

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134416.D
 Acq On : 22 Jul 2023 11:46
 Operator : CG\JU
 Sample : PB154316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154316BL

Quant Time: Jul 22 13:54:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	75224	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	298263	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	146093	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	301047	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	226063	20.000	ng	0.00
86) Perylene-d12	15.545	264	199400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	673070	149.672	ng	0.02
7) Phenol-d6	6.487	99	809981	146.460	ng	0.00
23) Nitrobenzene-d5	7.404	82	535172	96.722	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	279217	152.435	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	926650	92.219	ng	0.00
79) Terphenyl-d14	12.974	244	1199652	85.407	ng	0.00

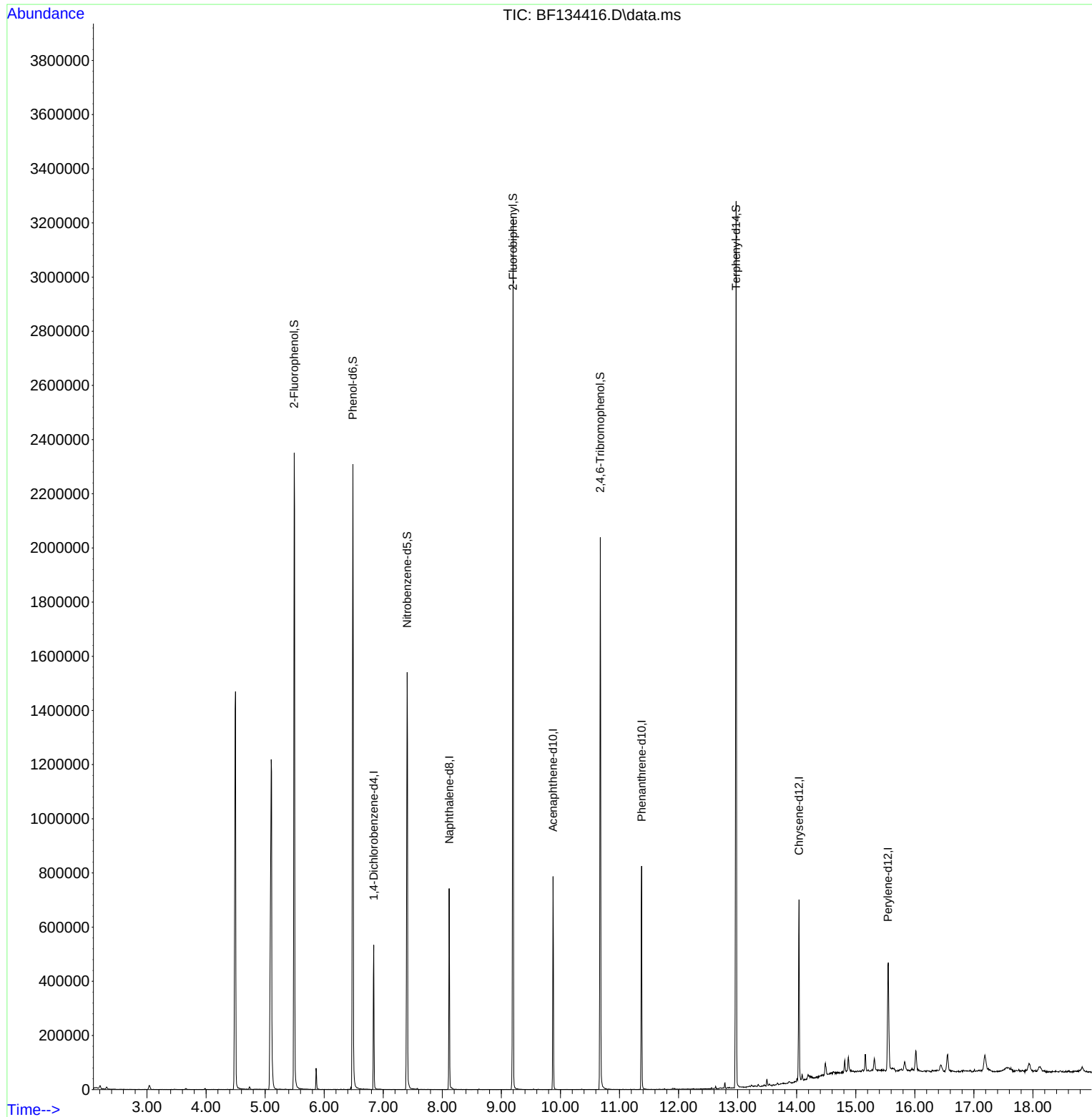
Target Compounds	Qvalue

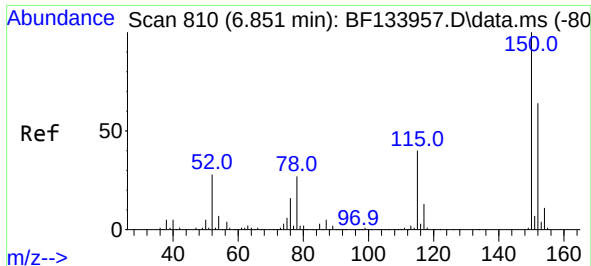
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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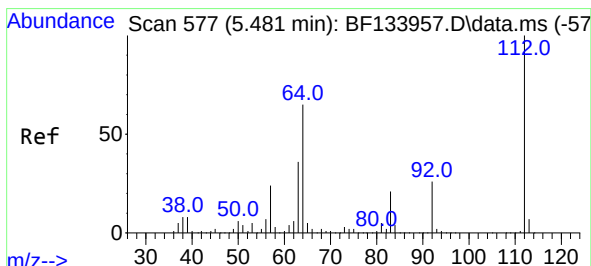
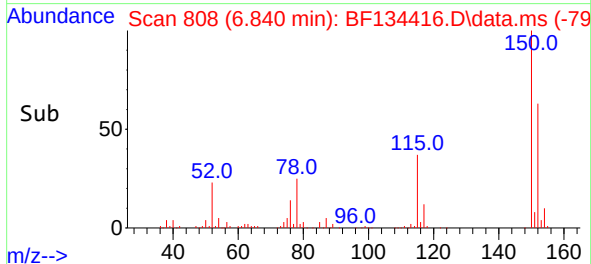
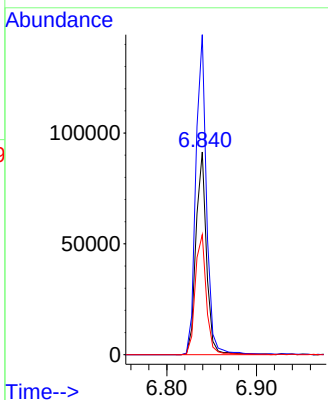
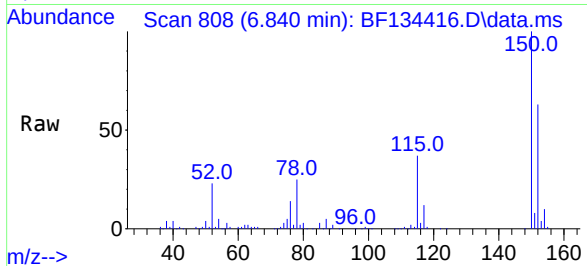




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

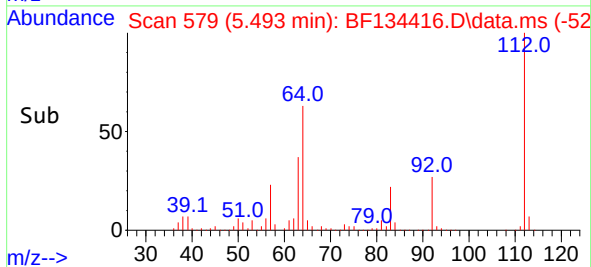
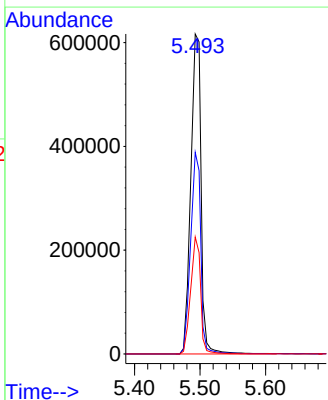
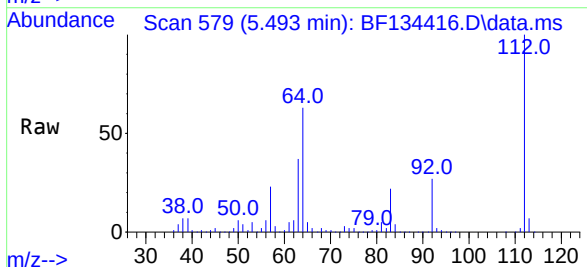
Instrument :
BNA_F
ClientSampleId :
PB154316BL

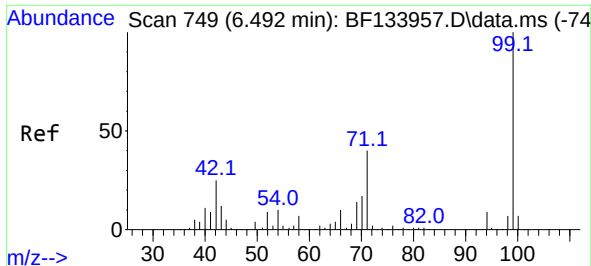
Tgt Ion:152 Resp: 75224
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 59.2 50.2 75.2



#5
2-Fluorophenol
Concen: 149.672 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:112 Resp: 673070
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.6 28.6 42.8

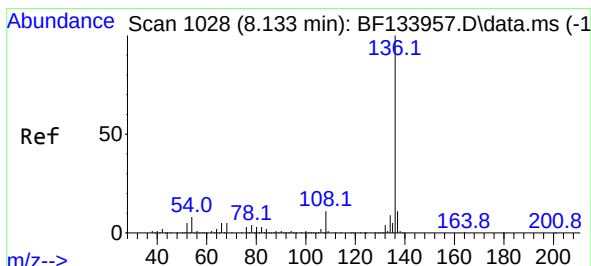
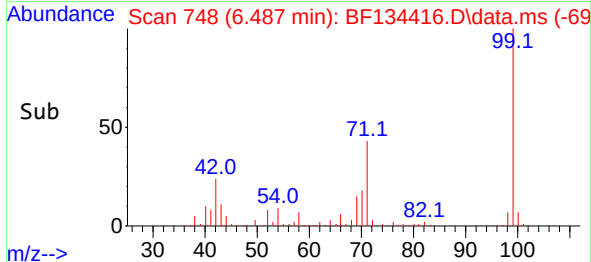
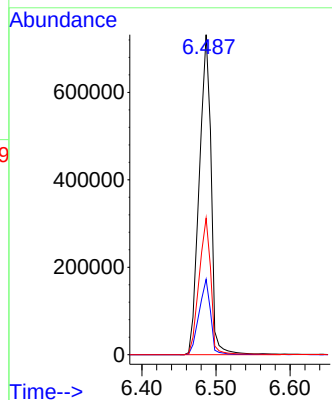
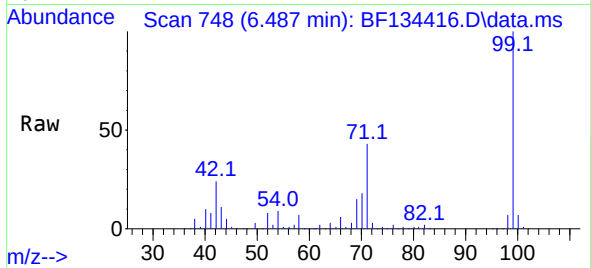




#7
Phenol-d6
Concen: 146.460 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

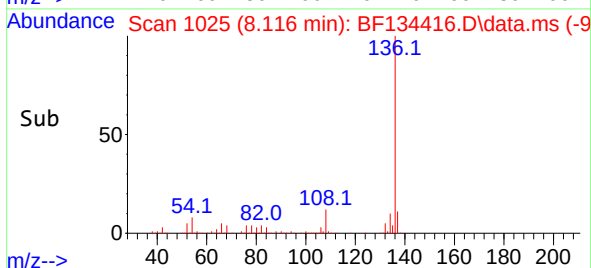
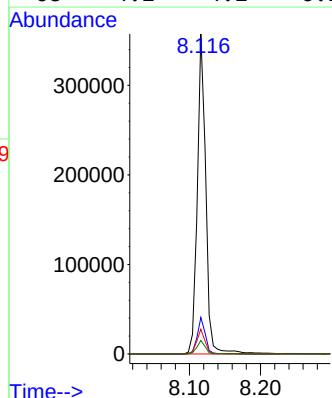
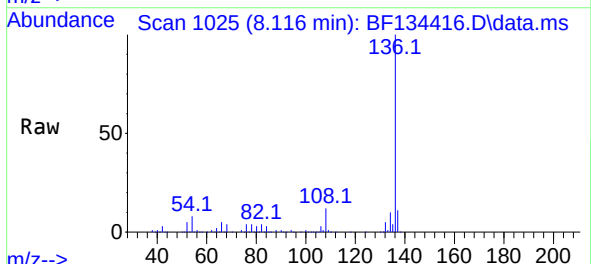
Instrument :
BNA_F
ClientSampleId :
PB154316BL

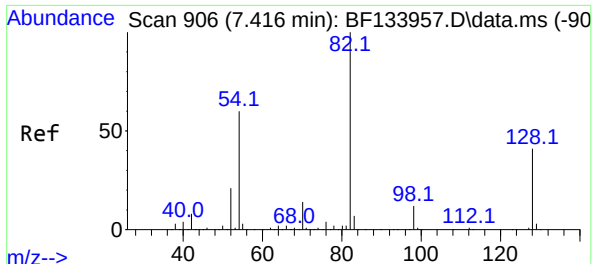
Tgt Ion: 99 Resp: 809981
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 42.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:136 Resp: 298263
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 7.8 6.5 9.7
68 4.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 96.722 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134416.D

Acq: 22 Jul 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB154316BL

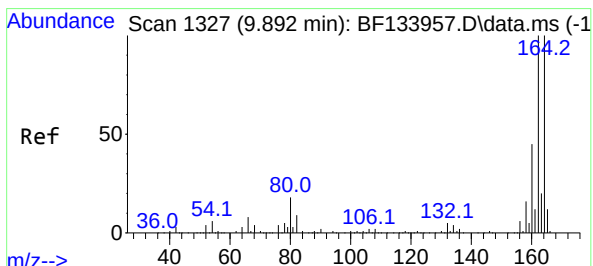
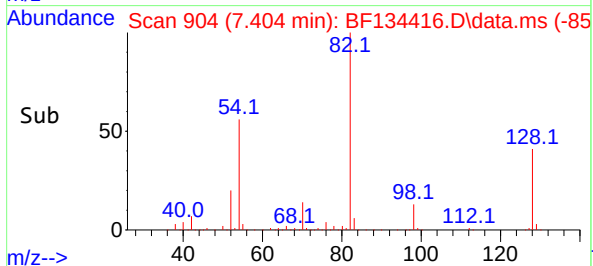
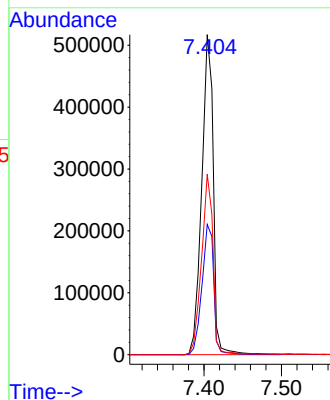
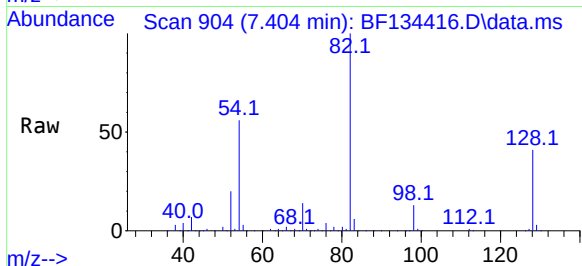
Tgt Ion: 82 Resp: 535172

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 56.4 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134416.D

Acq: 22 Jul 2023 11:46

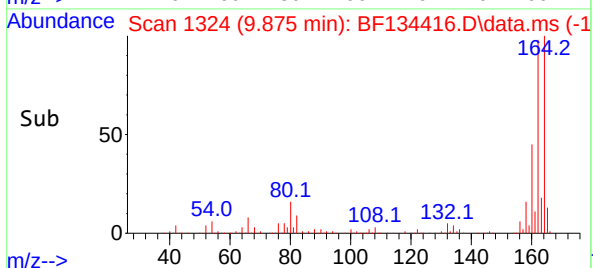
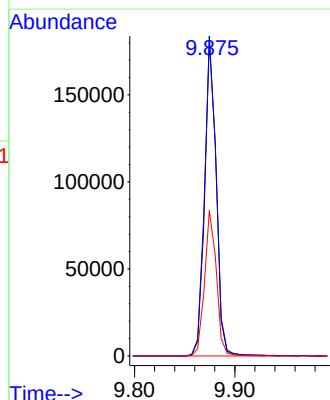
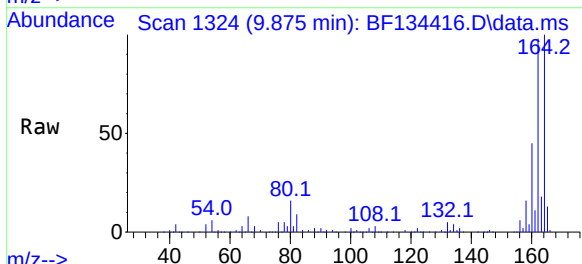
Tgt Ion:164 Resp: 146093

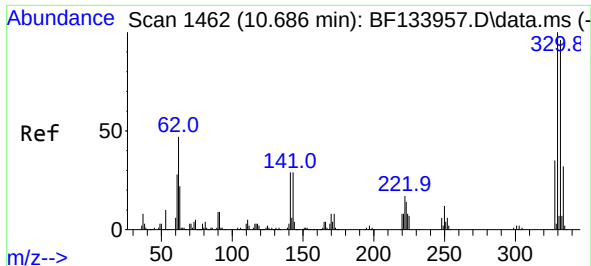
Ion Ratio Lower Upper

164 100

162 98.1 80.0 120.0

160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 152.435 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134416.D

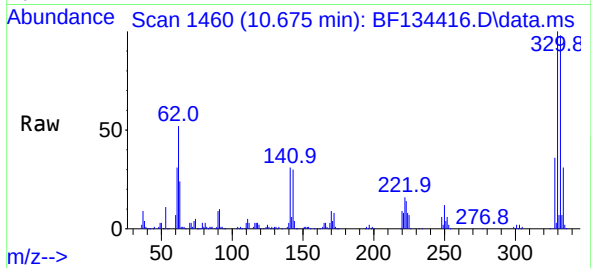
Acq: 22 Jul 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB154316BL



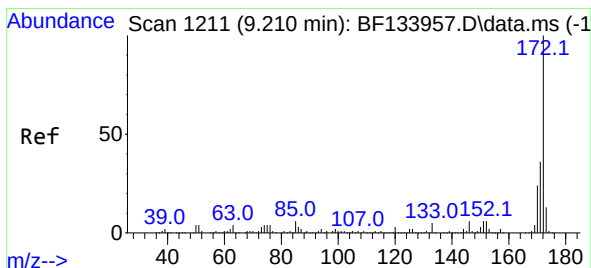
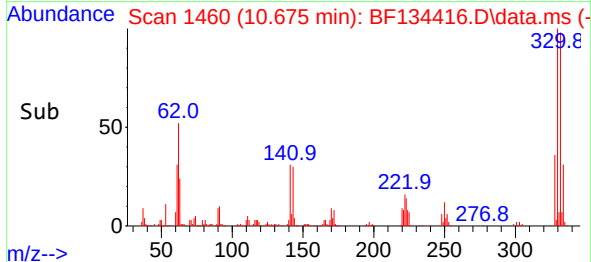
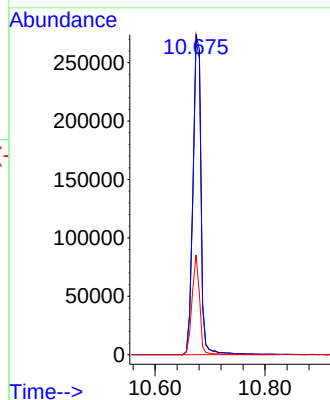
Tgt Ion:330 Resp: 279217

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 29.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.219 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134416.D

Acq: 22 Jul 2023 11:46

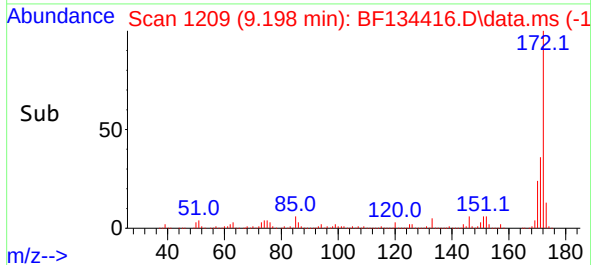
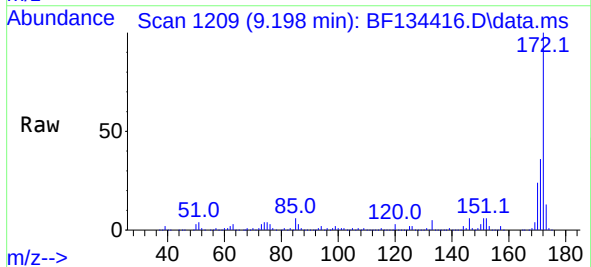
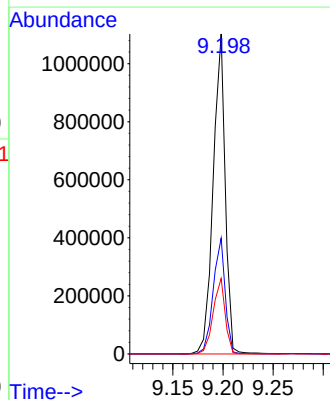
Tgt Ion:172 Resp: 926650

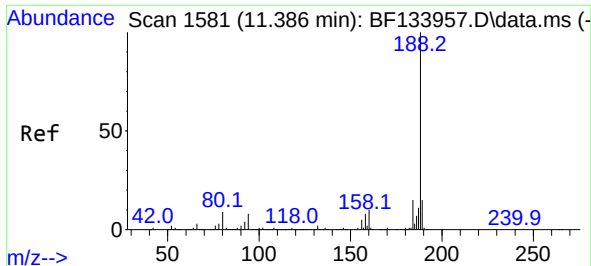
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 23.6 19.4 29.0

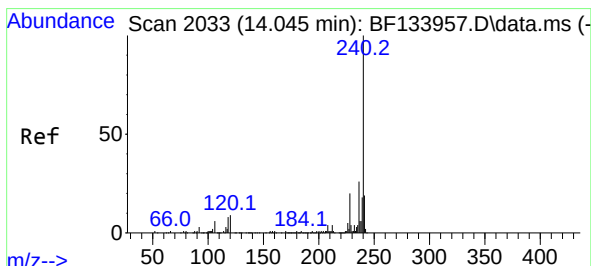
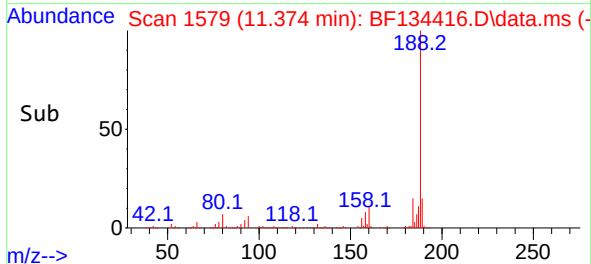
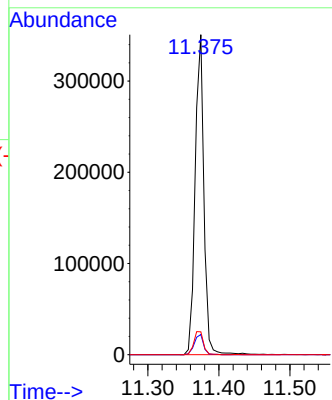
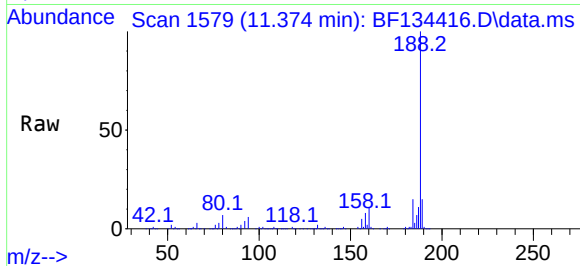




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

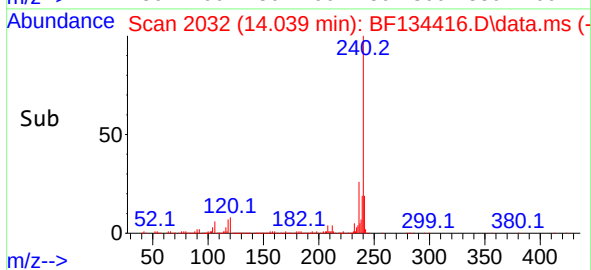
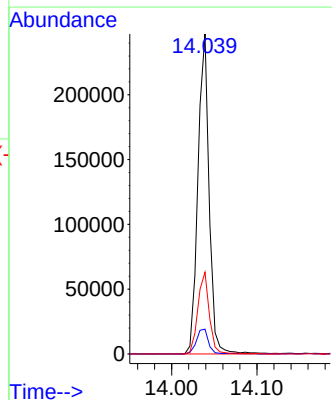
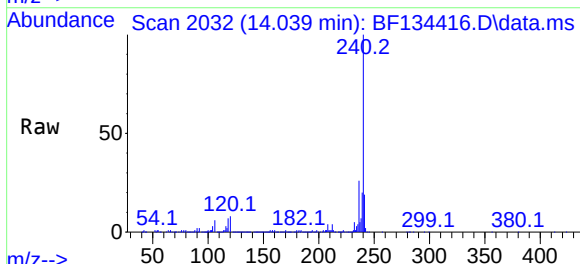
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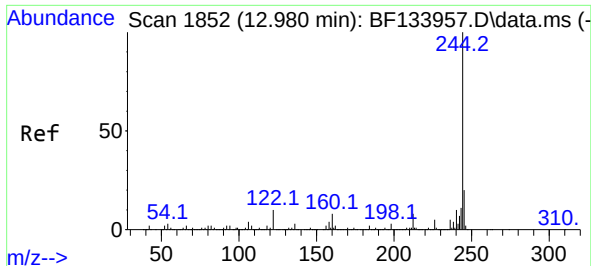
Tgt Ion:188 Resp: 301047
Ion Ratio Lower Upper
188 100
94 6.3 6.4 9.6#
80 7.1 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:240 Resp: 226063
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 25.5 21.0 31.6

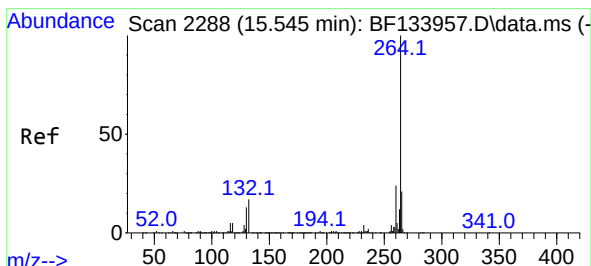
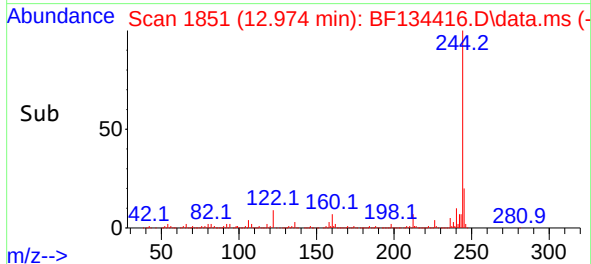
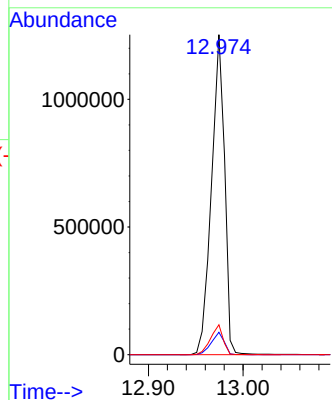
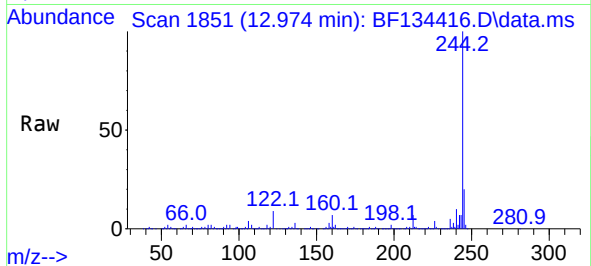




#79
Terphenyl-d14
Concen: 85.407 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB154316BL

Tgt Ion:244 Resp: 1199652
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.4 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134416.D
Acq: 22 Jul 2023 11:46

Tgt Ion:264 Resp: 199400
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 22.2 16.6 25.0

