

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135890.D
 Acq On : 19 Oct 2023 17:09
 Operator : CG\JU
 Sample : 04905-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-B4-COMP-101323

Quant Time: Oct 20 01:56:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	49810	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	190887	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	94619	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	182205	20.000	ng	#-0.01
76) Chrysene-d12	13.933	240	118713	20.000	ng	-0.02
86) Perylene-d12	15.410	264	141143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	452511	146.060	ng	0.00
7) Phenol-d6	6.393	99	561248	145.190	ng	0.00
23) Nitrobenzene-d5	7.304	82	357320	102.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	153423	168.978	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	645525	106.668	ng	-0.01
79) Terphenyl-d14	12.869	244	618236	96.444	ng	-0.01

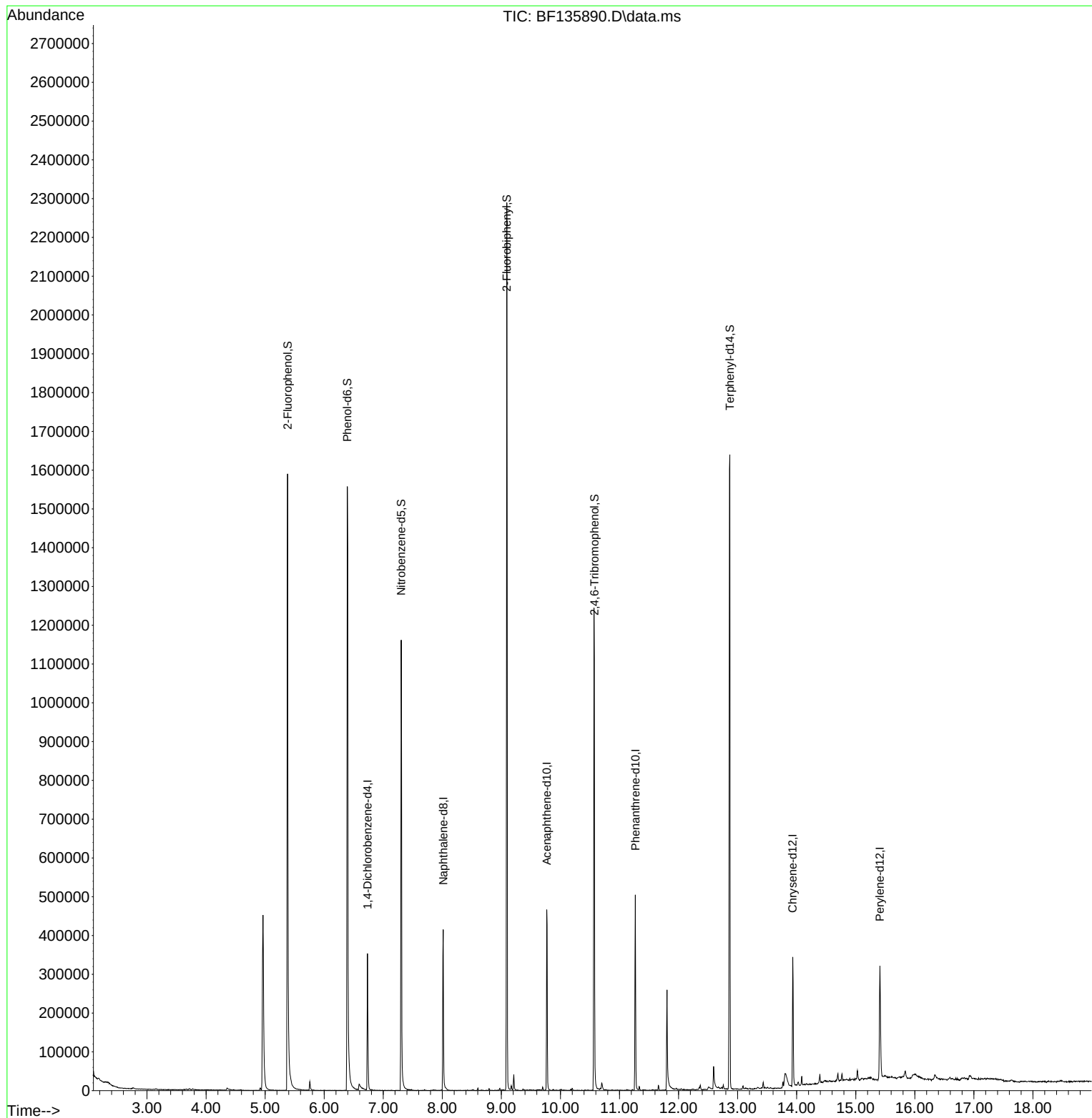
Target Compounds	Qvalue

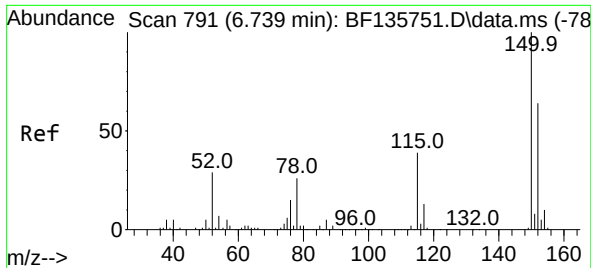
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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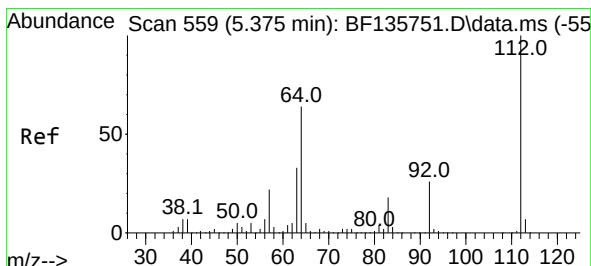
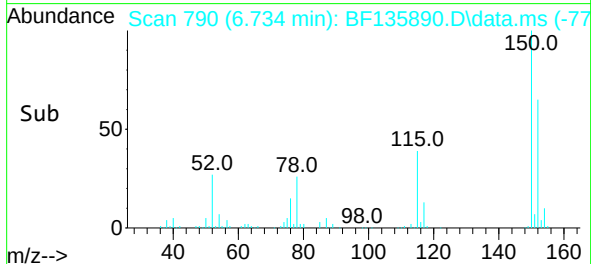
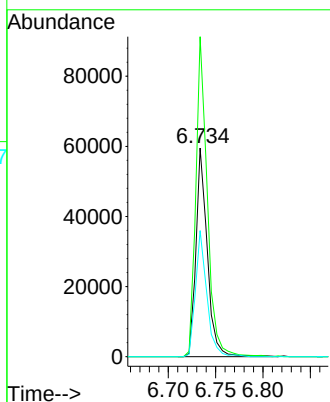
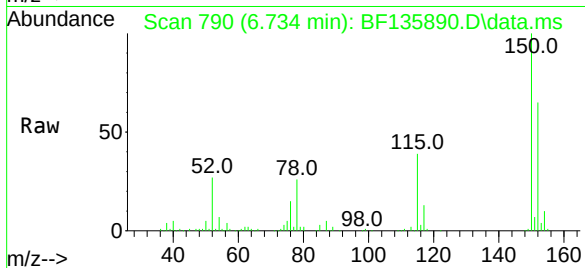




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135890.D
 Acq: 19 Oct 2023 17:09

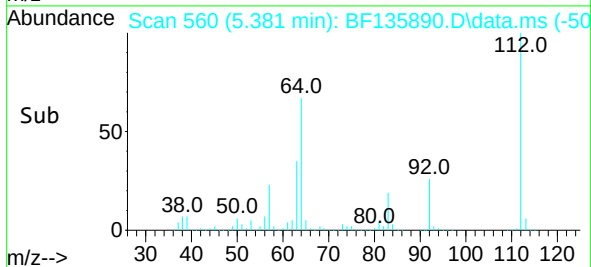
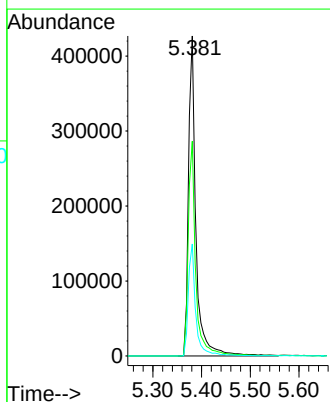
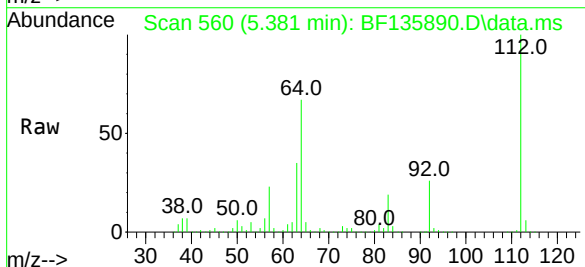
Instrument :
 BNA_F
 ClientSampleId :
 LSS-B4-COMP-101323

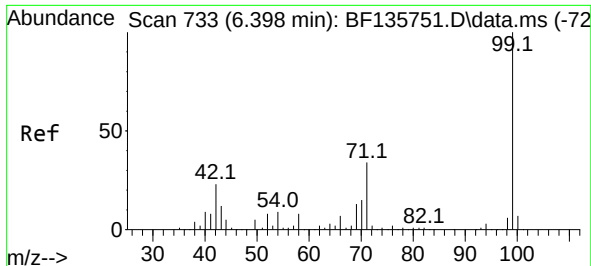
Tgt Ion:152 Resp: 49810
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.5 186.7
 115 60.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 146.060 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135890.D
 Acq: 19 Oct 2023 17:09

Tgt Ion:112 Resp: 452511
 Ion Ratio Lower Upper
 112 100
 64 67.1 51.2 76.8
 63 35.0 26.1 39.1

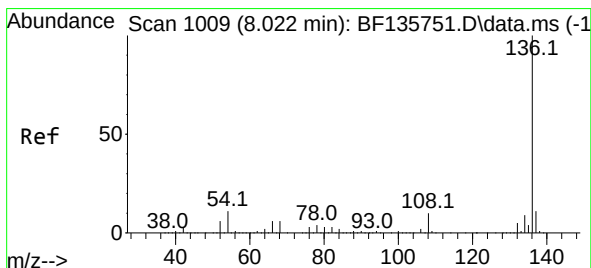
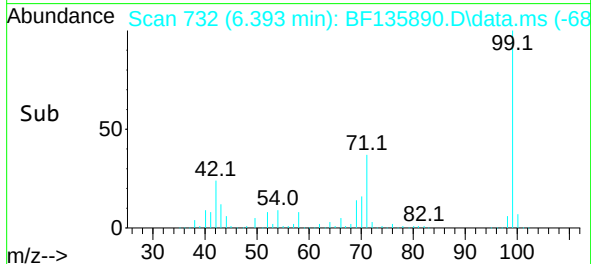
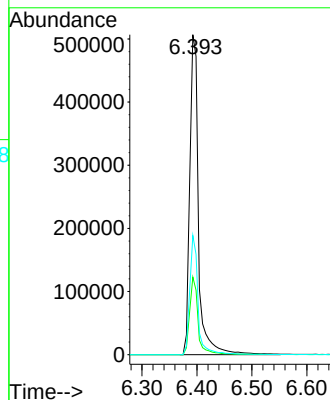
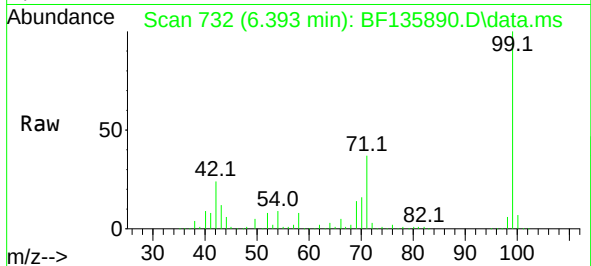




#7
Phenol-d6
Concen: 145.190 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135890.D
Acq: 19 Oct 2023 17:09

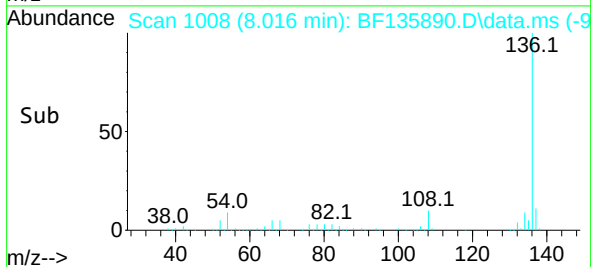
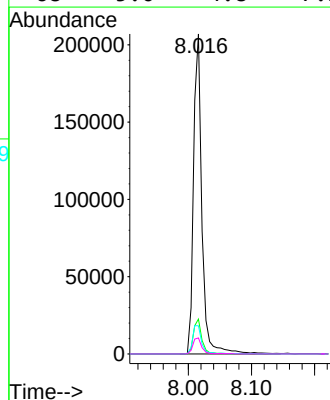
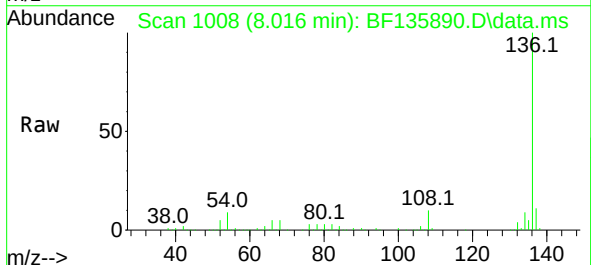
Instrument :
BNA_F
ClientSampleId :
LSS-B4-COMP-101323

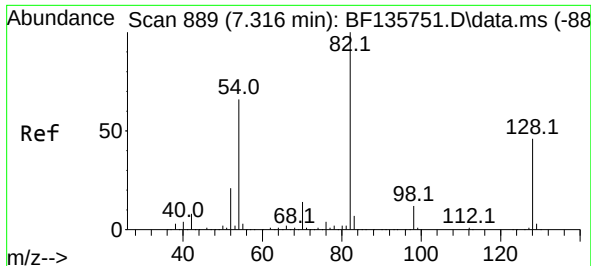
Tgt Ion: 99 Resp: 561248
Ion Ratio Lower Upper
99 100
42 24.2 18.4 27.6
71 37.3 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135890.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 136 Resp: 190887
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 8.5 12.7
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 102.953 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135890.D

Acq: 19 Oct 2023 17:09

Instrument :

BNA_F

ClientSampleId :

LSS-B4-COMP-101323

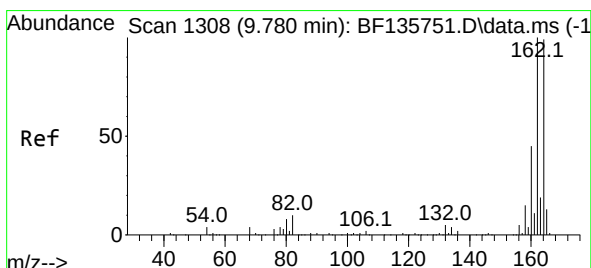
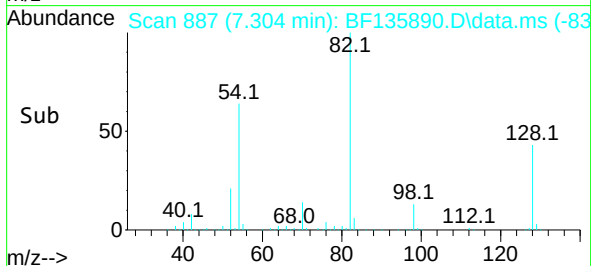
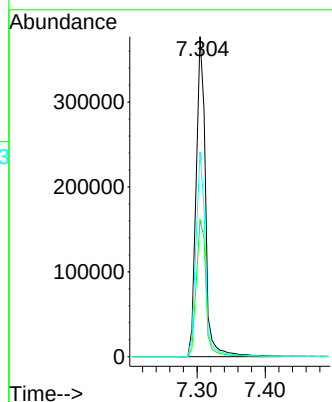
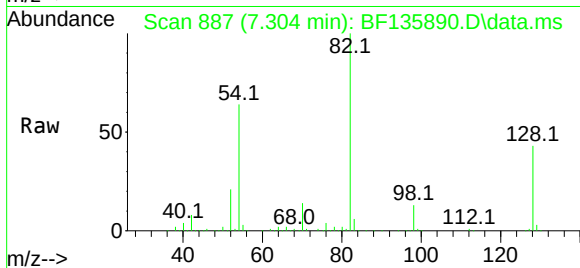
Tgt Ion: 82 Resp: 357320

Ion Ratio Lower Upper

82 100

128 42.7 37.0 55.6

54 64.0 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.018 min

Lab File: BF135890.D

Acq: 19 Oct 2023 17:09

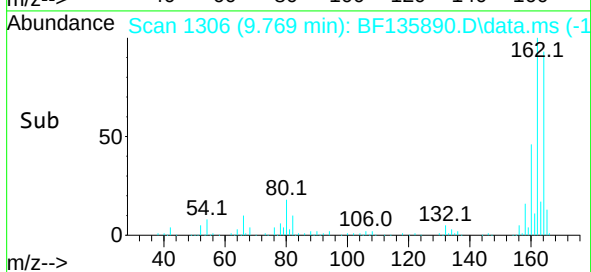
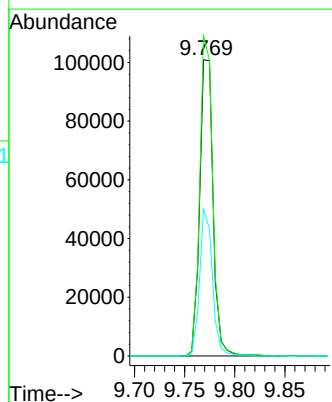
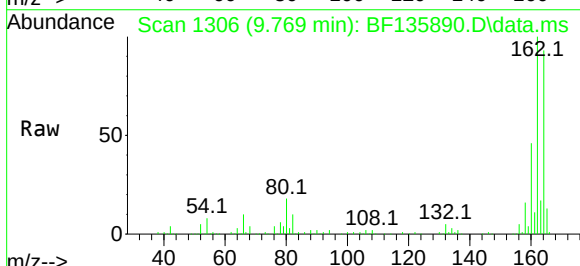
Tgt Ion:164 Resp: 94619

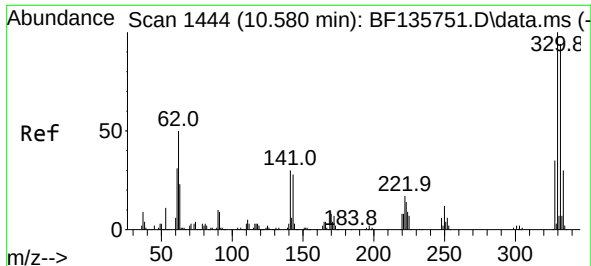
Ion Ratio Lower Upper

164 100

162 108.1 80.8 121.2

160 49.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 168.978 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135890.D

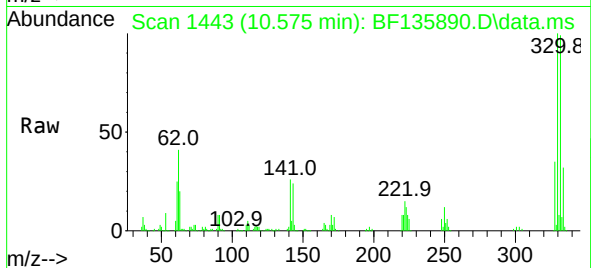
Acq: 19 Oct 2023 17:09

Instrument :

BNA_F

ClientSampleId :

LSS-B4-COMP-101323



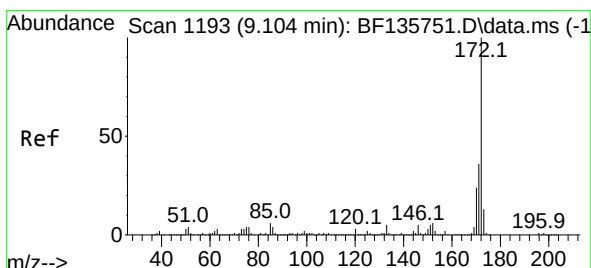
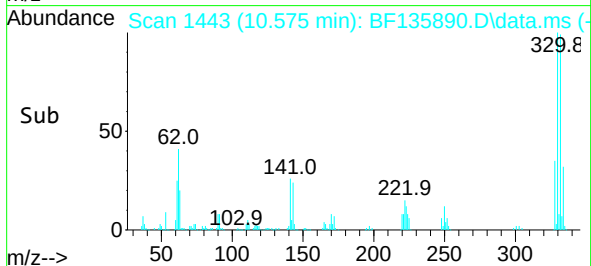
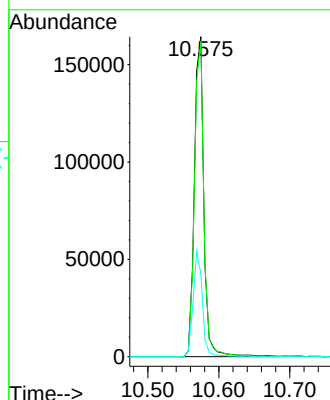
Tgt Ion:330 Resp: 153423

Ion Ratio Lower Upper

330 100

332 97.2 75.0 112.4

141 32.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 106.668 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135890.D

Acq: 19 Oct 2023 17:09

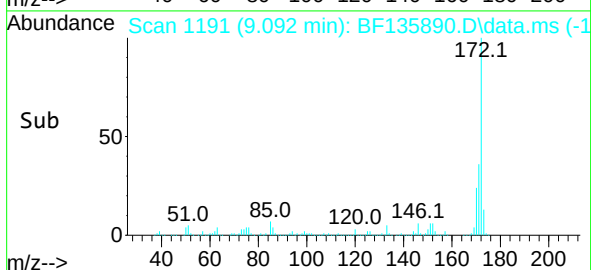
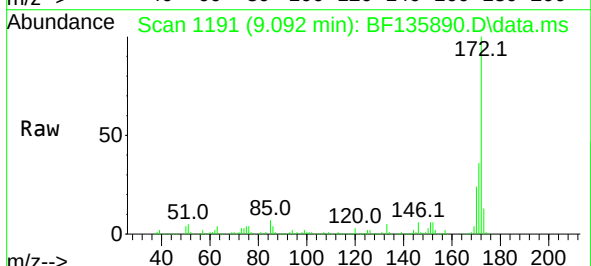
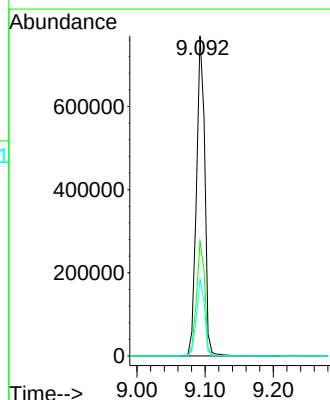
Tgt Ion:172 Resp: 645525

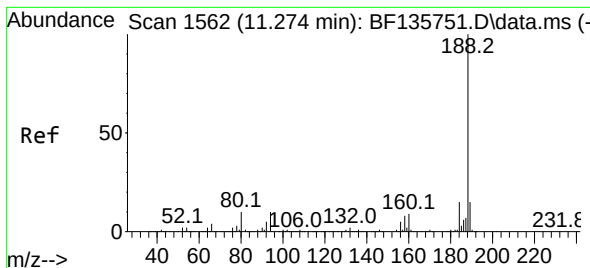
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135890.D

Acq: 19 Oct 2023 17:09

Instrument :

BNA_F

ClientSampleId :

LSS-B4-COMP-101323

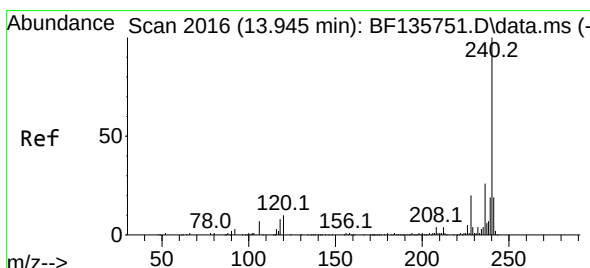
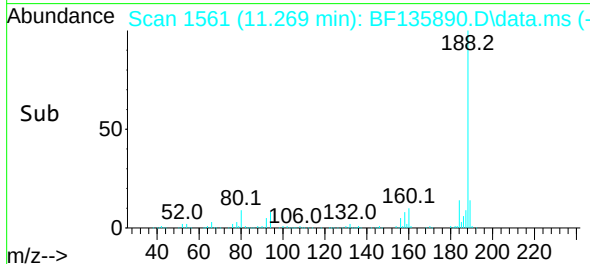
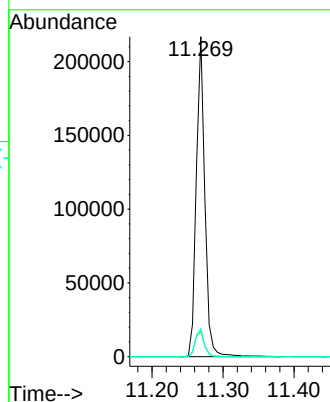
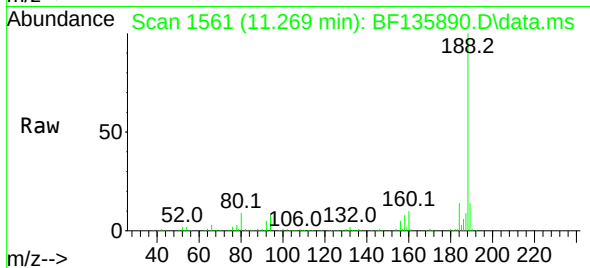
Tgt Ion:188 Resp: 182205

Ion Ratio Lower Upper

188 100

94 8.0 8.0 12.0#

80 8.9 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135890.D

Acq: 19 Oct 2023 17:09

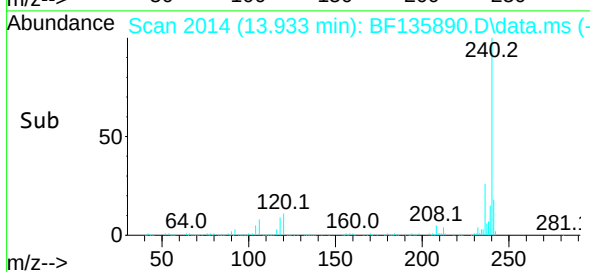
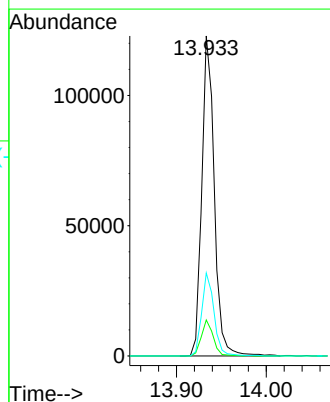
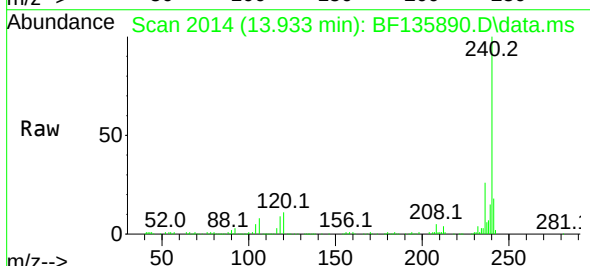
Tgt Ion:240 Resp: 118713

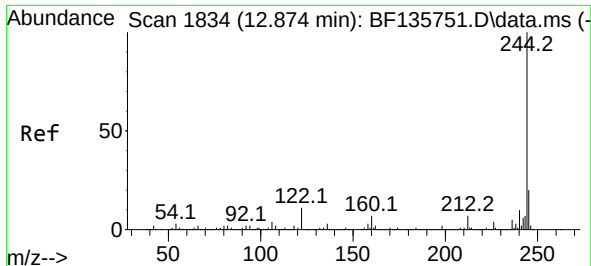
Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

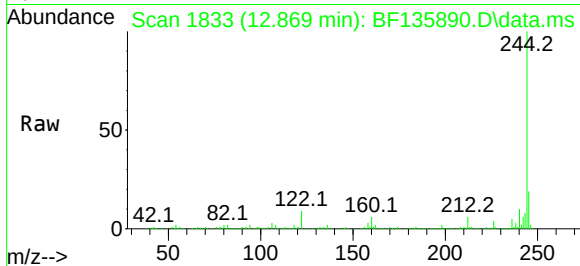
236 25.9 21.2 31.8



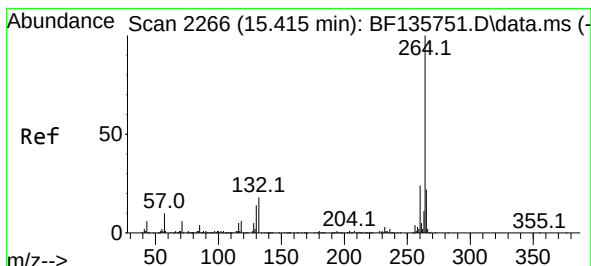
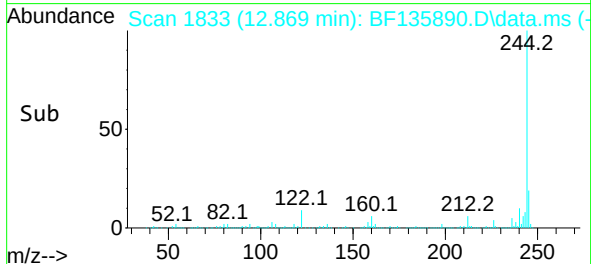
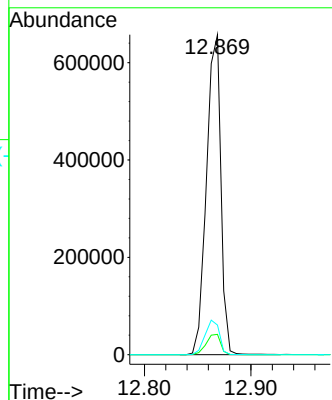


#79
 Terphenyl-d14
 Concen: 96.444 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135890.D
 Acq: 19 Oct 2023 17:09

Instrument :
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 LSS-B4-COMP-101323



Tgt Ion:244 Resp: 618236
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135890.D
 Acq: 19 Oct 2023 17:09

Tgt Ion:264 Resp: 141143
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.5 17.4 26.2

