

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140076.D
 Acq On : 28 Oct 2024 10:01
 Operator : RC/JU
 Sample : PB164444BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164444BL

Quant Time: Oct 28 11:22:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132330	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	518019	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	298114	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	550598	20.000	ng	0.00
76) Chrysene-d12	14.045	240	341644	20.000	ng	0.00
86) Perylene-d12	15.527	264	261224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1015752	120.165	ng	0.02
7) Phenol-d6	6.510	99	1244979	113.718	ng	0.00
23) Nitrobenzene-d5	7.445	82	849954	90.938	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	370207	132.764	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1571487	87.121	ng	0.00
79) Terphenyl-d14	12.998	244	1868766	89.131	ng	0.00

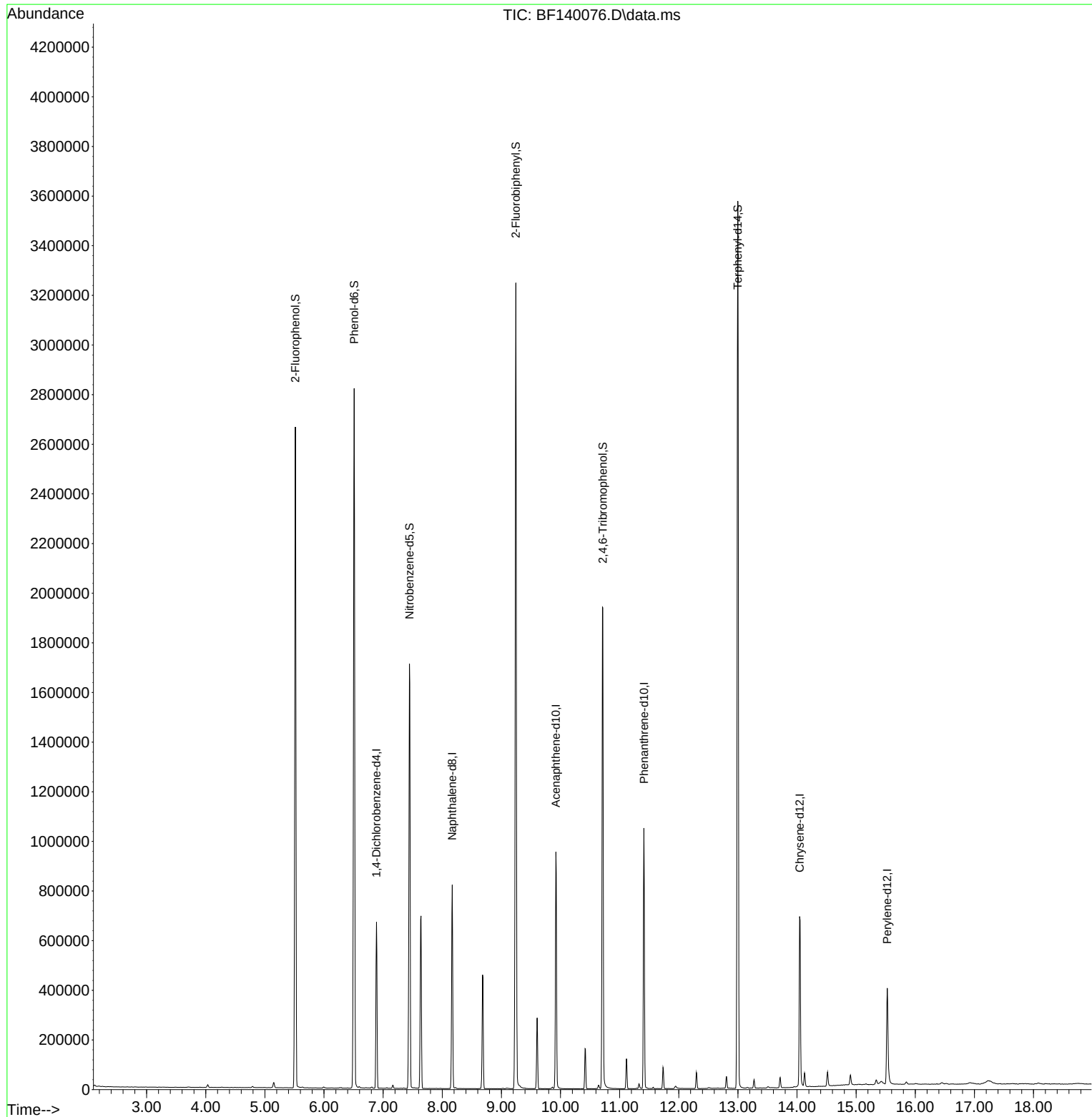
Target Compounds	Qvalue

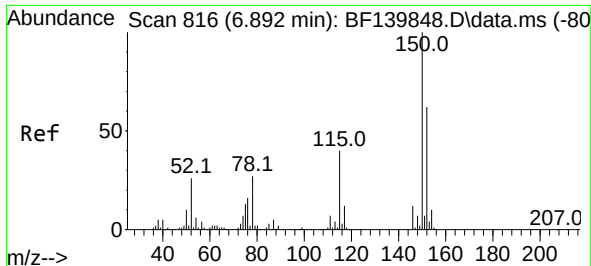
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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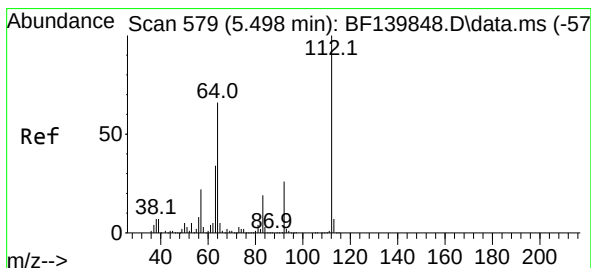
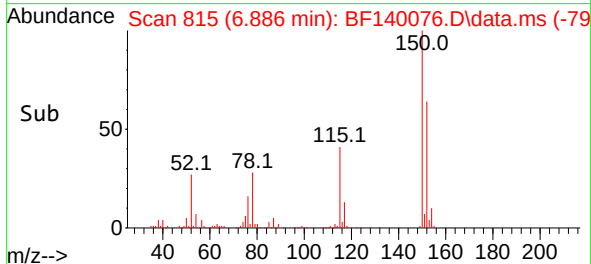
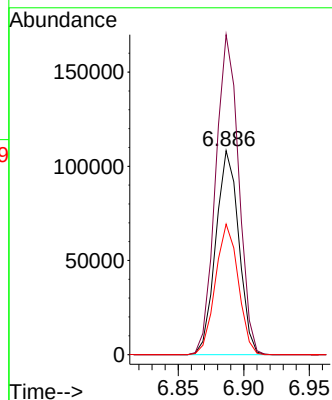
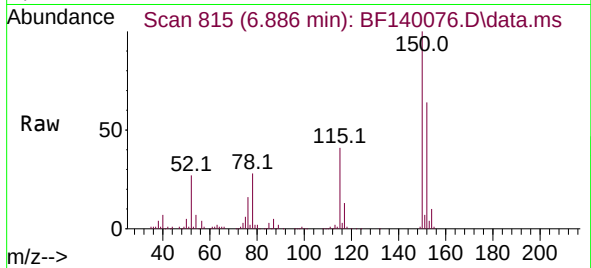




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

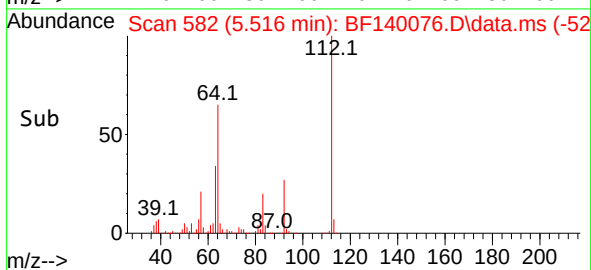
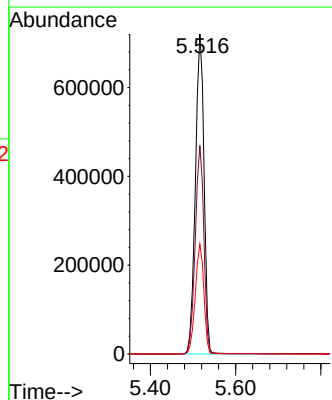
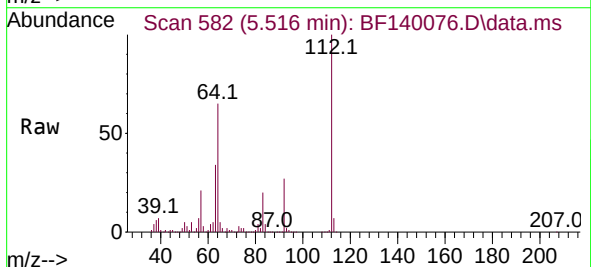
Instrument :
BNA_F
ClientSampleId :
PB164444BL

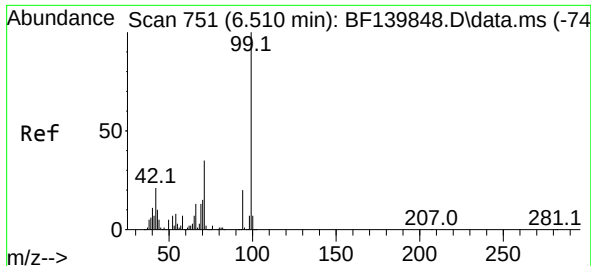
Tgt Ion:152 Resp: 132330
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 120.165 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion:112 Resp: 1015752
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.3 27.0 40.4

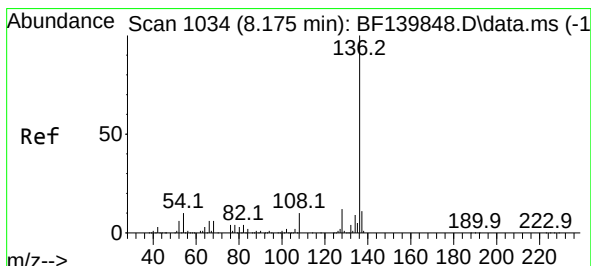
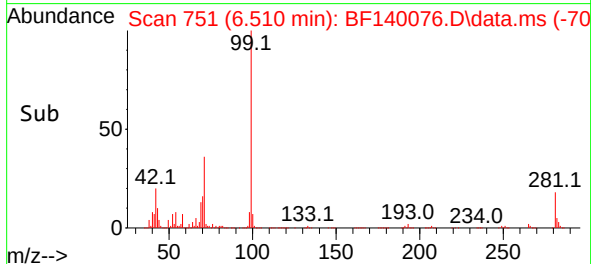
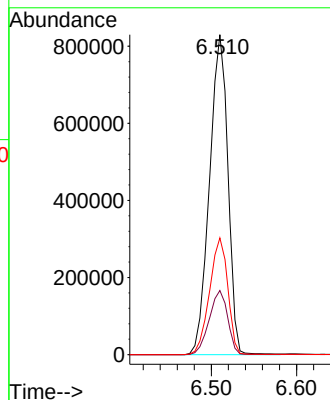
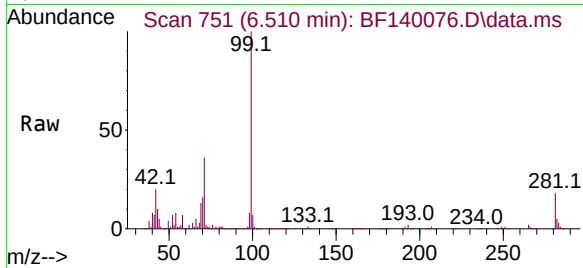




#7
Phenol-d6
Concen: 113.718 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

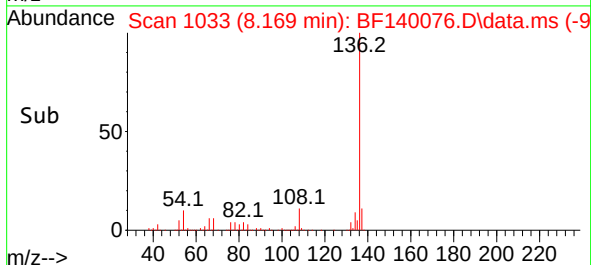
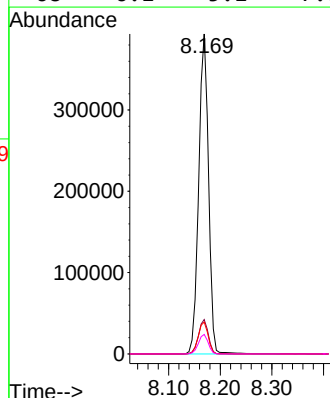
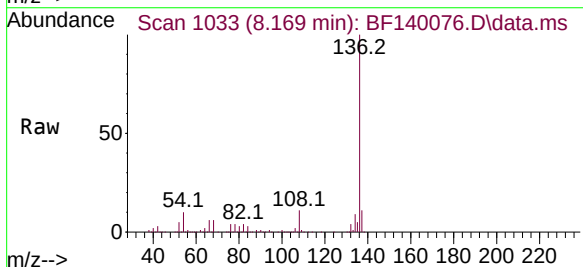
Instrument :
BNA_F
ClientSampleId :
PB164444BL

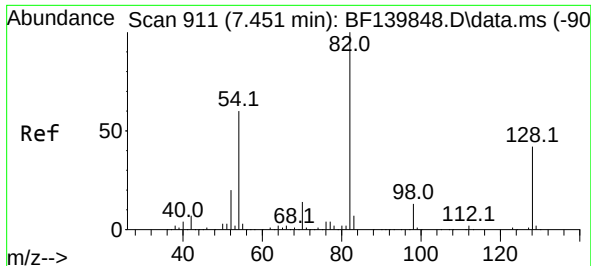
Tgt Ion: 99 Resp: 1244979
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 36.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion: 136 Resp: 518019
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 8.4 12.6
68 6.1 5.1 7.7

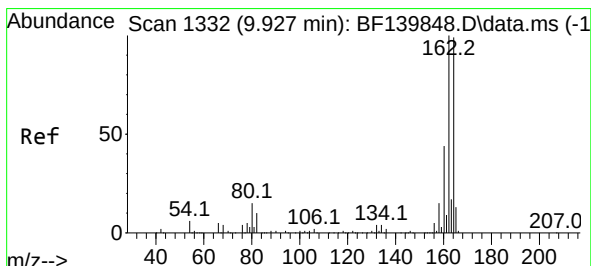
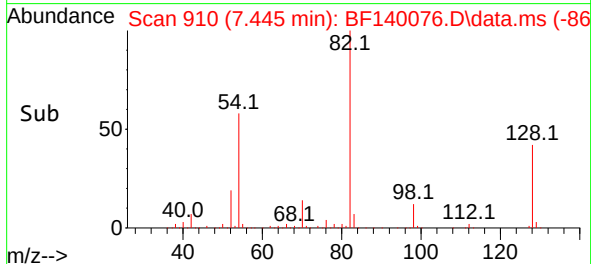
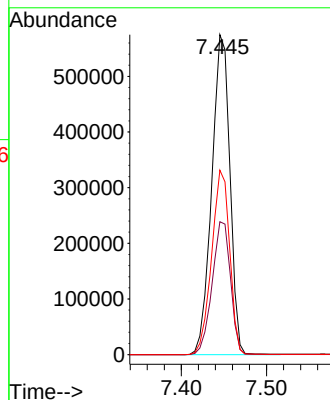
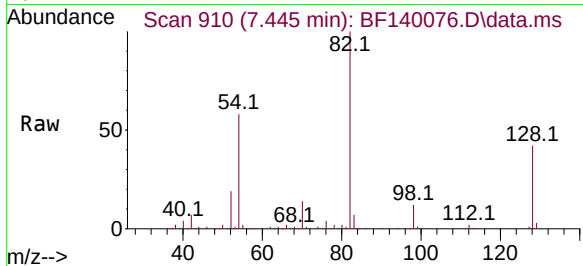




#23
Nitrobenzene-d5
Concen: 90.938 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

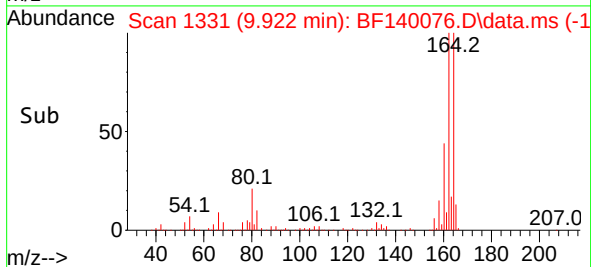
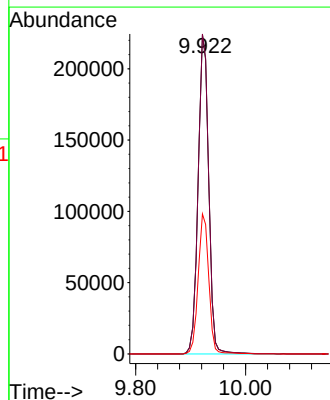
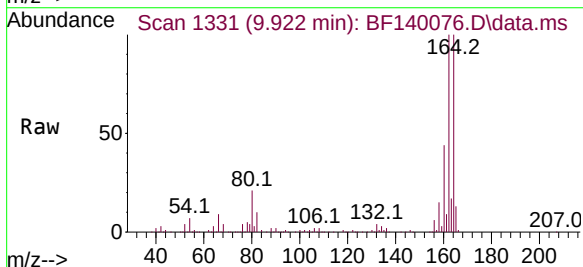
Instrument :
BNA_F
ClientSampleId :
PB164444BL

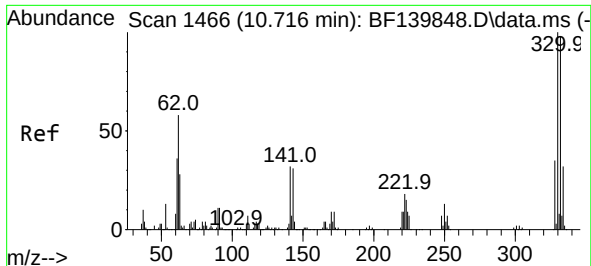
Tgt Ion: 82 Resp: 849954
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 57.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion:164 Resp: 298114
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 132.764 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140076.D

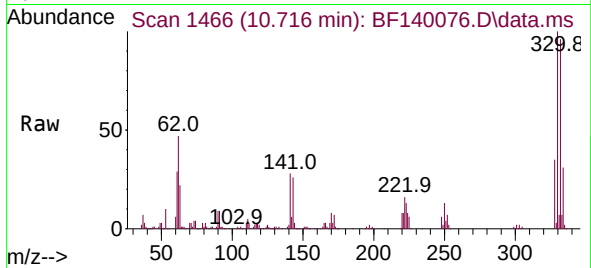
Acq: 28 Oct 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB164444BL



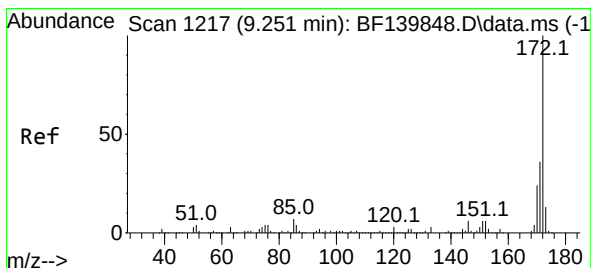
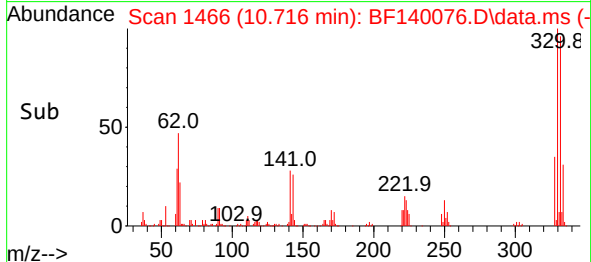
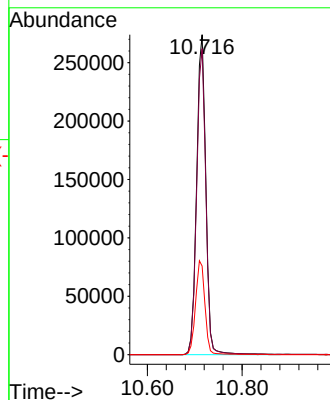
Tgt Ion:330 Resp: 370207

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

141 30.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.121 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140076.D

Acq: 28 Oct 2024 10:01

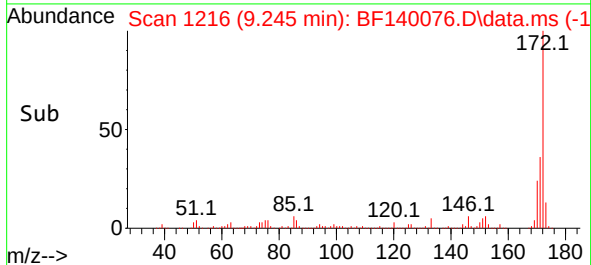
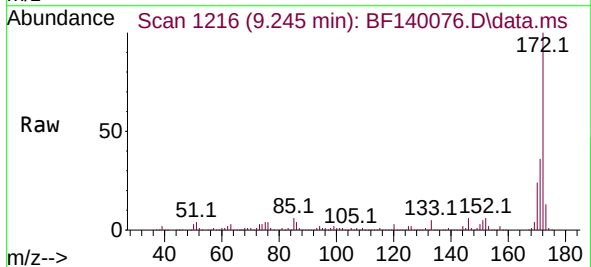
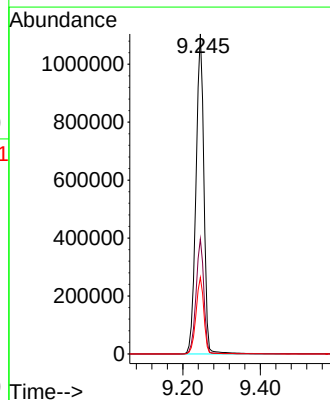
Tgt Ion:172 Resp: 1571487

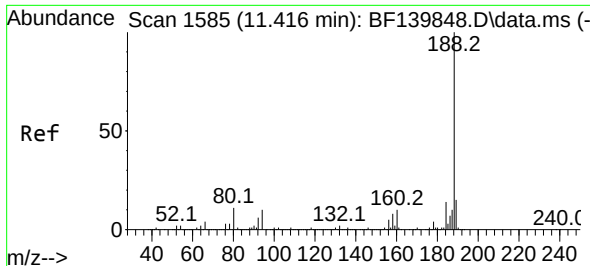
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7

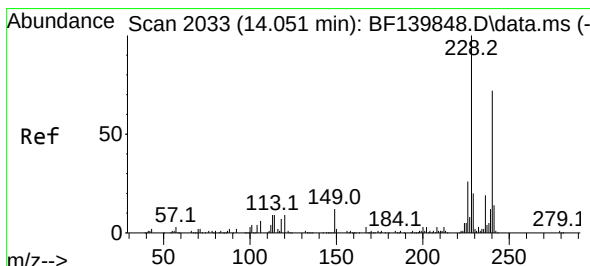
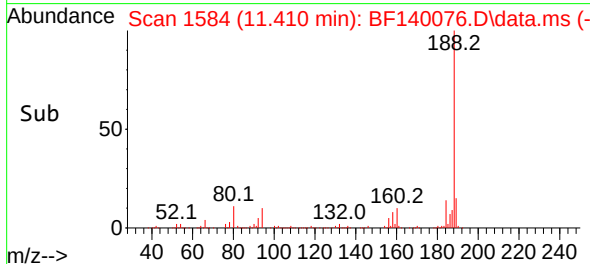
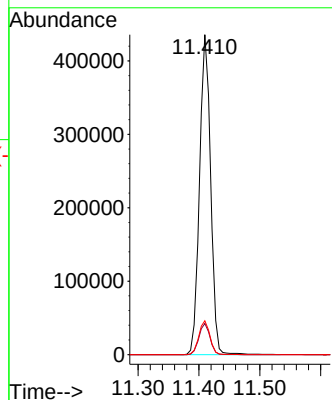
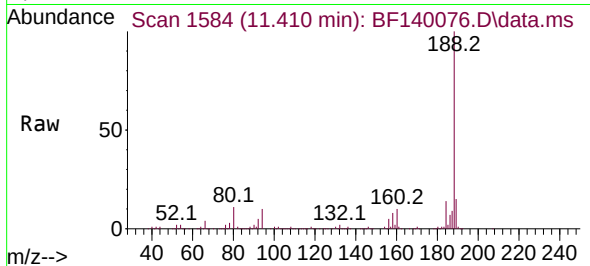




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

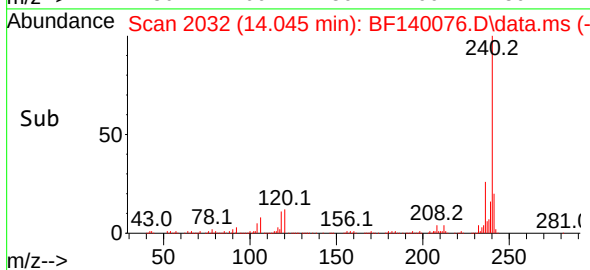
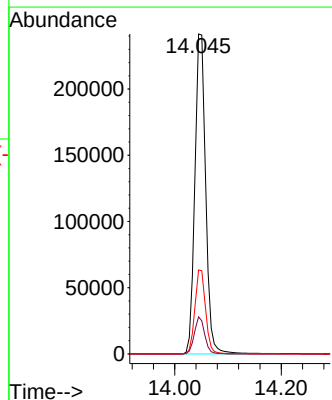
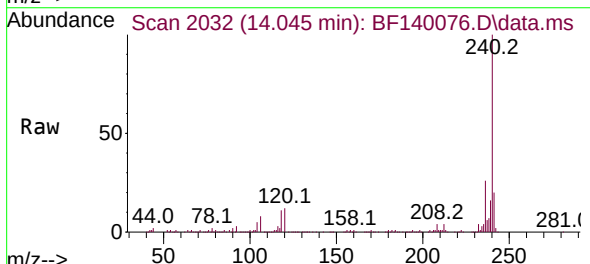
Instrument :
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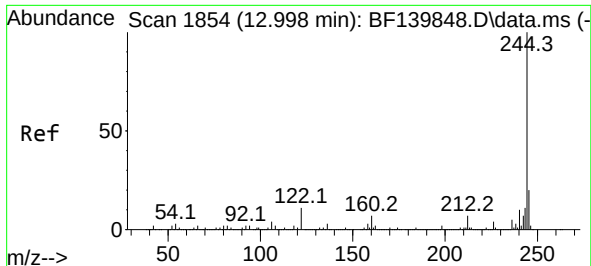
Tgt Ion:188 Resp: 550598
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

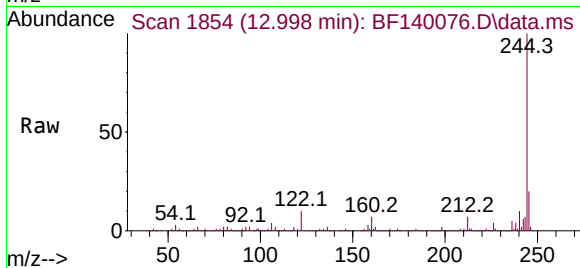
Tgt Ion:240 Resp: 341644
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.2 20.9 31.3



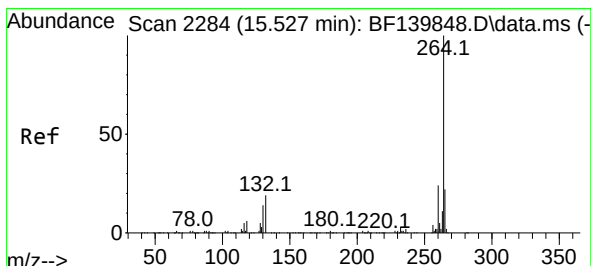
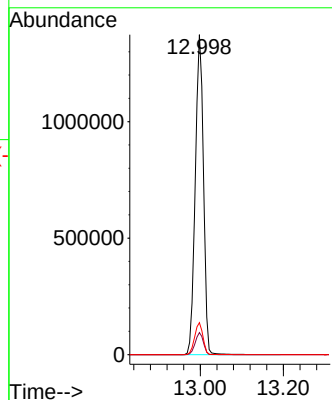
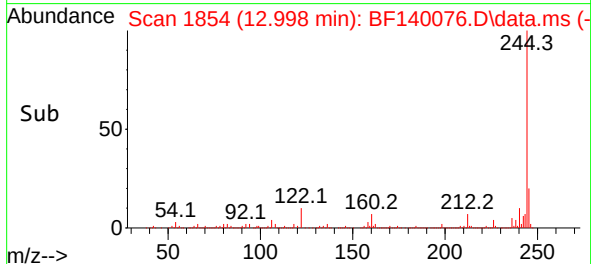


#79
 Terphenyl-d14
 Concen: 89.131 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140076.D
 Acq: 28 Oct 2024 10:01

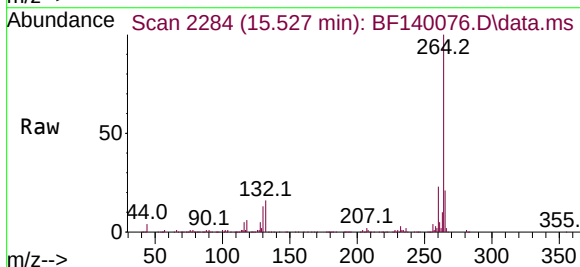
Instrument :
 BNA_F
 ClientSampleId :
 PB164444BL



Tgt Ion:244 Resp: 1868766
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140076.D
 Acq: 28 Oct 2024 10:01



Tgt Ion:264 Resp: 261224
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.3 17.4 26.0

