

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138431.D
 Acq On : 02 Jul 2024 17:11
 Operator : CG\JU
 Sample : P3120-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627

Quant Time: Jul 02 17:57:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	162175	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	611510	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	252701	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	423112	20.000	ng	0.00
76) Chrysene-d12	14.027	240	277655	20.000	ng	0.00
86) Perylene-d12	15.492	264	78387	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1099528	112.407	ng	0.01
7) Phenol-d6	6.510	99	1173015	89.021	ng	0.00
23) Nitrobenzene-d5	7.434	82	1036982	88.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	283829	137.474	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1604623	101.056	ng	0.00
79) Terphenyl-d14	12.974	244	1238304	61.119	ng	0.00

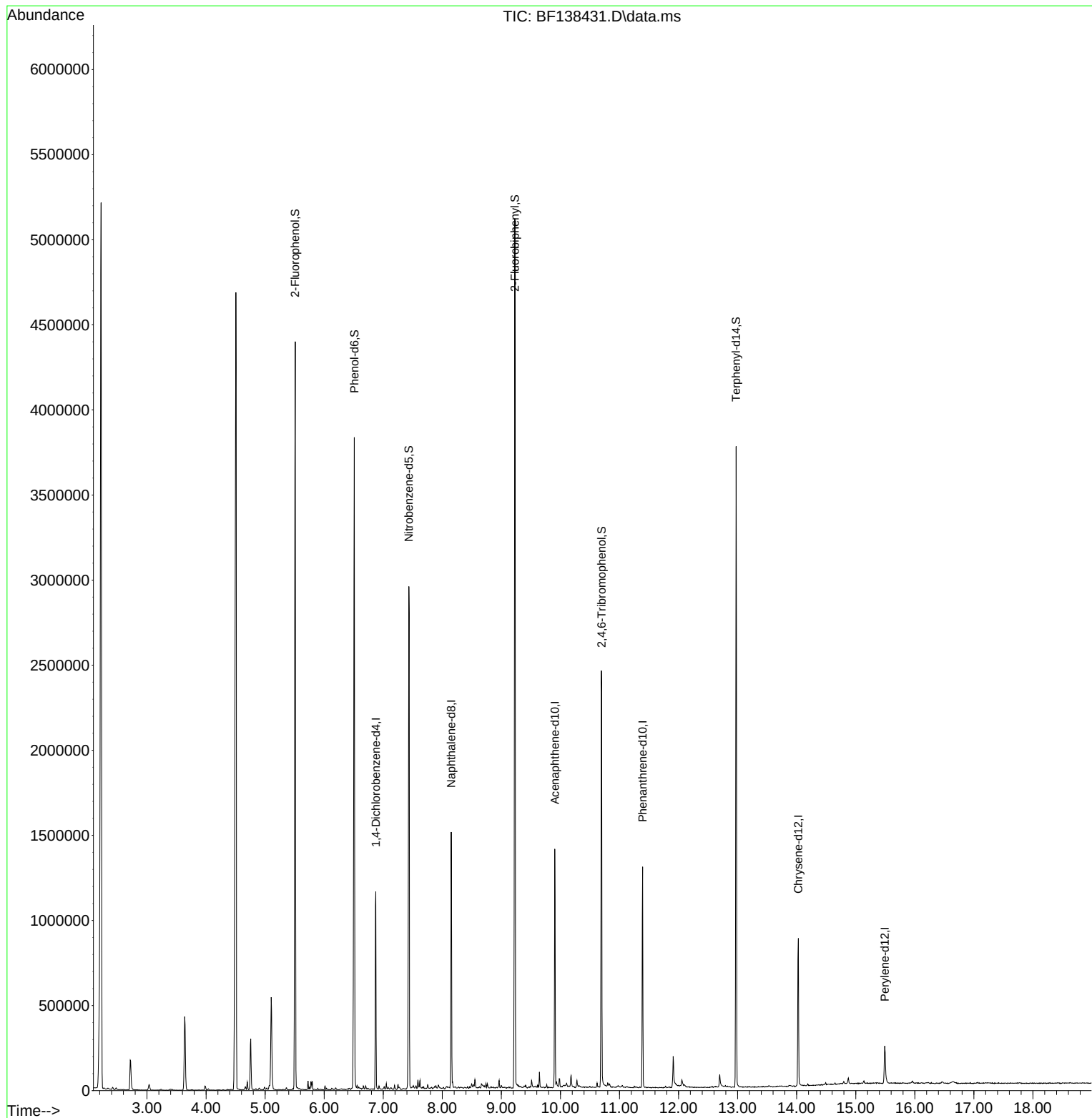
Target Compounds	Qvalue

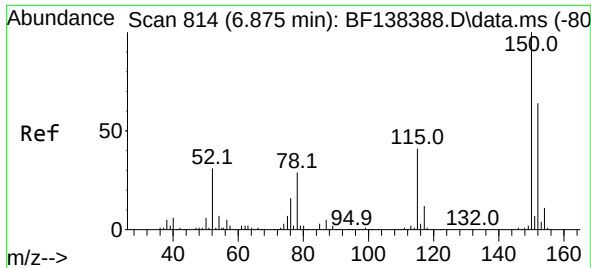
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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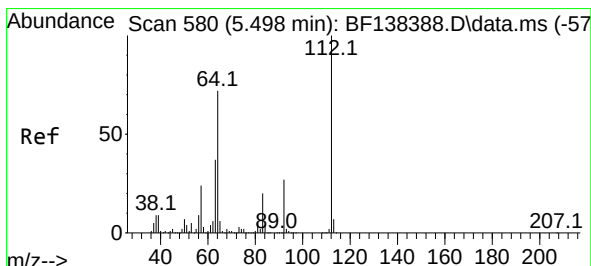
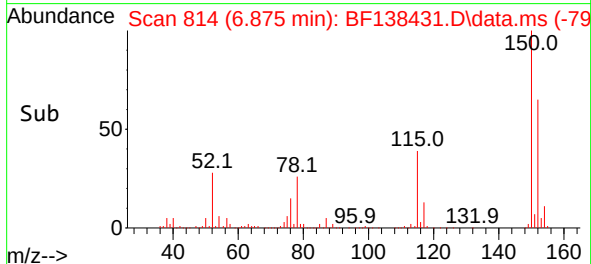
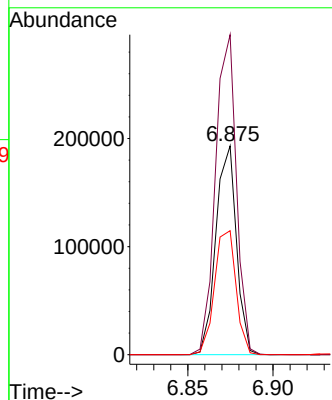
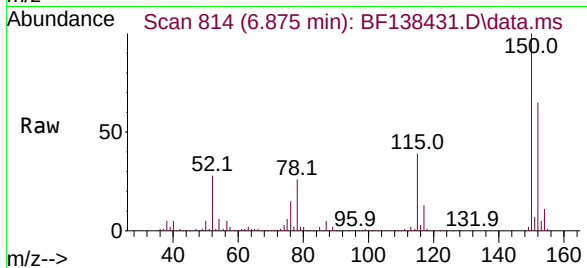




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

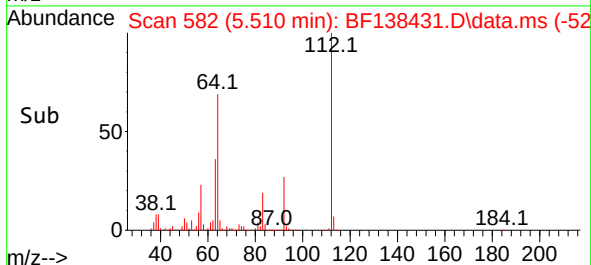
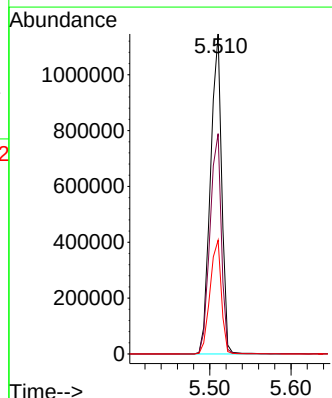
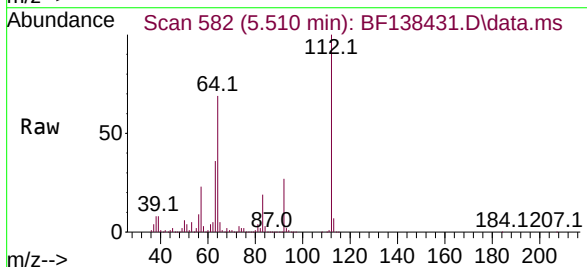
Instrument :
BNA_F
ClientSampleId :
WC-2040627

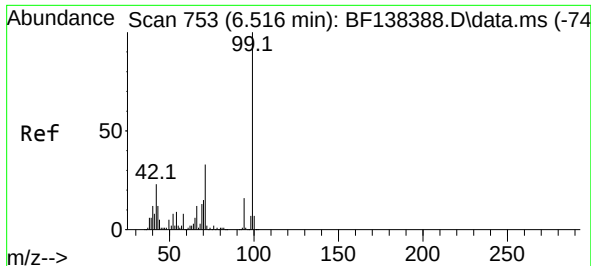
Tgt Ion:152 Resp: 162175
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 59.4 50.8 76.2



#5
2-Fluorophenol
Concen: 112.407 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:112 Resp: 1099528
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 35.6 29.4 44.0





#7

Phenol-d6

Concen: 89.021 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

WC-2040627

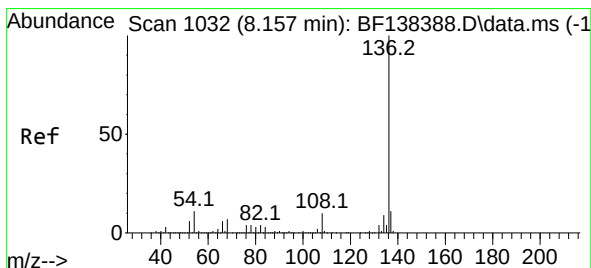
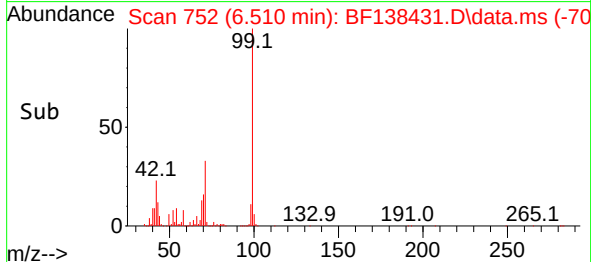
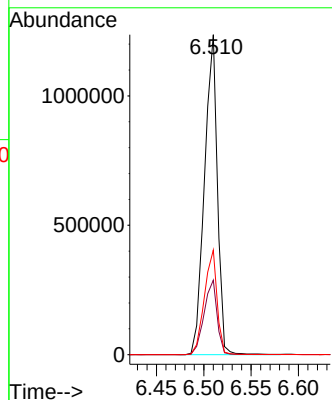
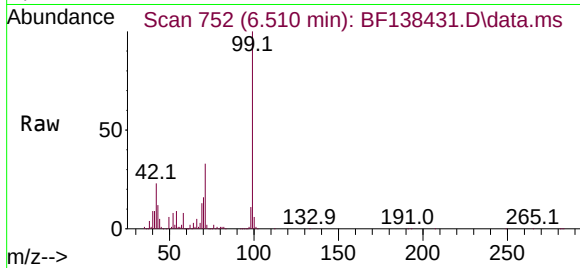
Tgt Ion: 99 Resp: 1173015

Ion Ratio Lower Upper

99 100

42 23.3 18.5 27.7

71 32.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Tgt Ion:136 Resp: 611510

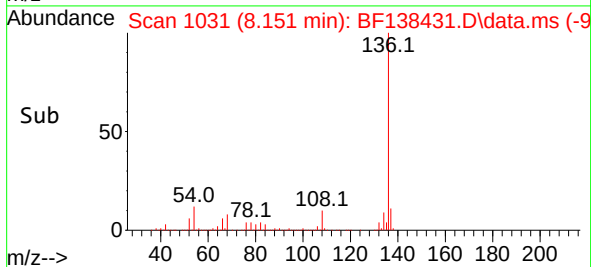
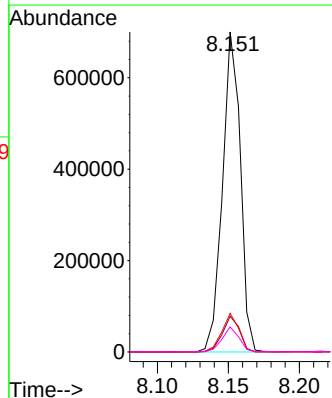
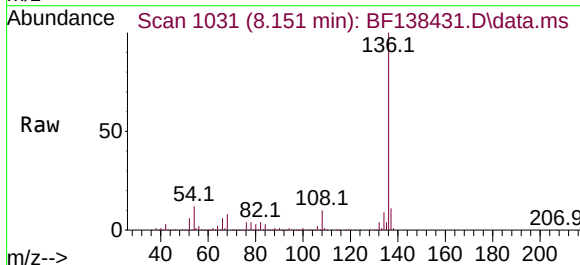
Ion Ratio Lower Upper

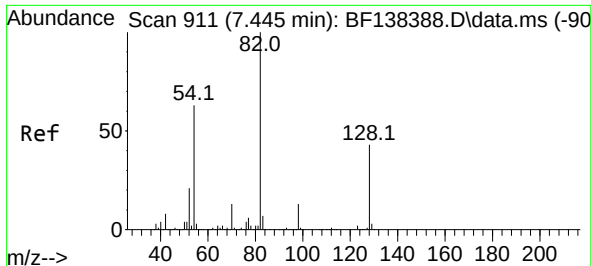
136 100

137 11.2 8.8 13.2

54 12.0 9.0 13.4

68 7.9 5.4 8.0

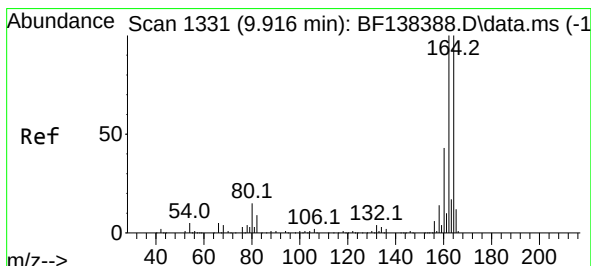
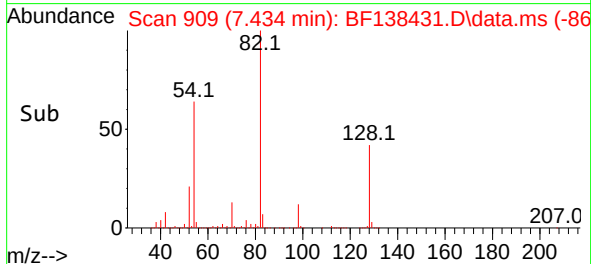
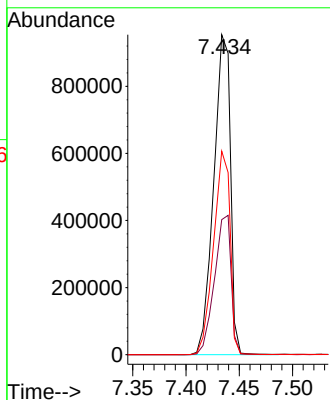
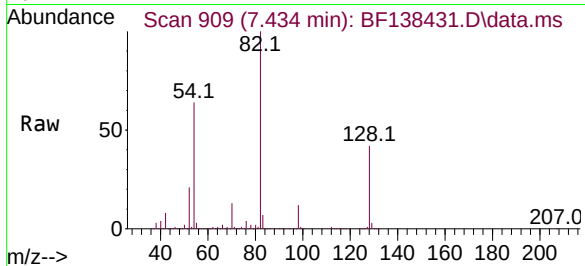




#23
 Nitrobenzene-d5
 Concen: 88.092 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF138431.D
 Acq: 02 Jul 2024 17:11

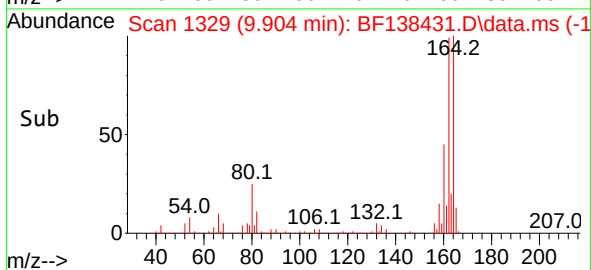
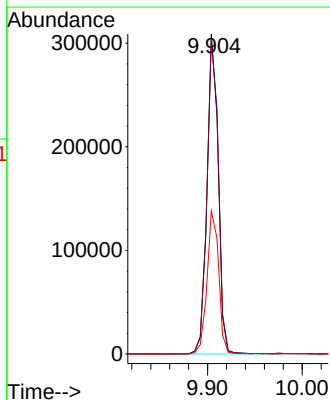
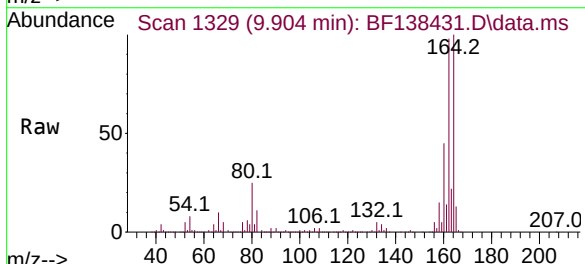
Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627

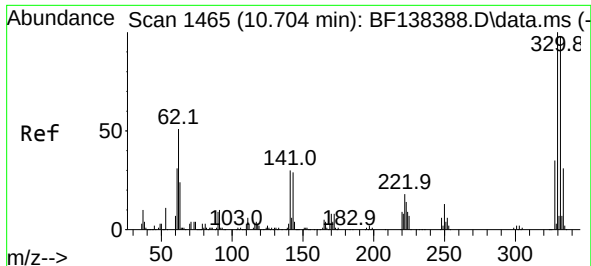
Tgt Ion: 82 Resp: 1036982
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 63.6 50.5 75.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. -0.012 min
 Lab File: BF138431.D
 Acq: 02 Jul 2024 17:11

Tgt Ion: 164 Resp: 252701
 Ion Ratio Lower Upper
 164 100
 162 98.2 80.1 120.1
 160 44.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 137.474 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

WC-2040627

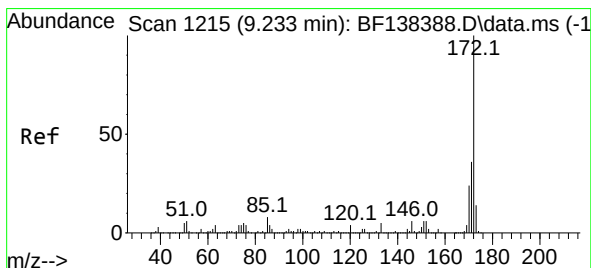
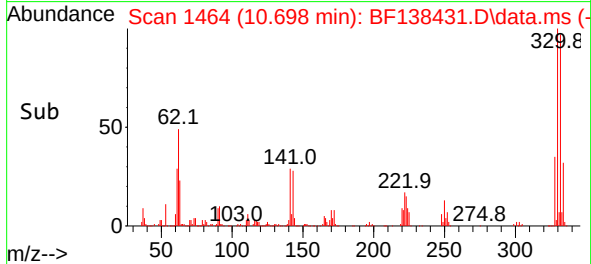
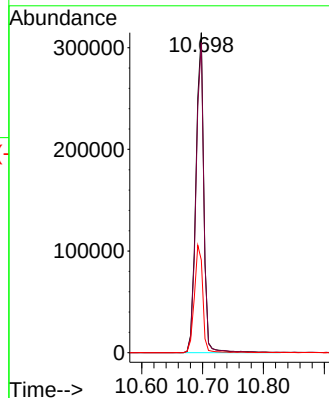
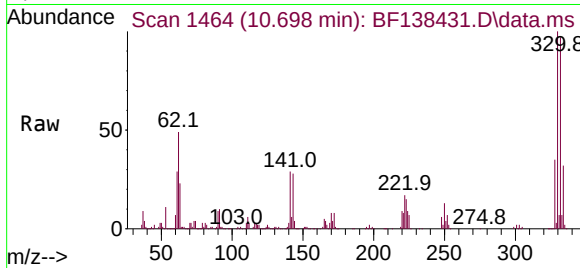
Tgt Ion:330 Resp: 283829

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 35.8 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 101.056 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

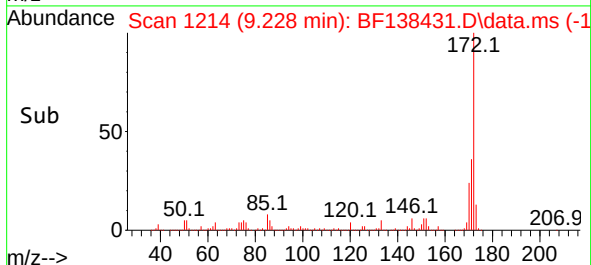
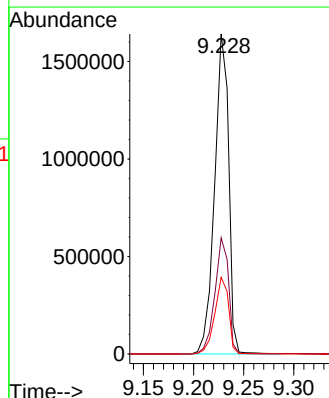
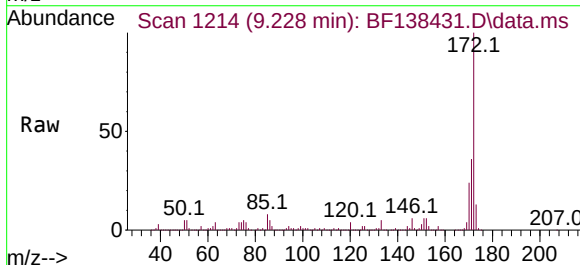
Tgt Ion:172 Resp: 1604623

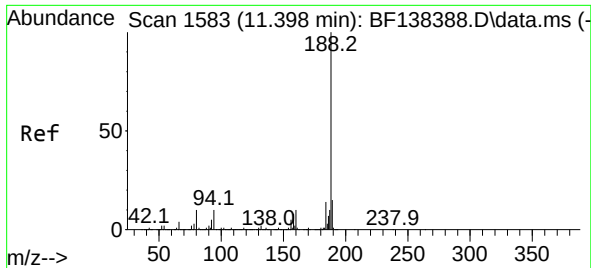
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.9 19.0 28.6

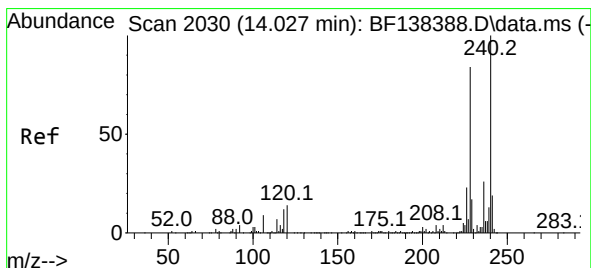
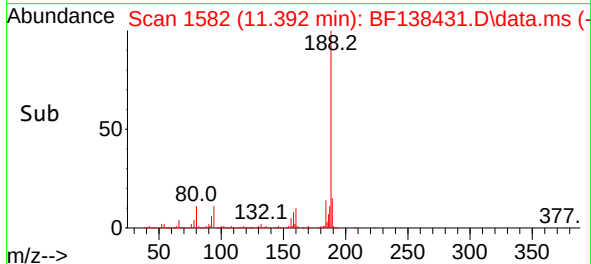
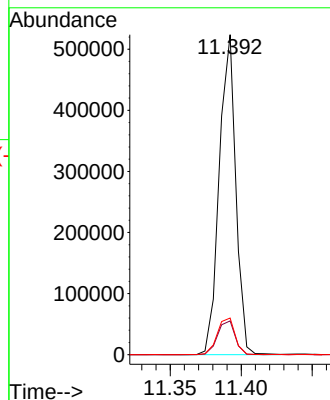
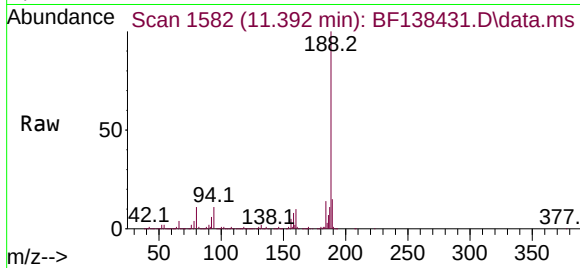




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

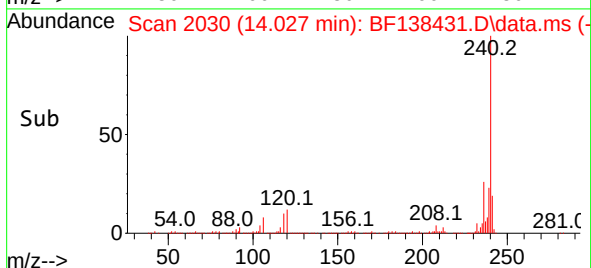
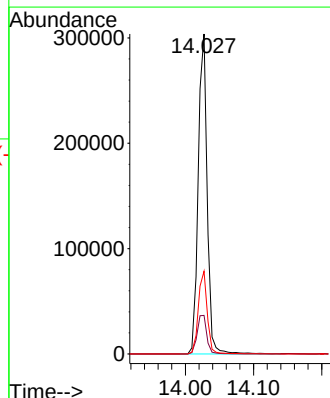
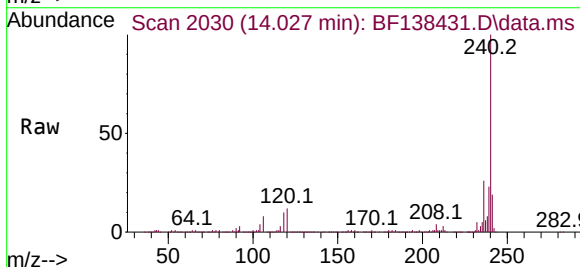
Instrument :
BNA_F
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WC-2040627

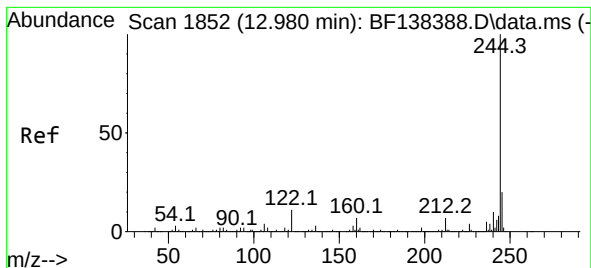
Tgt Ion:188 Resp: 423112
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138431.D
Acq: 02 Jul 2024 17:11

Tgt Ion:240 Resp: 277655
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 61.119 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

WC-2040627

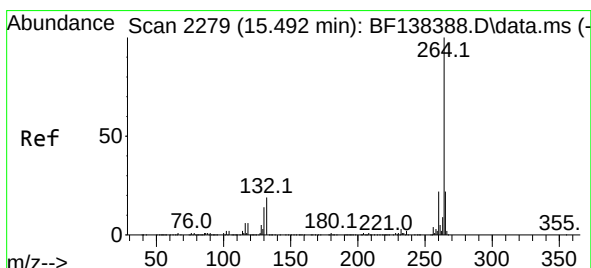
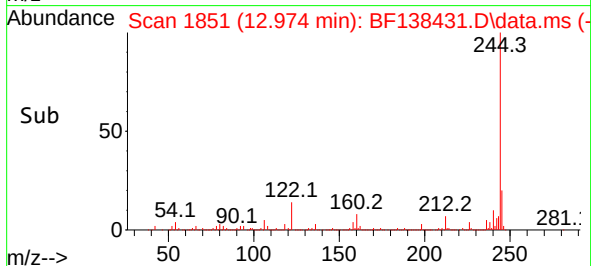
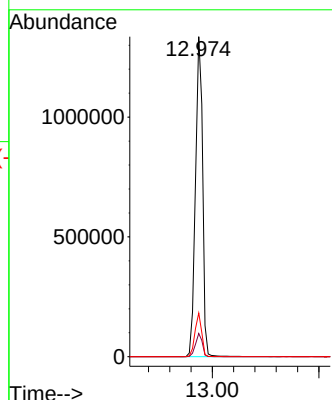
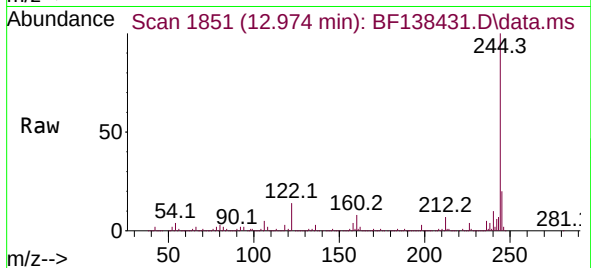
Tgt Ion:244 Resp: 1238304

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 13.7 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138431.D

Acq: 02 Jul 2024 17:11

Tgt Ion:264 Resp: 78387

Ion Ratio Lower Upper

264 100

260 29.1 17.8 26.6#

265 20.5 17.5 26.3

