

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140997.D
 Acq On : 27 Dec 2024 15:26
 Operator : RC/JU
 Sample : P5299-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Dec 27 15:55:22 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	238907	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	955704	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	516337	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	913709	20.000	ng	0.00
76) Chrysene-d12	13.974	240	692228	20.000	ng	-0.01
86) Perylene-d12	15.433	264	585265	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2358477	148.808	ng	0.00
7) Phenol-d6	6.445	99	2945330	144.258	ng	0.00
23) Nitrobenzene-d5	7.386	82	1873347	125.408	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	862439	171.894	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2893279	89.277	ng	0.00
79) Terphenyl-d14	12.933	244	3450870	82.803	ng	0.00

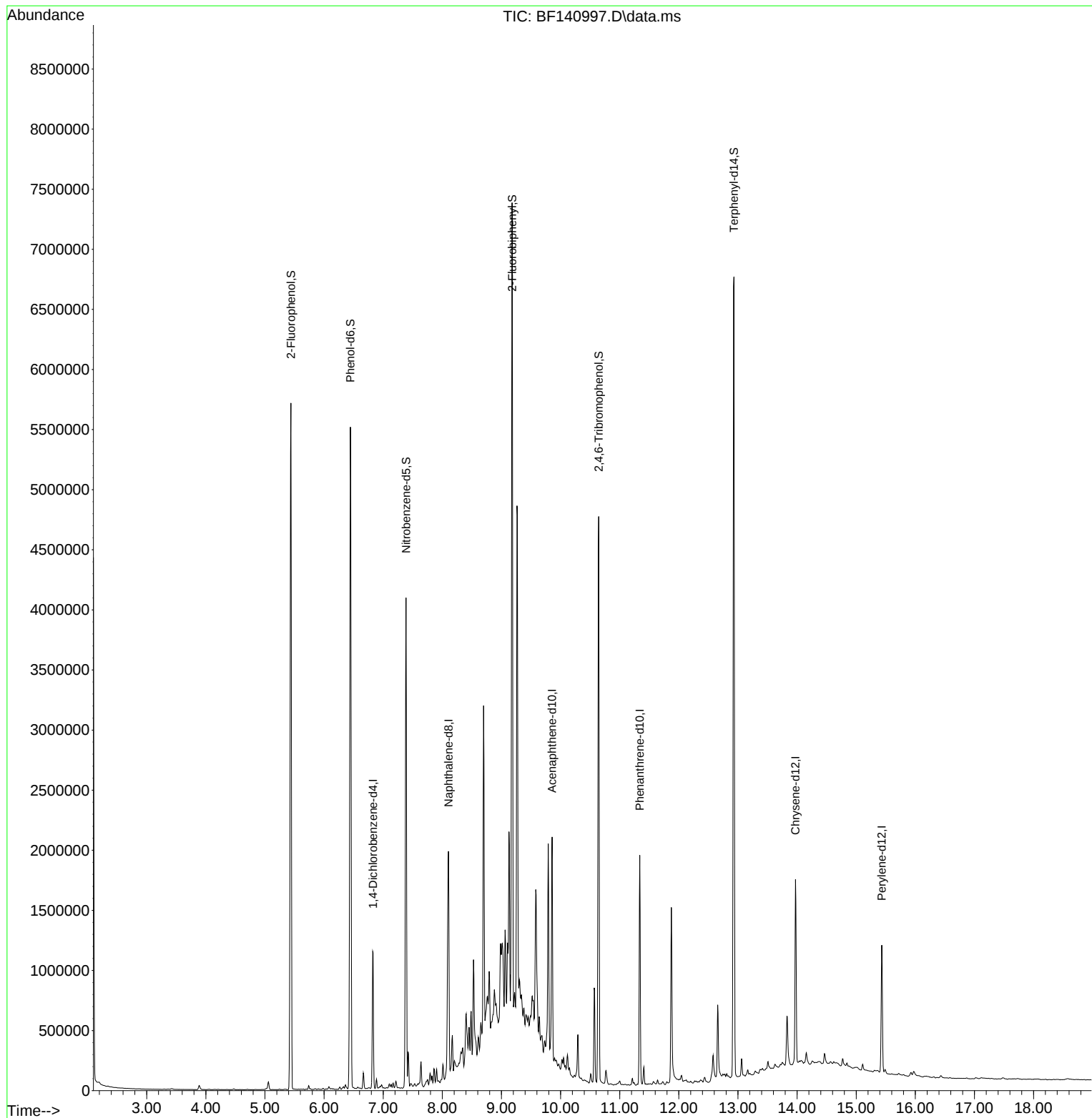
Target Compounds	Qvalue

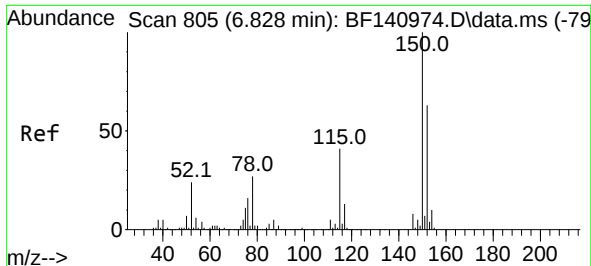
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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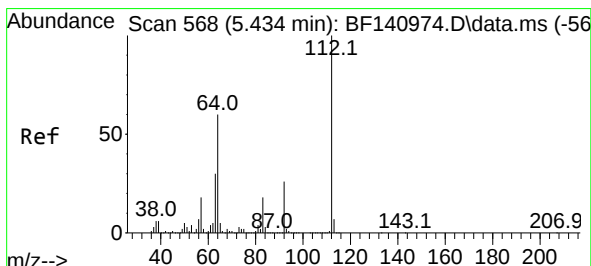
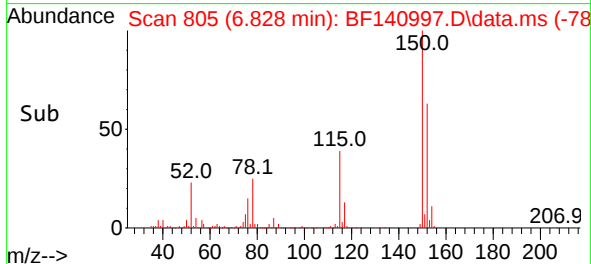
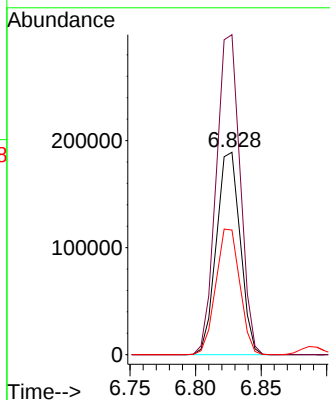
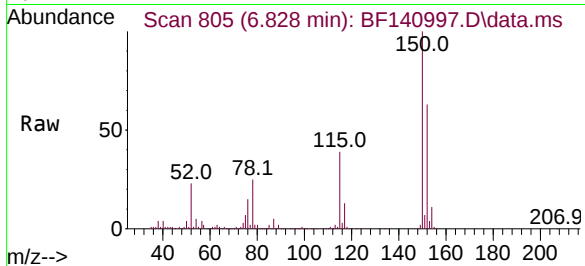




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

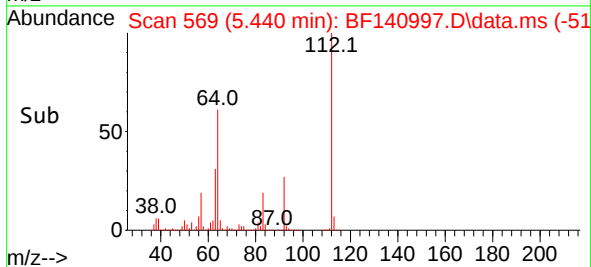
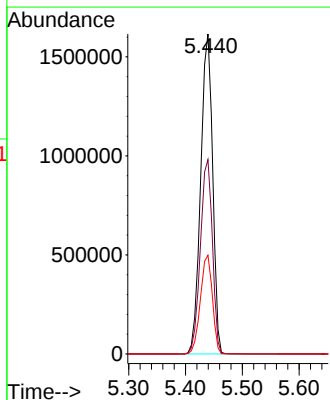
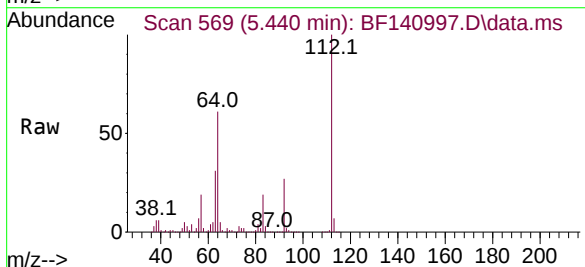
Instrument :
BNA_F
ClientSampleId :
SB-01

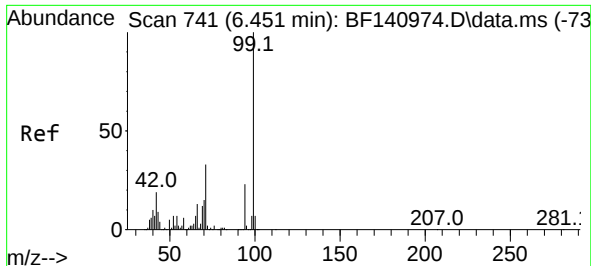
Tgt Ion:152 Resp: 238907
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 61.6 51.7 77.5



#5
2-Fluorophenol
Concen: 148.808 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

Tgt Ion:112 Resp: 2358477
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.8 24.2 36.2

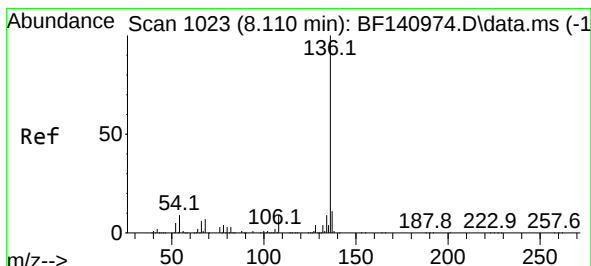
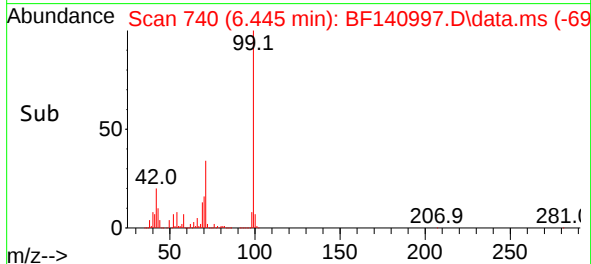
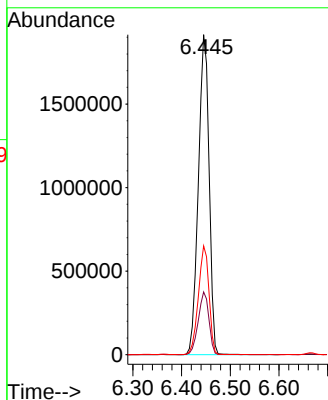
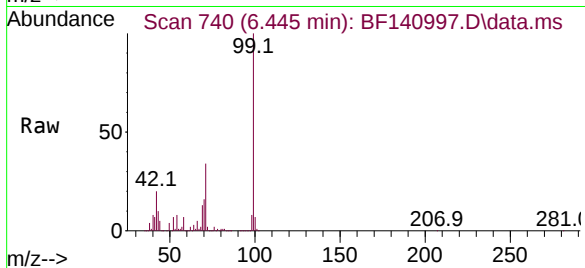




#7
Phenol-d6
Concen: 144.258 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

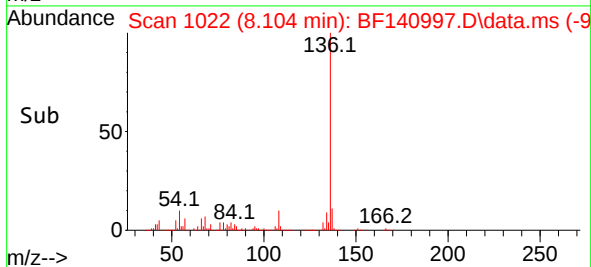
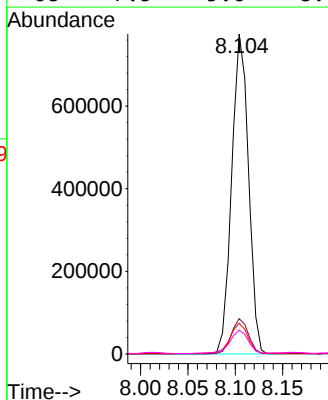
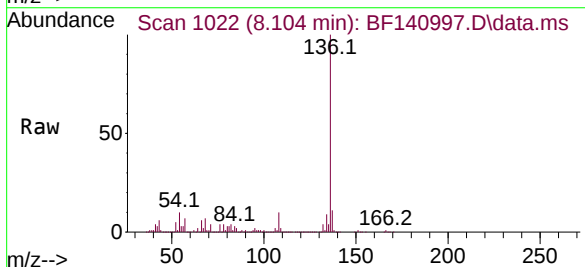
Instrument :
BNA_F
ClientSampleId :
SB-01

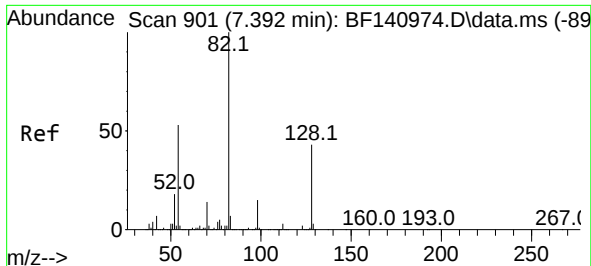
Tgt Ion: 99 Resp: 2945330
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.0 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

Tgt Ion: 136 Resp: 955704
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.6 7.6 11.4
68 7.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 125.408 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140997.D

Acq: 27 Dec 2024 15:26

Instrument :

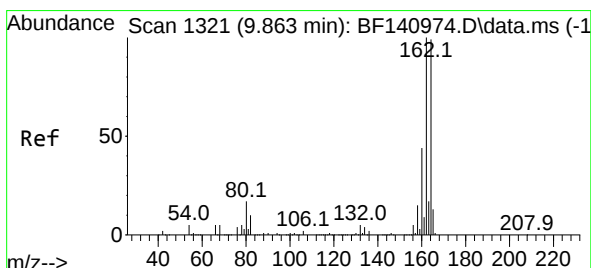
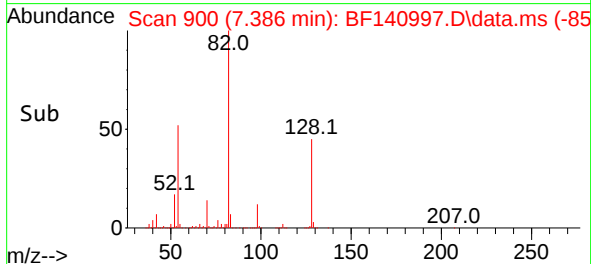
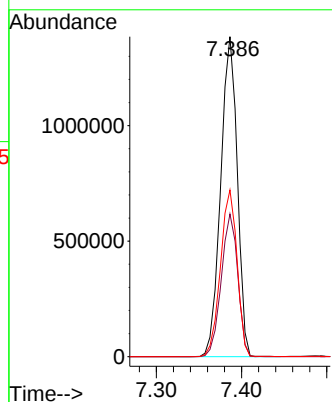
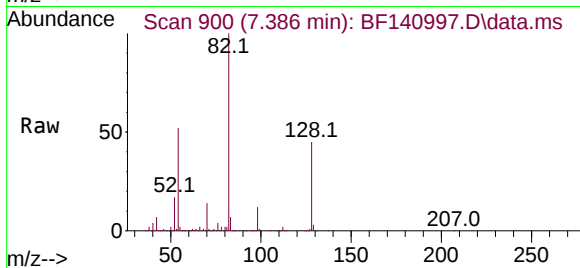
BNA_F

ClientSampleId :

SB-01

Tgt Ion: 82 Resp: 1873347

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	52.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

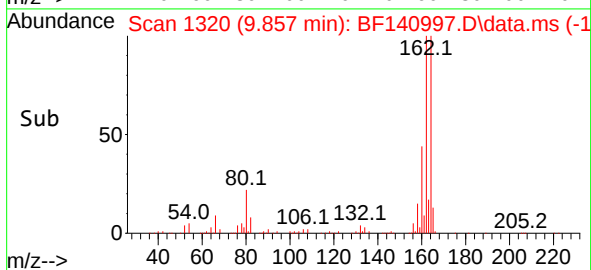
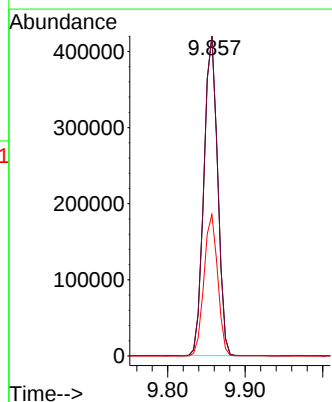
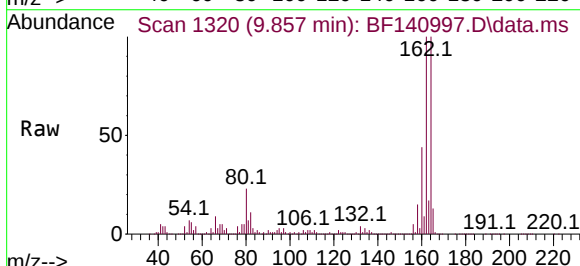
Delta R.T. -0.006 min

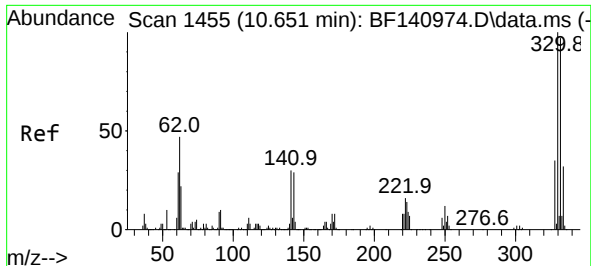
Lab File: BF140997.D

Acq: 27 Dec 2024 15:26

Tgt Ion: 164 Resp: 516337

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	44.2	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 171.894 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140997.D

Acq: 27 Dec 2024 15:26

Instrument :

BNA_F

ClientSampleId :

SB-01

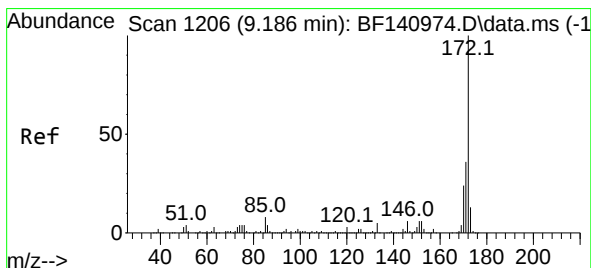
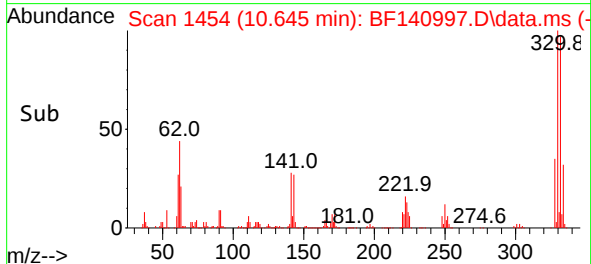
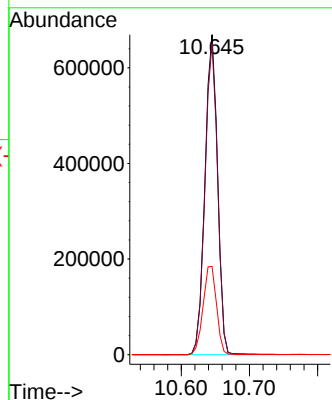
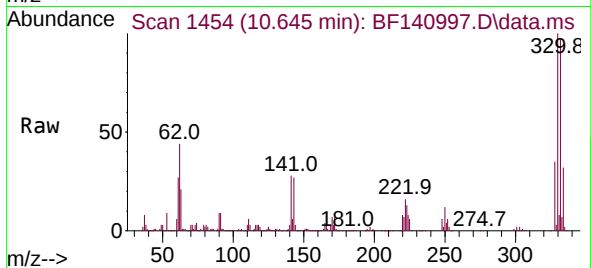
Tgt Ion:330 Resp: 862439

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 29.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 89.277 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140997.D

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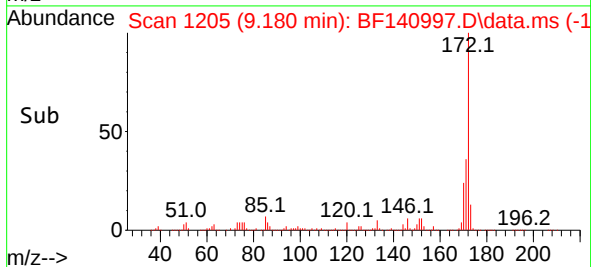
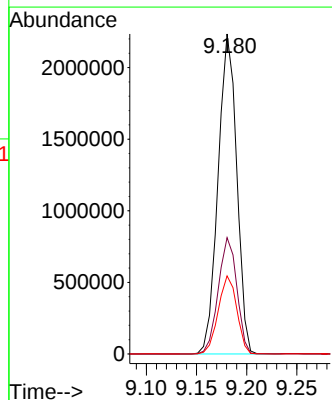
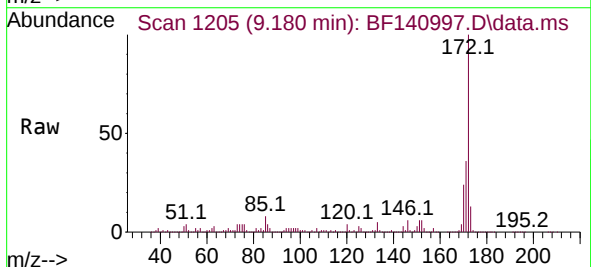
Tgt Ion:172 Resp: 2893279

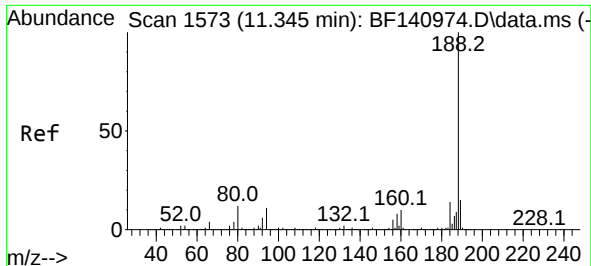
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.4 19.6 29.4

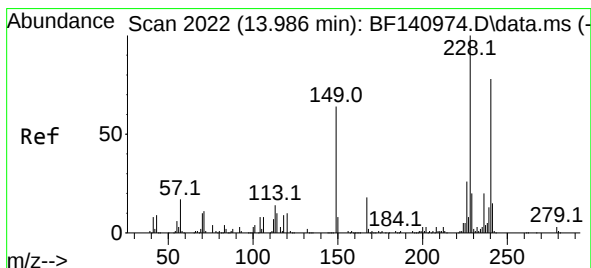
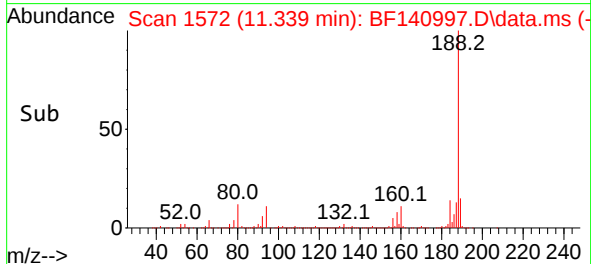
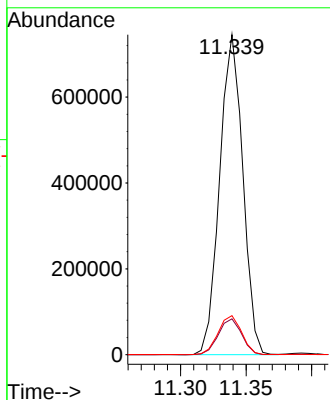
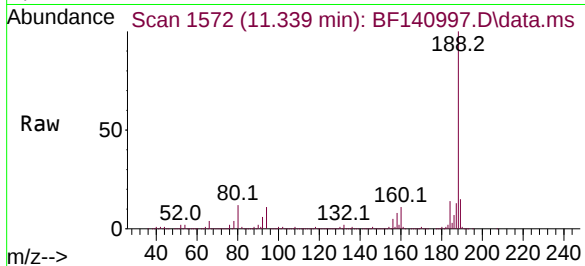




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

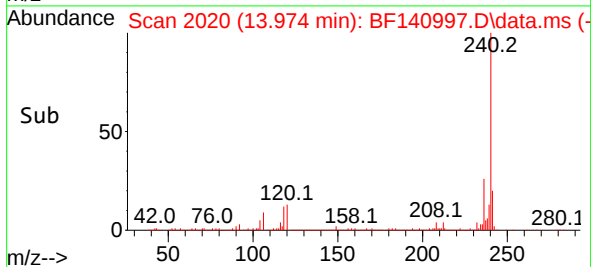
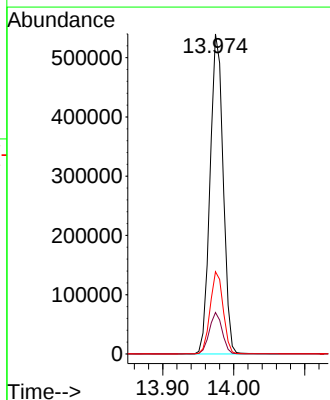
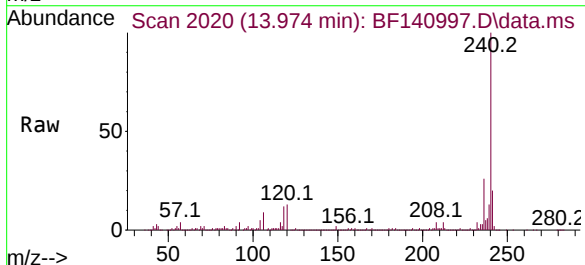
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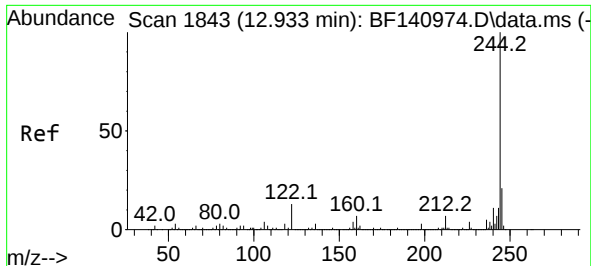
Tgt Ion:188 Resp: 913709
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF140997.D
Acq: 27 Dec 2024 15:26

Tgt Ion:240 Resp: 692228
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 25.7 20.6 31.0

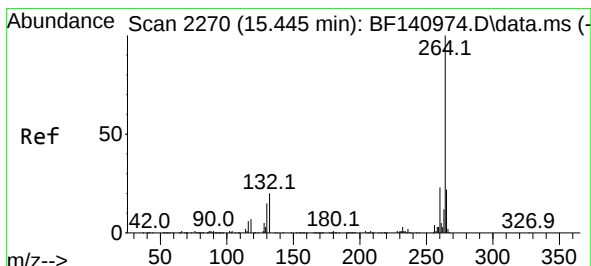
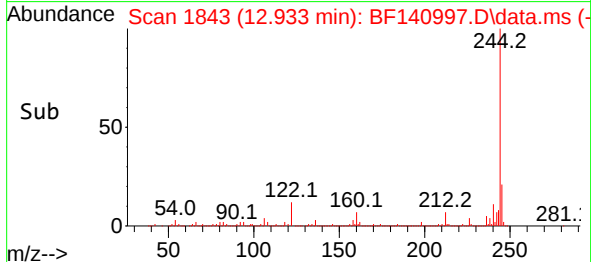
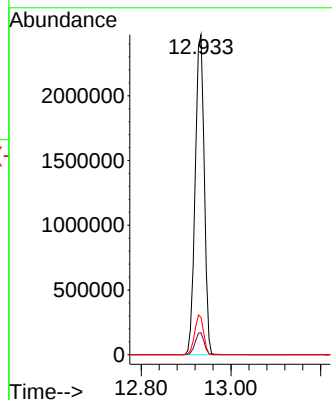
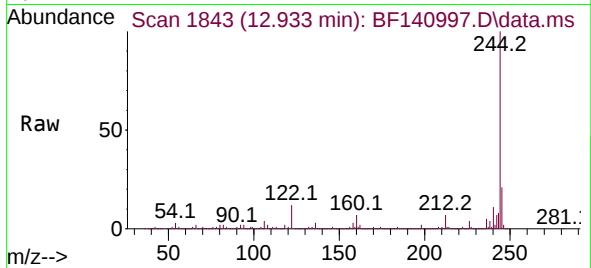




#79
 Terphenyl-d14
 Concen: 82.803 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140997.D
 Acq: 27 Dec 2024 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tgt Ion:244 Resp: 3450870
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.7 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.012 min
 Lab File: BF140997.D
 Acq: 27 Dec 2024 15:26

Tgt Ion:264 Resp: 585265
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.4 17.4 26.2

