

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135707.D
 Acq On : 11 Oct 2023 12:03
 Operator : CG\JU
 Sample : PB156142TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB

Quant Time: Oct 12 00:46:45 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	102585	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	380708	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	207303	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	381039	20.000	ng	0.00
76) Chrysene-d12	13.933	240	233240	20.000	ng	0.00
86) Perylene-d12	15.409	264	197027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	885026	140.318	ng	0.02
7) Phenol-d6	6.392	99	1064558	132.736	ng	0.00
23) Nitrobenzene-d5	7.304	82	703628	100.412	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	297017	144.177	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1273613	92.692	ng	0.00
79) Terphenyl-d14	12.868	244	1313527	87.301	ng	0.00

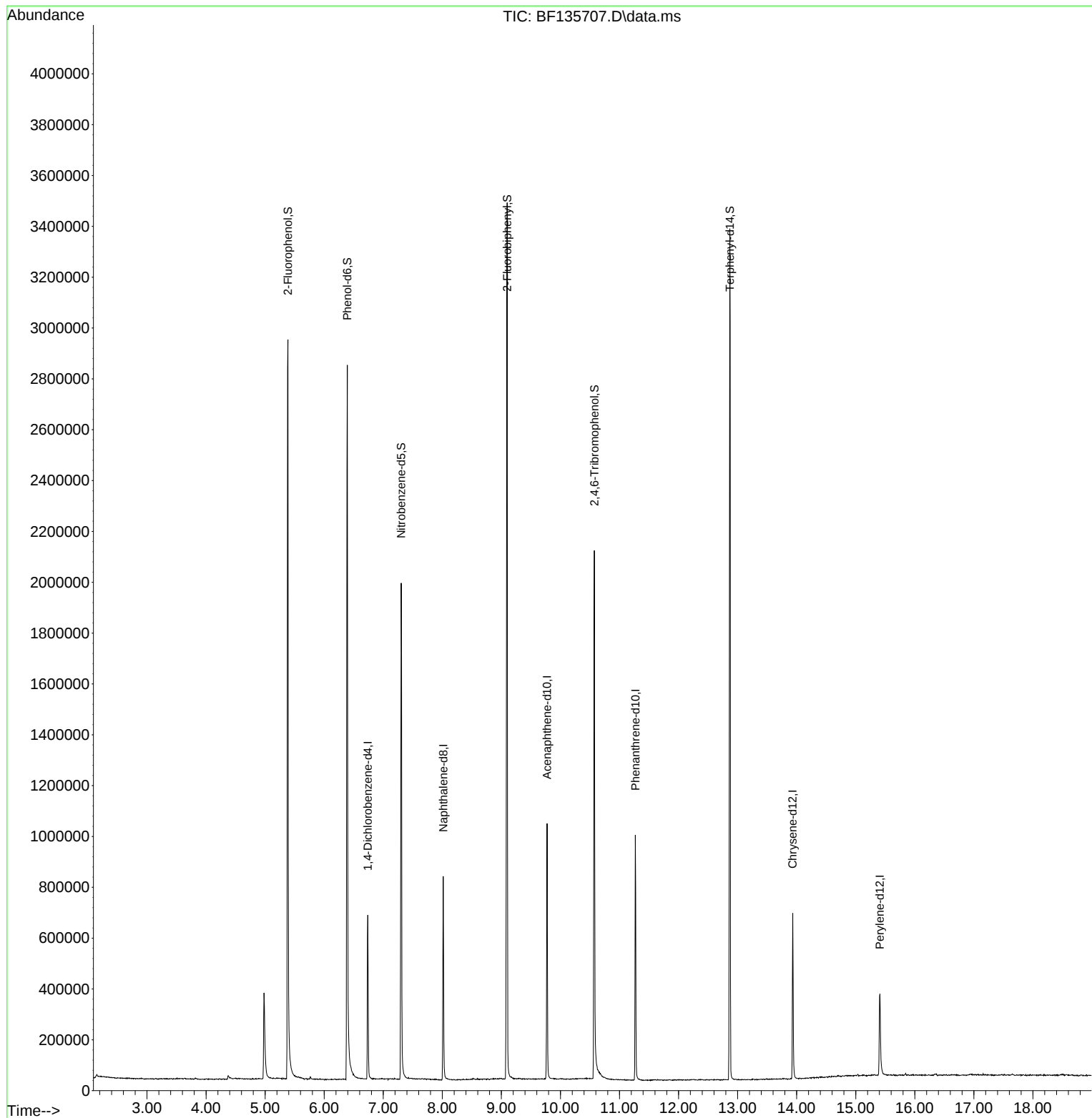
Target Compounds	Qvalue

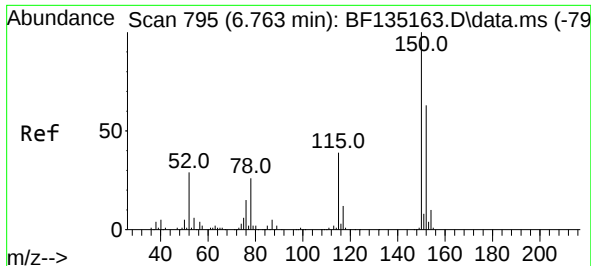
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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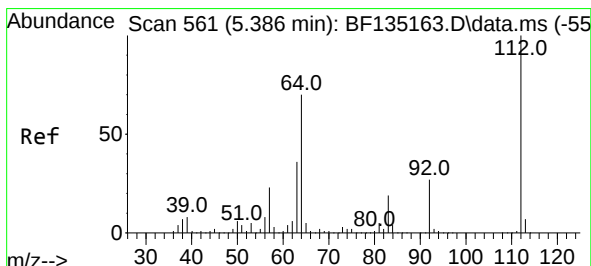
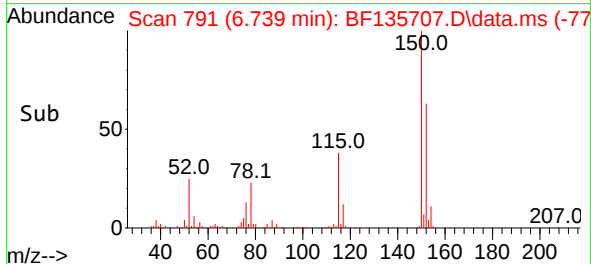
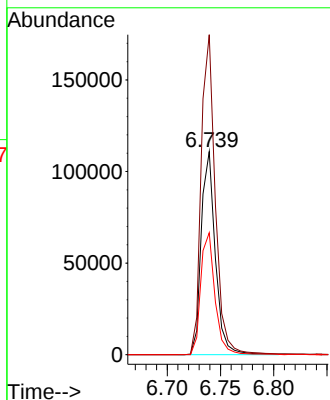
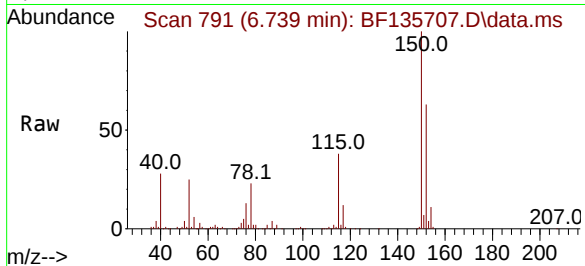




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

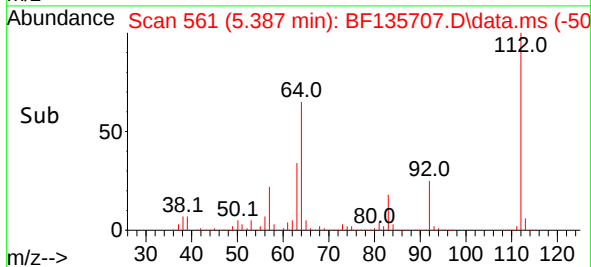
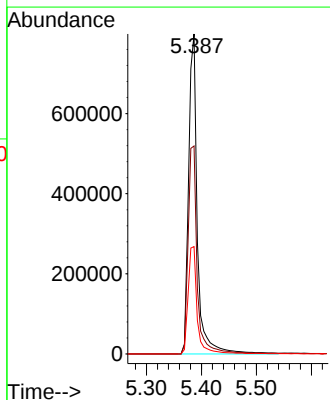
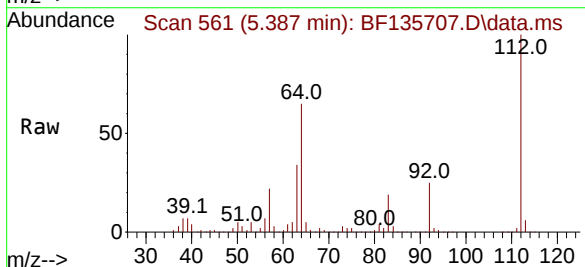
Instrument :
BNA_F
ClientSampleId :
PB156142TB

Tgt Ion:152 Resp: 102585
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 140.318 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion:112 Resp: 885026
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.5 29.0 43.6





#7

Phenol-d6

Concen: 132.736 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Instrument :

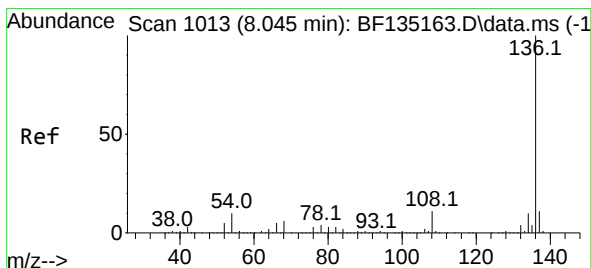
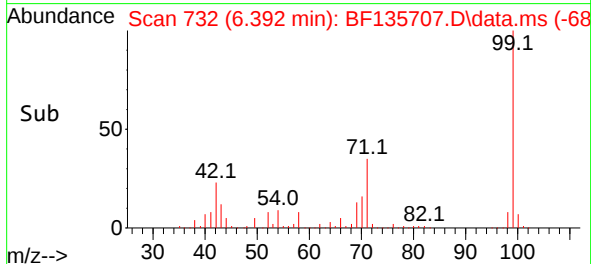
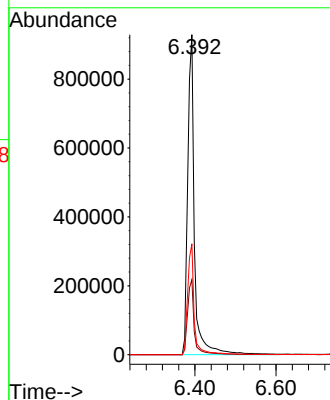
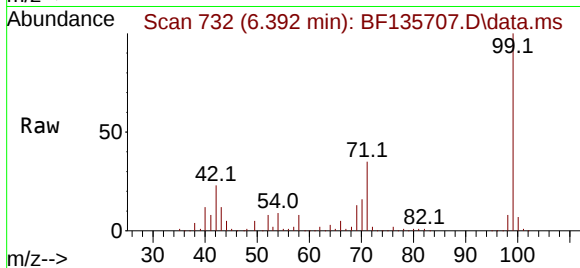
BNA_F

ClientSampleId :

PB156142TB

Tgt Ion: 99 Resp: 1064558

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	34.7	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

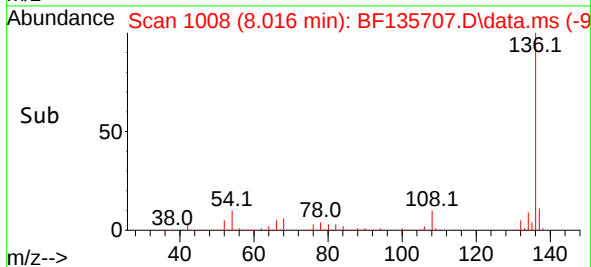
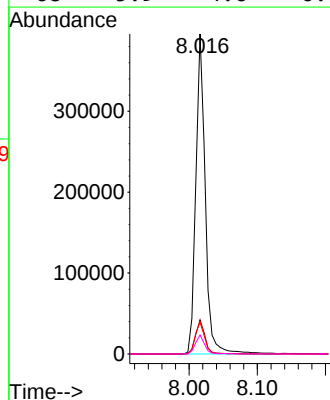
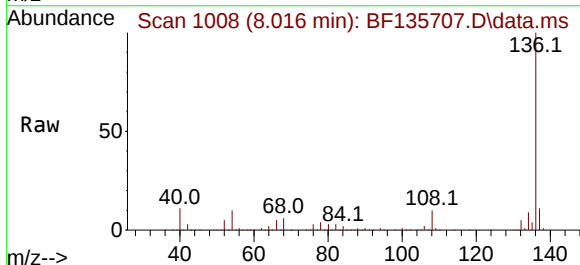
Delta R.T. -0.006 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Tgt Ion: 136 Resp: 380708

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.9	7.7	11.5
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 100.412 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB156142TB

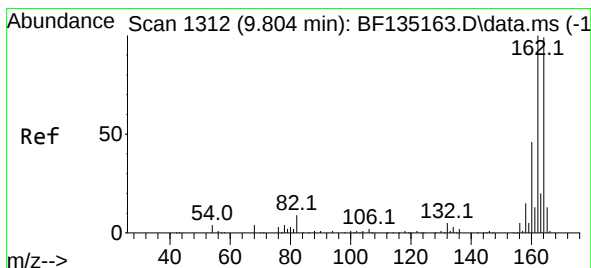
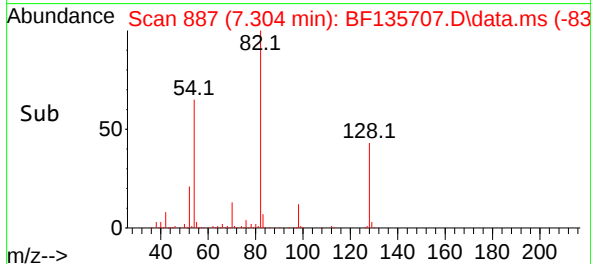
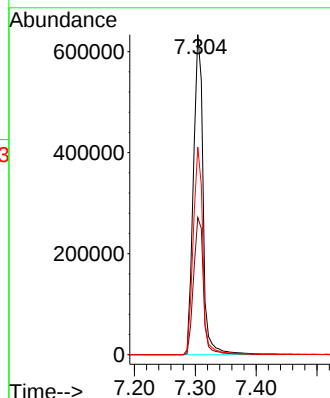
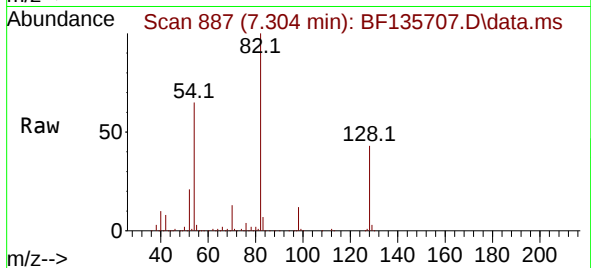
Tgt Ion: 82 Resp: 703628

Ion Ratio Lower Upper

82 100

128 42.9 35.8 53.6

54 64.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

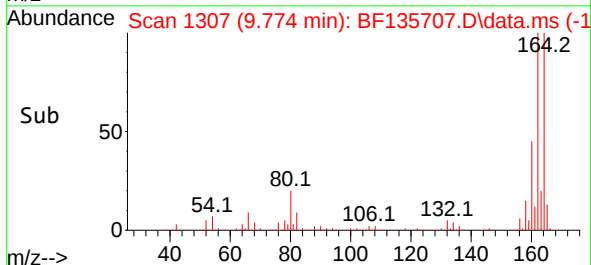
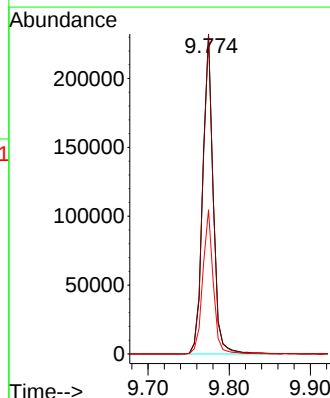
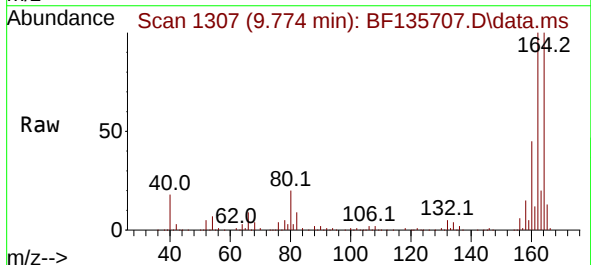
Tgt Ion:164 Resp: 207303

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 144.177 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135707.D

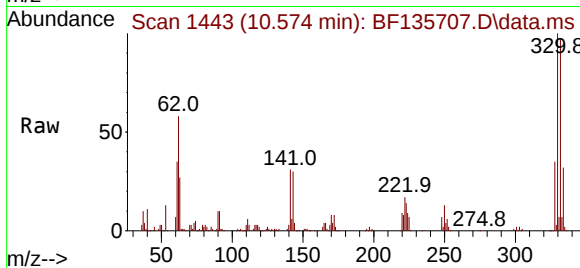
Acq: 11 Oct 2023 12:03

Instrument :

BNA_F

ClientSampleId :

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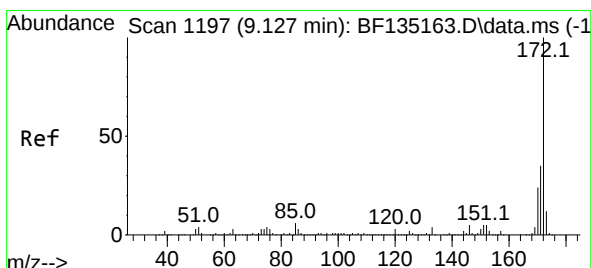
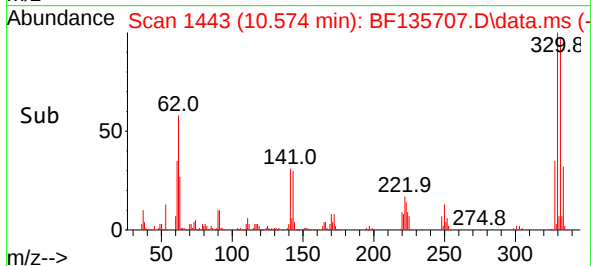
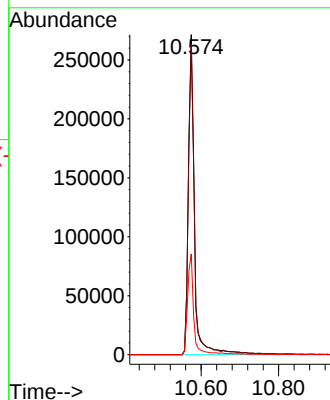
Tgt Ion:330 Resp: 297017

Ion Ratio Lower Upper

330 100

332 92.4 77.3 115.9

141 31.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 92.692 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

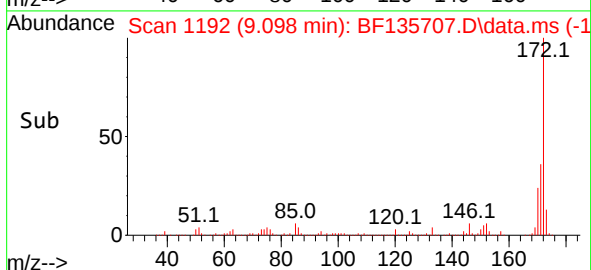
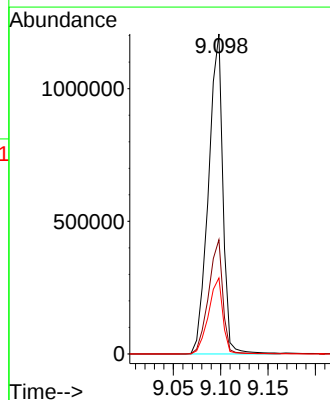
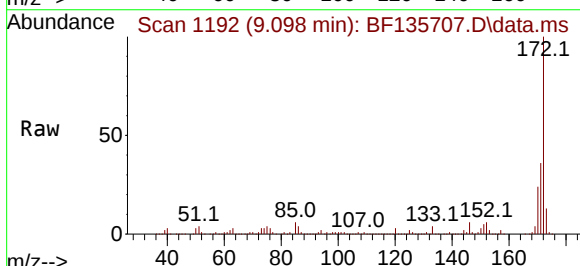
Tgt Ion:172 Resp: 1273613

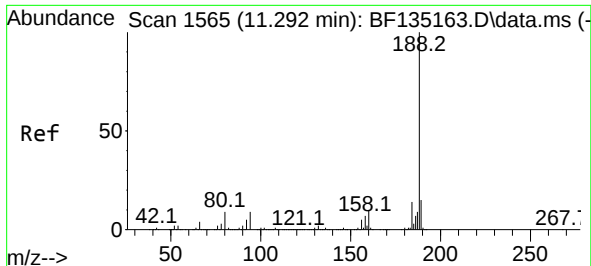
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.0 28.4

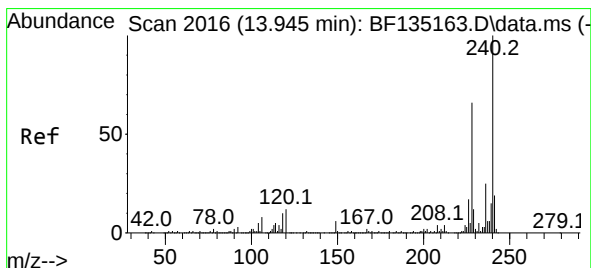
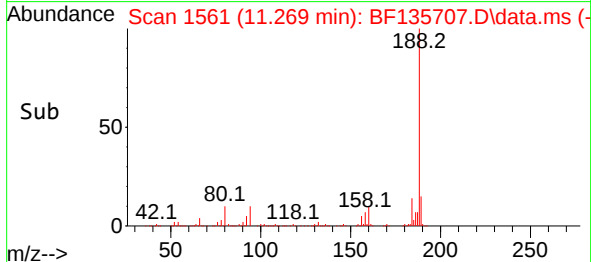
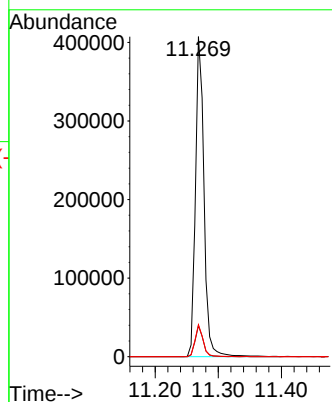
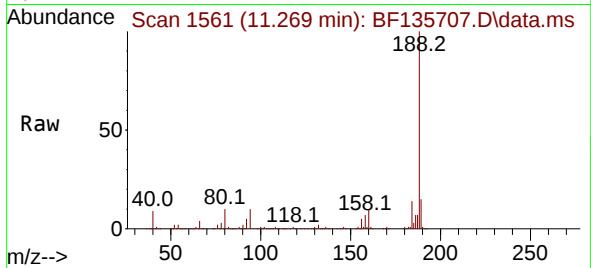




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

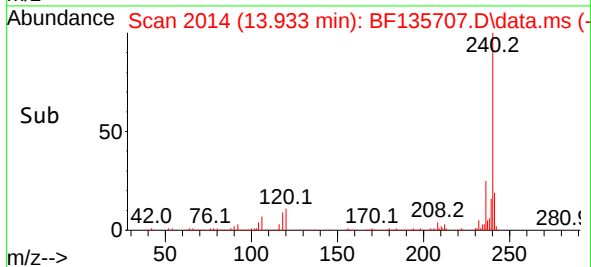
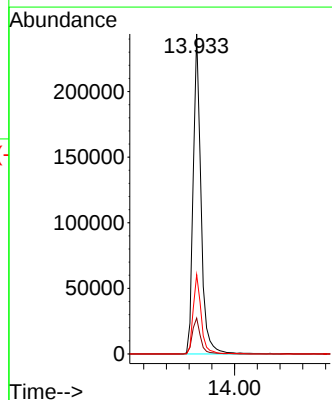
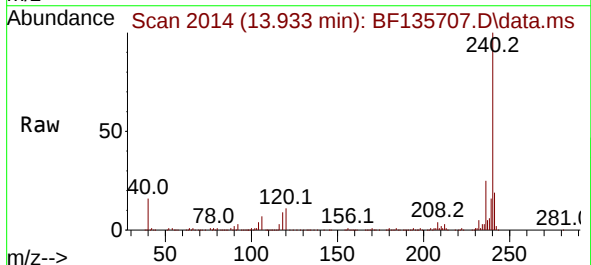
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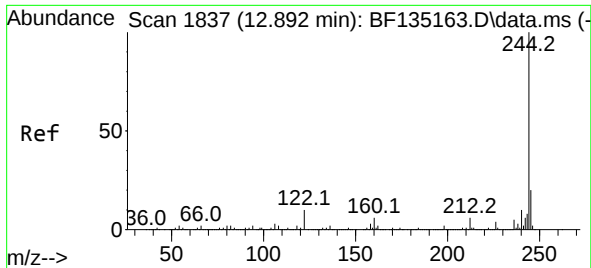
Tgt Ion:188 Resp: 381039
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

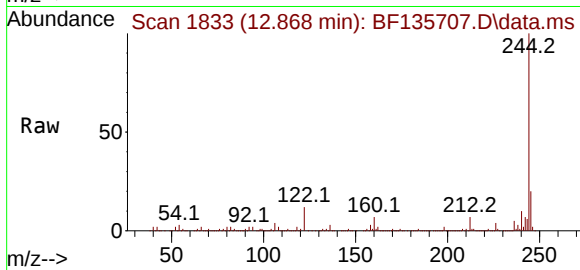
Tgt Ion:240 Resp: 233240
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 24.8 19.8 29.8



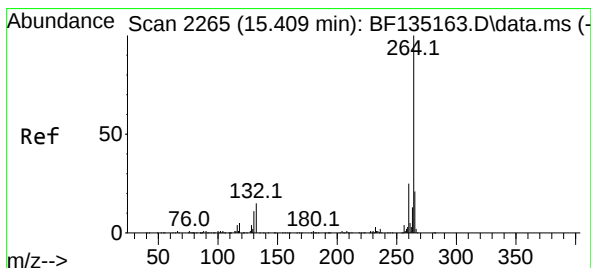
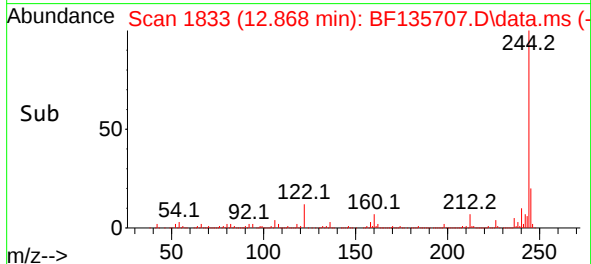
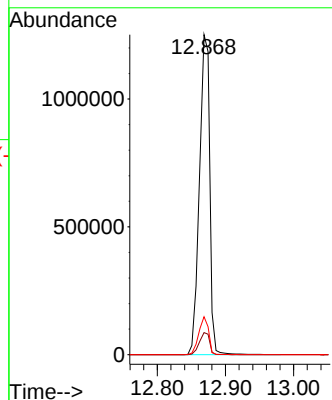


#79
 Terphenyl-d14
 Concen: 87.301 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135707.D
 Acq: 11 Oct 2023 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB



Tgt Ion:244 Resp: 1313527
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135707.D
 Acq: 11 Oct 2023 12:03

Tgt Ion:264 Resp: 197027
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 22.3 17.0 25.4

