

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135644.D
 Acq On : 09 Oct 2023 10:46
 Operator : CG\JU
 Sample : PB156178BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156178BL

Quant Time: Oct 09 12:02:10 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	126511	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	504816	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	252196	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	513609	20.000	ng	0.00
76) Chrysene-d12	13.933	240	306083	20.000	ng	0.00
86) Perylene-d12	15.404	264	249751	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1089469	140.064	ng	0.02
7) Phenol-d6	6.392	99	1389438	140.480	ng	0.00
23) Nitrobenzene-d5	7.310	82	877652	94.455	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	346631	138.308	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1522017	91.052	ng	0.00
79) Terphenyl-d14	12.874	244	1575968	79.817	ng	0.01

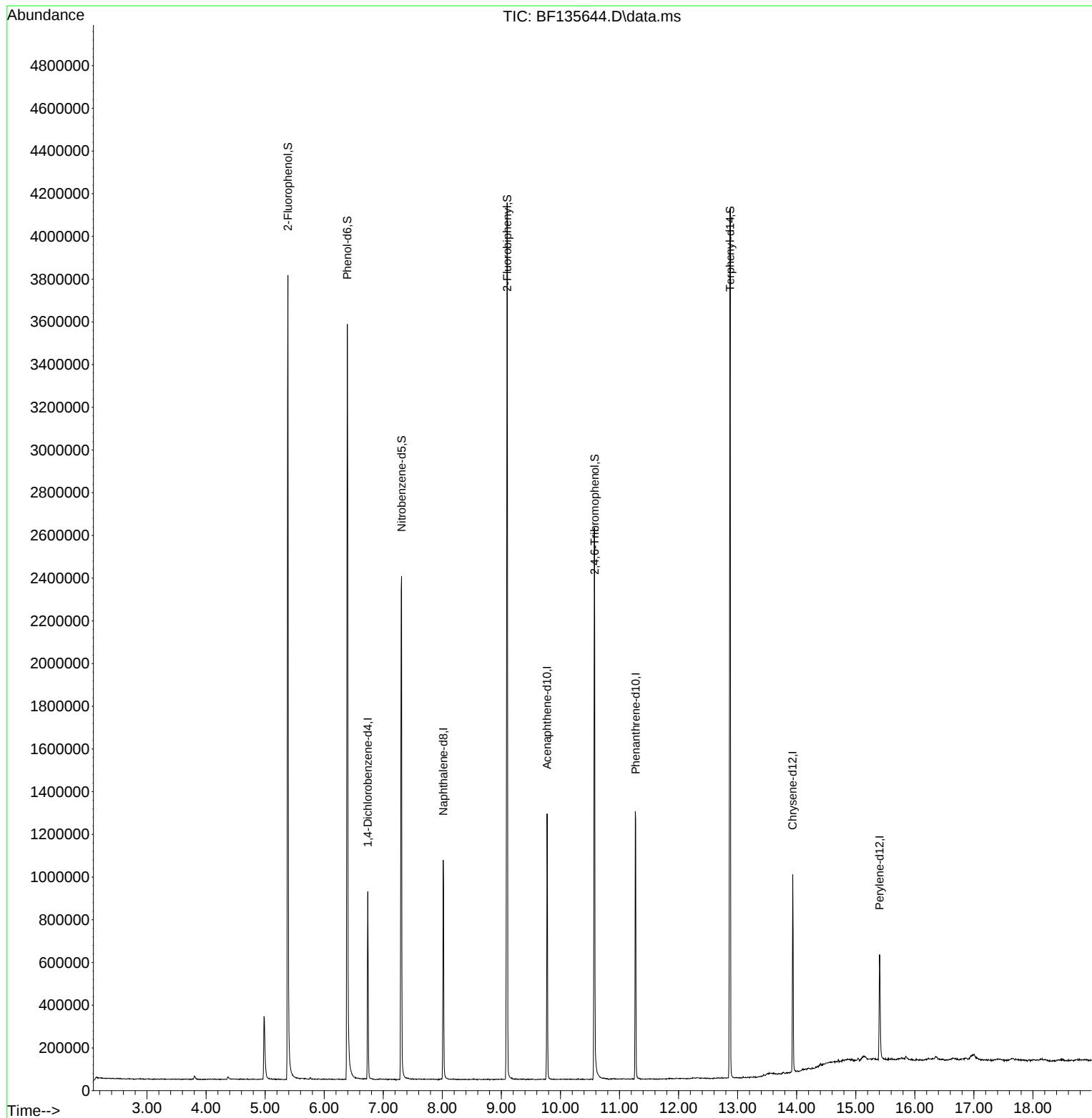
Target Compounds	Qvalue

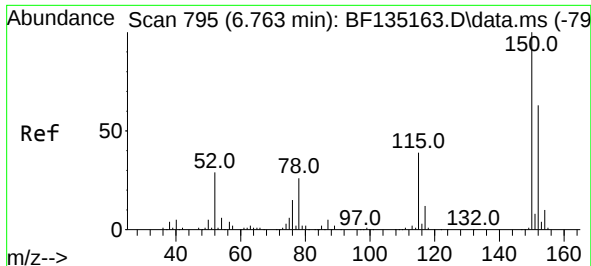
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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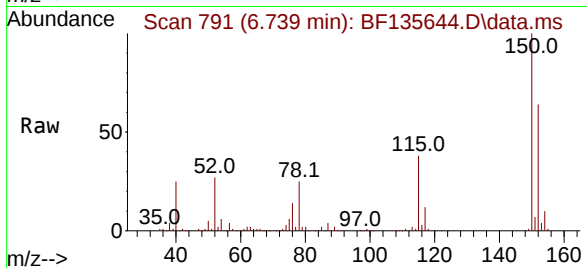
Quant Time: Oct 09 12:02:10 2023
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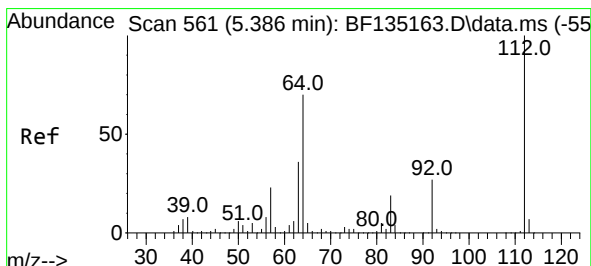
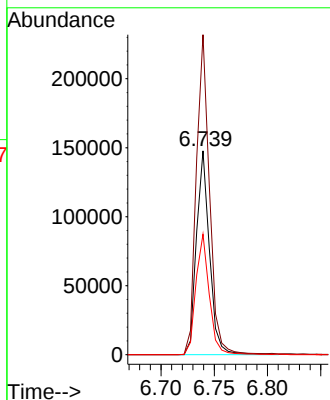
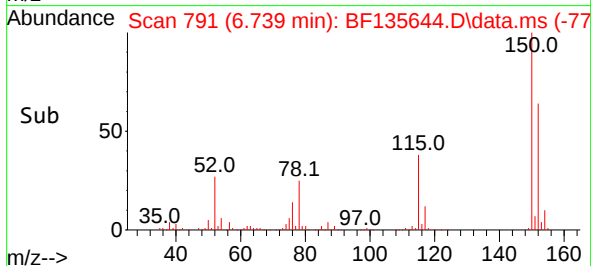


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

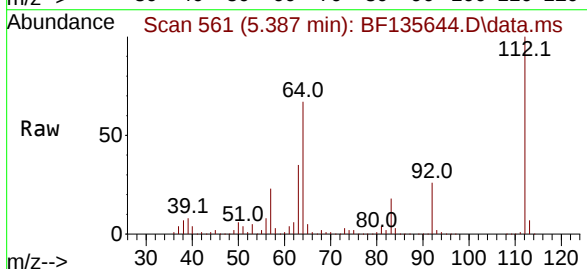
Instrument :
BNA_F
ClientSampleId :
PB156178BL



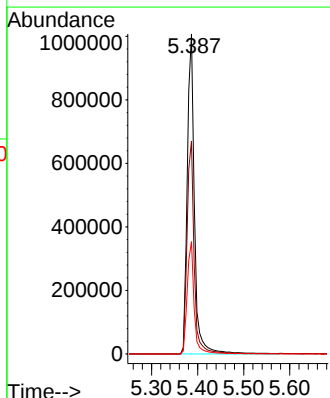
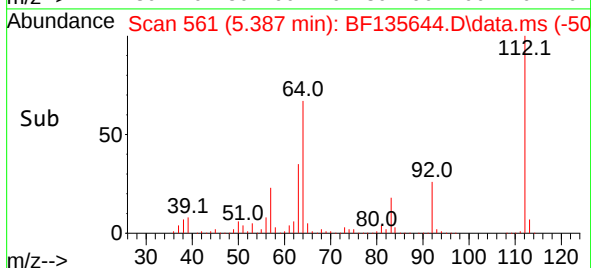
Tgt Ion:152 Resp: 126511
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.1 49.8 74.8

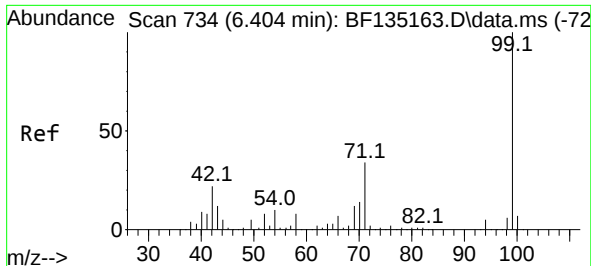


#5
2-Fluorophenol
Concen: 140.064 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46



Tgt Ion:112 Resp: 1089469
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 35.1 29.0 43.6





#7

Phenol-d6

Concen: 140.480 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

PB156178BL

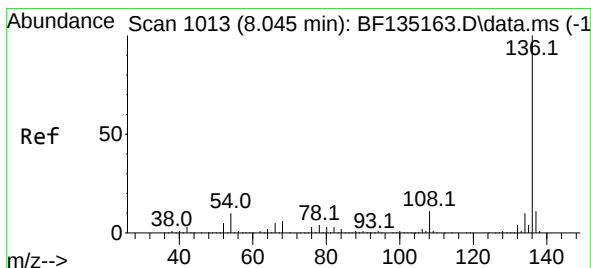
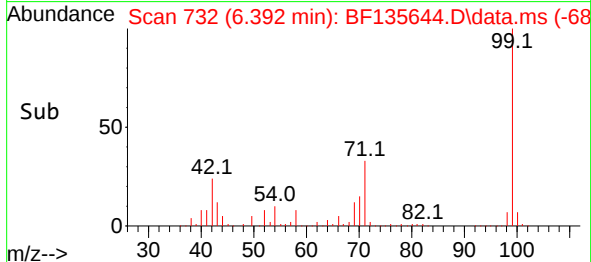
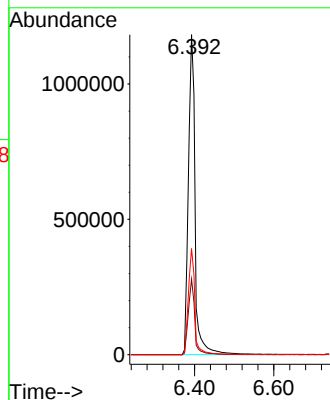
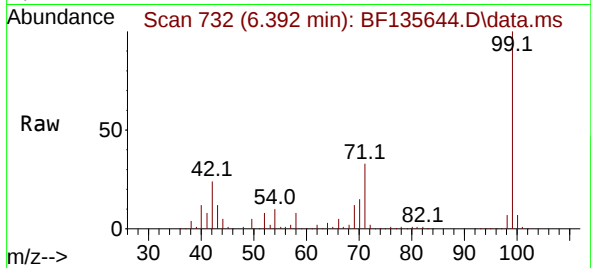
Tgt Ion: 99 Resp: 1389438

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 33.2 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: BF135644.D

Acq: 09 Oct 2023 10:46

Tgt Ion: 136 Resp: 504816

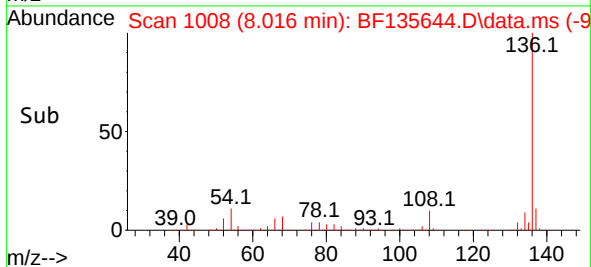
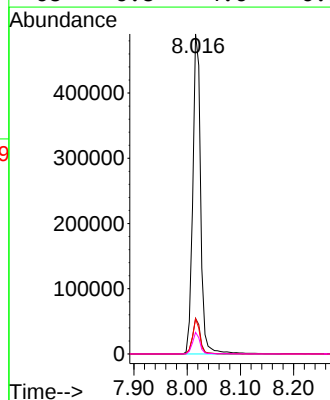
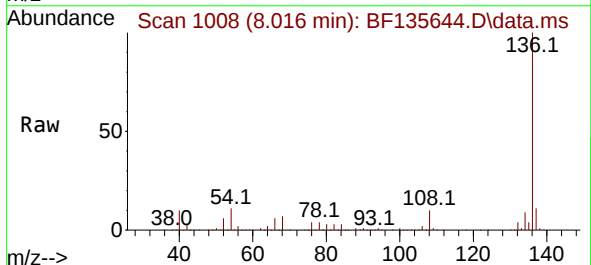
Ion Ratio Lower Upper

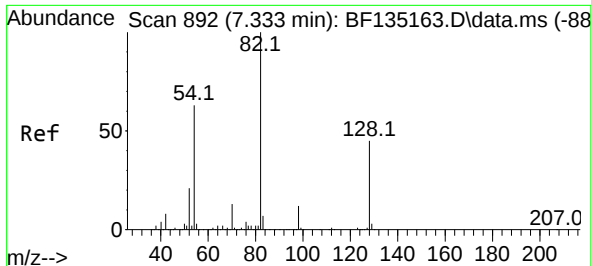
136 100

137 11.1 8.8 13.2

54 11.0 7.7 11.5

68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 94.455 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

PB156178BL

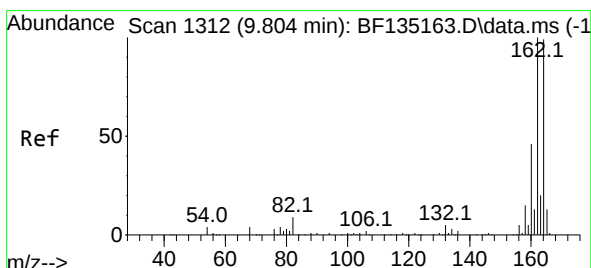
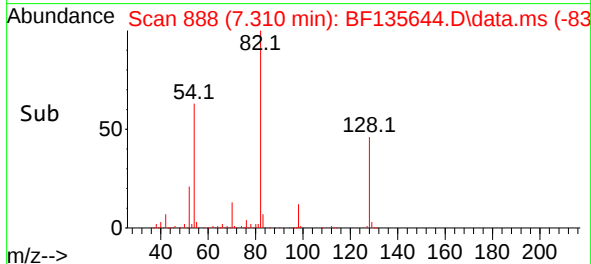
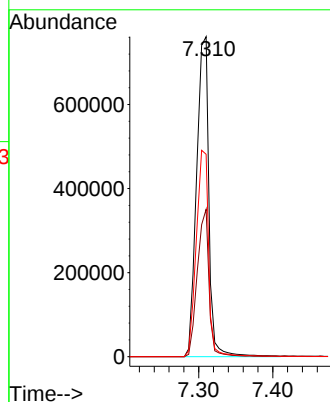
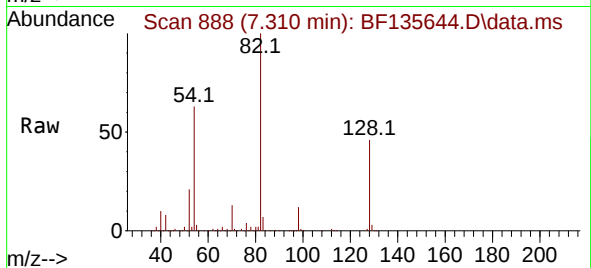
Tgt Ion: 82 Resp: 877652

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.6

54 63.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

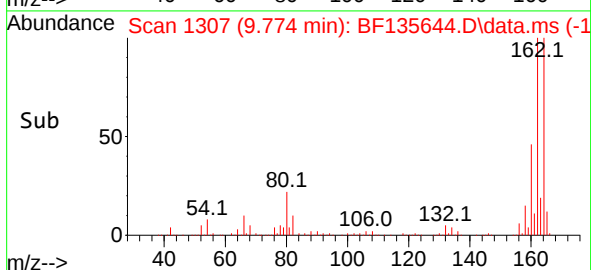
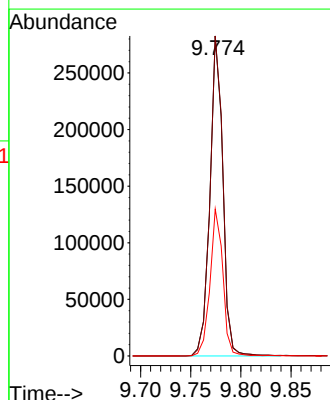
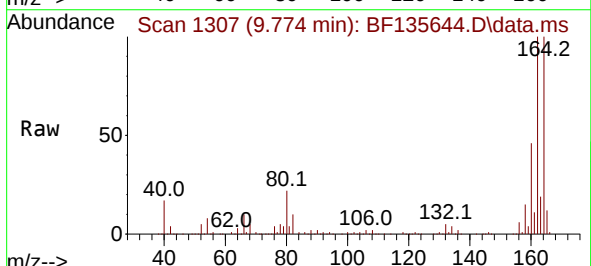
Tgt Ion:164 Resp: 252196

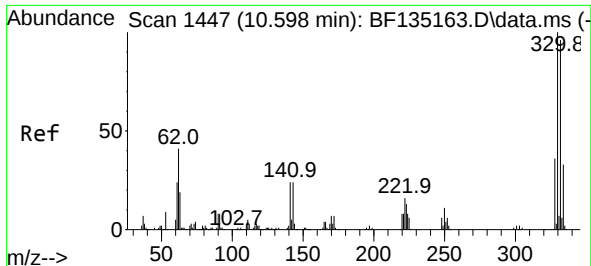
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 138.308 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.012 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

PB156178BL

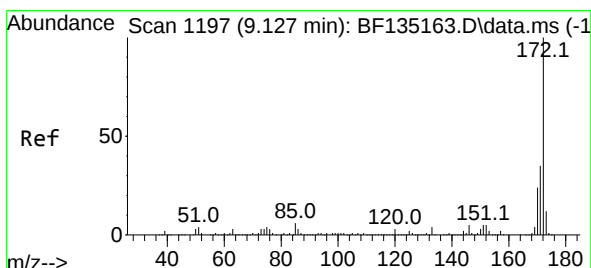
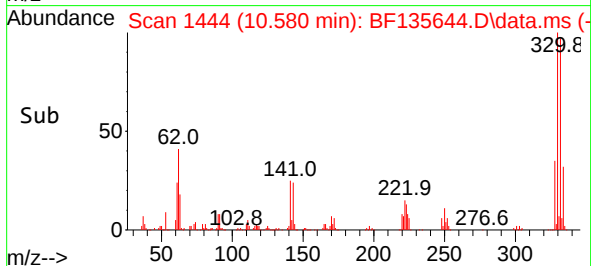
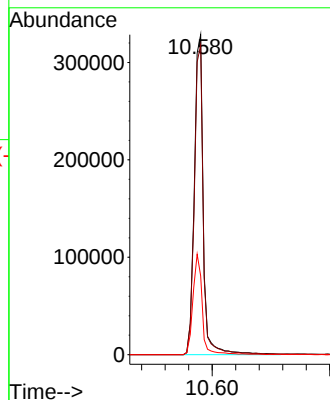
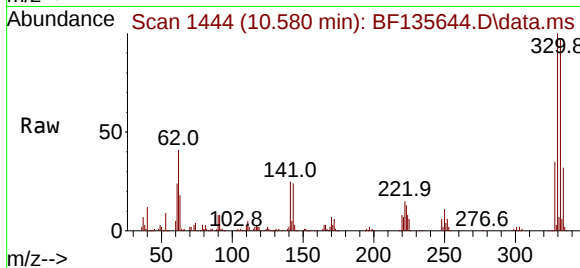
Tgt Ion:330 Resp: 346631

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 32.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.052 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

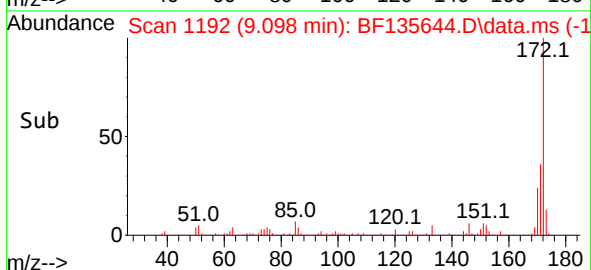
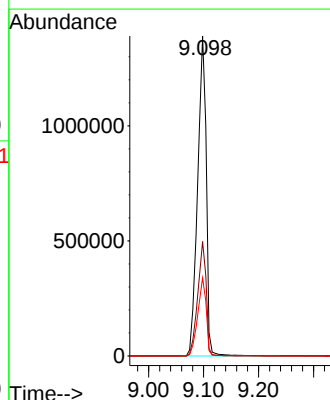
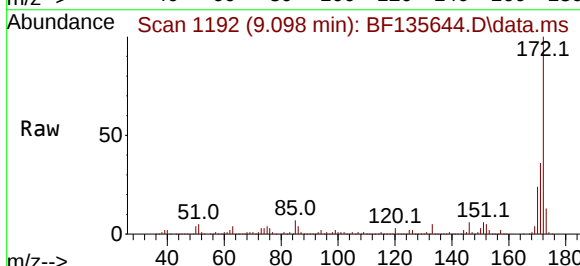
Tgt Ion:172 Resp: 1522017

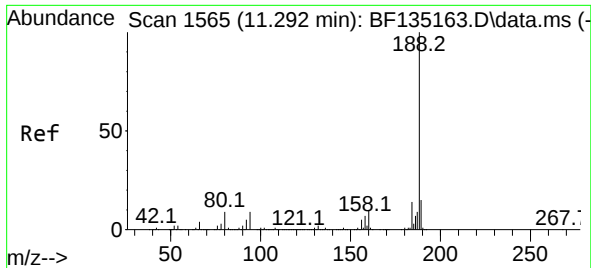
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.4 19.0 28.4

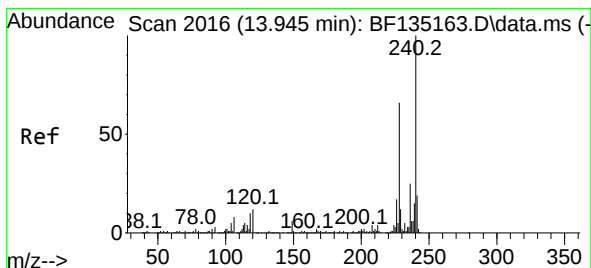
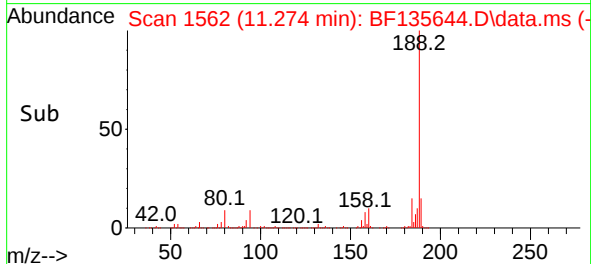
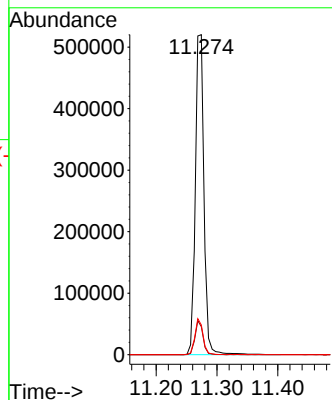
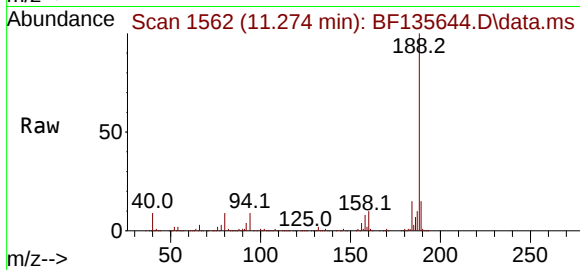




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

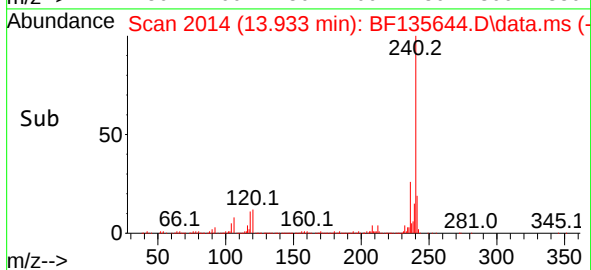
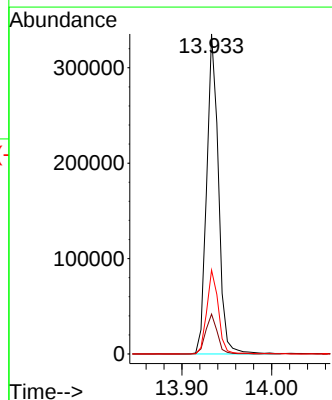
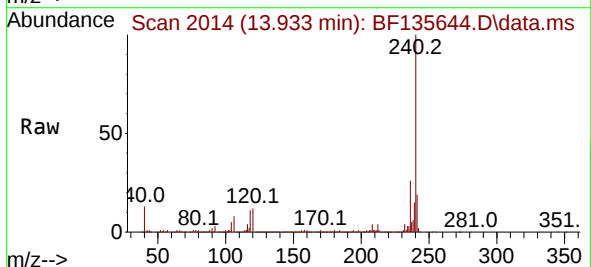
Instrument :
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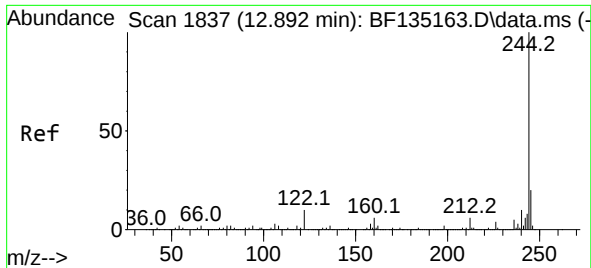
Tgt Ion:188 Resp: 513609
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion:240 Resp: 306083
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.2 19.8 29.8

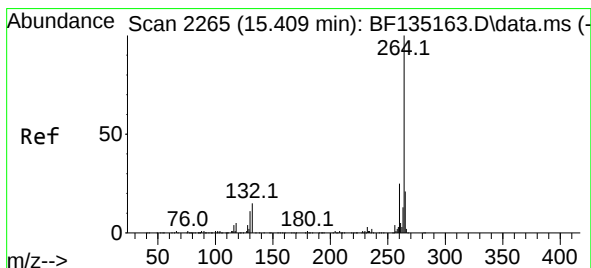
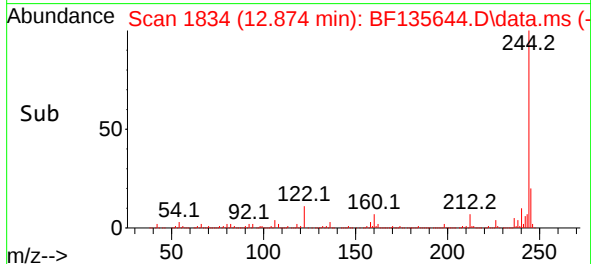
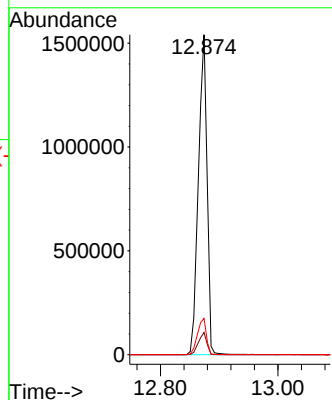
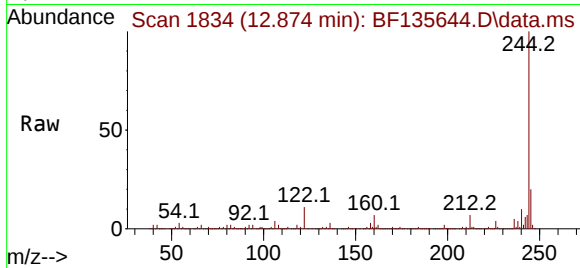




#79
 Terphenyl-d14
 Concen: 79.817 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF135644.D
 Acq: 09 Oct 2023 10:46

Instrument :
 BNA_F
 ClientSampleId :
 PB156178BL

Tgt Ion:244 Resp: 1575968
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.3 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: BF135644.D
 Acq: 09 Oct 2023 10:46

Tgt Ion:264 Resp: 249751
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 22.9 17.0 25.4

