

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135432.D
 Acq On : 25 Sep 2023 17:52
 Operator : CG\JU
 Sample : 04540-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EMBRIDGE-M-R-HEATER

Quant Time: Sep 25 18:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	180872	20.000	ng	-0.01
21) Naphthalene-d8	8.033	136	692769	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	332474	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	583238	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	267063	20.000	ng	0.00
86) Perylene-d12	15.403	264	328549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	456792	41.076	ng	0.00
7) Phenol-d6	6.398	99	351806	24.879	ng	0.00
23) Nitrobenzene-d5	7.322	82	957712	75.107	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	307218	92.984	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1564262	70.984	ng	-0.02
79) Terphenyl-d14	12.880	244	1263728	73.354	ng	-0.01

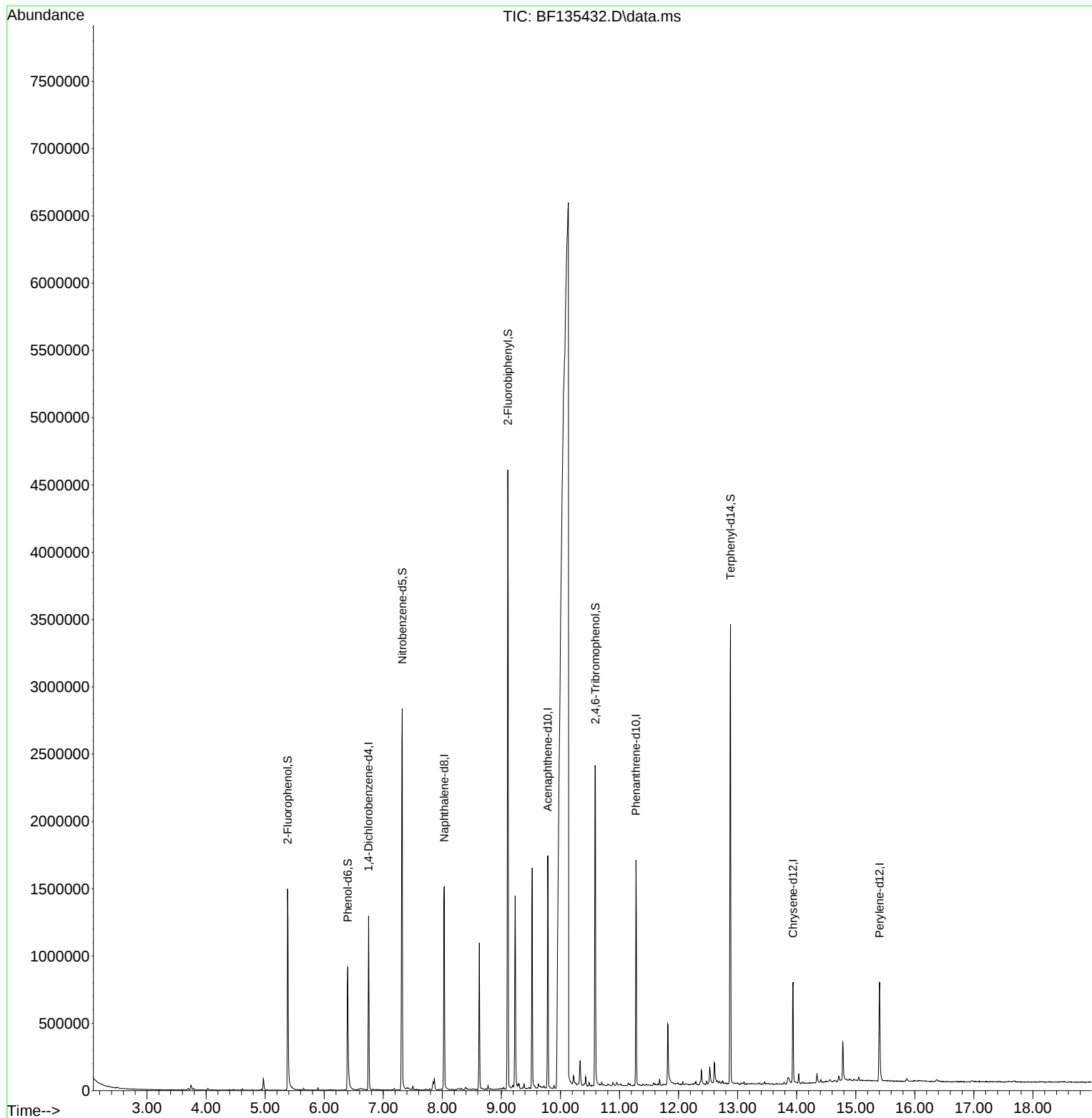
Target Compounds	Qvalue

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

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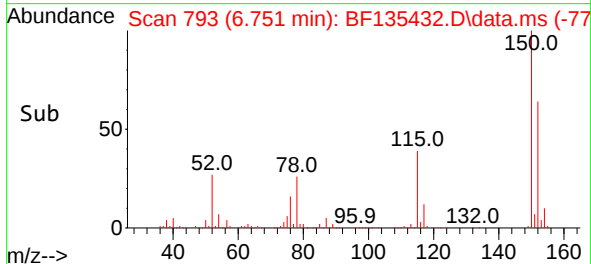
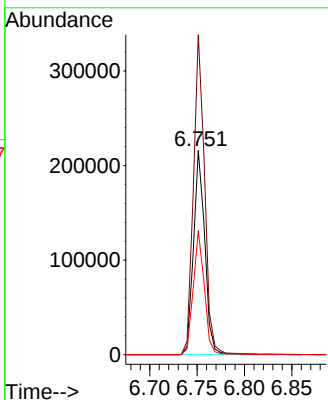
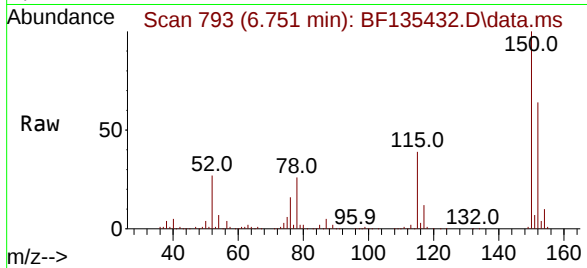




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

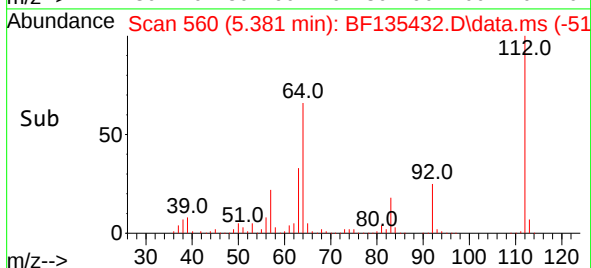
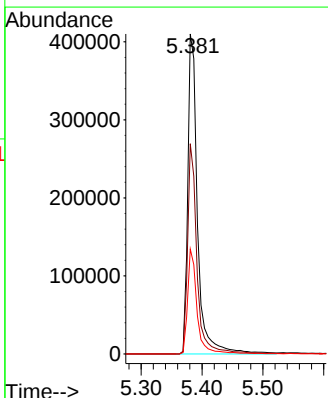
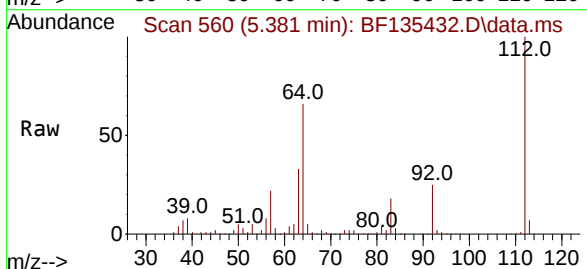
Instrument :
BNA_F
ClientSampleId :
EMBRIDGE-M-R-HEATER

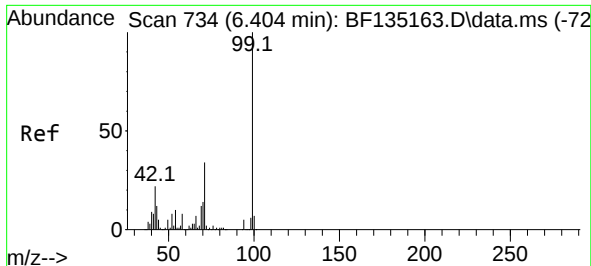
Tgt Ion:152 Resp: 180872
Ion Ratio Lower Upper
152 100
150 156.7 127.8 191.6
115 60.8 49.8 74.8



#5
2-Fluorophenol
Concen: 41.076 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Tgt Ion:112 Resp: 456792
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 32.8 29.0 43.6

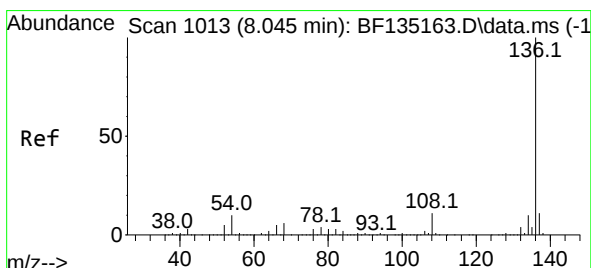
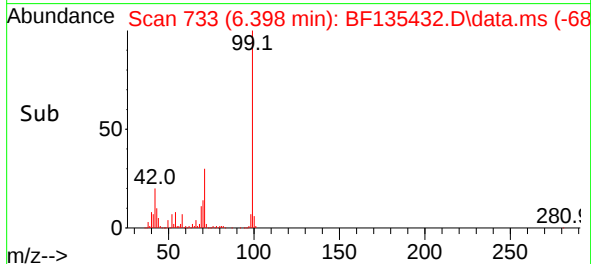
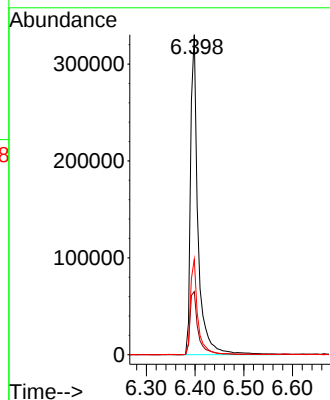
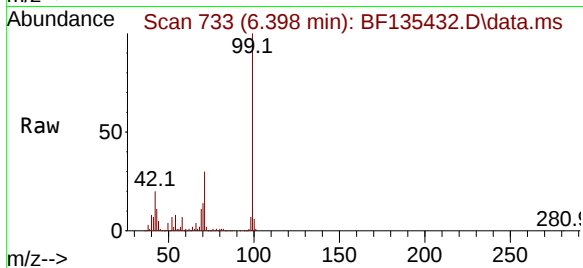




#7
Phenol-d6
Concen: 24.879 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

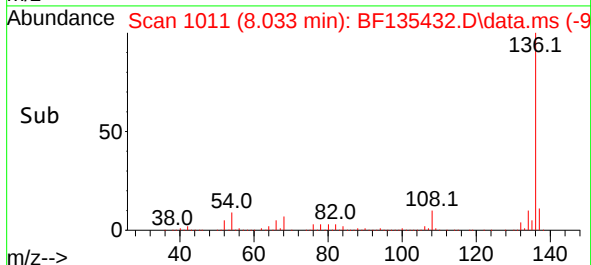
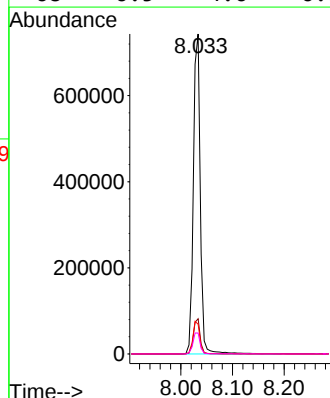
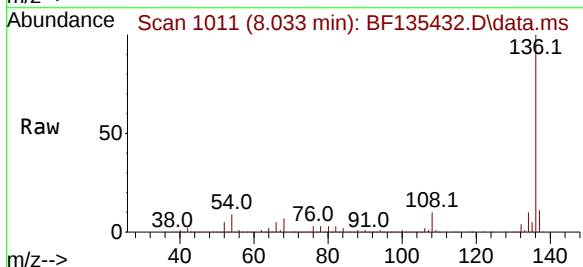
Instrument :
BNA_F
ClientSampleId :
EMBRIDGE-M-R-HEATER

Tgt Ion: 99 Resp: 351806
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 29.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Tgt Ion: 136 Resp: 692769
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.3 7.7 11.5
68 6.5 4.6 6.8

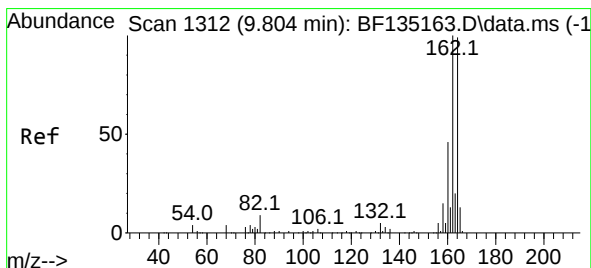
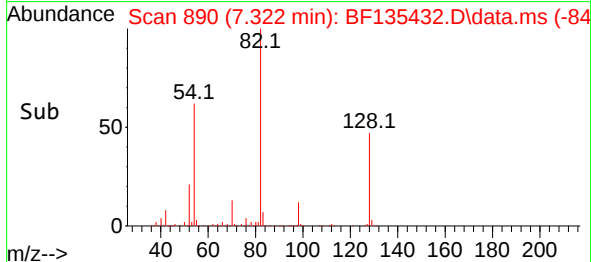
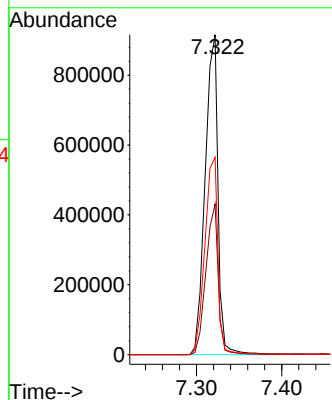
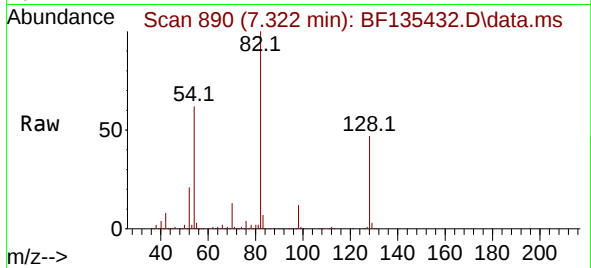




#23
Nitrobenzene-d5
Concen: 75.107 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

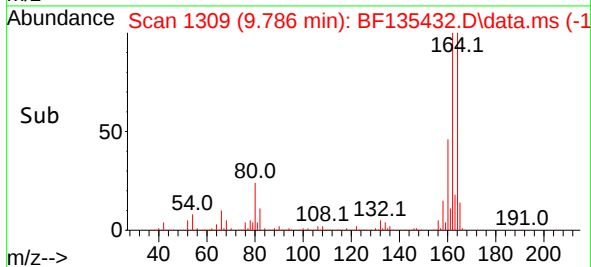
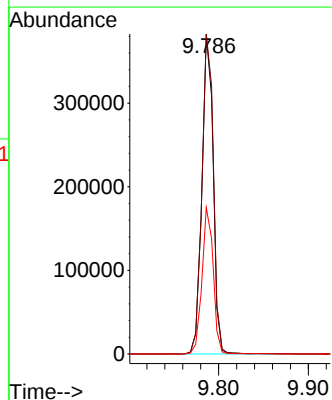
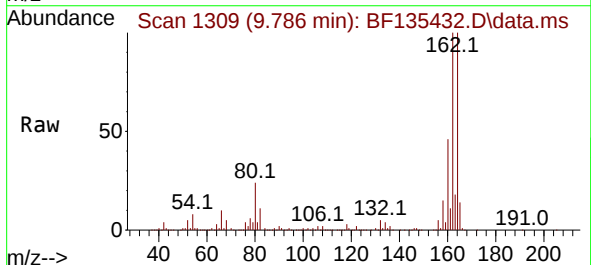
Instrument :
BNA_F
ClientSampleId :
EMBRIDGE-M-R-HEATER

Tgt Ion: 82 Resp: 957712
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 61.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Tgt Ion: 164 Resp: 332474
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 92.984 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135432.D

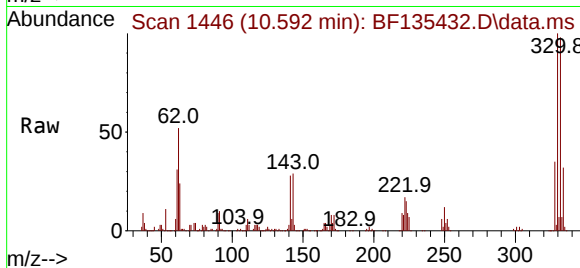
Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :

EMBRIDGE-M-R-HEATER



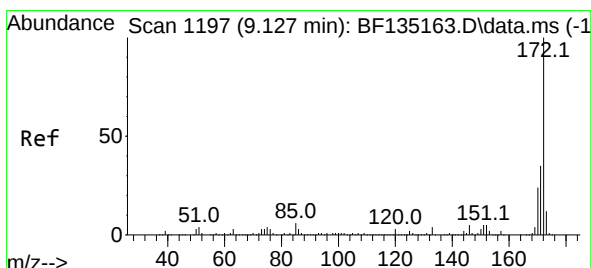
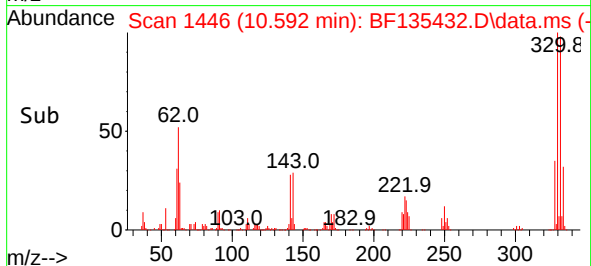
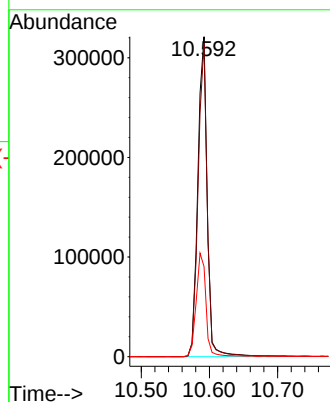
Tgt Ion:330 Resp: 307218

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.984 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.018 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

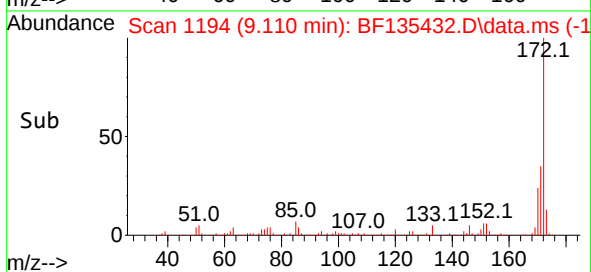
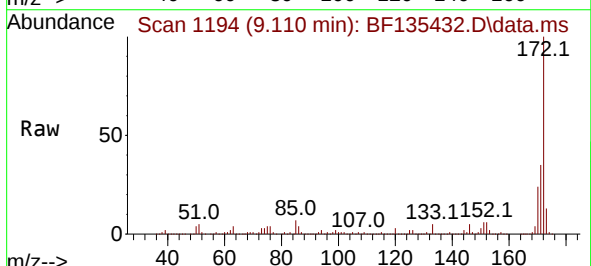
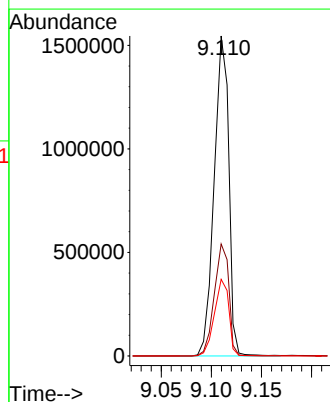
Tgt Ion:172 Resp: 1564262

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :

EMBRIDGE-M-R-HEATER

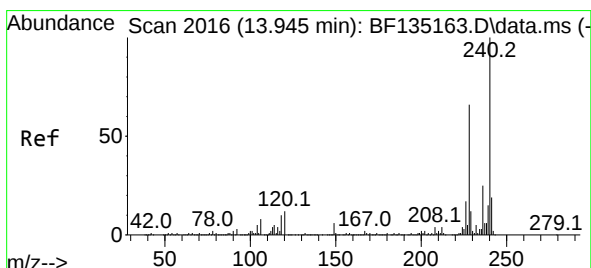
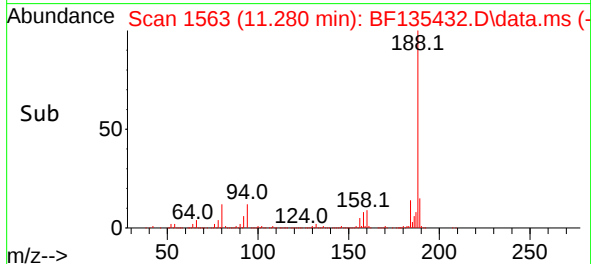
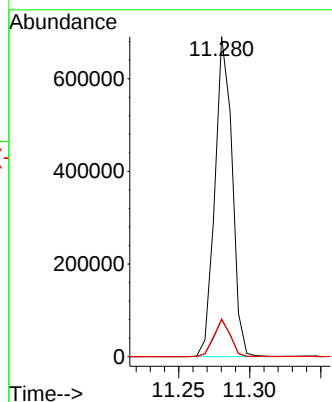
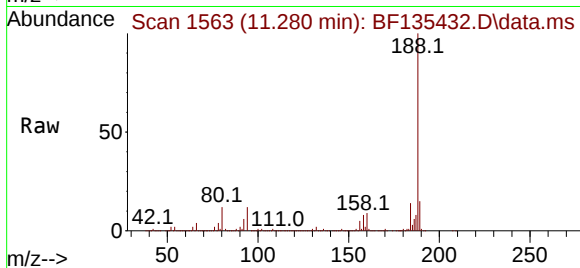
Tgt Ion:188 Resp: 583238

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.6#

80 11.9 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

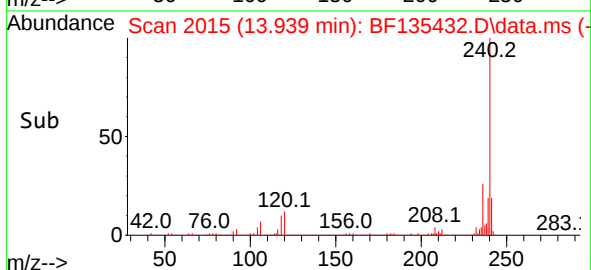
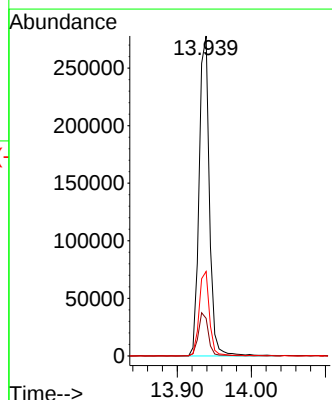
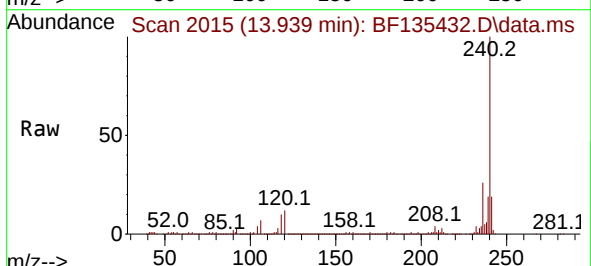
Tgt Ion:240 Resp: 267063

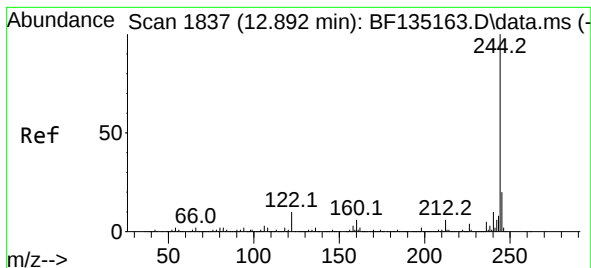
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 26.4 19.8 29.8





#79

Terphenyl-d14

Concen: 73.354 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135432.D

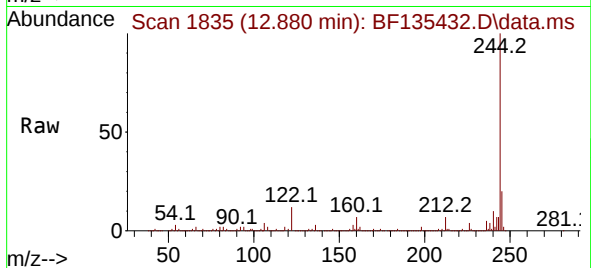
Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :

EMBRIDGE-M-R-HEATER



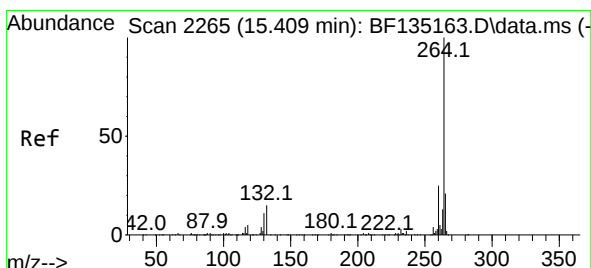
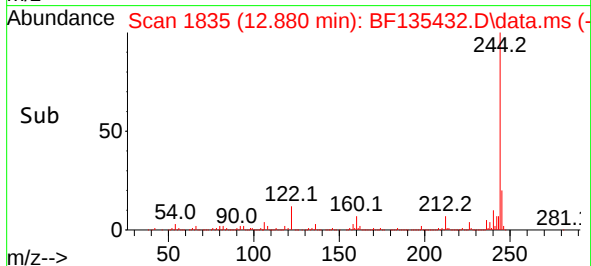
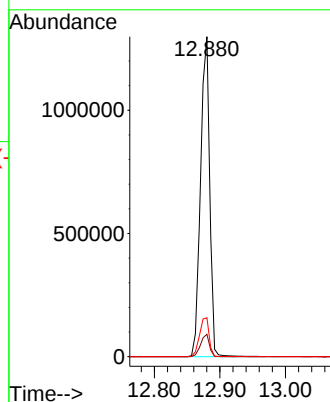
Tgt Ion:244 Resp: 1263728

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.1 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Tgt Ion:264 Resp: 328549

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 22.5 17.0 25.4

