

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135430.D
 Acq On : 25 Sep 2023 16:50
 Operator : CG\JU
 Sample : 04540-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 25 17:25:46 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	151723	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	582537	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	266130	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	500467	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	239714	20.000	ng	0.00
86) Perylene-d12	15.404	264	290438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	562589	60.309	ng	0.00
7) Phenol-d6	6.398	99	449090	37.860	ng	0.00
23) Nitrobenzene-d5	7.322	82	994419	92.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	325757	123.174	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1595391	90.445	ng	-0.02
79) Terphenyl-d14	12.880	244	1325428	85.713	ng	-0.01

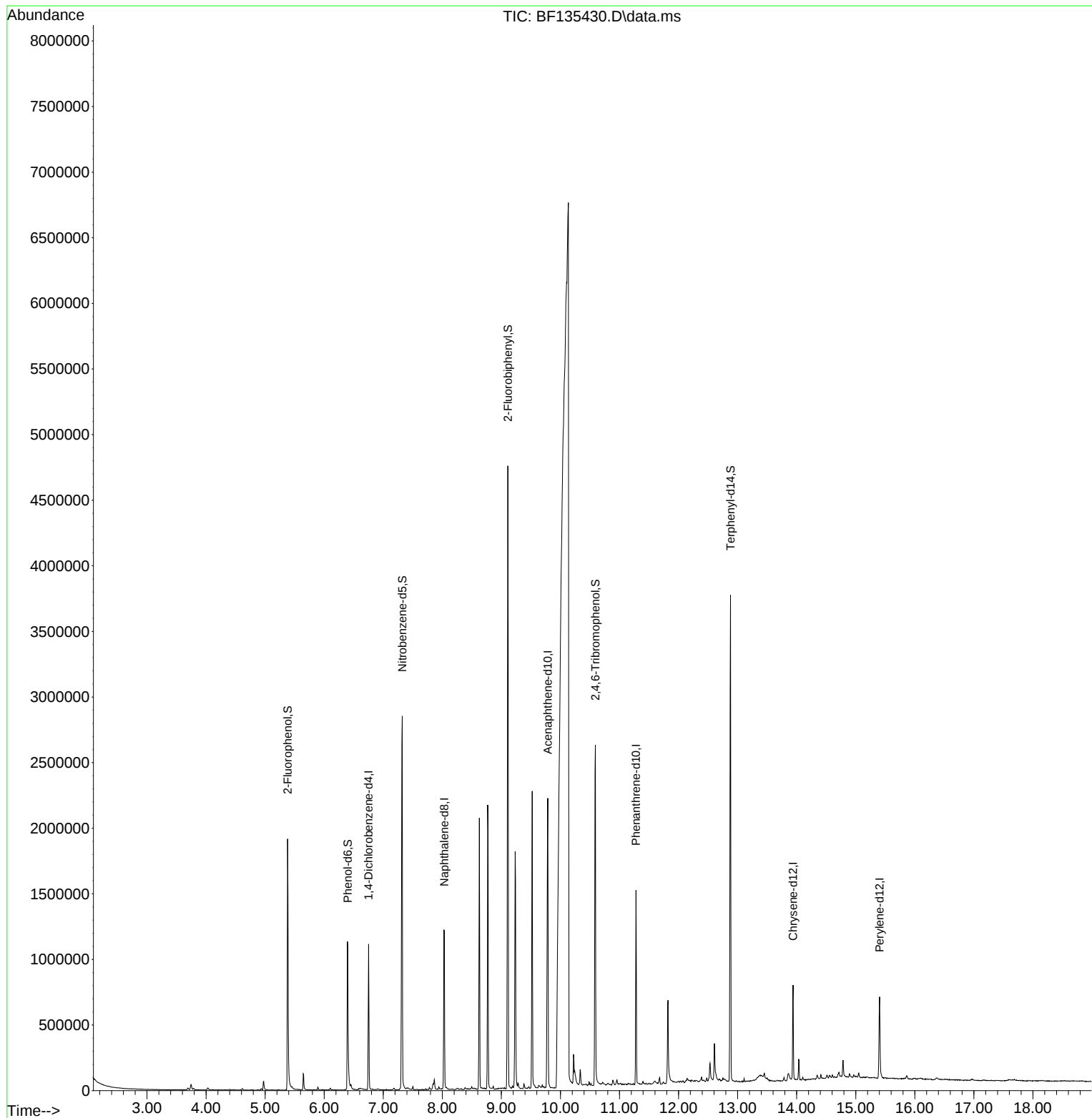
Target Compounds	Qvalue

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

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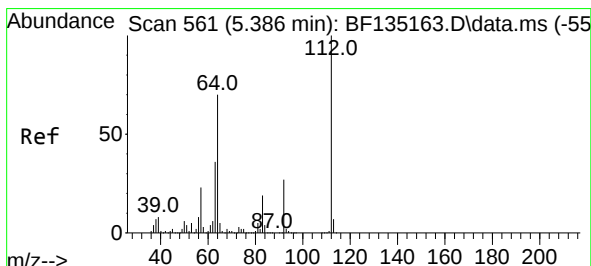
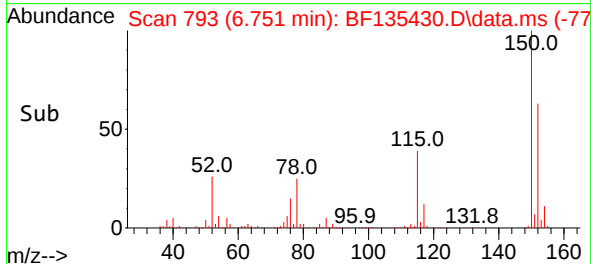
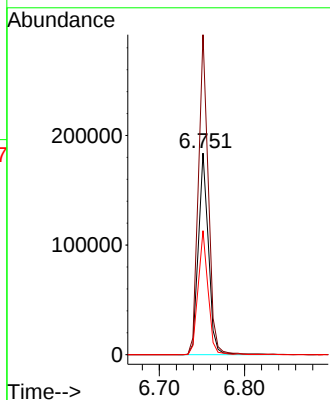
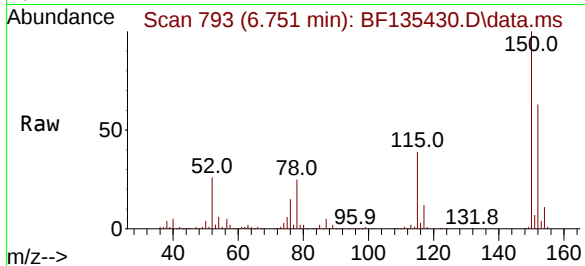




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

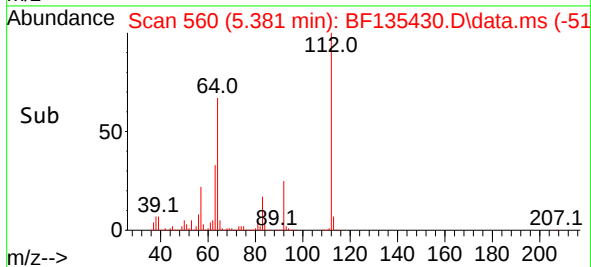
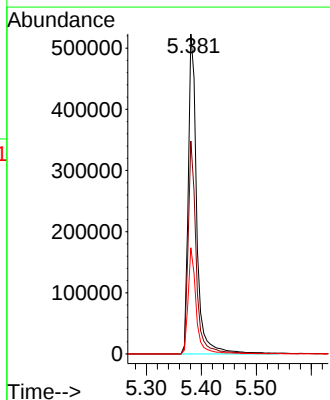
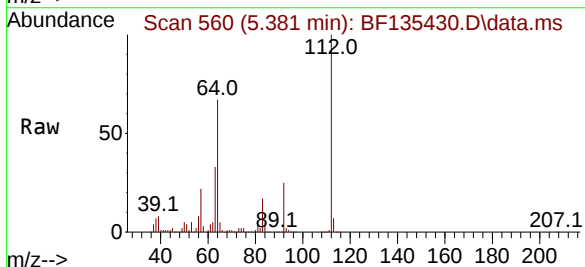
Instrument :
BNA_F
ClientSampleId :
TRANSCO-M-R-HEATER

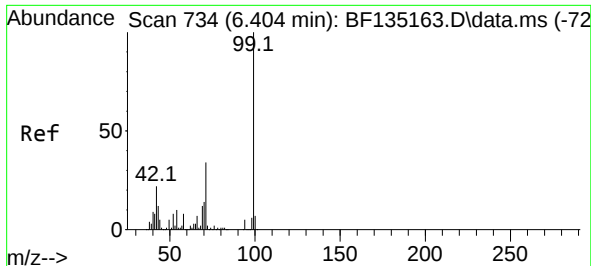
Tgt Ion:152 Resp: 151723
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 61.5 49.8 74.8



#5
2-Fluorophenol
Concen: 60.309 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135430.D
Acq: 25 Sep 2023 16:50

Tgt Ion:112 Resp: 562589
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 33.2 29.0 43.6





#7

Phenol-d6

Concen: 37.860 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :

TRANSCO-M-R-HEATER

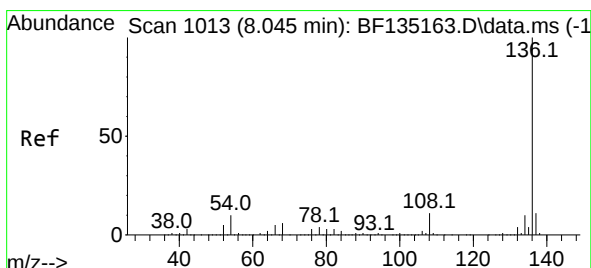
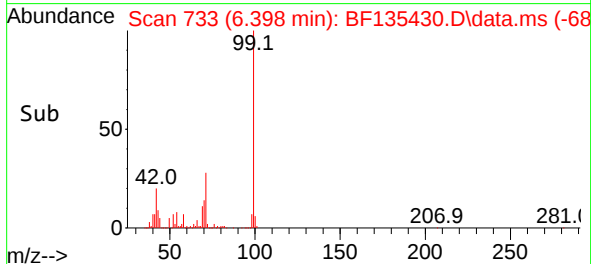
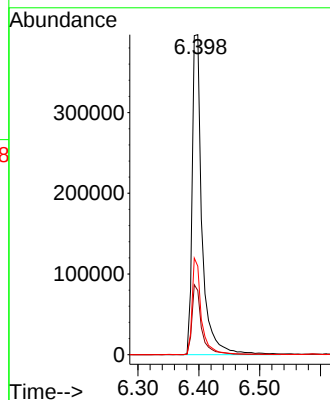
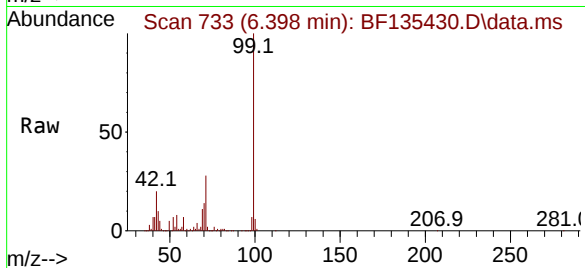
Tgt Ion: 99 Resp: 449090

Ion Ratio Lower Upper

99 100

42 20.1 17.9 26.9

71 27.6 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Tgt Ion: 136 Resp: 582537

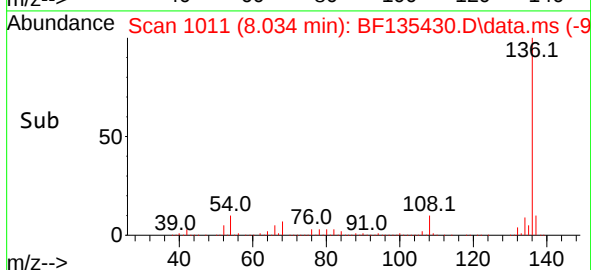
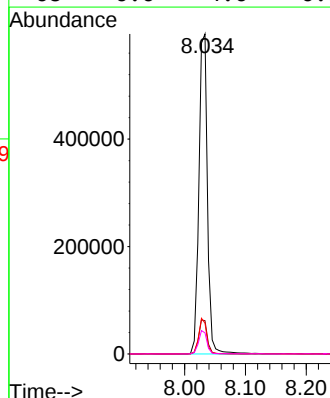
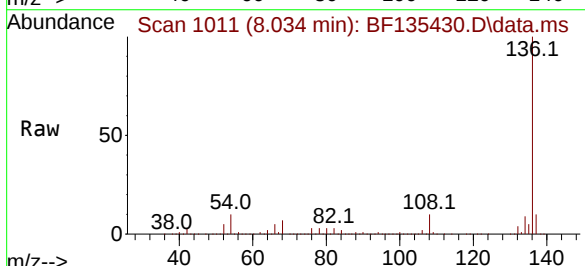
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.6 7.7 11.5

68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.743 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :

TRANSCO-M-R-HEATER

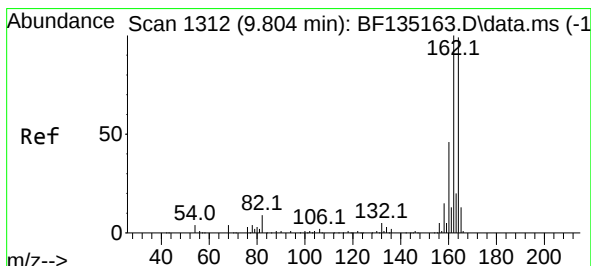
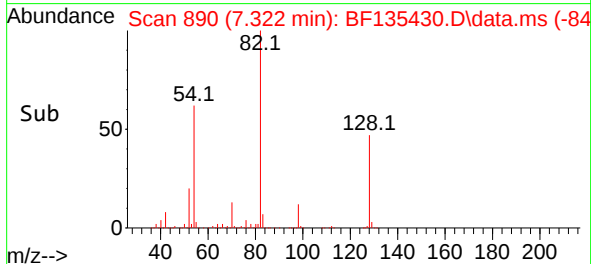
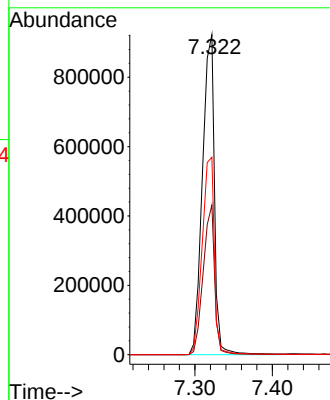
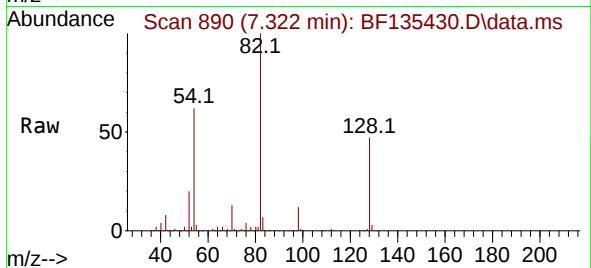
Tgt Ion: 82 Resp: 994419

Ion Ratio Lower Upper

82 100

128 46.8 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: BF135430.D

Acq: 25 Sep 2023 16:50

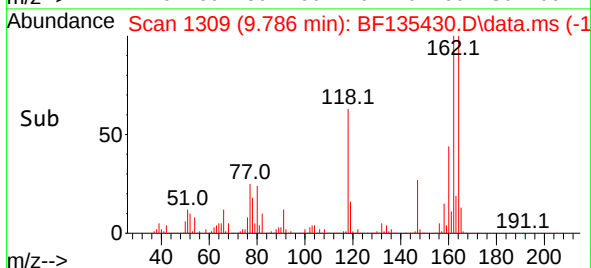
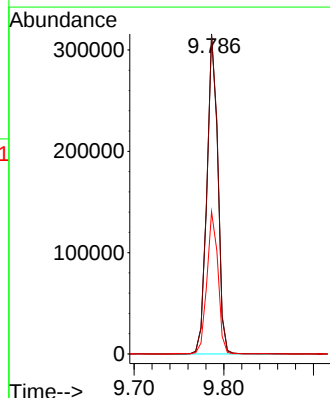
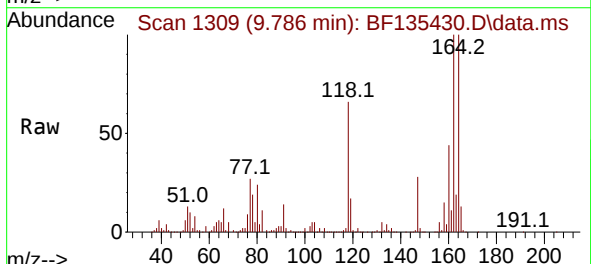
Tgt Ion:164 Resp: 266130

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.4

160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 123.174 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135430.D

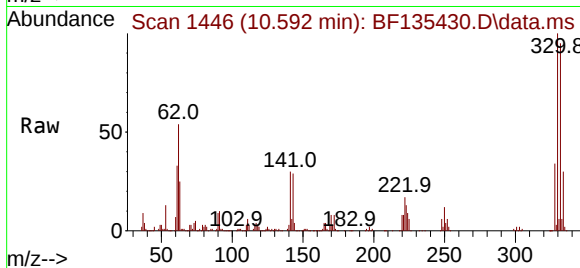
Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :

TRANSCO-M-R-HEATER



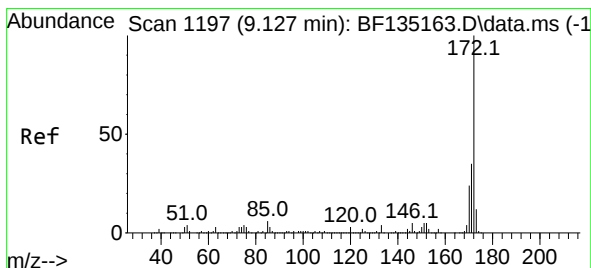
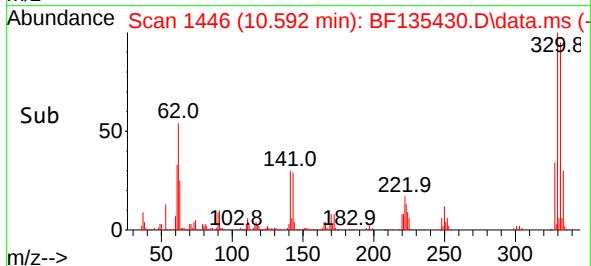
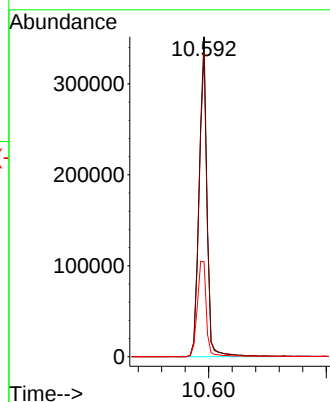
Tgt Ion:330 Resp: 325757

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.445 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.018 min

Lab File: BF135430.D

Acq: 25 Sep 2023 16:50

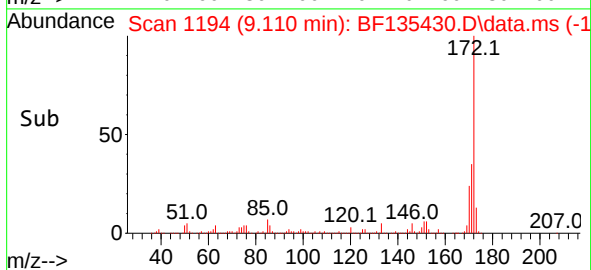
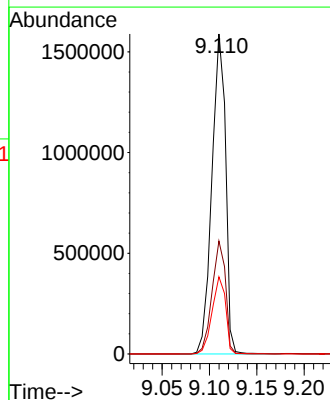
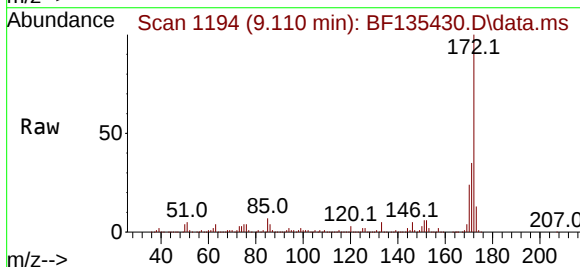
Tgt Ion:172 Resp: 1595391

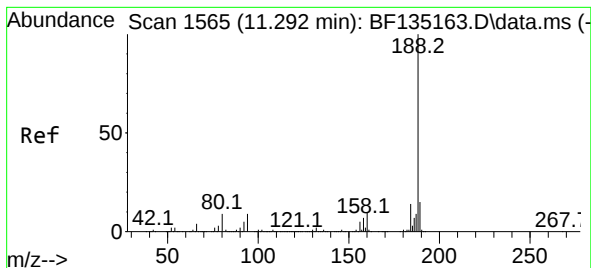
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 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: BF135430.D

Acq: 25 Sep 2023 16:50

Instrument :

BNA_F

ClientSampleId :

TRANSCO-M-R-HEATER

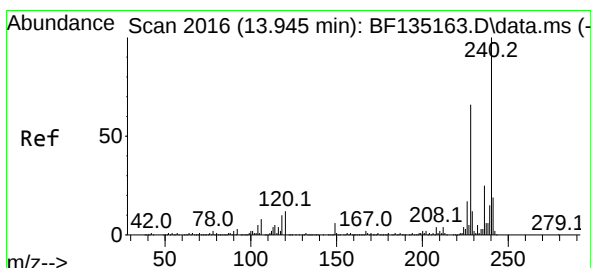
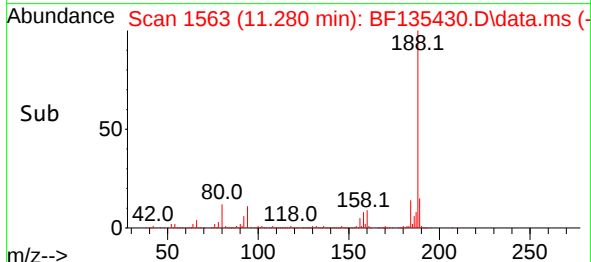
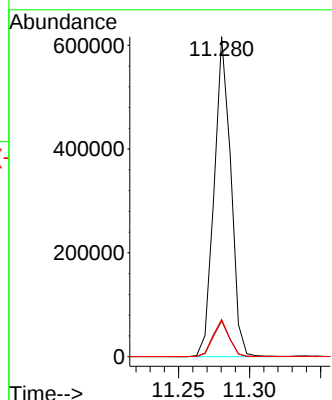
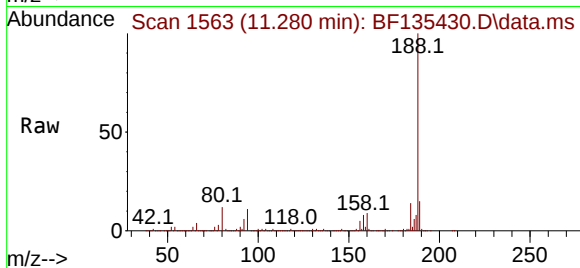
Tgt Ion:188 Resp: 500467

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 11.7 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: BF135430.D

Acq: 25 Sep 2023 16:50

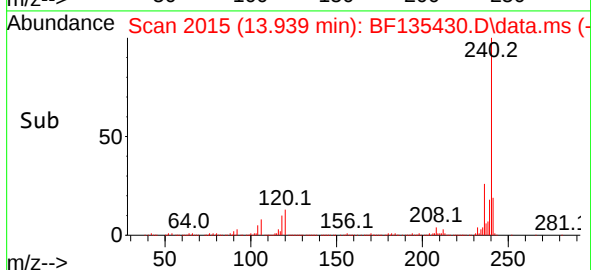
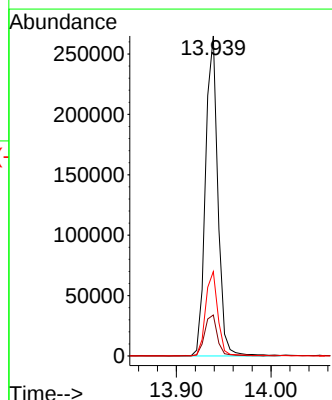
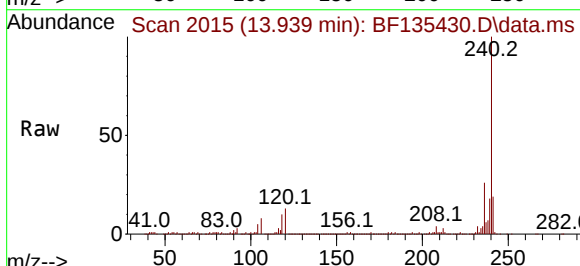
Tgt Ion:240 Resp: 239714

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

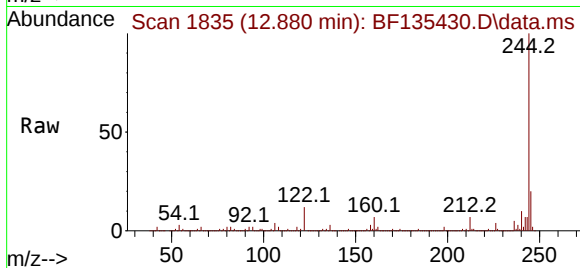
236 26.3 19.8 29.8





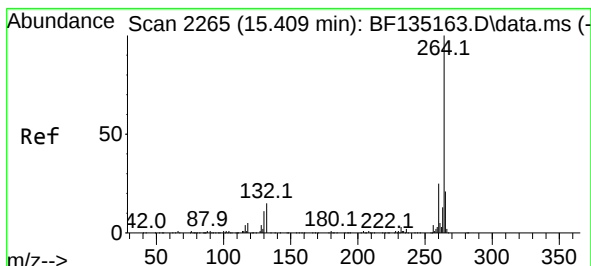
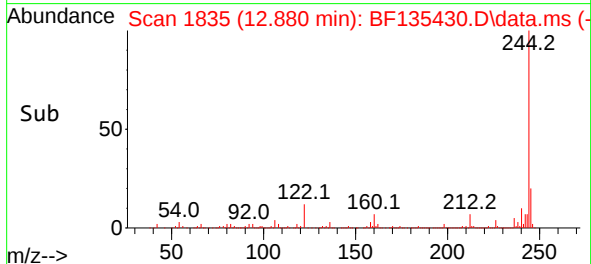
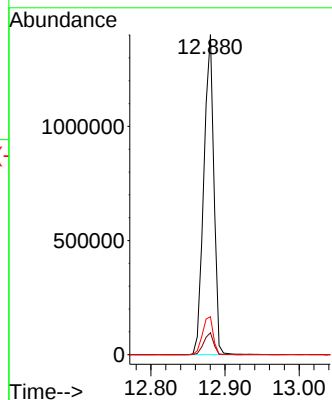
#79
 Terphenyl-d14
 Concen: 85.713 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135430.D
 Acq: 25 Sep 2023 16:50

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



Tgt Ion:244 Resp: 1325428

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.1	7.7
122	11.9	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135430.D
 Acq: 25 Sep 2023 16:50

Tgt Ion:264 Resp: 290438

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.1	17.0	25.4

