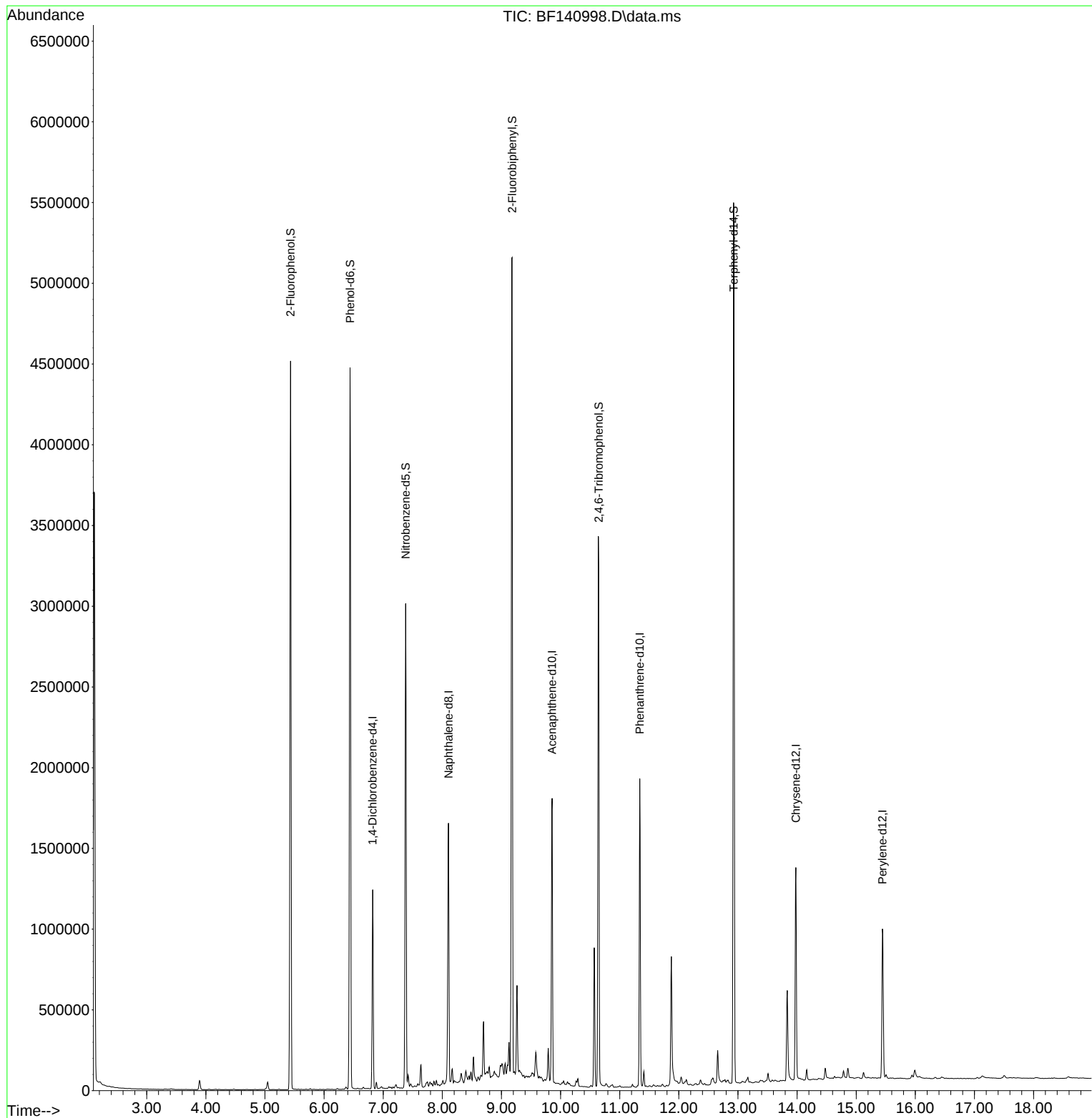
Target Compounds	Qvalue

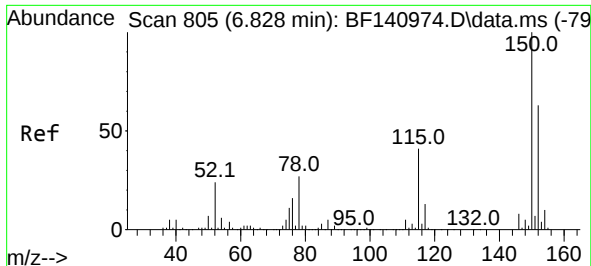
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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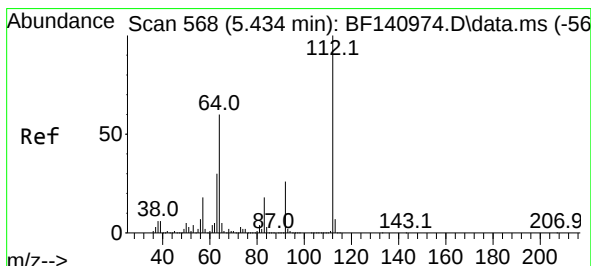
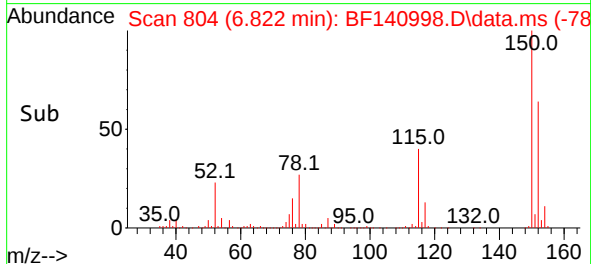
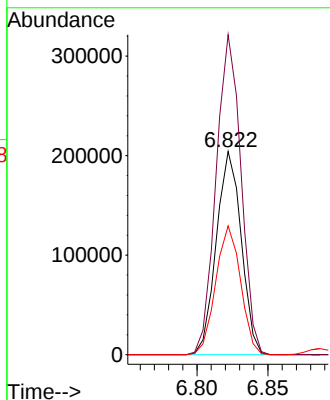
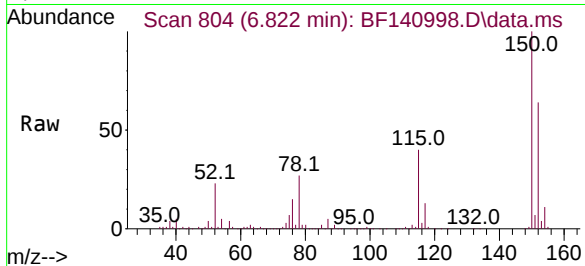




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

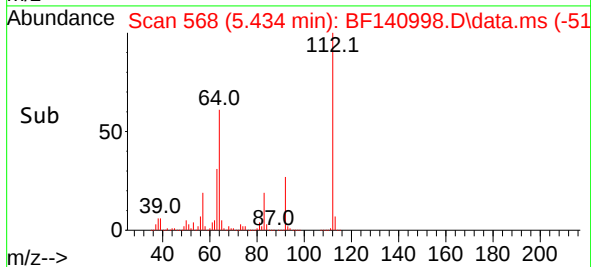
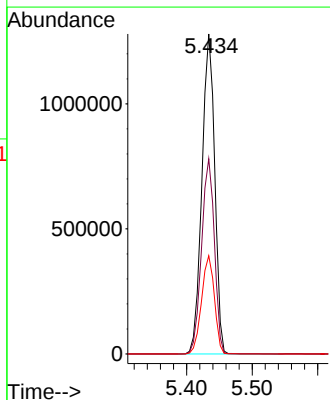
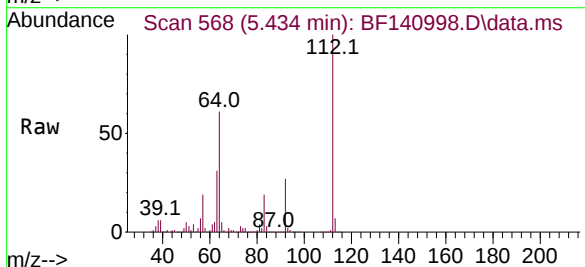
Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:152 Resp: 248948
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 63.4 51.7 77.5



#5
2-Fluorophenol
Concen: 105.503 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

Tgt Ion:112 Resp: 1742406
Ion Ratio Lower Upper
112 100
64 61.0 47.7 71.5
63 30.7 24.2 36.2

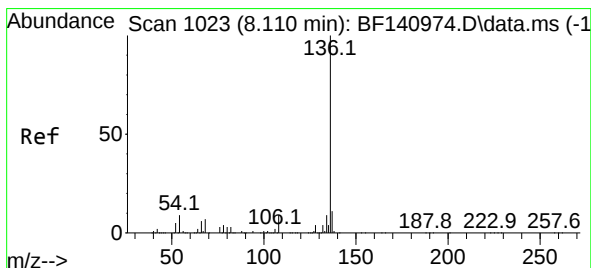
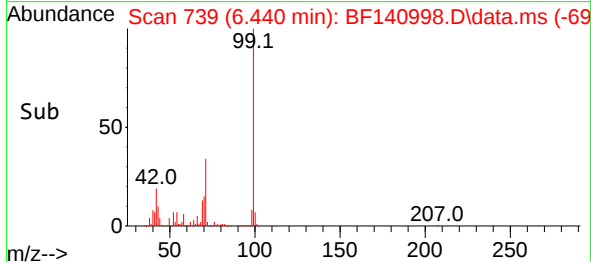
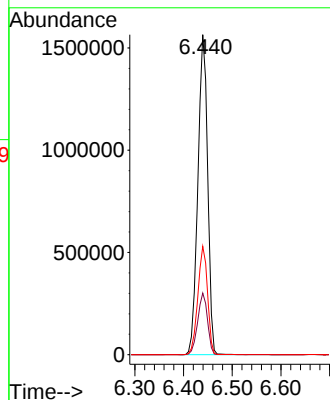
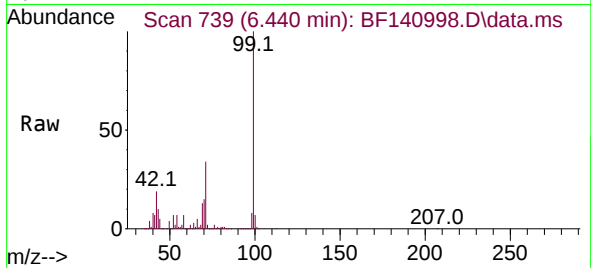




#7
Phenol-d6
Concen: 103.403 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

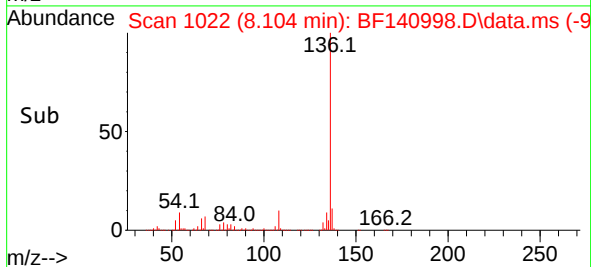
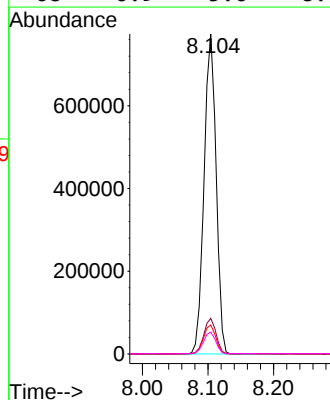
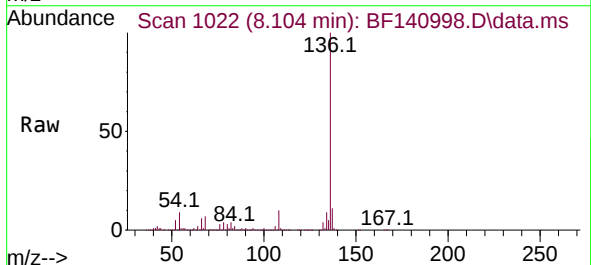
Instrument :
BNA_F
ClientSampleId :
SB-02

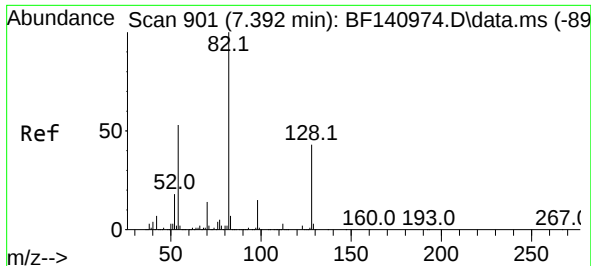
Tgt Ion: 99 Resp: 2199933
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 33.9 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

Tgt Ion: 136 Resp: 990169
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.1 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 86.873 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF140998.D

Acq: 27 Dec 2024 16:03

Instrument :

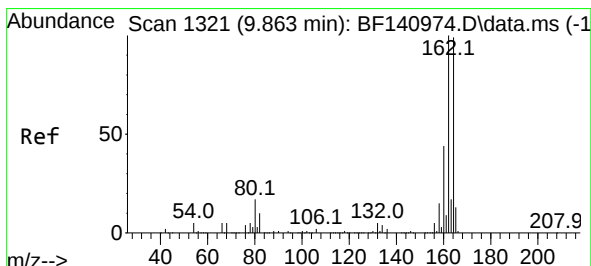
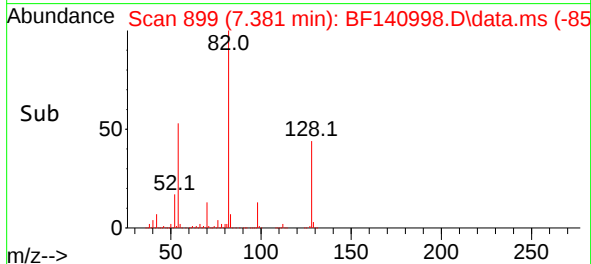
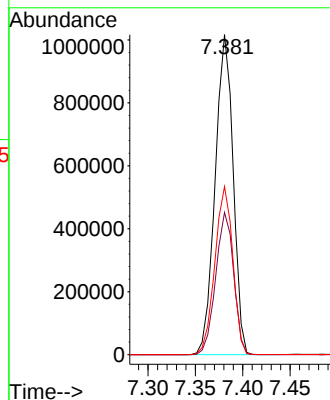
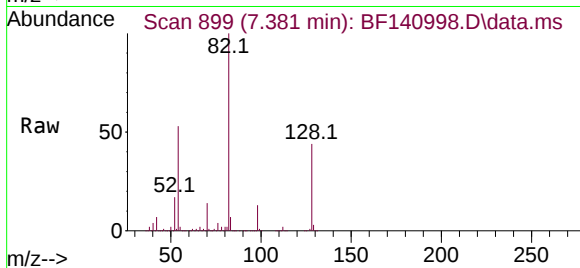
BNA_F

ClientSampleId :

SB-02

Tgt Ion: 82 Resp: 1344513

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

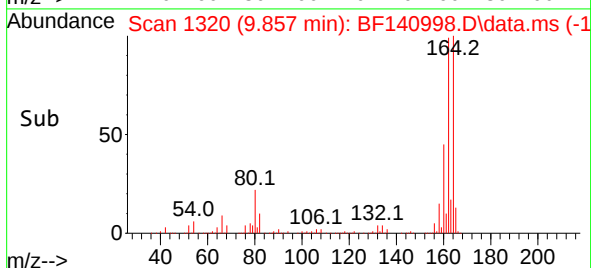
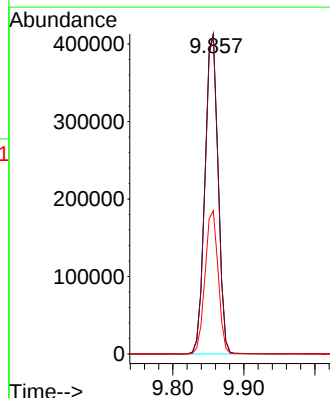
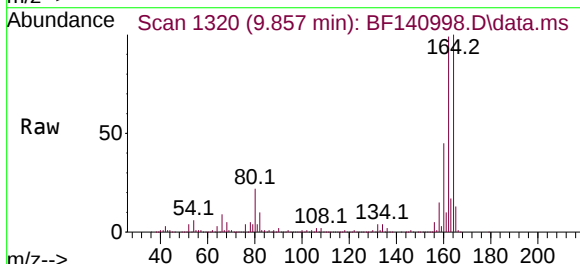
Delta R.T. -0.006 min

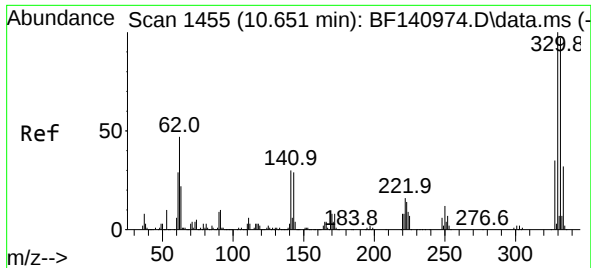
Lab File: BF140998.D

Acq: 27 Dec 2024 16:03

Tgt Ion: 164 Resp: 532678

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	120.8
160	44.7	35.7	53.5

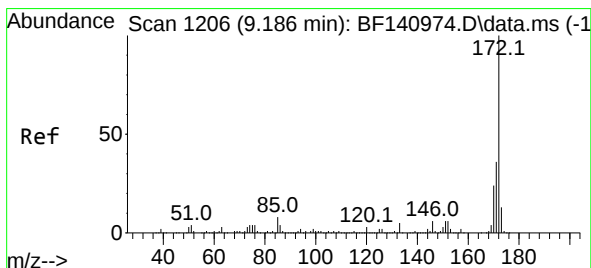
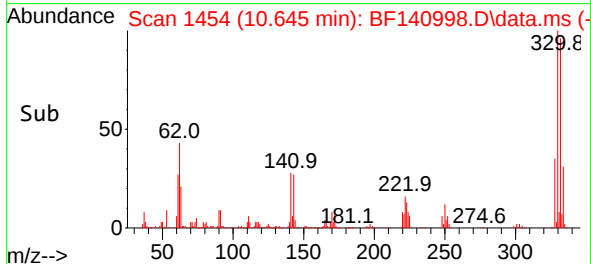
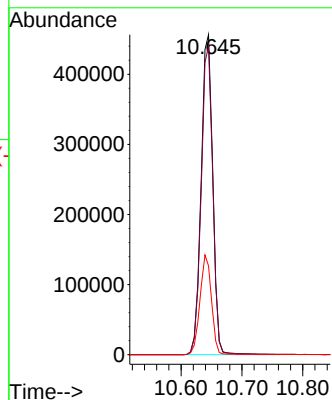
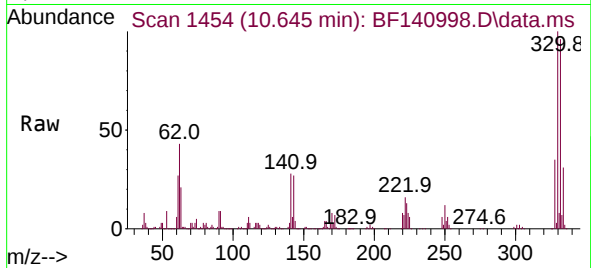




#42
2,4,6-Tribromophenol
Concen: 117.091 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

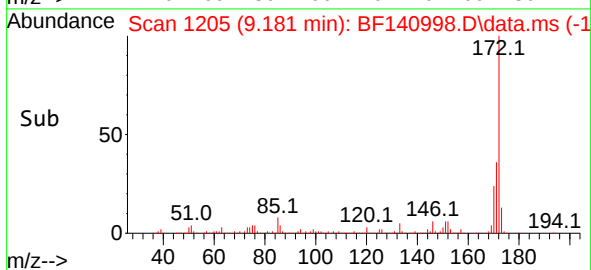
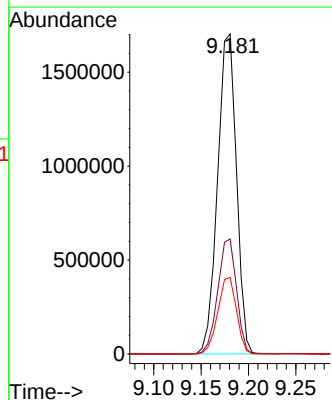
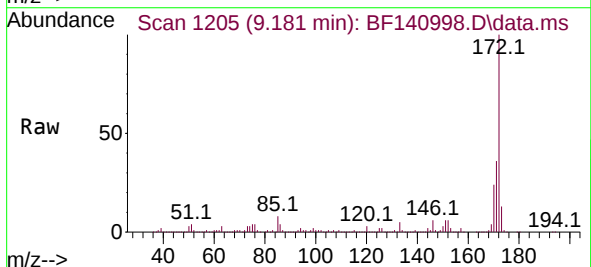
Instrument :
BNA_F
ClientSampleId :
SB-02

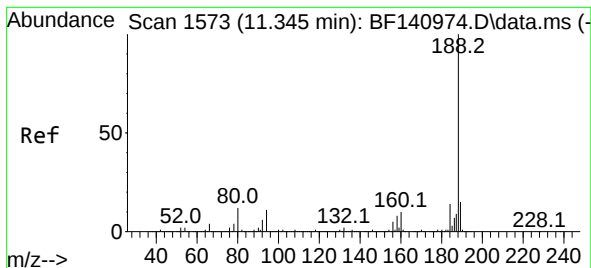
Tgt Ion:330 Resp: 606069
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 30.9 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 70.795 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140998.D
Acq: 27 Dec 2024 16:03

Tgt Ion:172 Resp: 2366923
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.9 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: BF140998.D

Acq: 27 Dec 2024 16:03

Instrument :

BNA_F

ClientSampleId :

SB-02

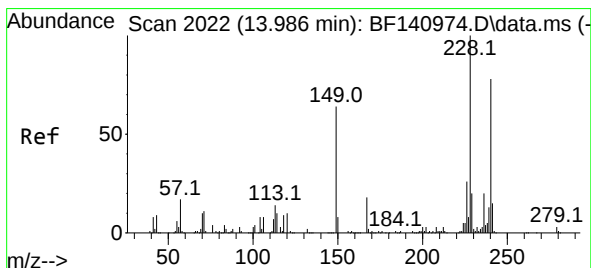
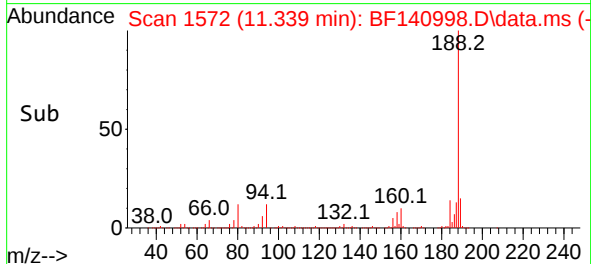
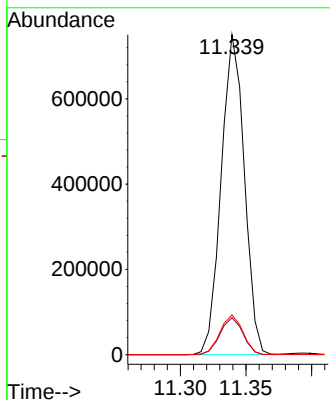
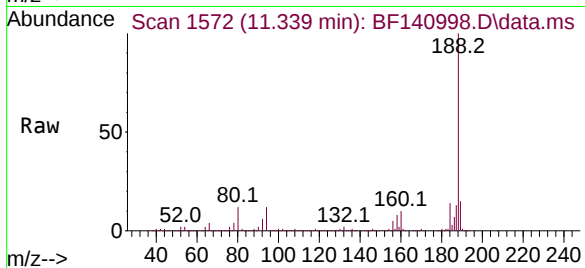
Tgt Ion:188 Resp: 920169

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.6

80 12.4 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: BF140998.D

Acq: 27 Dec 2024 16:03

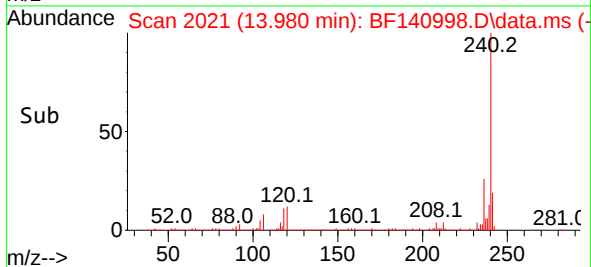
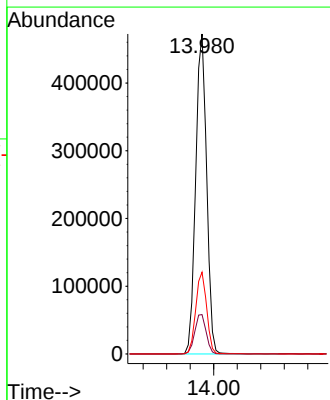
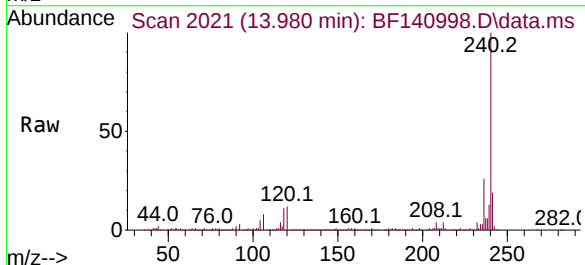
Tgt Ion:240 Resp: 611482

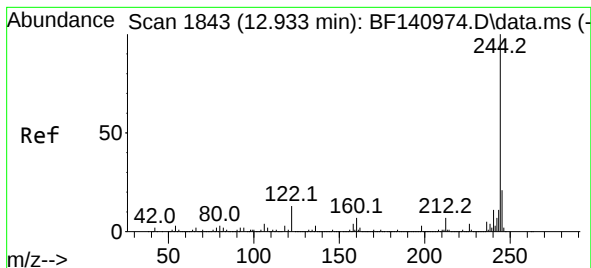
Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 73.632 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF140998.D

Acq: 27 Dec 2024 16:03

Instrument :

BNA_F

ClientSampleId :

SB-02

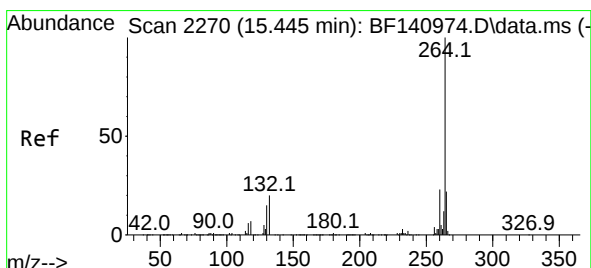
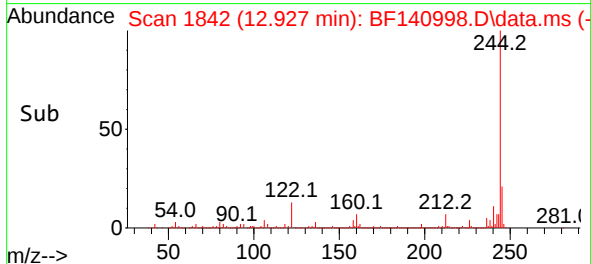
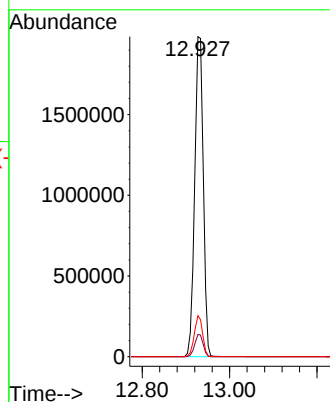
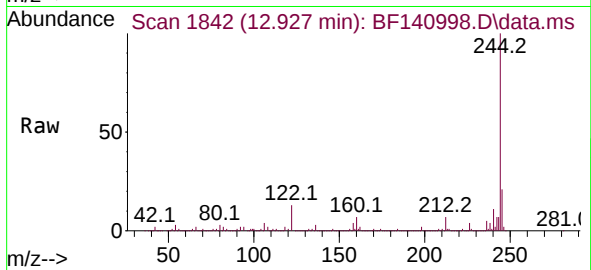
Tgt Ion:244 Resp: 2710716

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.8 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: BF140998.D

Acq: 27 Dec 2024 16:03

Tgt Ion:264 Resp: 533372

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.4 17.4 26.2

