

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135783.D
 Acq On : 16 Oct 2023 18:45
 Operator : CG\JU
 Sample : 04656-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Quant Time: Oct 17 01:57:04 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)

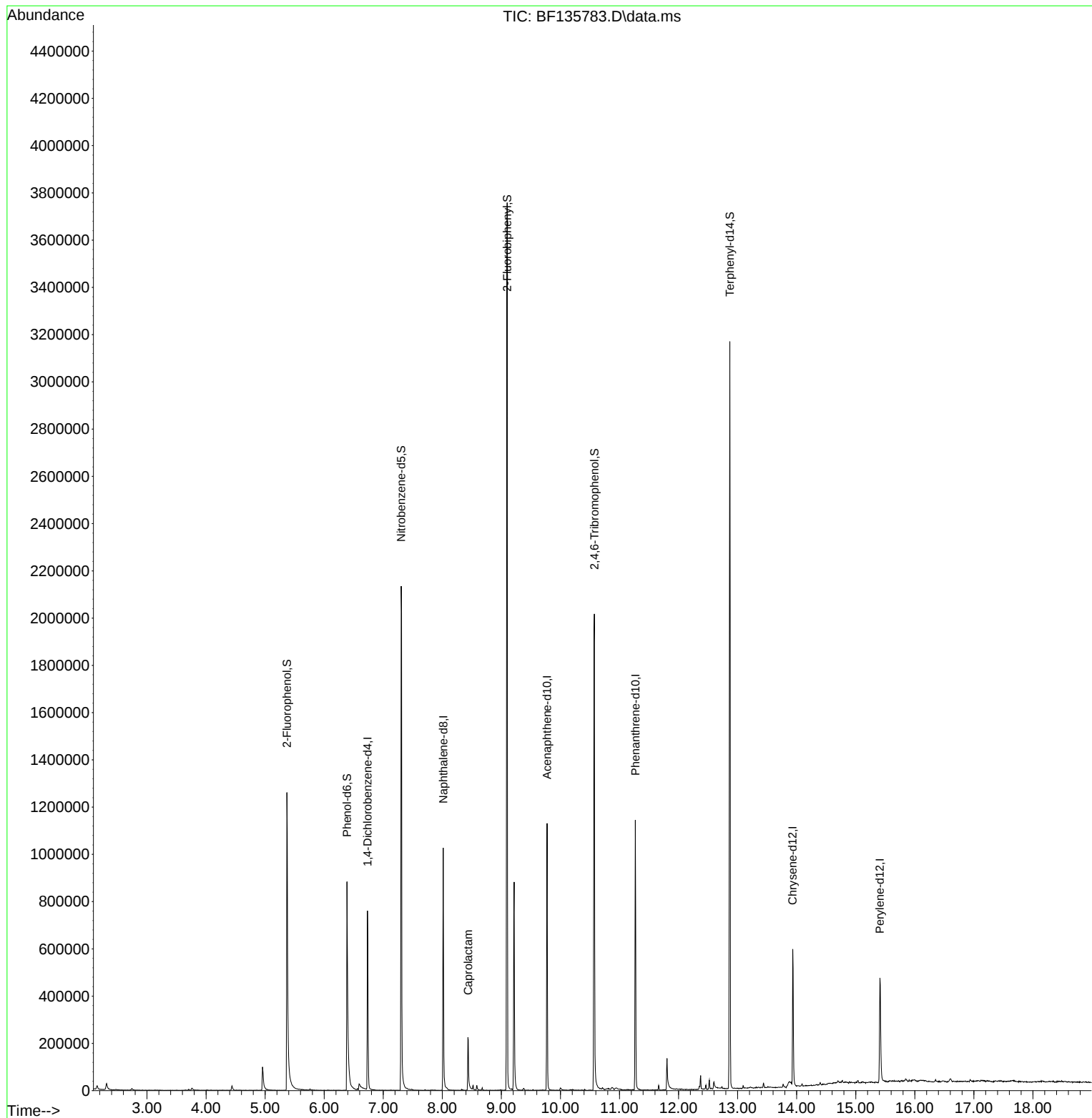
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	111766	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	421970	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	212528	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	417623	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	211611	20.000	ng	#-0.02
86) Perylene-d12	15.409	264	236000	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	455102	65.466	ng	0.00
7) Phenol-d6	6.387	99	376221	43.374	ng	-0.01
23) Nitrobenzene-d5	7.304	82	686500	89.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	260241	127.608	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1169220	86.016	ng	0.00
79) Terphenyl-d14	12.868	244	1136660	99.475	ng	-0.01
Target Compounds						
35) Caprolactam	8.439	113	22802	11.506	ng	Qvalue # 81

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

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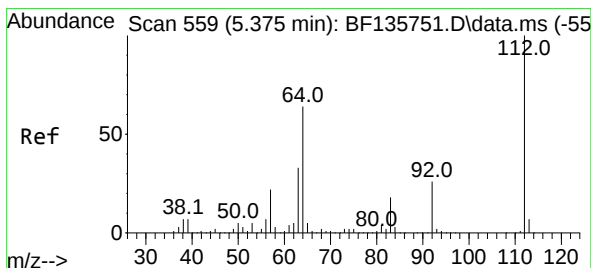
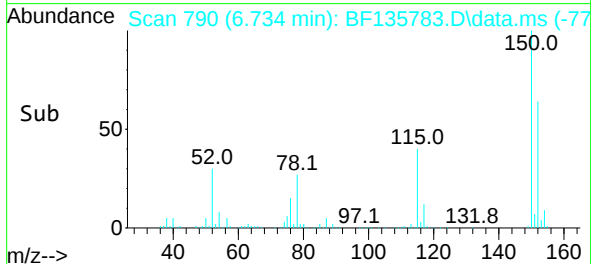
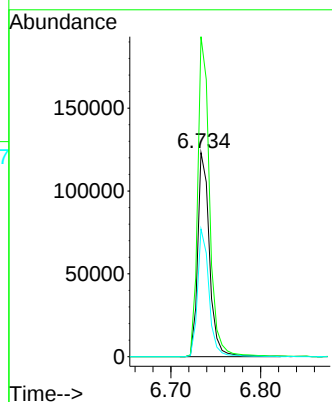
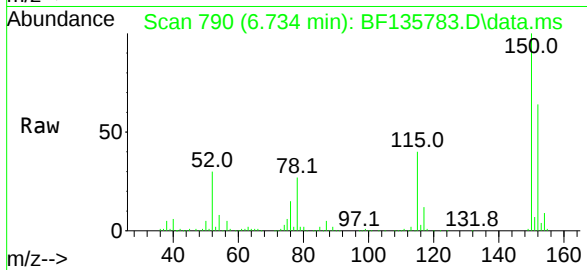




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

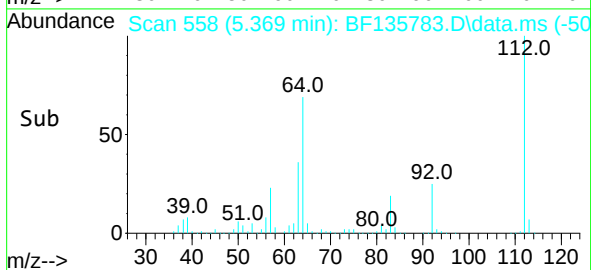
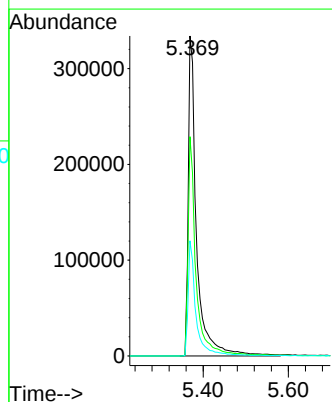
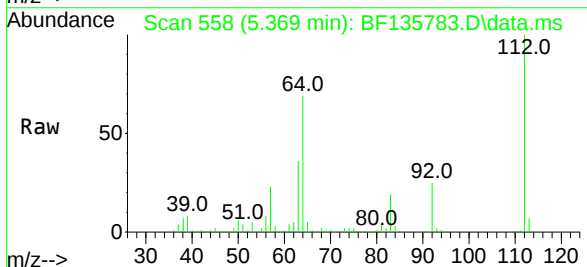
Instrument :
BNA_F
ClientSampleId :
MW-102S

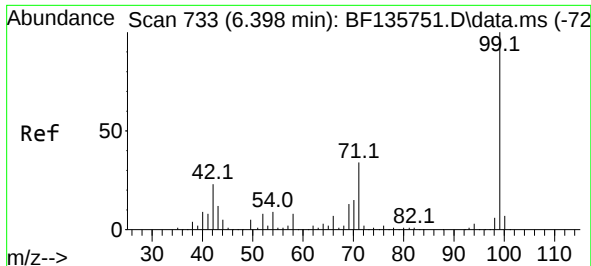
Tgt Ion:152 Resp: 111766
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 65.466 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

Tgt Ion:112 Resp: 455102
Ion Ratio Lower Upper
112 100
64 68.5 51.2 76.8
63 36.0 26.1 39.1

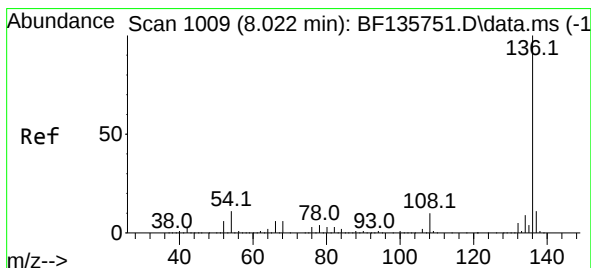
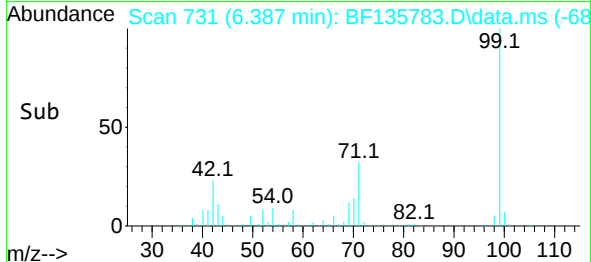
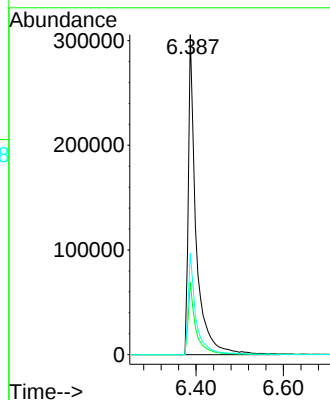
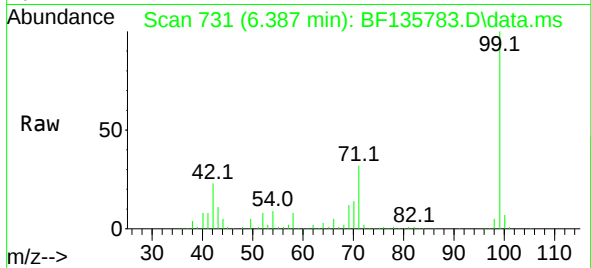




#7
Phenol-d6
Concen: 43.374 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

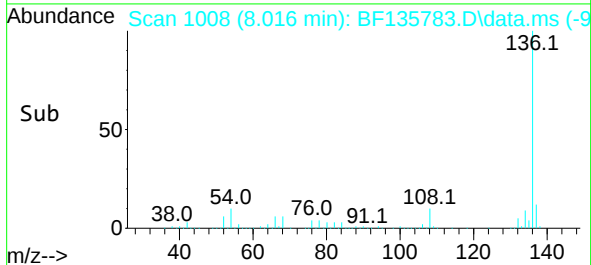
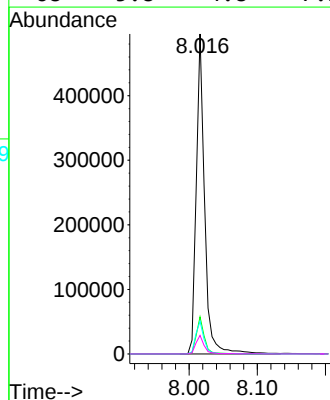
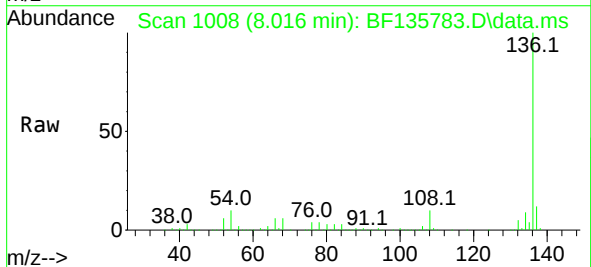
Instrument :
BNA_F
ClientSampleId :
MW-102S

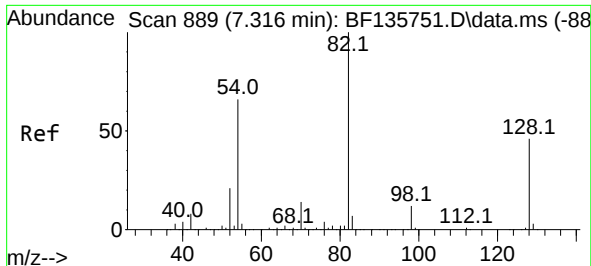
Tgt Ion: 99 Resp: 376221
Ion Ratio Lower Upper
99 100
42 22.6 18.4 27.6
71 31.8 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

Tgt Ion: 136 Resp: 421970
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.2 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.478 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135783.D

Acq: 16 Oct 2023 18:45

Instrument :

BNA_F

ClientSampleId :

MW-102S

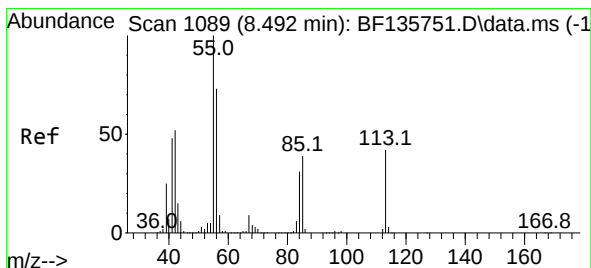
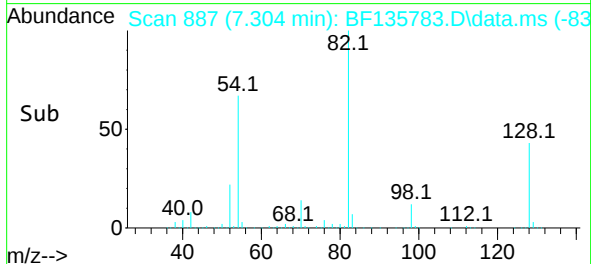
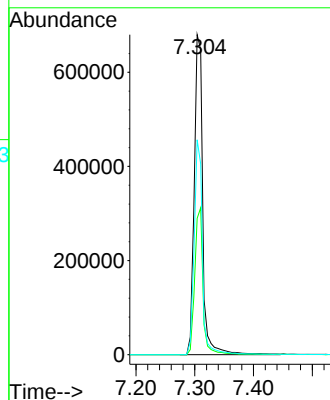
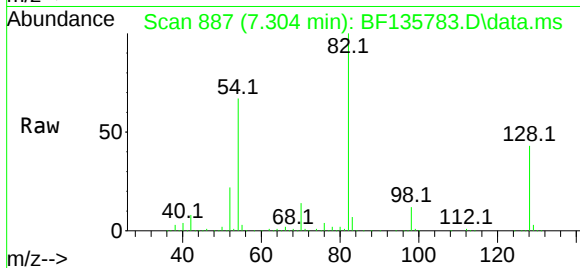
Tgt Ion: 82 Resp: 686500

Ion Ratio Lower Upper

82 100

128 42.6 37.0 55.6

54 67.1 52.8 79.2



#35

Caprolactam

Concen: 11.506 ng

RT: 8.439 min Scan# 1080

Delta R.T. -0.059 min

Lab File: BF135783.D

Acq: 16 Oct 2023 18:45

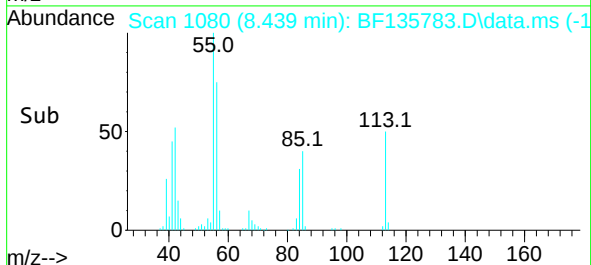
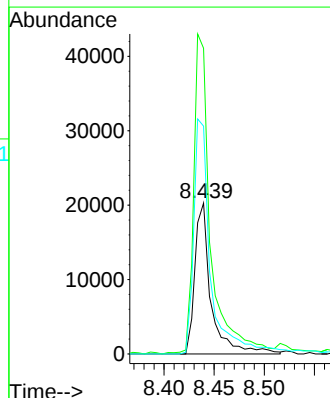
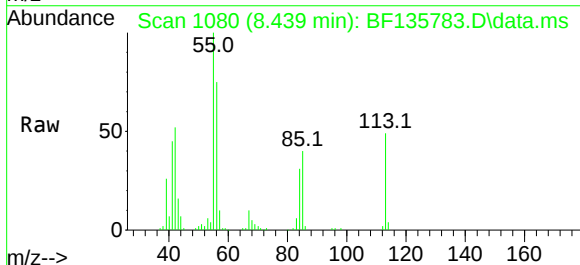
Tgt Ion: 113 Resp: 22802

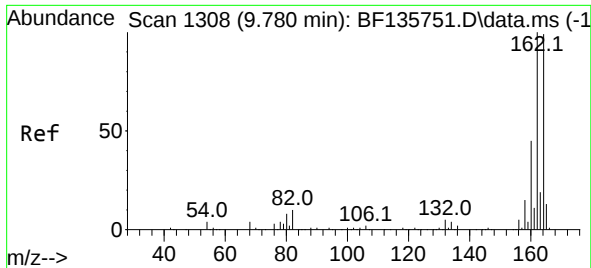
Ion Ratio Lower Upper

113 100

55 202.6 217.4 257.4#

56 150.9 153.1 193.1#

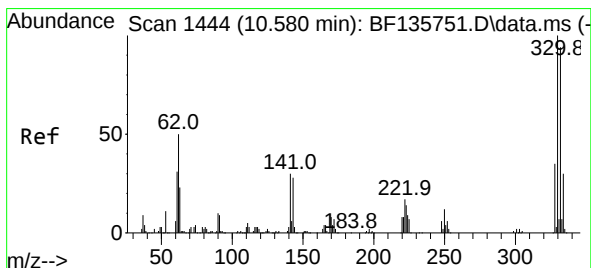
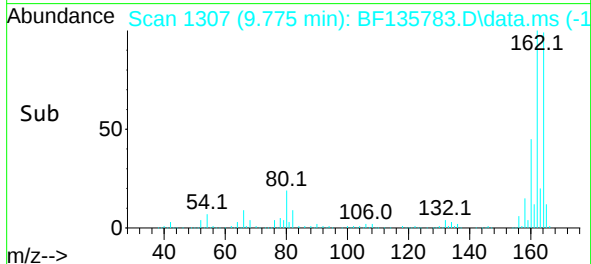
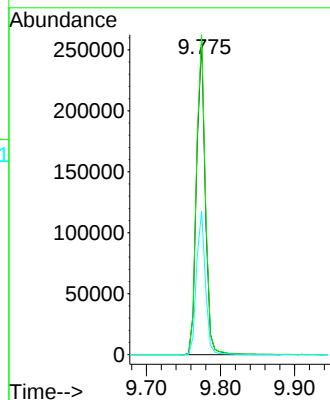
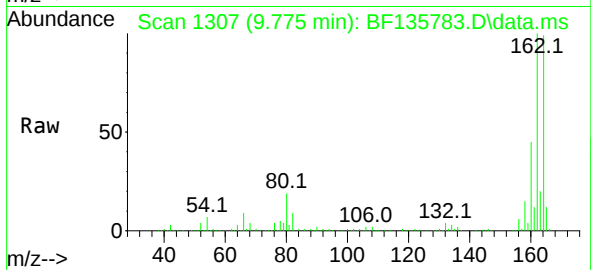




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

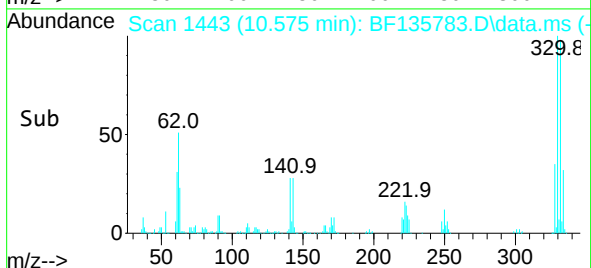
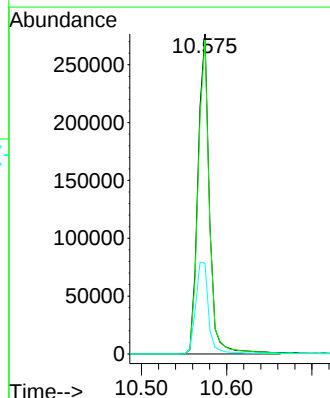
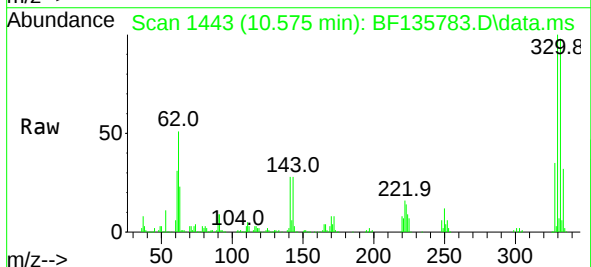
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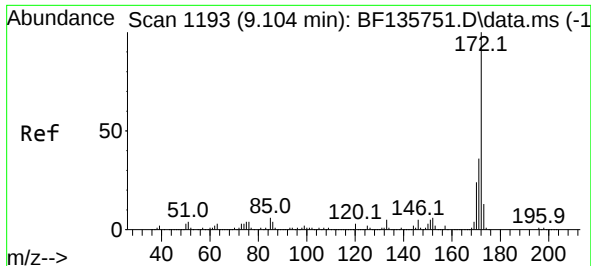
Tgt Ion:164 Resp: 212528
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 45.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 127.608 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

Tgt Ion:330 Resp: 260241
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 32.5 25.8 38.6

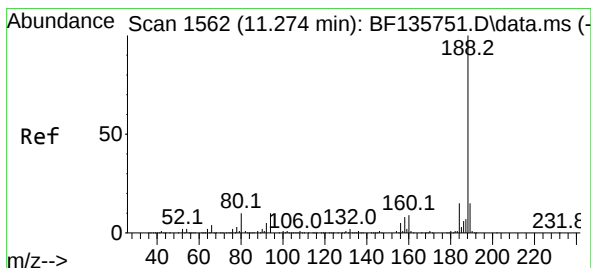
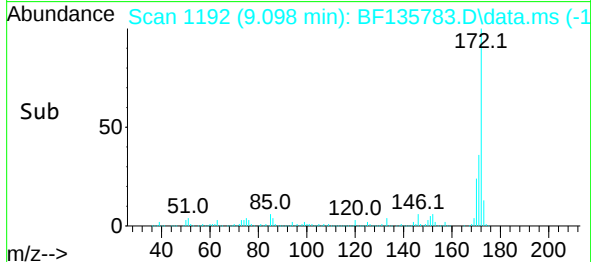
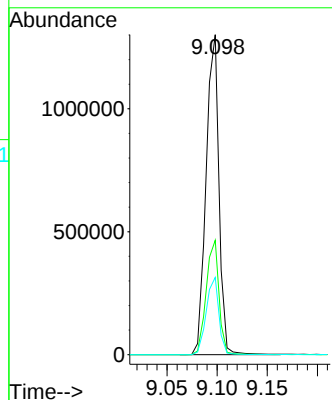
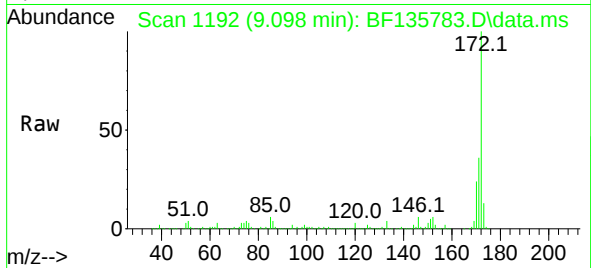




#45
2-Fluorobiphenyl
Concen: 86.016 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

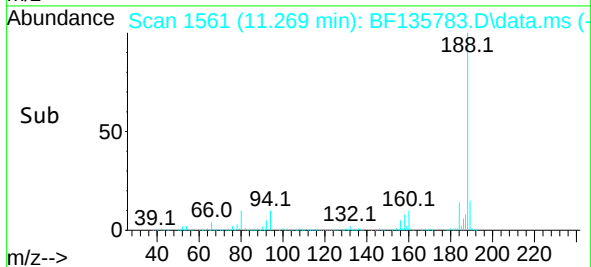
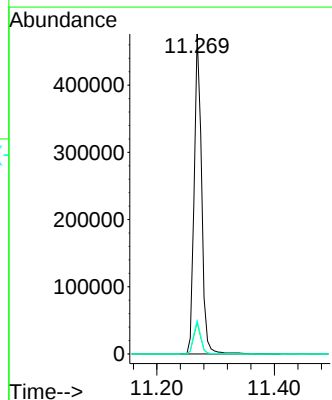
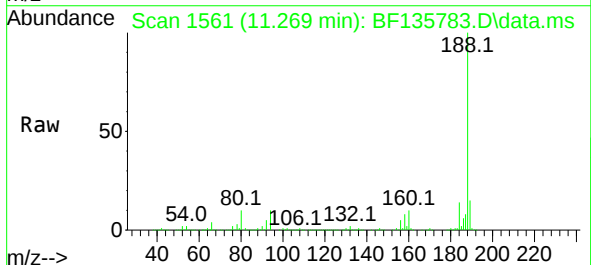
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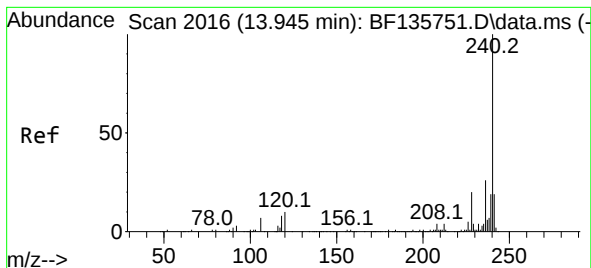
Tgt Ion:172 Resp: 1169220
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135783.D
Acq: 16 Oct 2023 18:45

Tgt Ion:188 Resp: 417623
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.4 8.3 12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF135783.D

Acq: 16 Oct 2023 18:45

Instrument :

BNA_F

ClientSampleId :

MW-102S

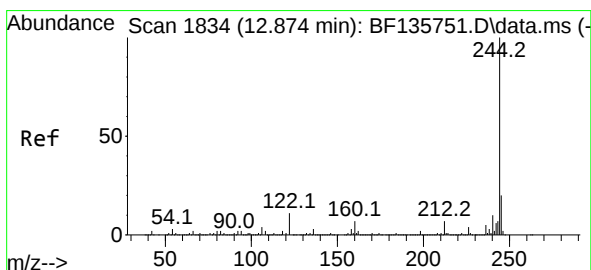
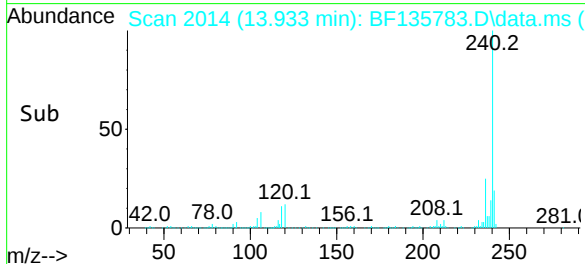
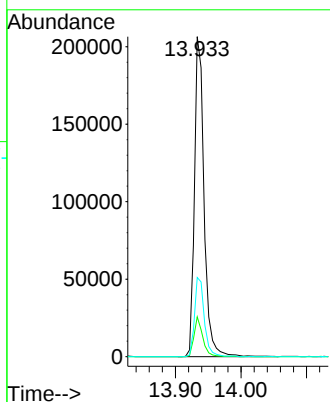
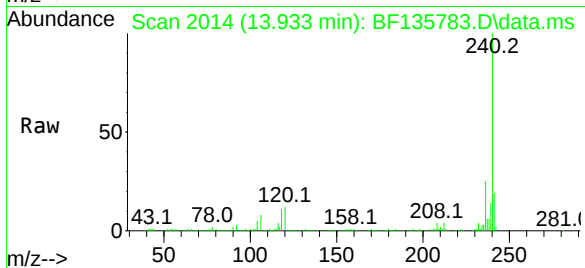
Tgt Ion:240 Resp: 211611

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.2#

236 24.8 21.2 31.8



#79

Terphenyl-d14

Concen: 99.475 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135783.D

Acq: 16 Oct 2023 18:45

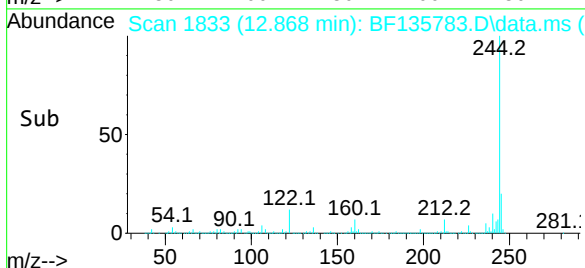
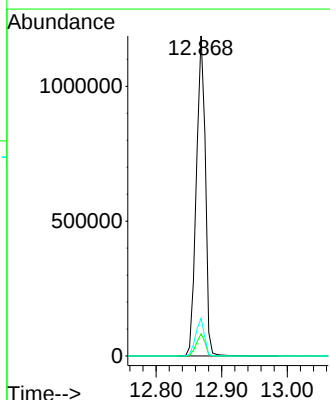
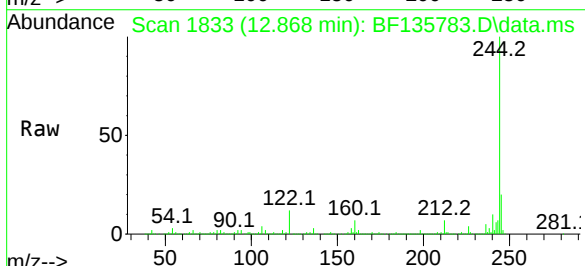
Tgt Ion:244 Resp: 1136660

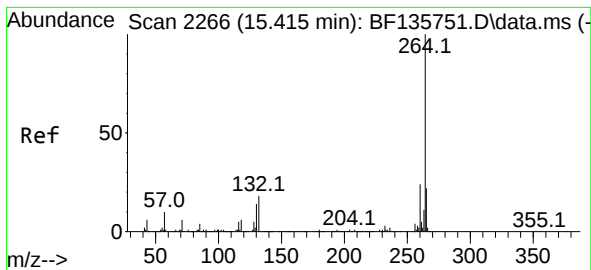
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.8 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF135783.D

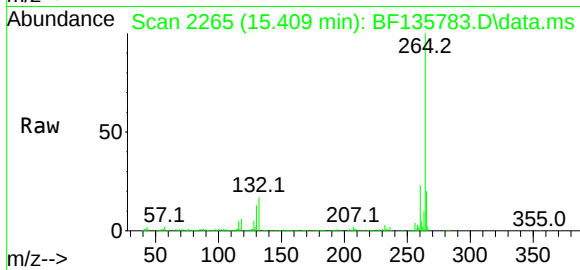
Acq: 16 Oct 2023 18:45

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 236000

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.1 17.4 26.2

