

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135858.D
 Acq On : 18 Oct 2023 20:54
 Operator : CG\JU
 Sample : 04895-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-3

Quant Time: Oct 19 02:08:40 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	6.740	152	85165	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321531	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	160677	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	313272	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	181078	20.000	ng	-0.01
86) Perylene-d12	15.415	264	163038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	491570	92.799	ng	0.00
7) Phenol-d6	6.393	99	692280	104.742	ng	0.00
23) Nitrobenzene-d5	7.304	82	416189	71.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	169762	110.105	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	745025	72.497	ng	0.00
79) Terphenyl-d14	12.869	244	729725	74.630	ng	-0.01

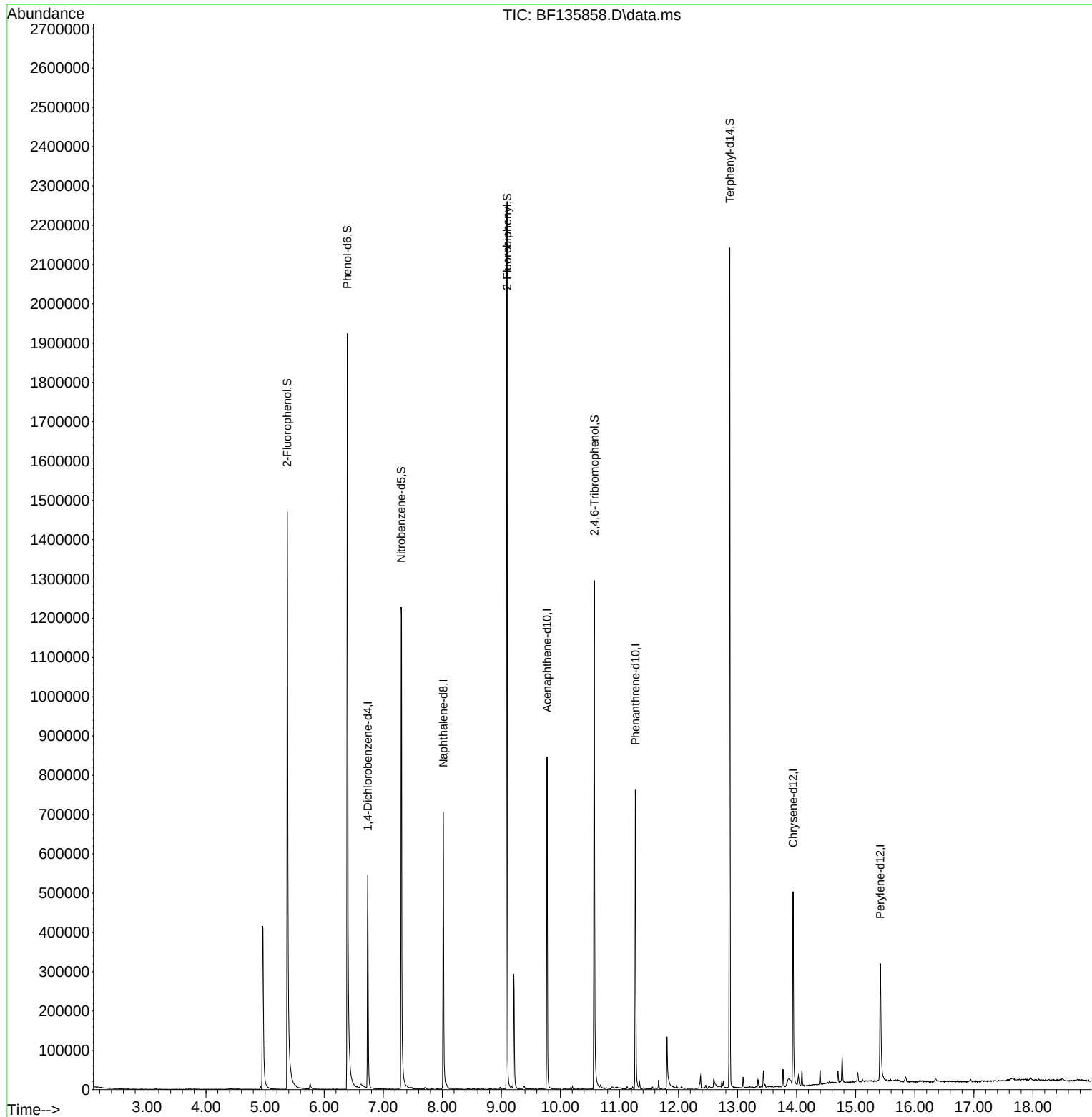
Target Compounds	Qvalue

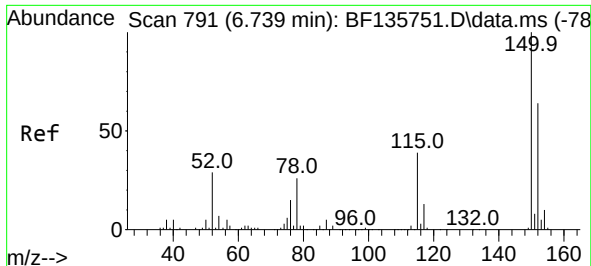
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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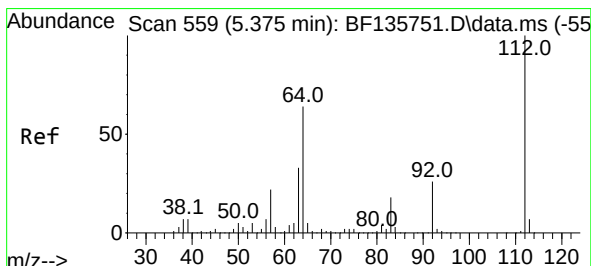
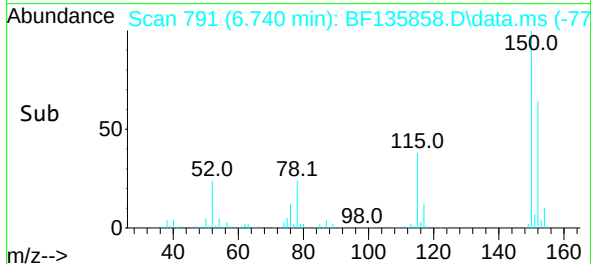
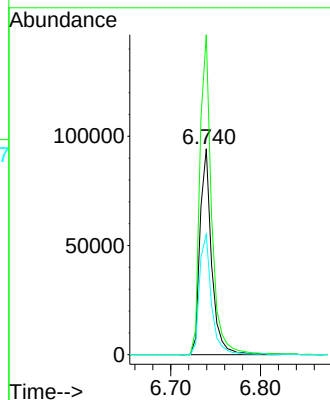
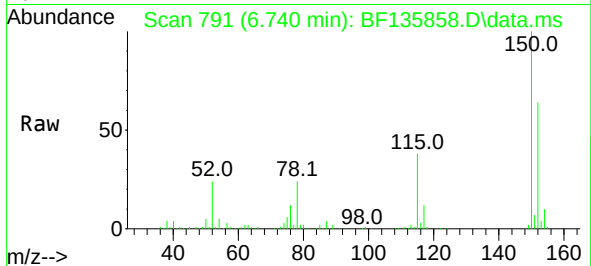




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

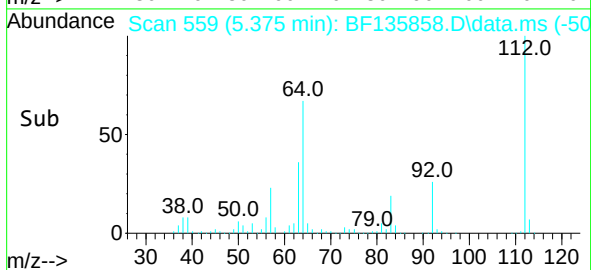
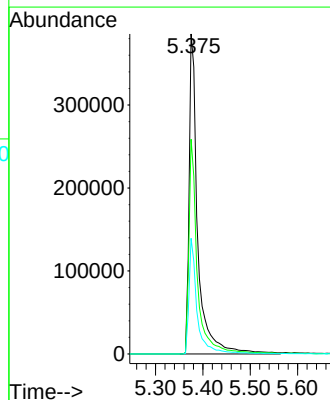
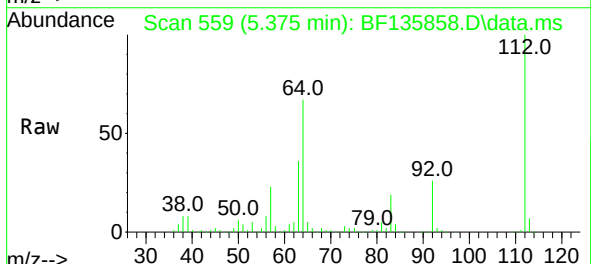
Instrument :
BNA_F
ClientSampleId :
A-3

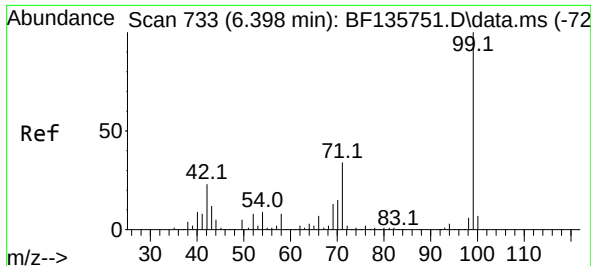
Tgt Ion:152 Resp: 85165
Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 92.799 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

Tgt Ion:112 Resp: 491570
Ion Ratio Lower Upper
112 100
64 67.1 51.2 76.8
63 36.1 26.1 39.1

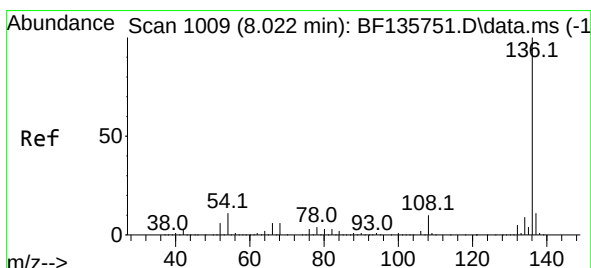
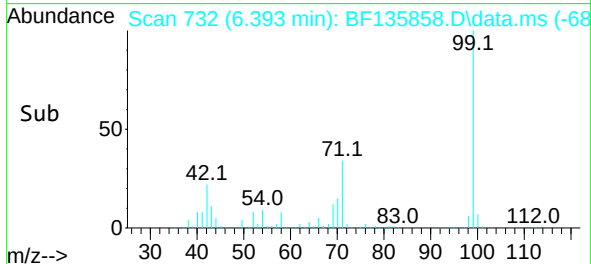
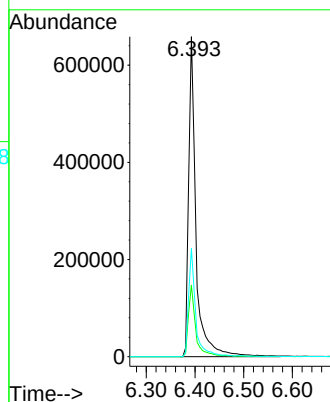
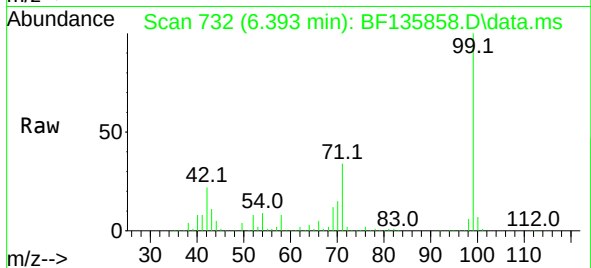




#7
Phenol-d6
Concen: 104.742 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

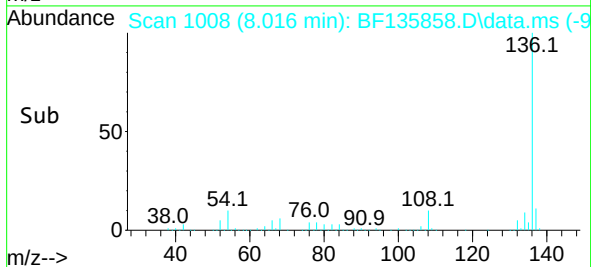
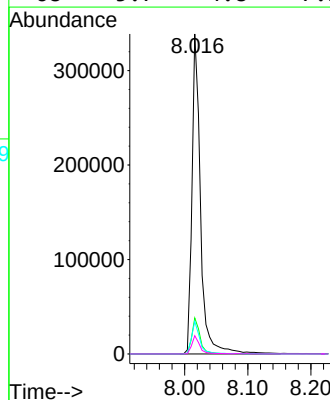
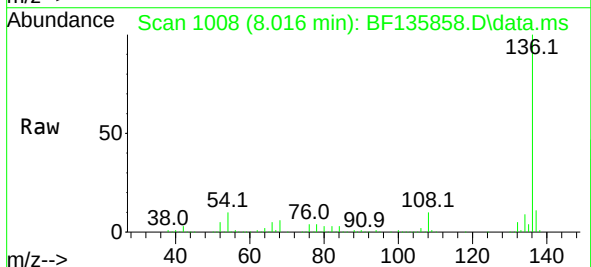
Instrument :
BNA_F
ClientSampleId :
A-3

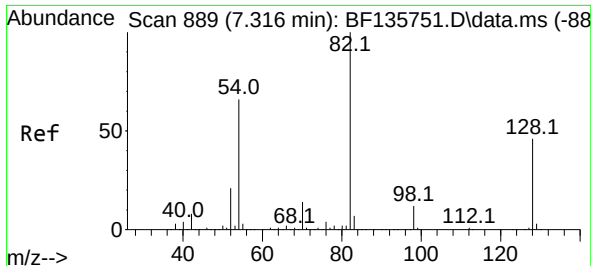
Tgt Ion: 99 Resp: 692280
Ion Ratio Lower Upper
99 100
42 22.4 18.4 27.6
71 33.8 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

Tgt Ion: 136 Resp: 321531
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.1 8.5 12.7
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 71.191 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135858.D

Acq: 18 Oct 2023 20:54

Instrument :

BNA_F

ClientSampleId :

A-3

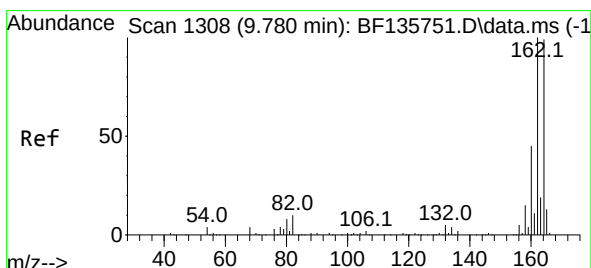
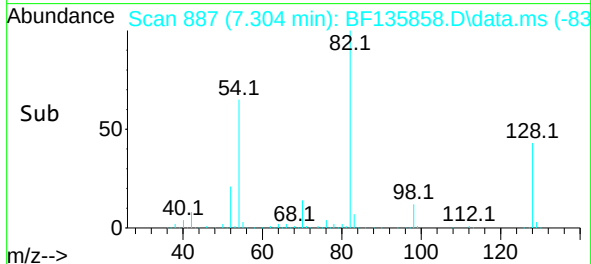
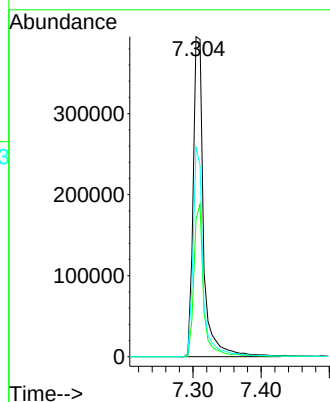
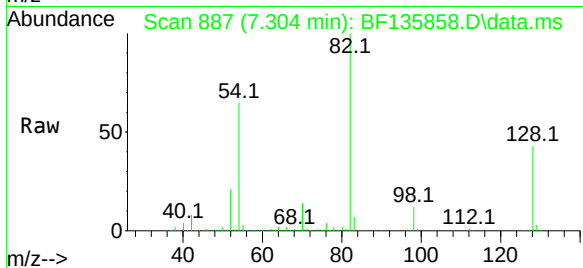
Tgt Ion: 82 Resp: 416189

Ion Ratio Lower Upper

82 100

128 42.9 37.0 55.6

54 65.5 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135858.D

Acq: 18 Oct 2023 20:54

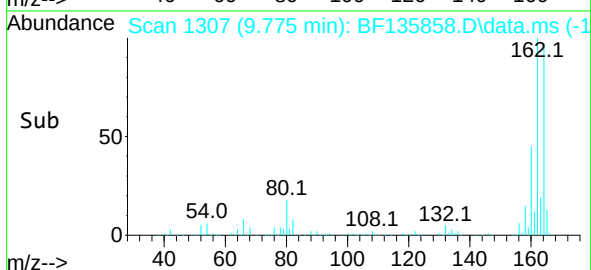
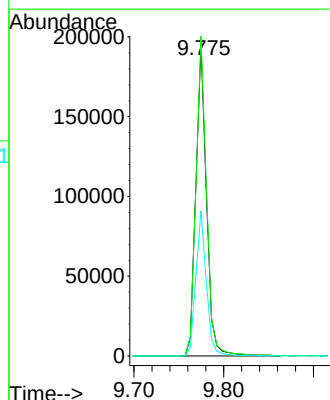
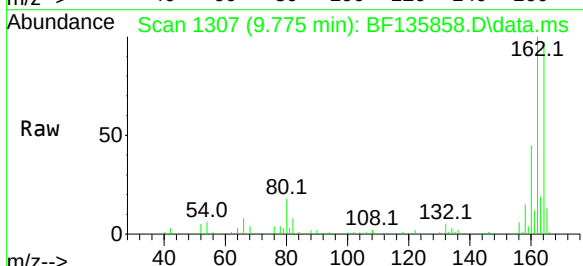
Tgt Ion:164 Resp: 160677

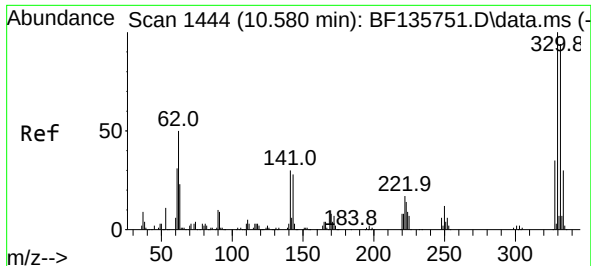
Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 110.105 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135858.D

Acq: 18 Oct 2023 20:54

Instrument :

BNA_F

ClientSampleId :

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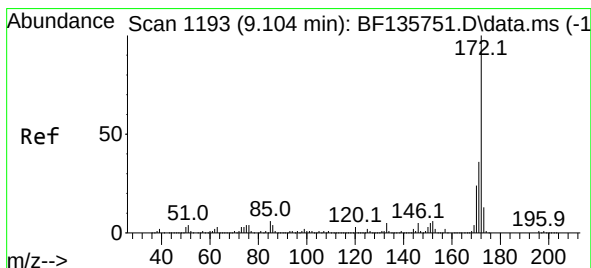
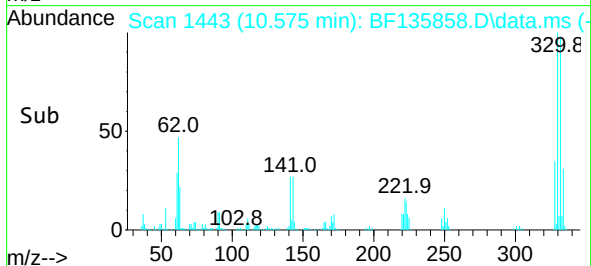
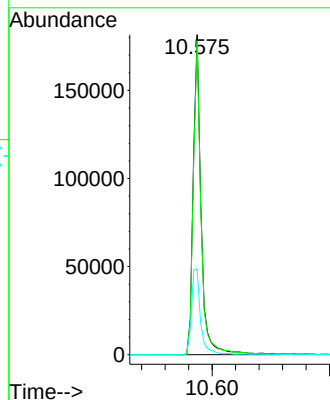
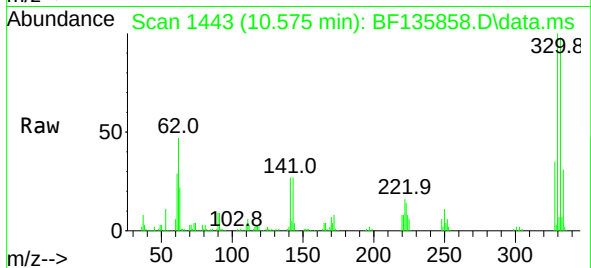
Tgt Ion:330 Resp: 169762

Ion Ratio Lower Upper

330 100

332 96.9 75.0 112.4

141 30.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 72.497 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135858.D

Acq: 18 Oct 2023 20:54

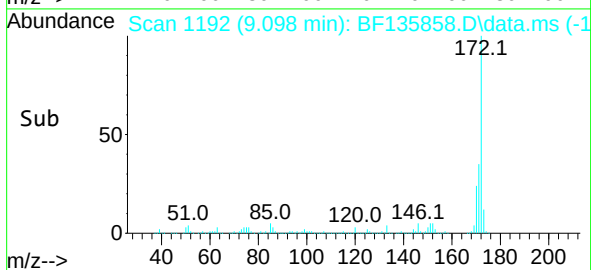
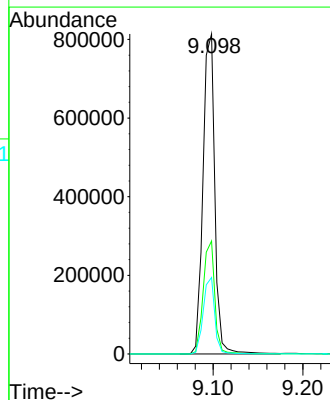
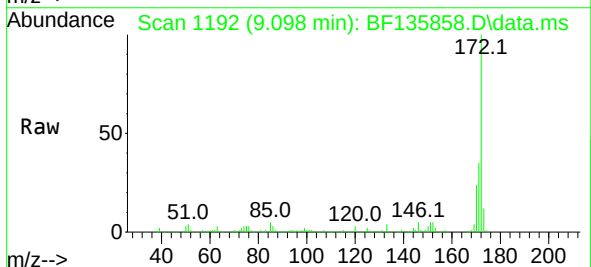
Tgt Ion:172 Resp: 745025

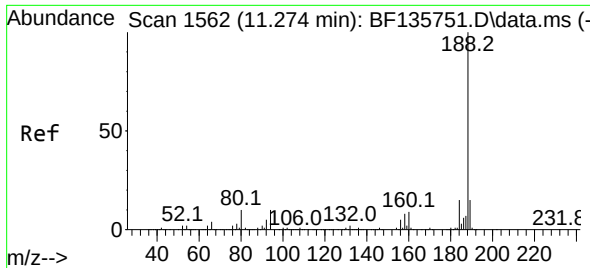
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.9 18.8 28.2

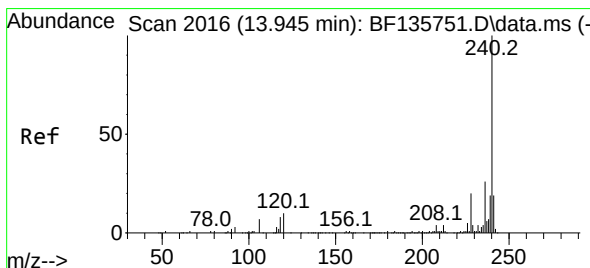
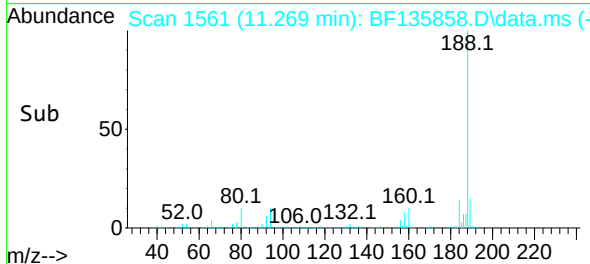
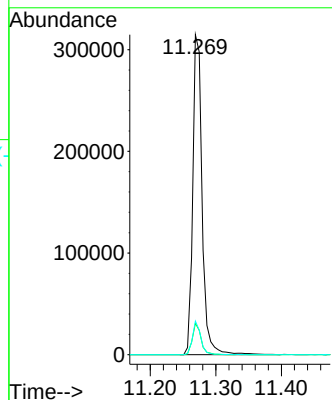
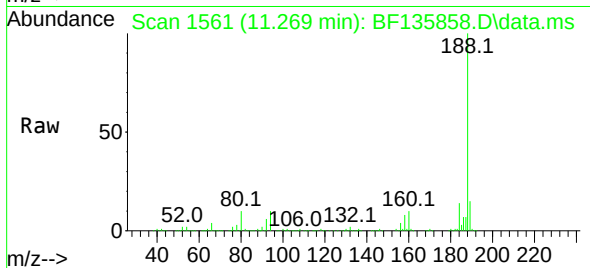




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

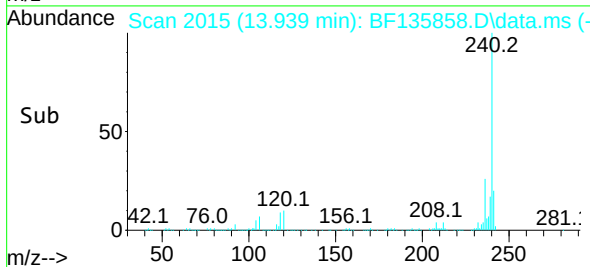
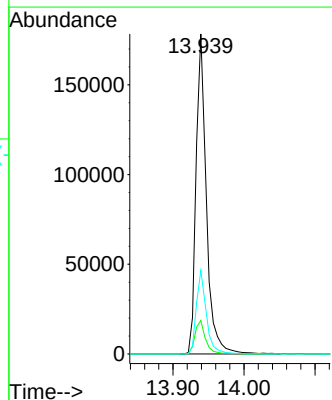
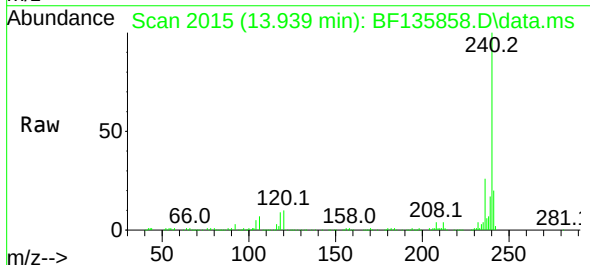
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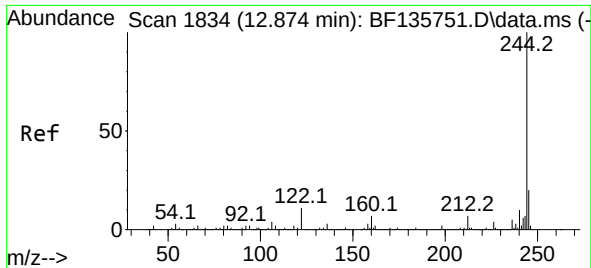
Tgt Ion:188 Resp: 313272
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135858.D
Acq: 18 Oct 2023 20:54

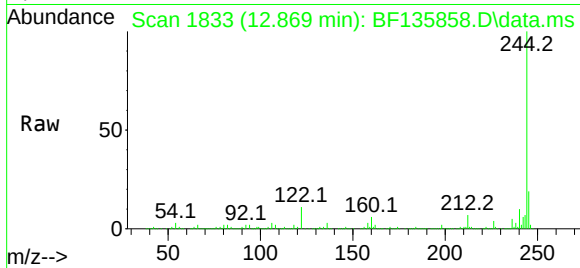
Tgt Ion:240 Resp: 181078
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 26.1 21.2 31.8



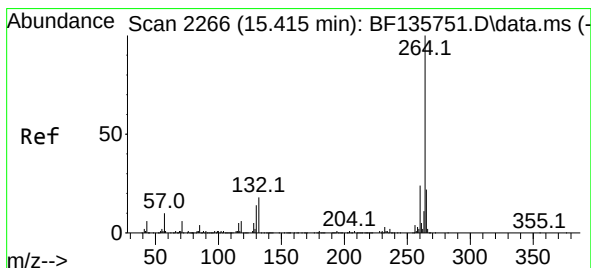
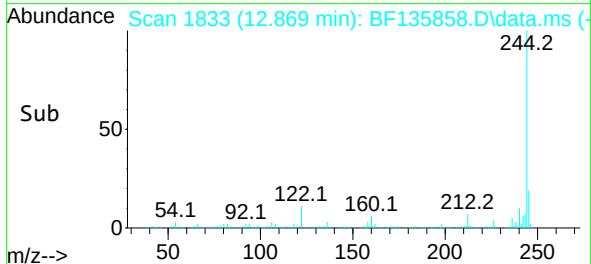
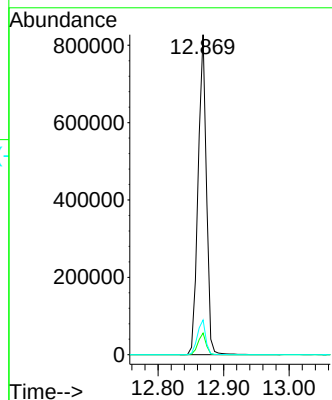


#79
 Terphenyl-d14
 Concen: 74.630 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135858.D
 Acq: 18 Oct 2023 20:54

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 729725
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135858.D
 Acq: 18 Oct 2023 20:54

Tgt Ion:264 Resp: 163038
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.0 17.4 26.2

