

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135653.D
 Acq On : 09 Oct 2023 15:34
 Operator : CG\JU
 Sample : 04656-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Quant Time: Oct 09 16:20:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	130820	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	495944	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	251337	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	508634	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	339415	20.000	ng	0.00
86) Perylene-d12	15.404	264	277133	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	465579	57.884	ng	0.00
7) Phenol-d6	6.387	99	364064	35.596	ng	0.00
23) Nitrobenzene-d5	7.310	82	825161	90.394	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	325392	130.278	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1440785	86.487	ng	0.00
79) Terphenyl-d14	12.874	244	1572077	71.801	ng	0.01

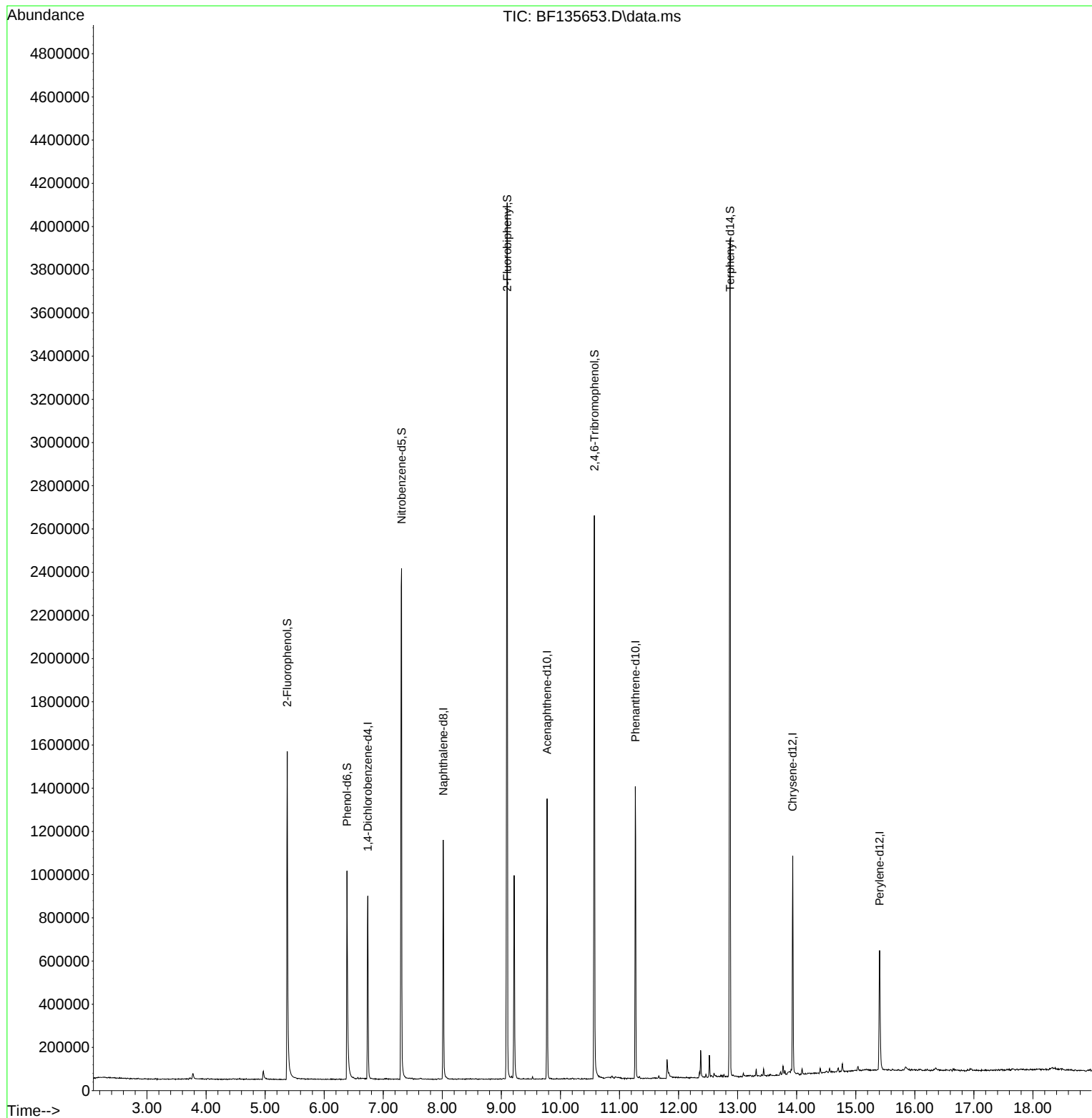
Target Compounds	Qvalue

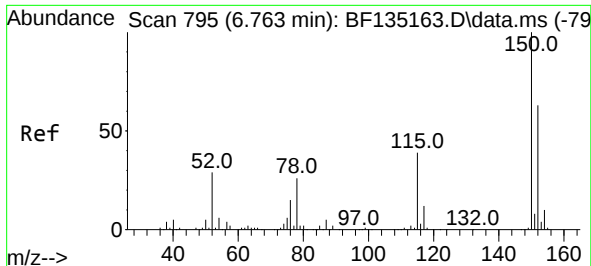
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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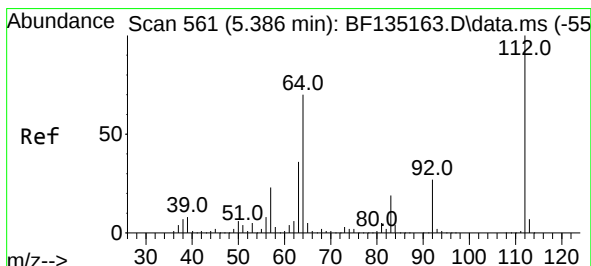
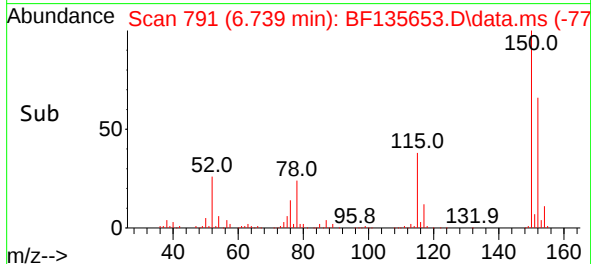
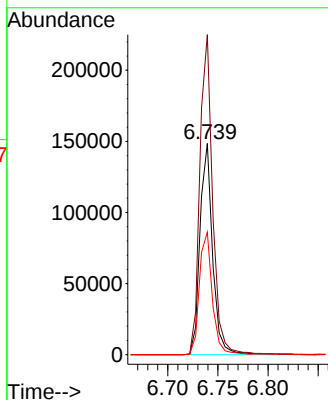
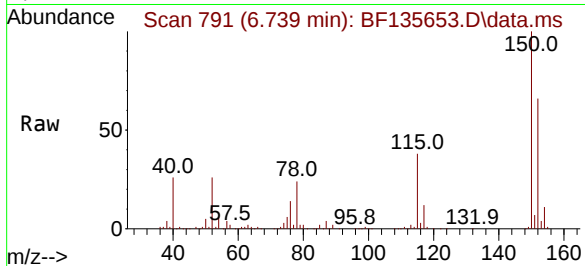




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

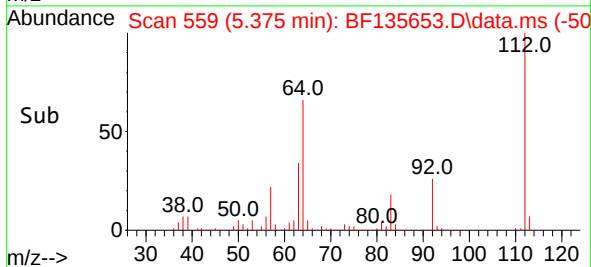
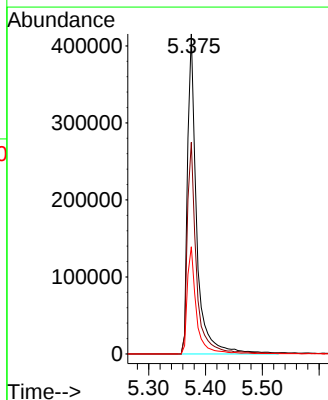
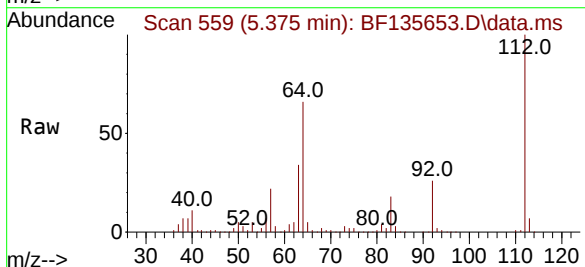
Instrument :
BNA_F
ClientSampleId :
MW-106I

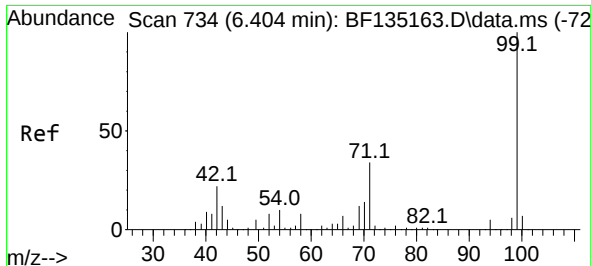
Tgt Ion:152 Resp: 130820
Ion Ratio Lower Upper
152 100
150 151.6 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 57.884 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion:112 Resp: 465579
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 33.5 29.0 43.6

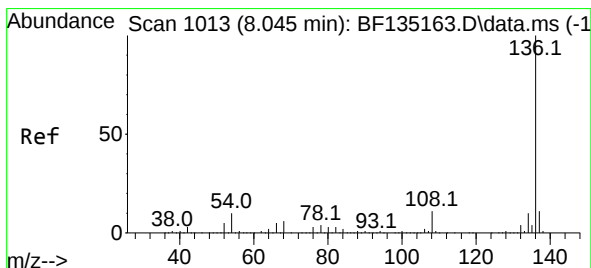
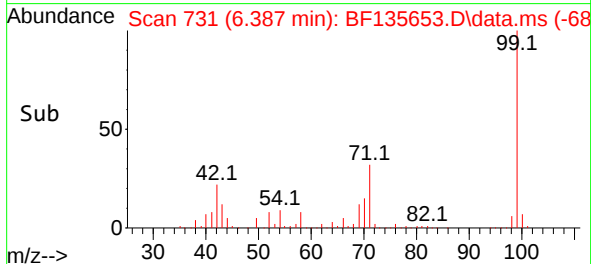
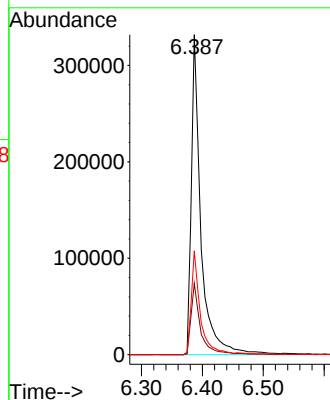
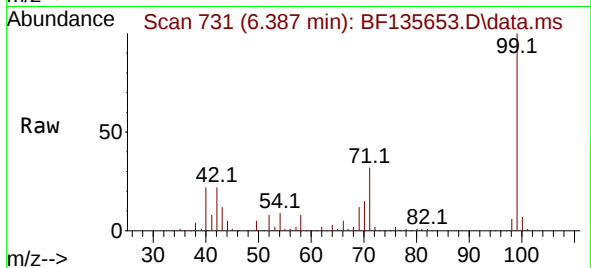




#7
Phenol-d6
Concen: 35.596 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

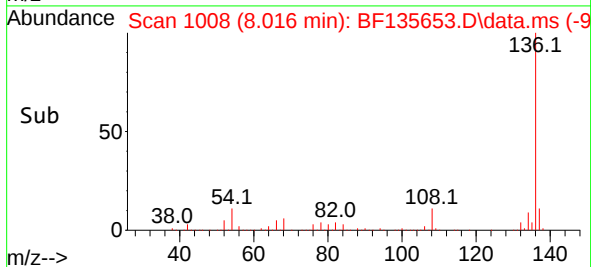
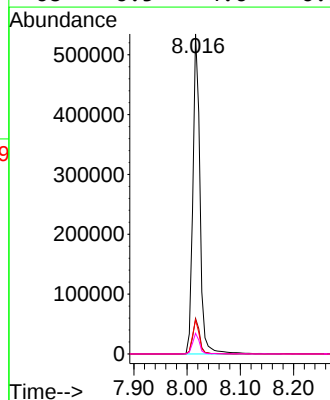
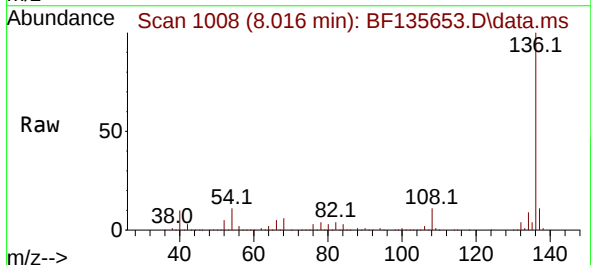
Instrument :
BNA_F
ClientSampleId :
MW-106I

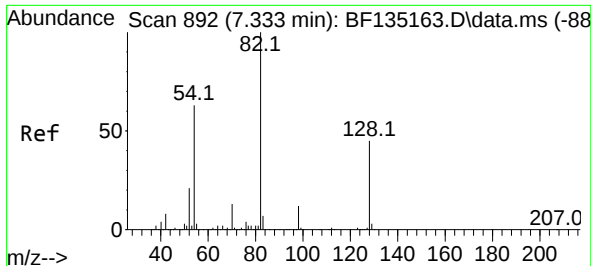
Tgt Ion: 99 Resp: 364064
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion: 136 Resp: 495944
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.394 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

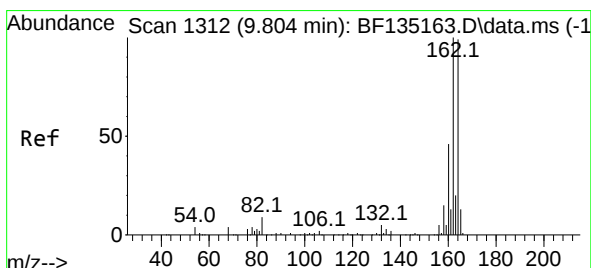
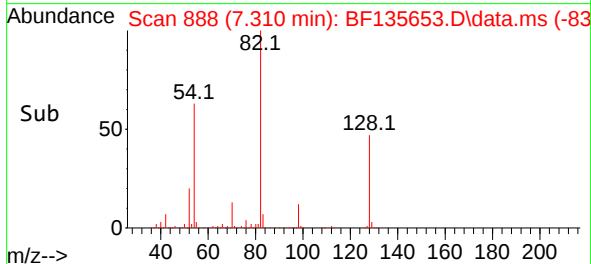
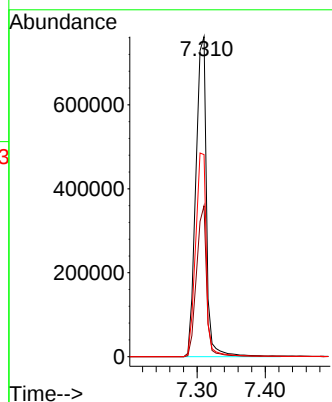
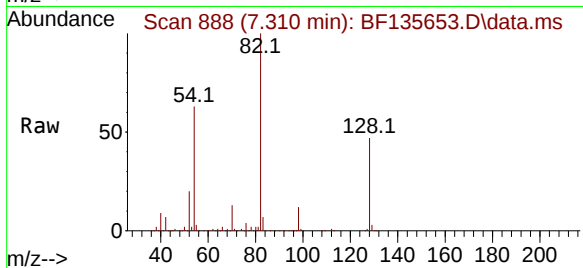
Tgt Ion: 82 Resp: 825161

Ion Ratio Lower Upper

82 100

128 47.2 35.8 53.6

54 63.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

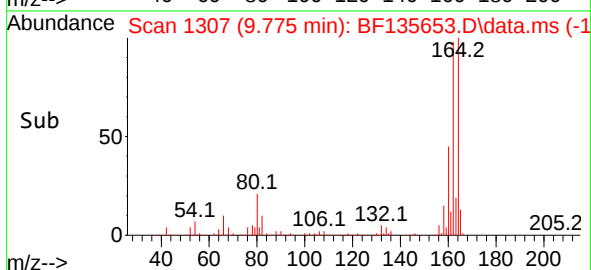
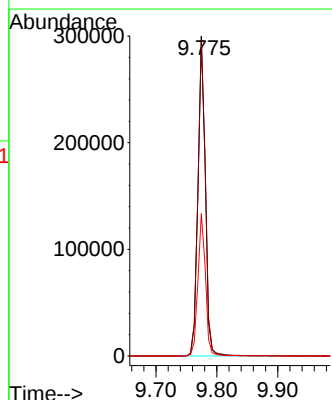
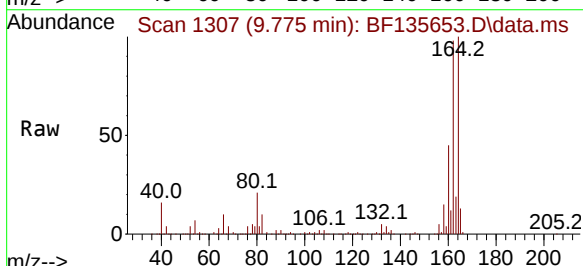
Tgt Ion: 164 Resp: 251337

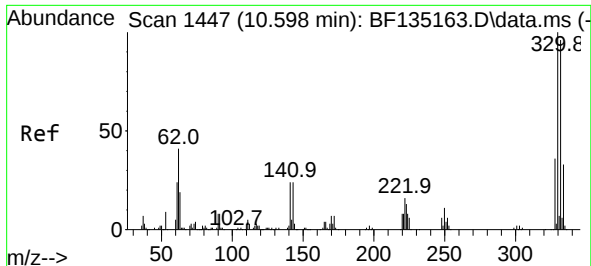
Ion Ratio Lower Upper

164 100

162 98.3 81.0 121.4

160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.278 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

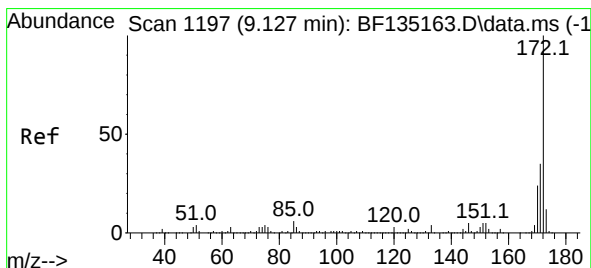
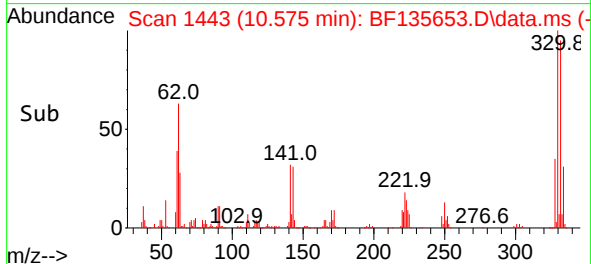
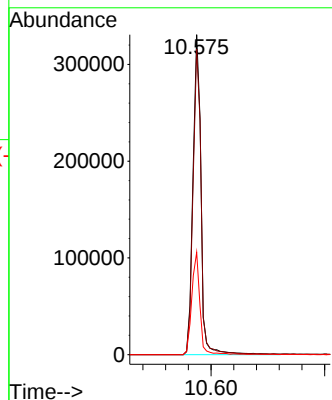
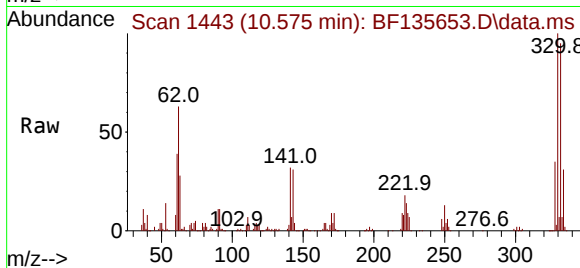
Tgt Ion:330 Resp: 325392

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 32.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.487 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

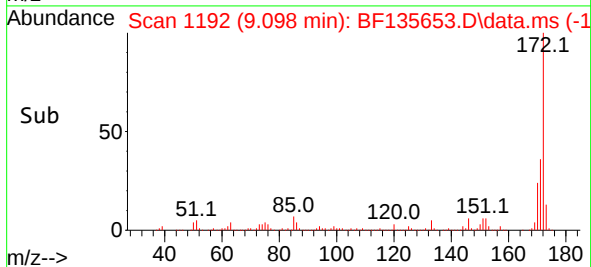
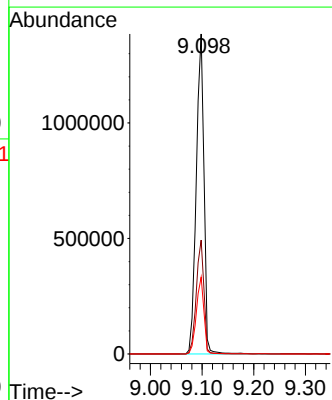
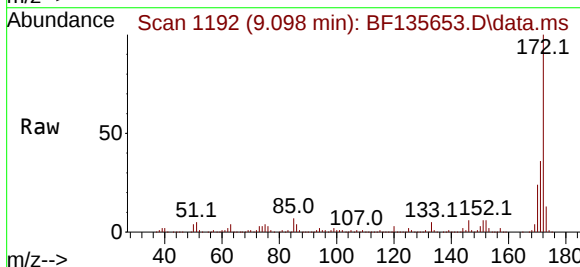
Tgt Ion:172 Resp: 1440785

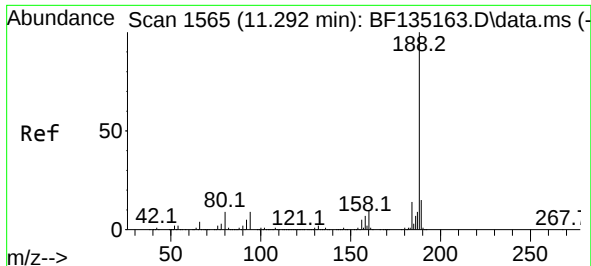
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.0 28.4

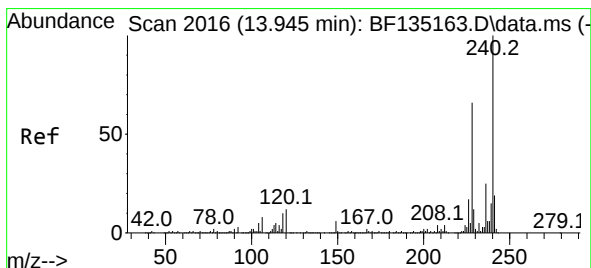
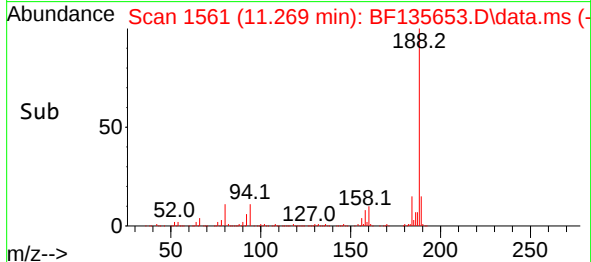
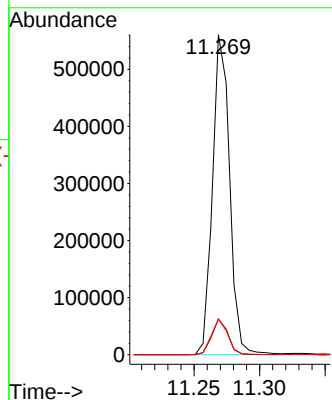
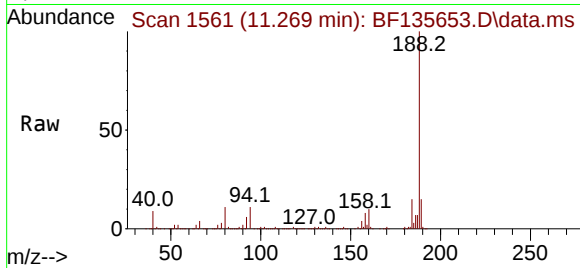




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

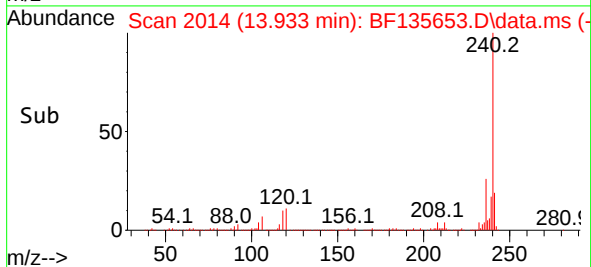
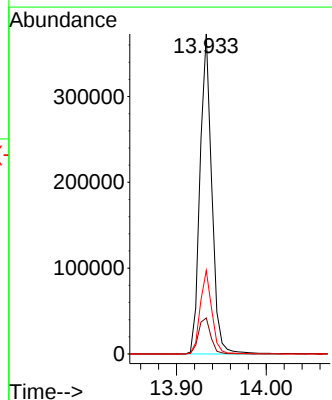
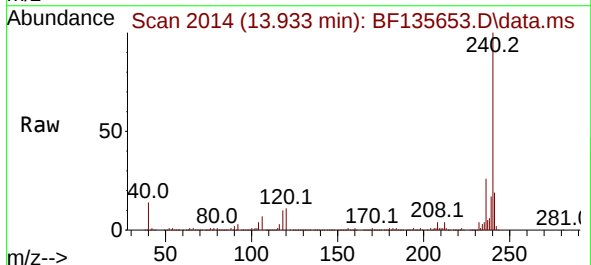
Instrument :
BNA_F
ClientSampleId :
MW-106I

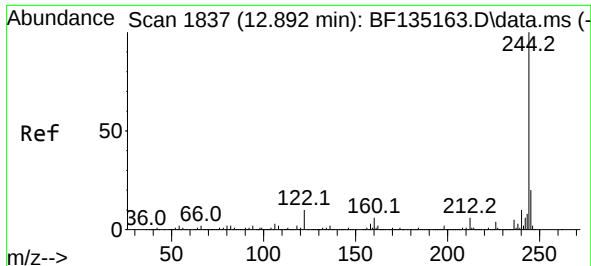
Tgt Ion:188 Resp: 508634
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

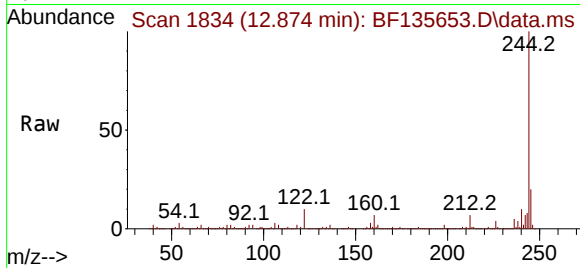
Tgt Ion:240 Resp: 339415
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.1 19.8 29.8





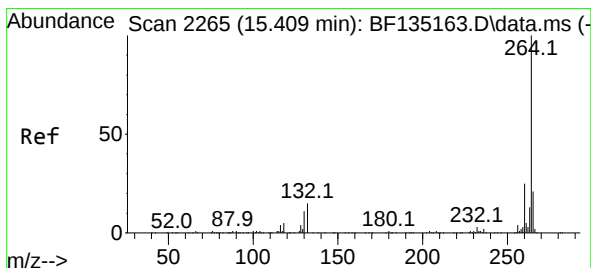
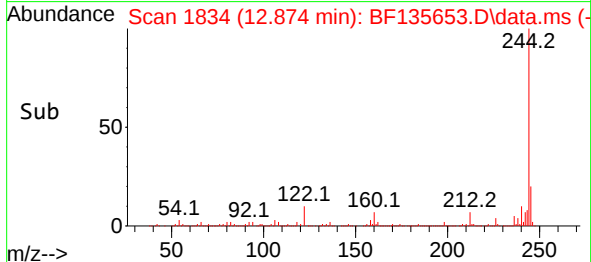
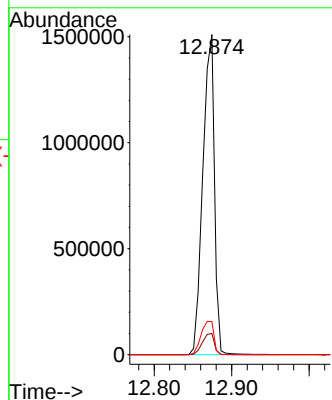
#79
 Terphenyl-d14
 Concen: 71.801 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF135653.D
 Acq: 09 Oct 2023 15:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I



Tgt Ion:244 Resp: 1572077

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.3	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF135653.D
 Acq: 09 Oct 2023 15:34

Tgt Ion:264 Resp: 277133

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.7	17.0	25.4

