

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141012.D
 Acq On : 27 Dec 2024 22:10
 Operator : RC/JU
 Sample : P5330-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5RE

Quant Time: Dec 27 23:22:29 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	241645	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	904836	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	405268	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	570571	20.000	ng	0.00
76) Chrysene-d12	13.974	240	438379	20.000	ng	-0.01
86) Perylene-d12	15.427	264	332095	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1158680	72.278	ng	0.00
7) Phenol-d6	6.439	99	1564353	75.751	ng	-0.01
23) Nitrobenzene-d5	7.381	82	928495	65.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	325502	82.656	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	1650159	64.873	ng	0.00
79) Terphenyl-d14	12.927	244	1693145	64.152	ng	0.00

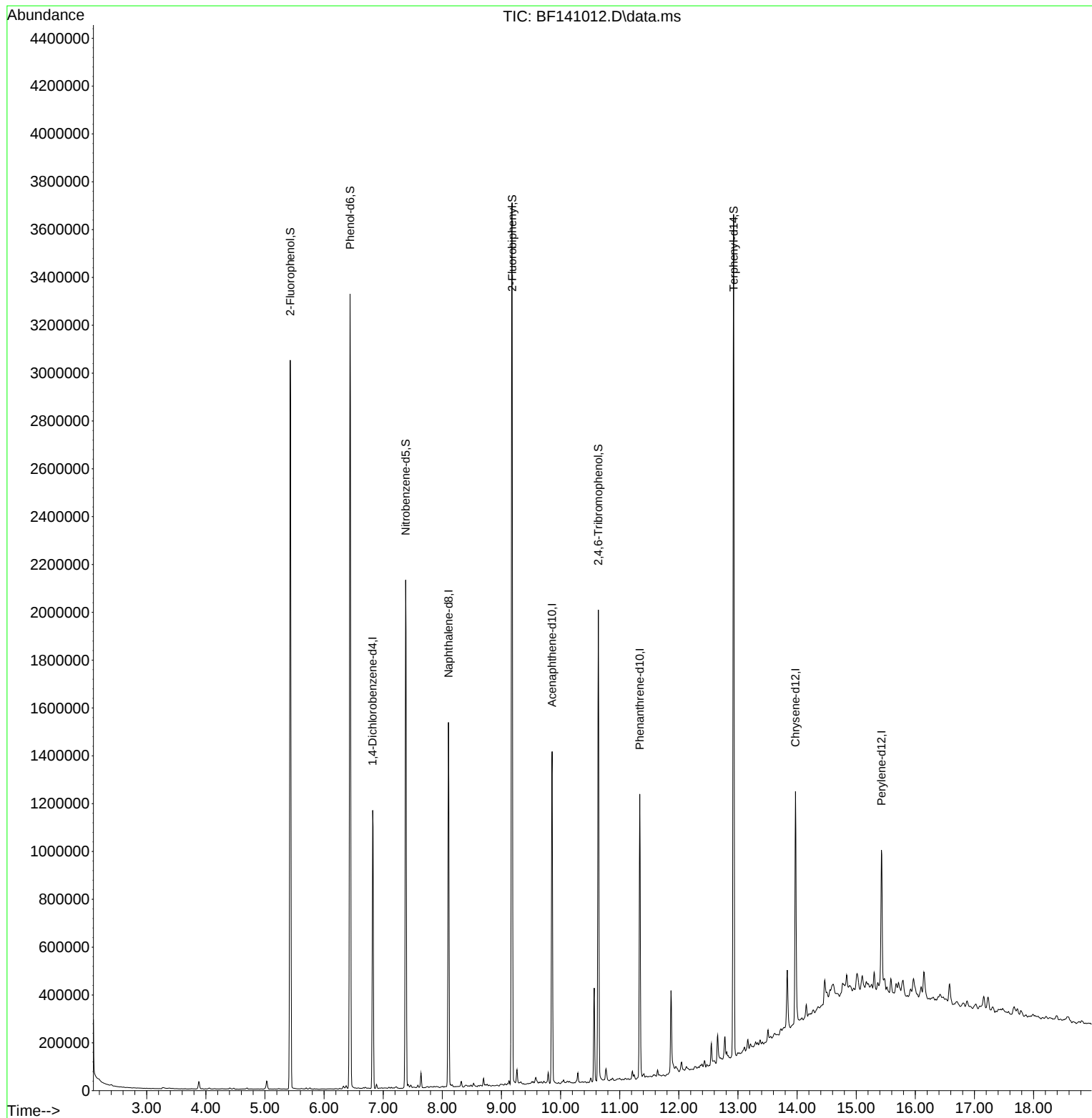
Target Compounds	Qvalue

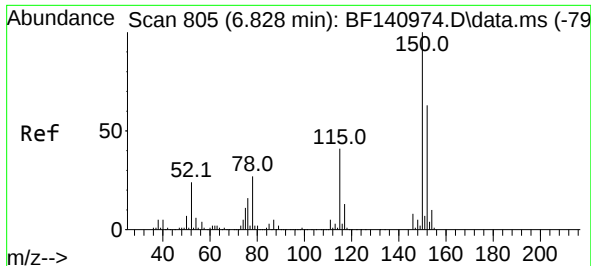
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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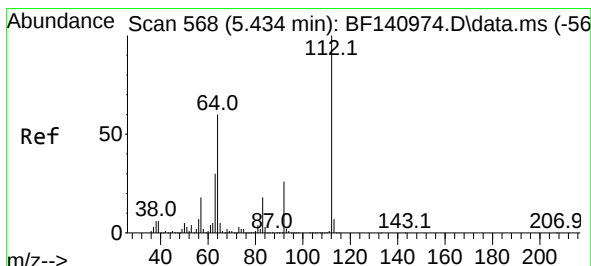
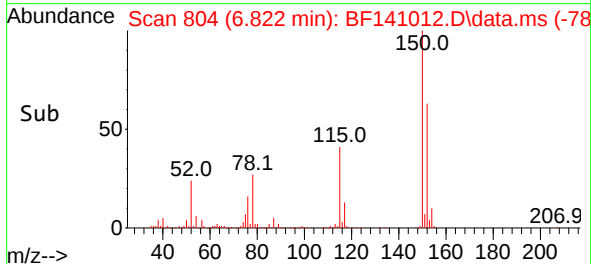
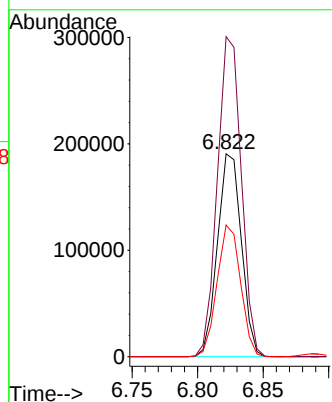
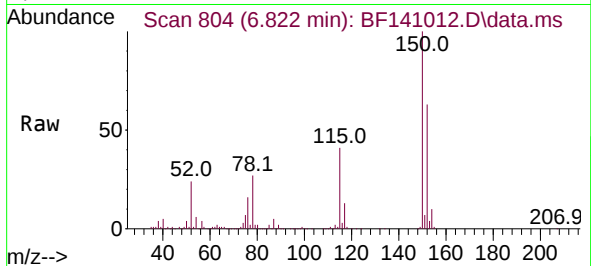




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

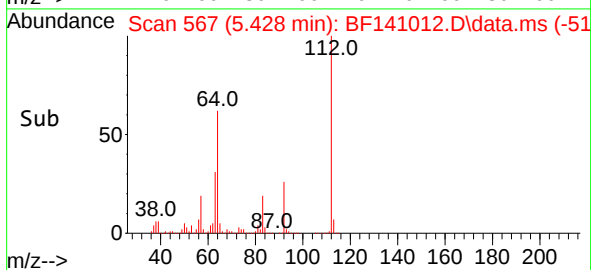
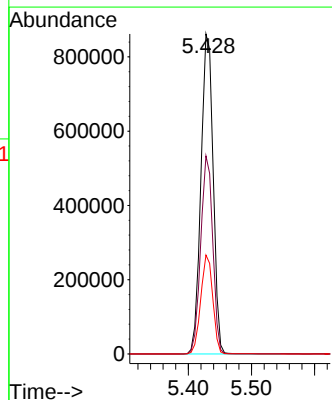
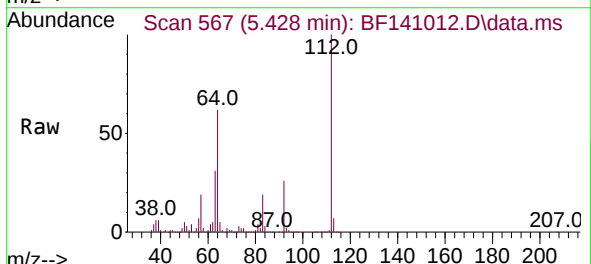
Instrument :
BNA_F
ClientSampleId :
TP-5RE

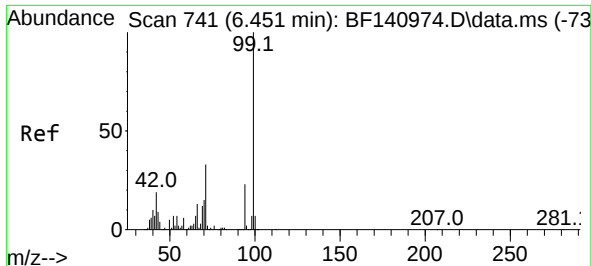
Tgt Ion:152 Resp: 241645
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 64.9 51.7 77.5



#5
2-Fluorophenol
Concen: 72.278 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

Tgt Ion:112 Resp: 1158680
Ion Ratio Lower Upper
112 100
64 61.9 47.7 71.5
63 30.9 24.2 36.2

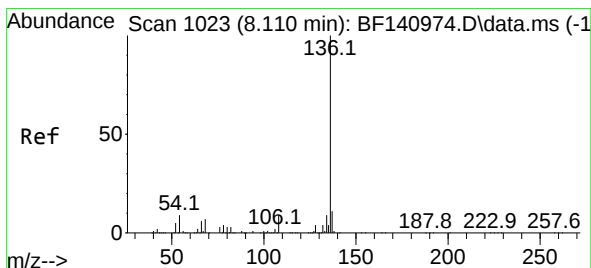
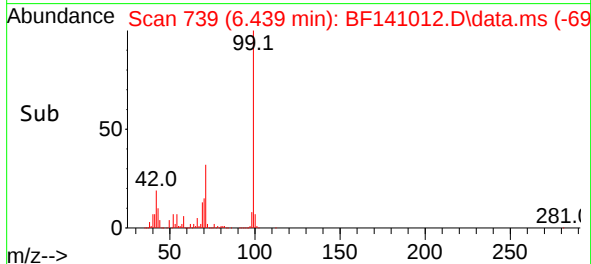
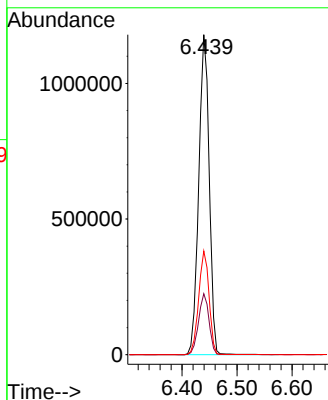
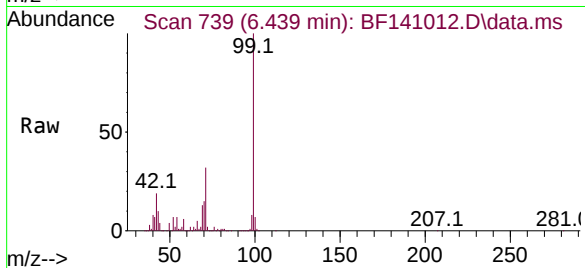




#7
Phenol-d6
Concen: 75.751 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

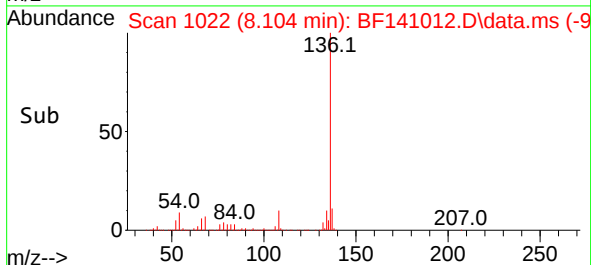
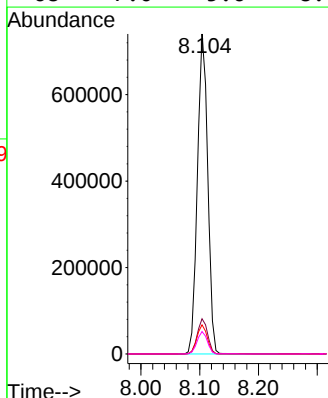
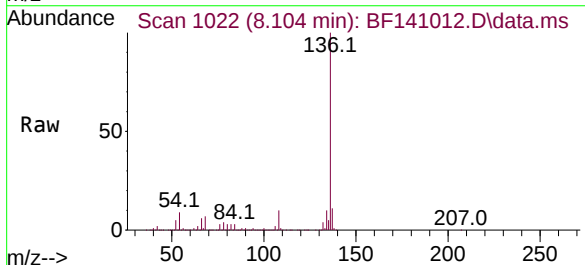
Instrument :
BNA_F
ClientSampleId :
TP-5RE

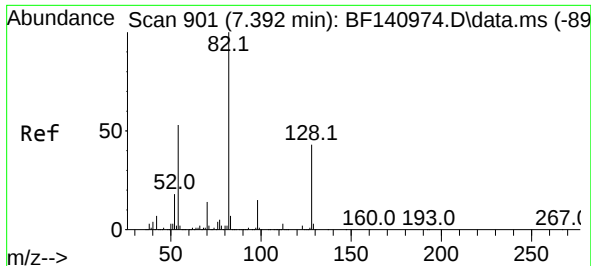
Tgt Ion: 99 Resp: 1564353
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 32.4 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

Tgt Ion:136 Resp: 904836
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.1 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 65.651 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141012.D

Acq: 27 Dec 2024 22:10

Instrument :

BNA_F

ClientSampleId :

TP-5RE

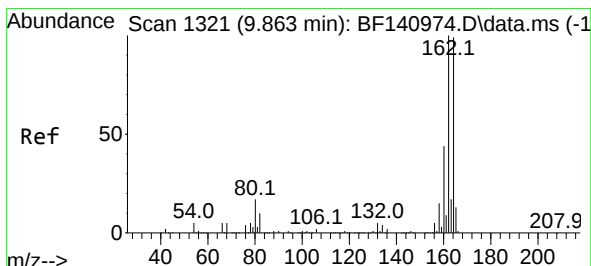
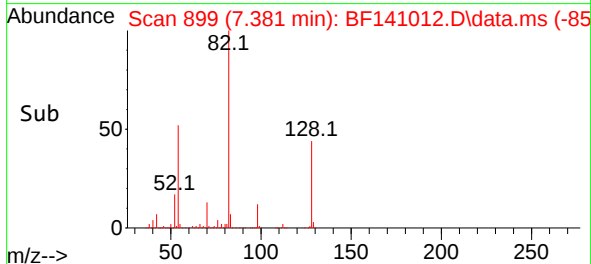
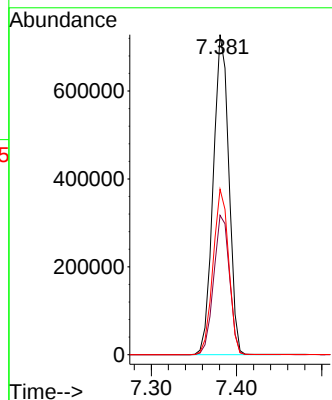
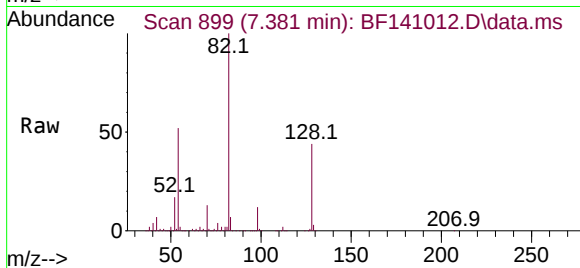
Tgt Ion: 82 Resp: 928495

Ion Ratio Lower Upper

82 100

128 43.6 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: BF141012.D

Acq: 27 Dec 2024 22:10

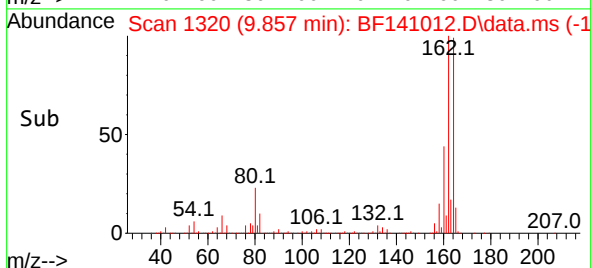
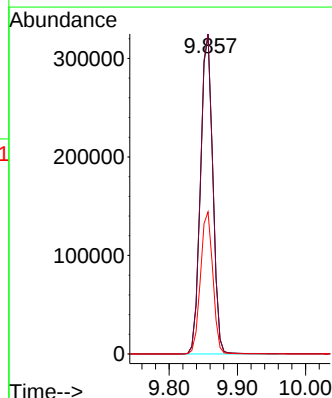
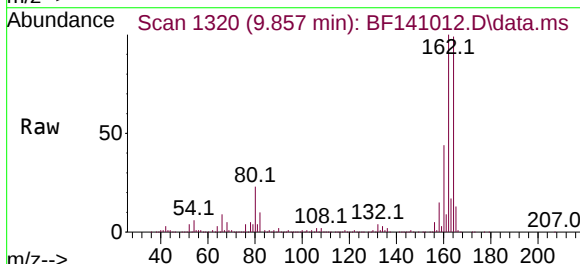
Tgt Ion: 164 Resp: 405268

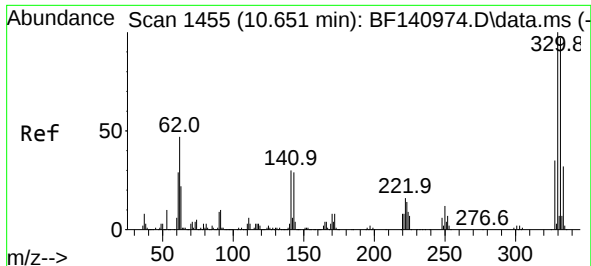
Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

160 44.7 35.7 53.5

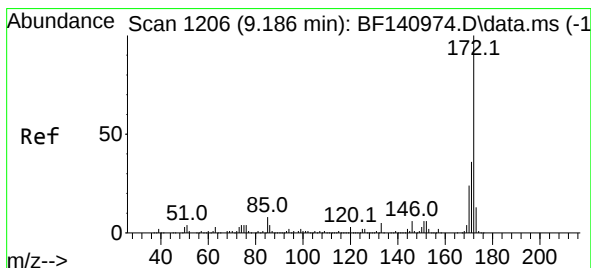
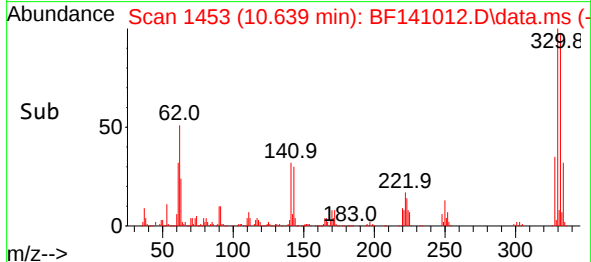
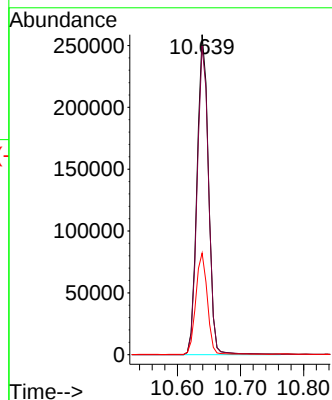
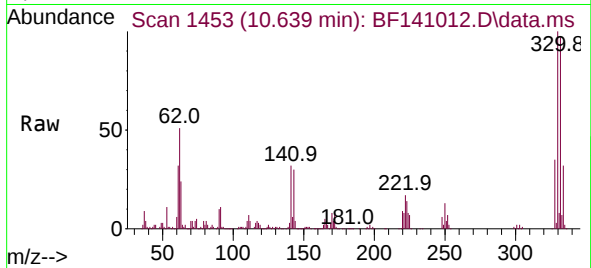




#42
2,4,6-Tribromophenol
Concen: 82.656 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

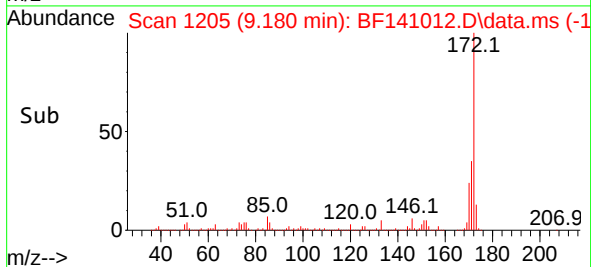
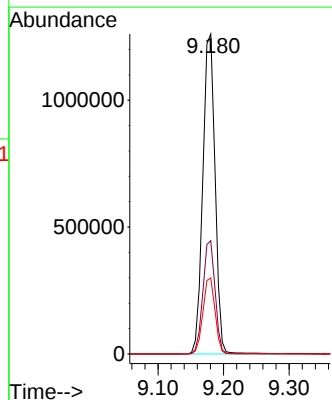
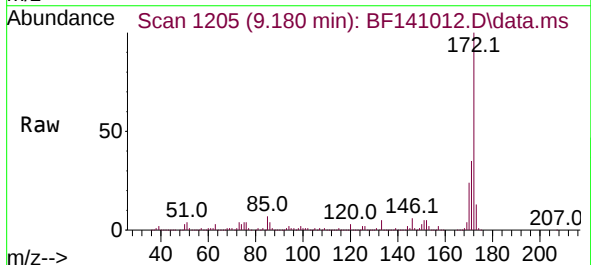
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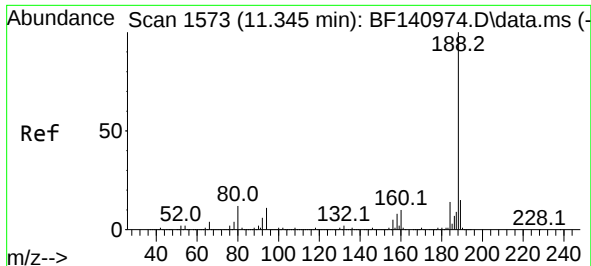
Tgt Ion:330 Resp: 325502
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.9 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 64.873 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

Tgt Ion:172 Resp: 1650159
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.7 19.6 29.4

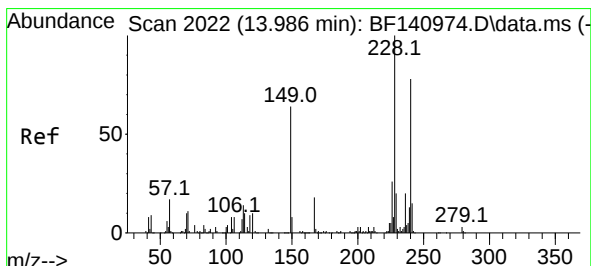
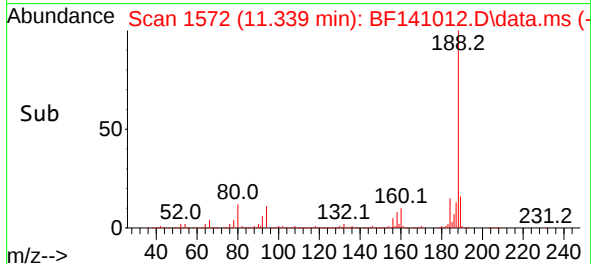
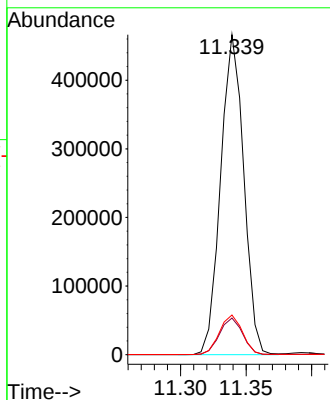
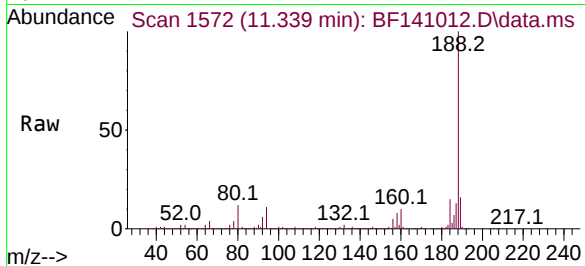




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

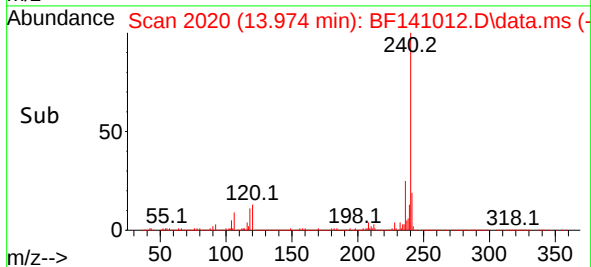
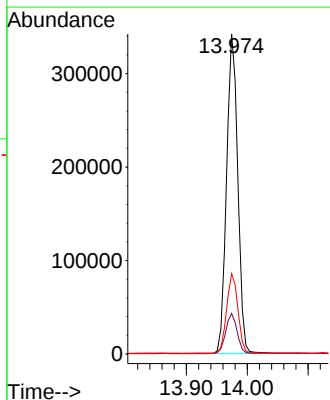
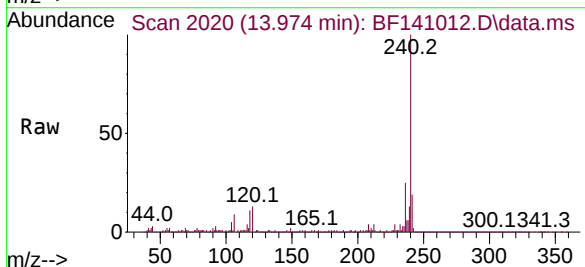
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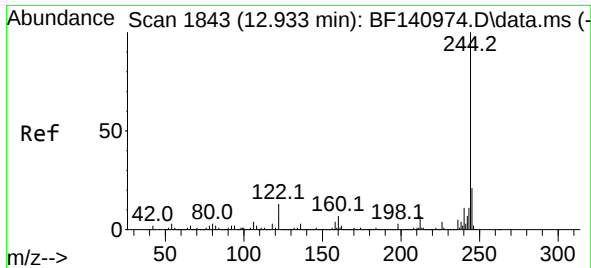
Tgt Ion:188 Resp: 570571
Ion Ratio Lower Upper
188 100
94 11.4 9.0 13.6
80 12.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141012.D
Acq: 27 Dec 2024 22:10

Tgt Ion:240 Resp: 438379
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 25.1 20.6 31.0

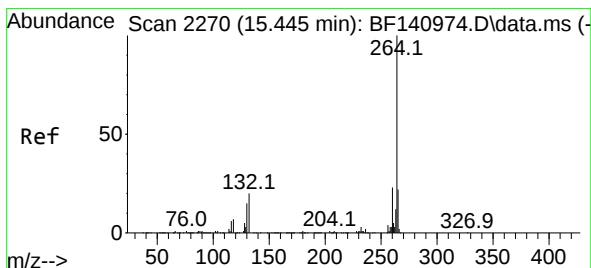
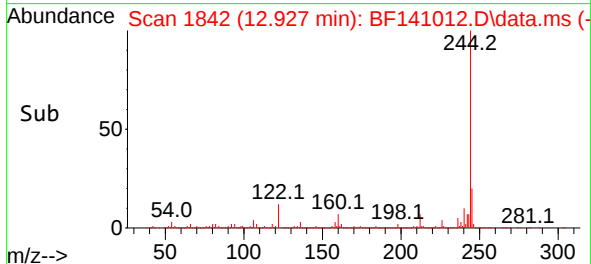
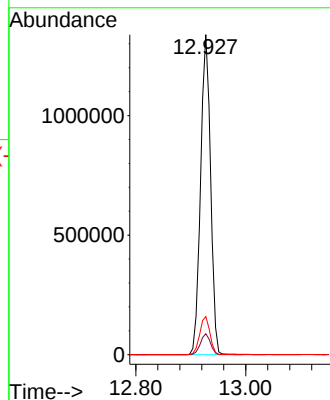
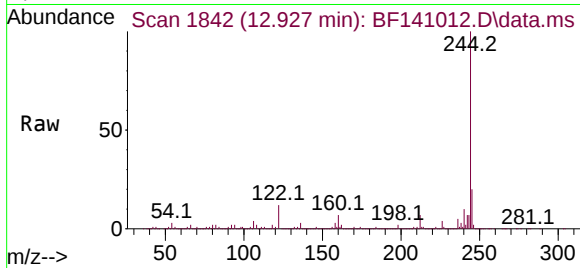




#79
 Terphenyl-d14
 Concen: 64.152 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141012.D
 Acq: 27 Dec 2024 22:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-5RE

Tgt Ion:244 Resp: 1693145
 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: 15.427 min Scan# 2267
 Delta R.T. -0.018 min
 Lab File: BF141012.D
 Acq: 27 Dec 2024 22:10

Tgt Ion:264 Resp: 332095
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.7 17.4 26.2

