

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131404.D
 Acq On : 25 Nov 2022 19:47
 Operator : CG\JU
 Sample : N5741-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Nov 26 00:11:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	84535	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	304887	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	168415	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	296271	20.000	ng	-0.01
76) Chrysene-d12	14.162	240	186844	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	170320	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	286273	64.451	ng	0.00
7) Phenol-d6	6.563	99	232916	41.100	ng	-0.02
23) Nitrobenzene-d5	7.522	82	464130	76.737	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	215381	152.010	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	862995	74.548	ng	0.00
79) Terphenyl-d14	13.104	244	923618	80.835	ng	0.00

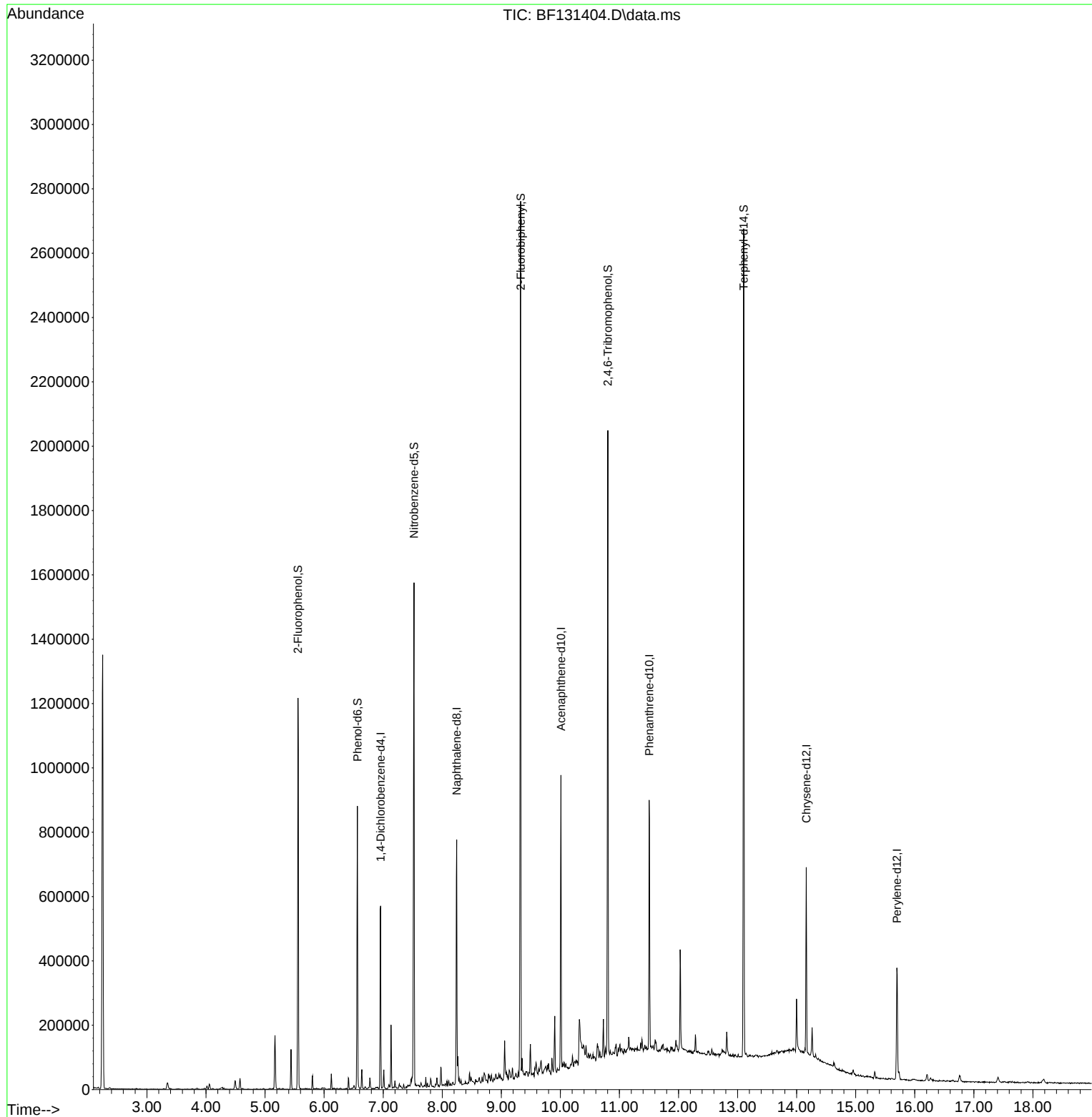
Target Compounds Qvalue

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

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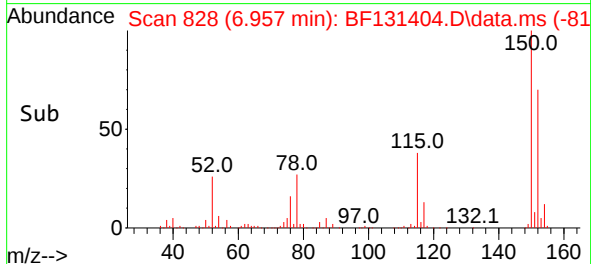
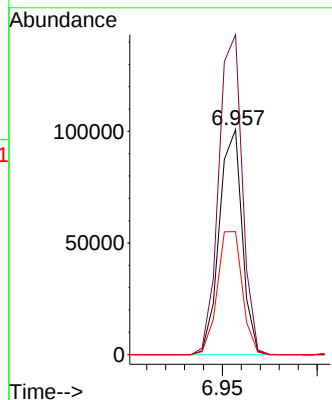
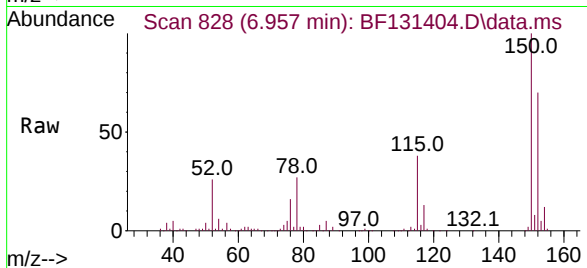




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

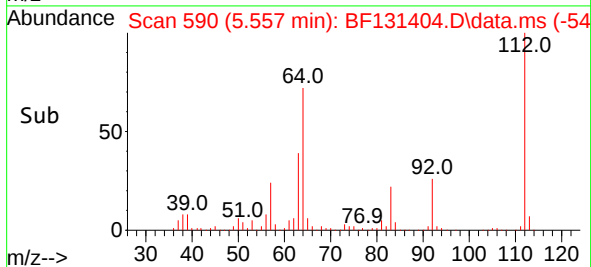
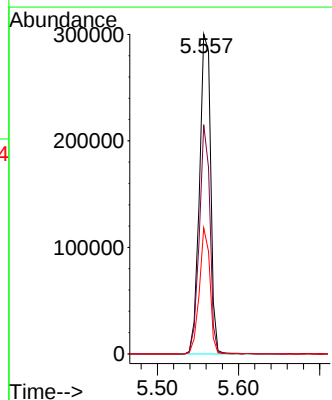
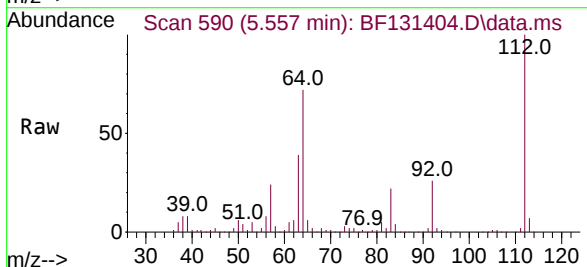
Instrument :
BNA_F
ClientSampleId :
MW-31

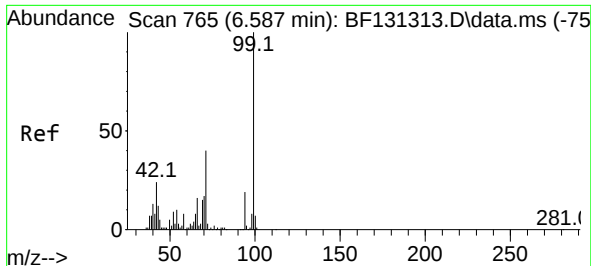
Tgt Ion:152 Resp: 84535
Ion Ratio Lower Upper
152 100
150 142.2 117.8 176.8
115 54.6 47.1 70.7



#5
2-Fluorophenol
Concen: 64.451 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

Tgt Ion:112 Resp: 286273
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 39.4 31.4 47.0

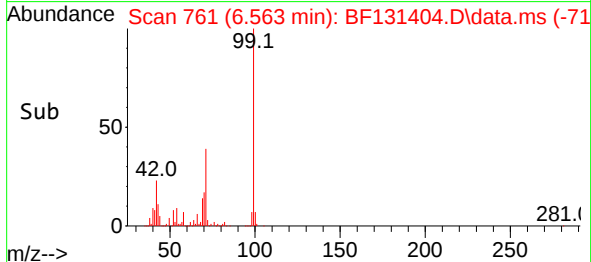
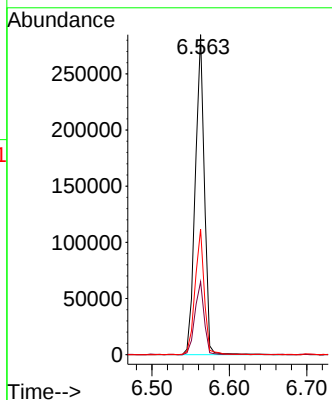
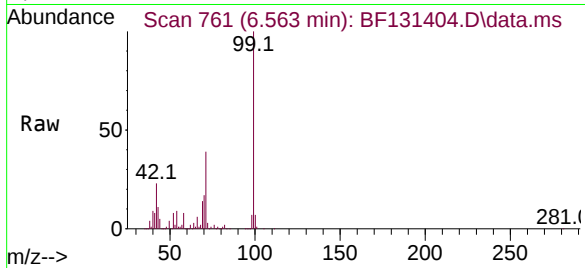




#7
Phenol-d6
Concen: 41.100 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

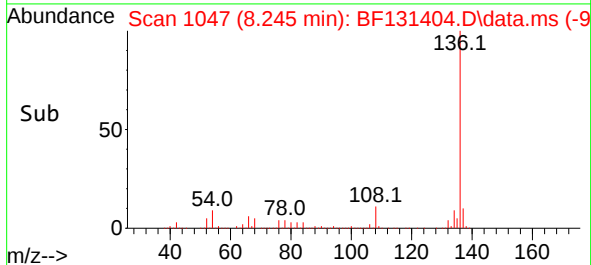
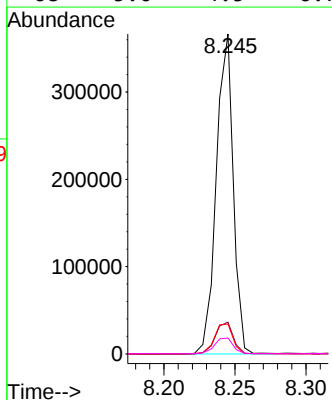
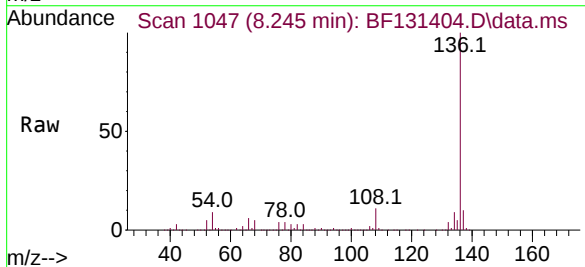
Instrument :
BNA_F
ClientSampleId :
MW-31

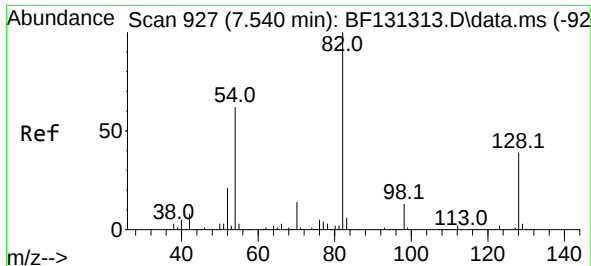
Tgt Ion: 99 Resp: 232916
Ion Ratio Lower Upper
99 100
42 22.8 19.4 29.2
71 39.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

Tgt Ion: 136 Resp: 304887
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.6
54 9.3 9.4 14.0#
68 5.0 4.5 6.7

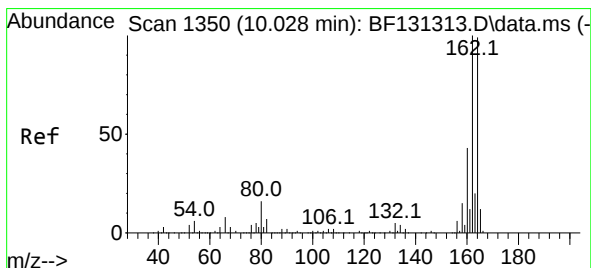
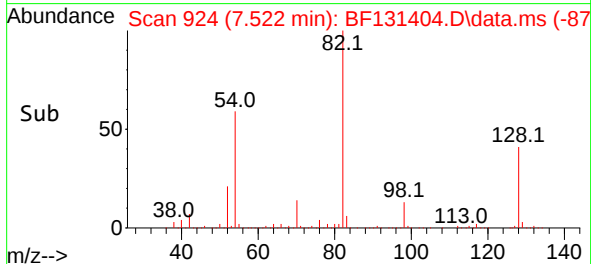
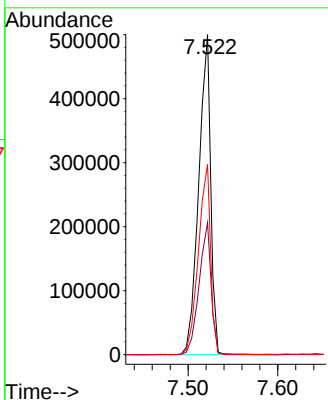
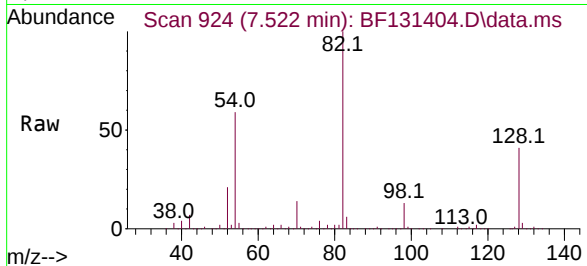




#23
Nitrobenzene-d5
Concen: 76.737 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

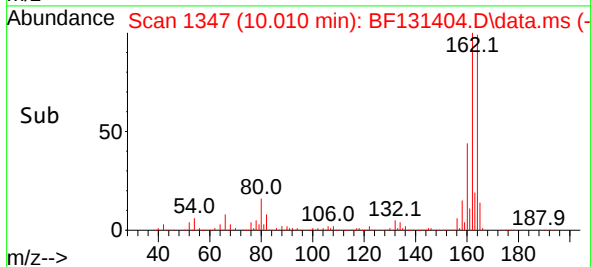
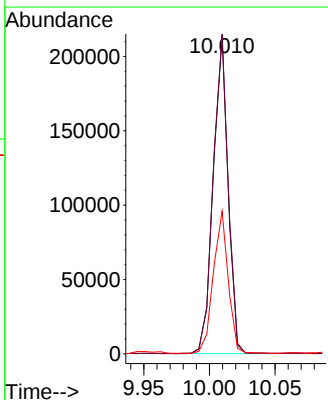
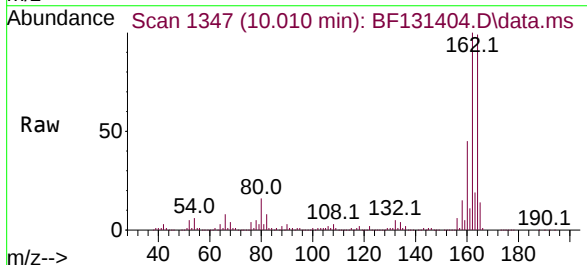
Instrument :
BNA_F
ClientSampleId :
MW-31

Tgt Ion: 82 Resp: 464130
Ion Ratio Lower Upper
82 100
128 41.2 31.4 47.0
54 59.5 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

Tgt Ion:164 Resp: 168415
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 152.010 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131404.D

Acq: 25 Nov 2022 19:47

Instrument :

BNA_F

ClientSampleId :

MW-31

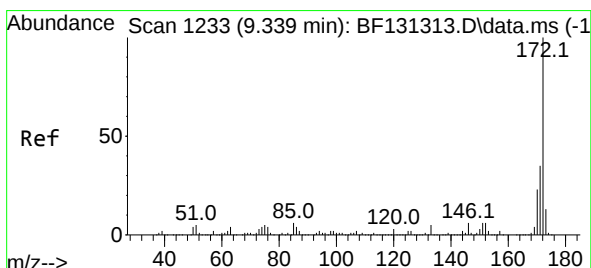
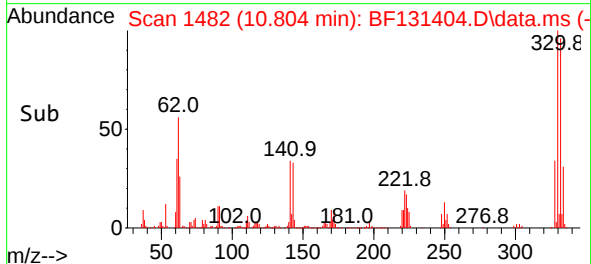
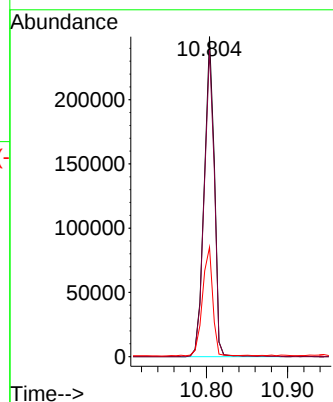
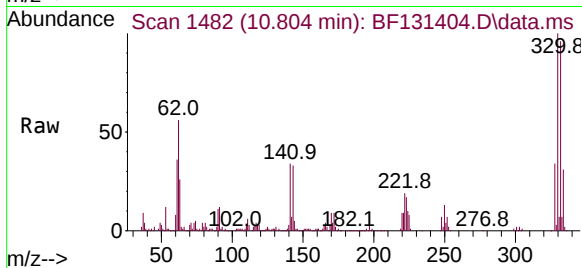
Tgt Ion:330 Resp: 215381

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 74.548 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131404.D

Acq: 25 Nov 2022 19:47

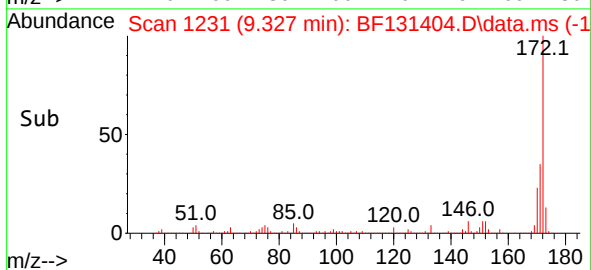
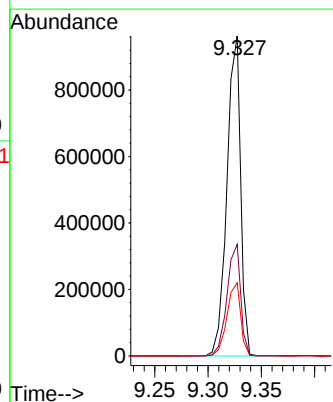
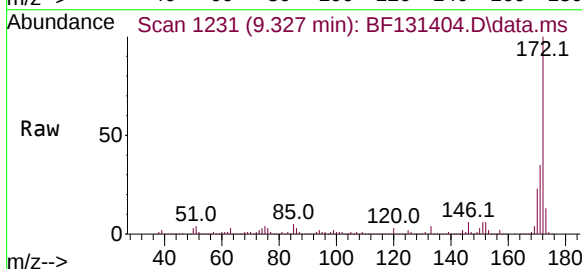
Tgt Ion:172 Resp: 862995

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 22.9 18.7 28.1

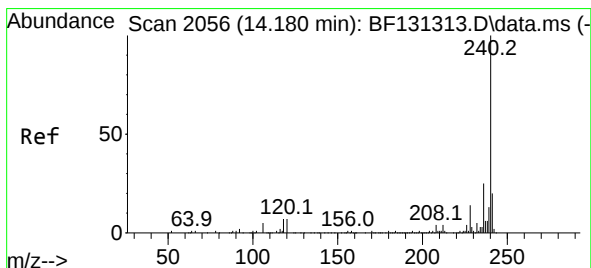
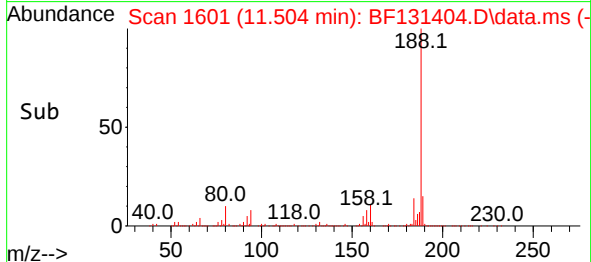
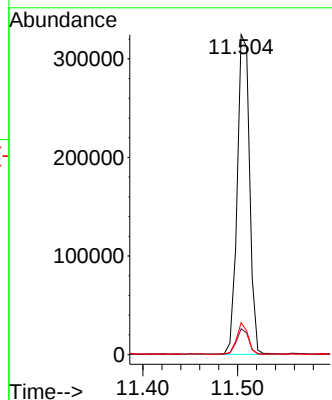
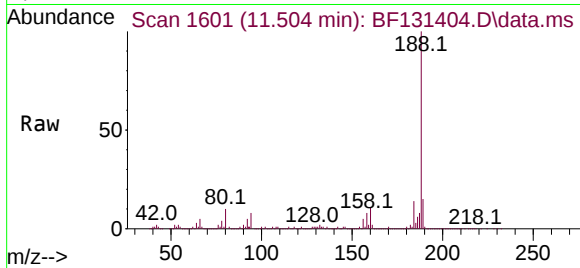




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

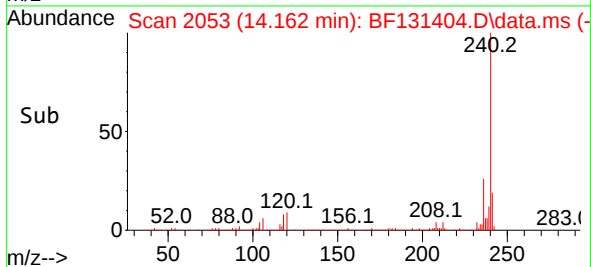
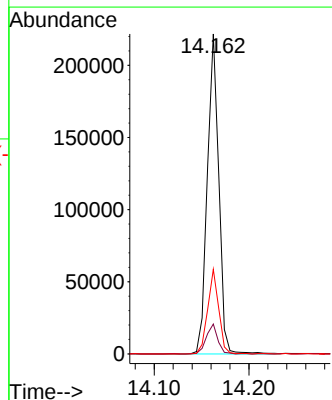
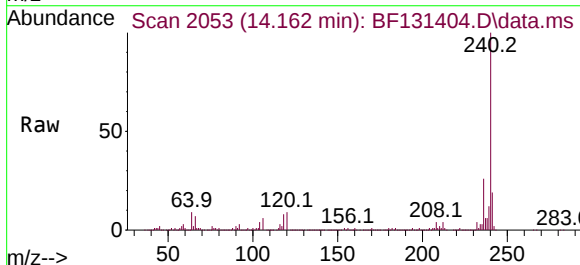
Instrument :
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Tgt Ion:188 Resp: 296271
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 10.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131404.D
Acq: 25 Nov 2022 19:47

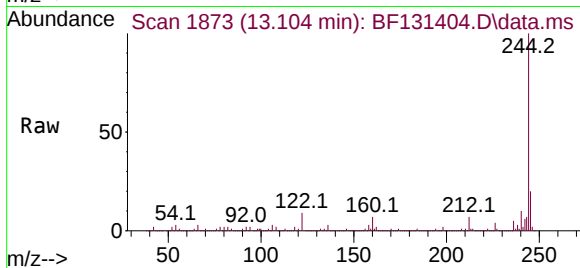
Tgt Ion:240 Resp: 186844
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 26.4 20.3 30.5



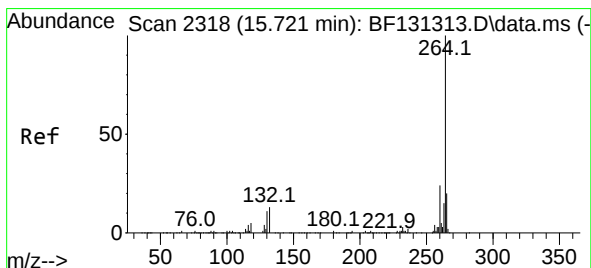
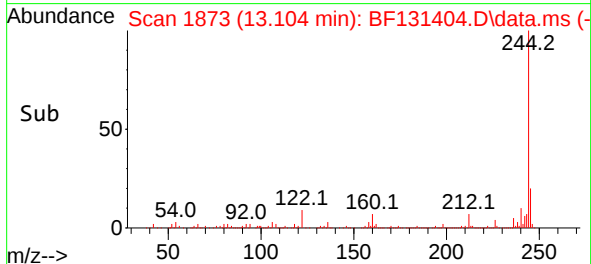
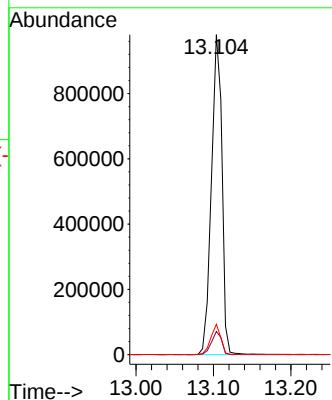


#79
 Terphenyl-d14
 Concen: 80.835 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131404.D
 Acq: 25 Nov 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-31



Tgt Ion:244 Resp: 923618
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BF131404.D
 Acq: 25 Nov 2022 19:47

Tgt Ion:264 Resp: 170320
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.5 16.4 24.6

