

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135843.D
 Acq On : 18 Oct 2023 13:02
 Operator : CG\JU
 Sample : 04858-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 18 13:42:47 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)

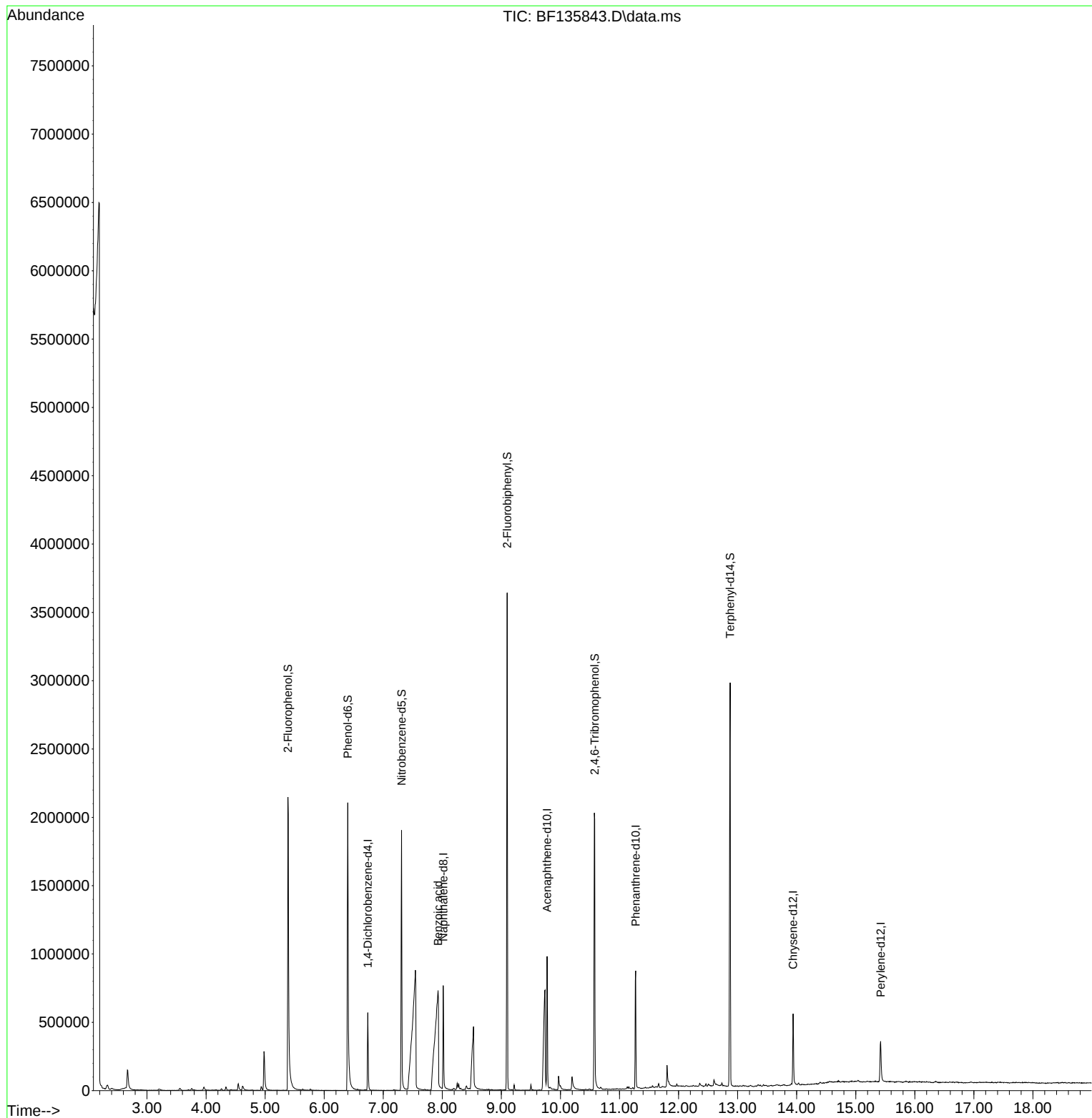
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	80629	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321935	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179148	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	334865	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	179241	20.000	ng	-0.01
86) Perylene-d12	15.421	264	166998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	722661	144.099	ng	0.01
7) Phenol-d6	6.398	99	762122	121.796	ng	0.00
23) Nitrobenzene-d5	7.310	82	562777	96.145	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	279548	162.616	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1054191	92.004	ng	0.00
79) Terphenyl-d14	12.874	244	1117434	115.453	ng	0.00
Target Compounds						
32) Benzoic acid	7.928	122	579857	181.505	ng	Qvalue 97

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

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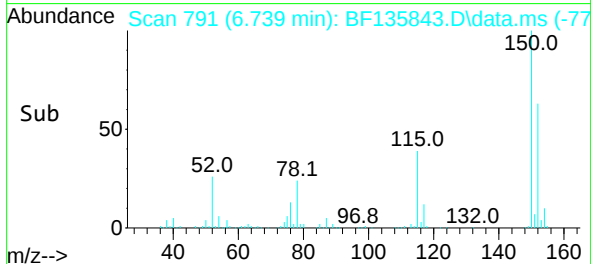
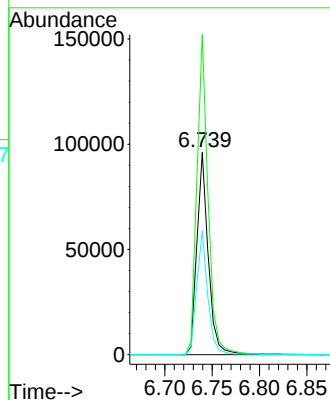
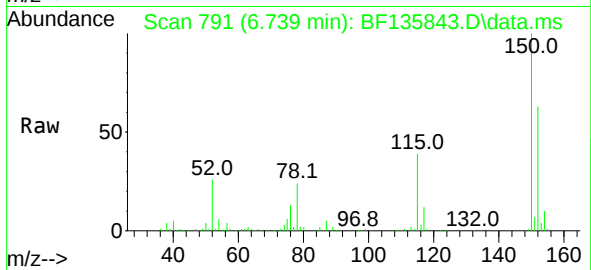




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

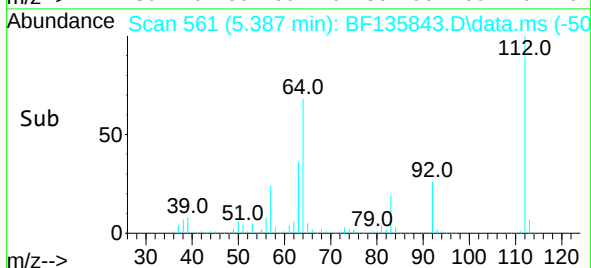
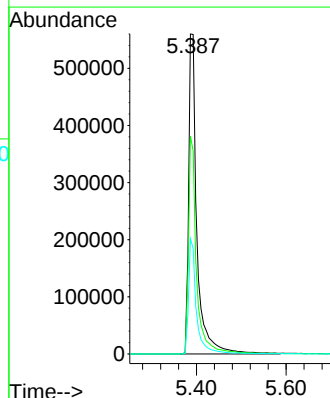
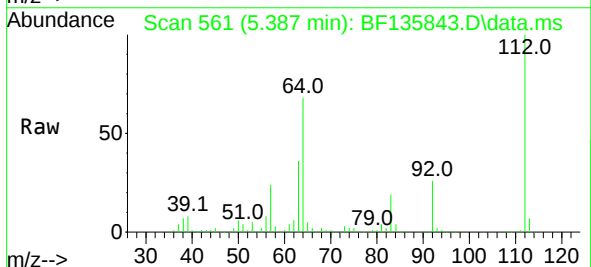
Instrument :
BNA_F
ClientSampleId :
WC-2

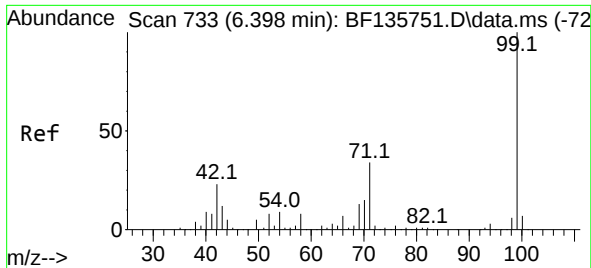
Tgt Ion:152 Resp: 80629
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 144.099 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion:112 Resp: 722661
Ion Ratio Lower Upper
112 100
64 68.1 51.2 76.8
63 36.0 26.1 39.1

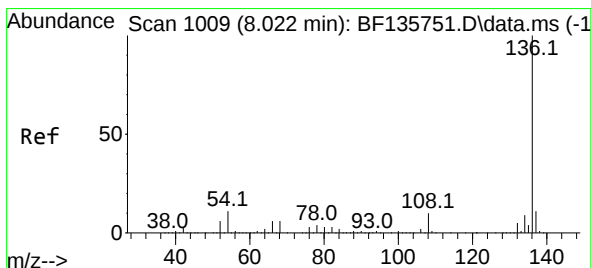
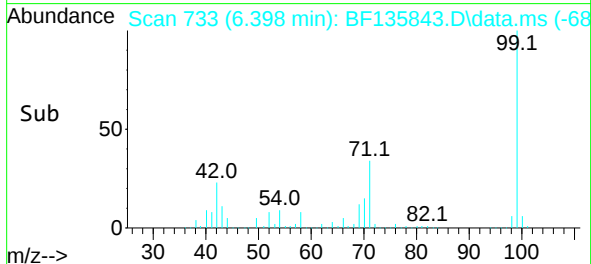
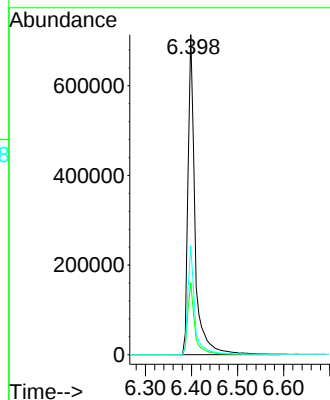
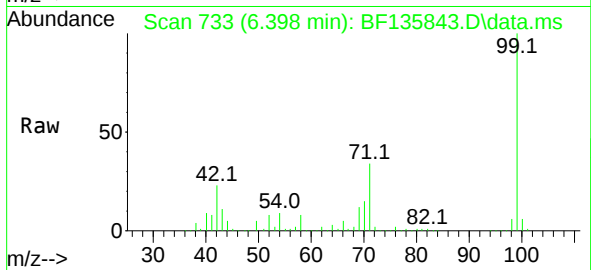




#7
Phenol-d6
Concen: 121.796 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

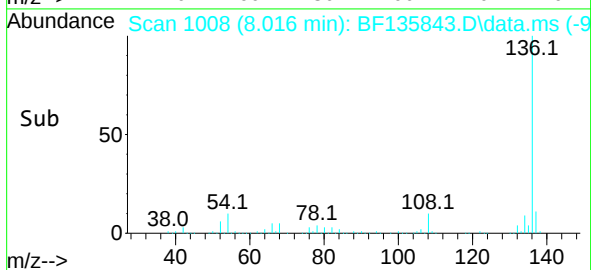
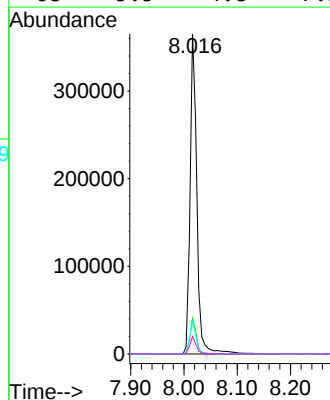
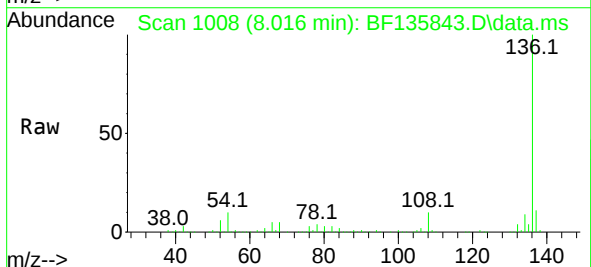
Instrument :
BNA_F
ClientSampleId :
WC-2

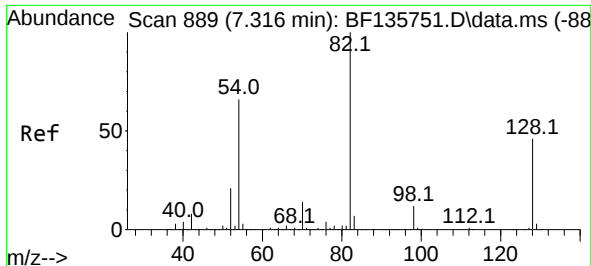
Tgt Ion: 99 Resp: 762122
Ion Ratio Lower Upper
99 100
42 22.6 18.4 27.6
71 34.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 136 Resp: 321935
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.2 8.5 12.7
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 96.145 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

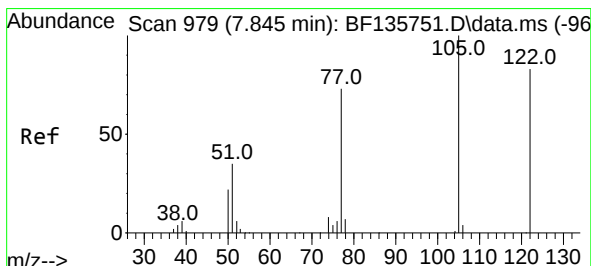
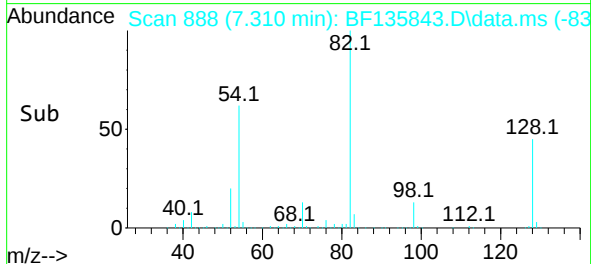
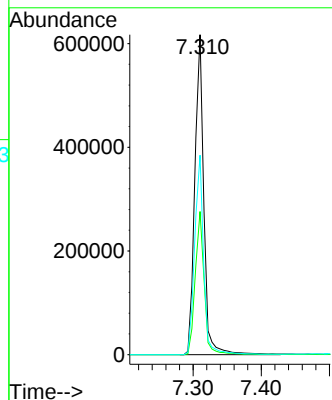
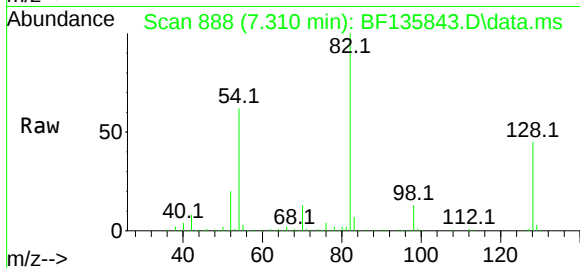
Tgt Ion: 82 Resp: 562777

Ion Ratio Lower Upper

82 100

128 44.7 37.0 55.6

54 62.3 52.8 79.2



#32

Benzoic acid

Concen: 181.505 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.076 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

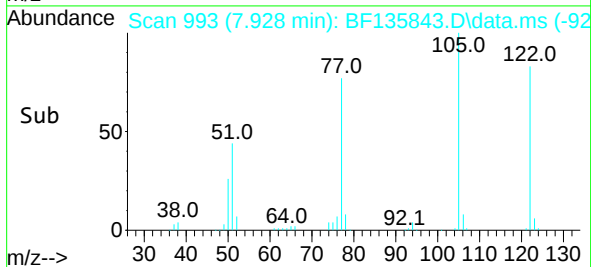
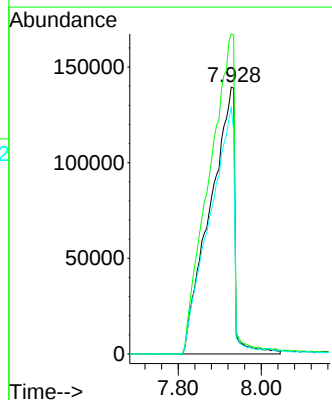
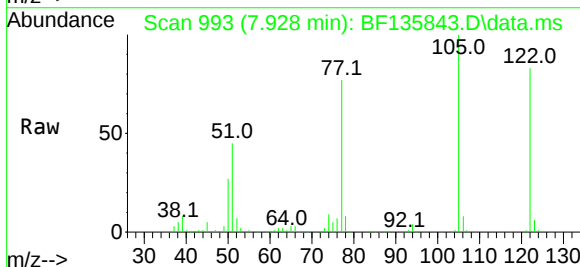
Tgt Ion:122 Resp: 579857

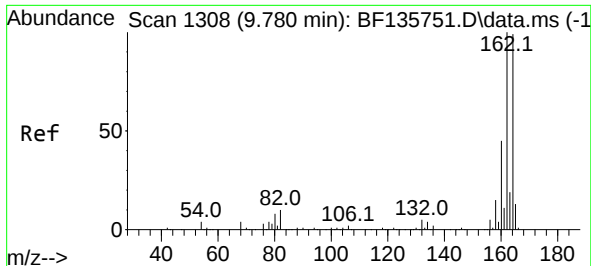
Ion Ratio Lower Upper

122 100

105 120.0 98.7 138.7

77 92.3 67.8 107.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

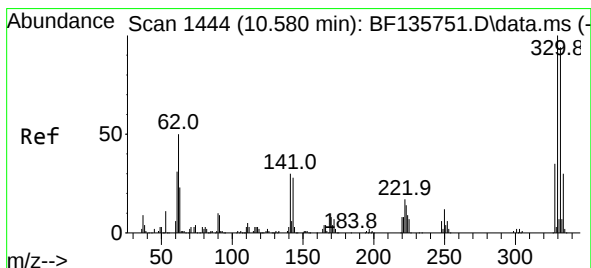
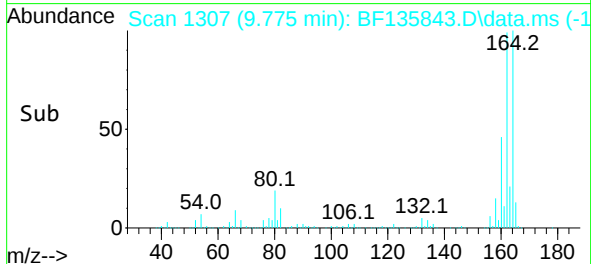
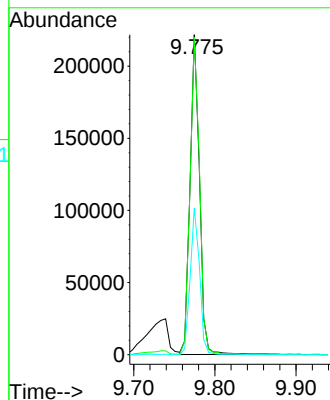
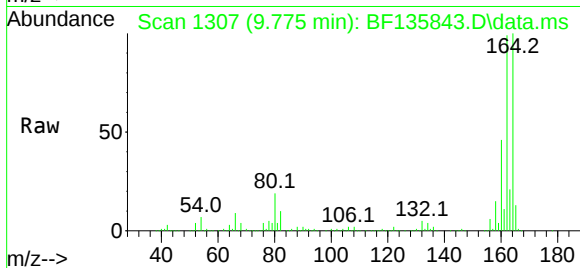
Tgt Ion:164 Resp: 179148

Ion Ratio Lower Upper

164 100

162 99.2 80.8 121.2

160 45.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 162.616 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

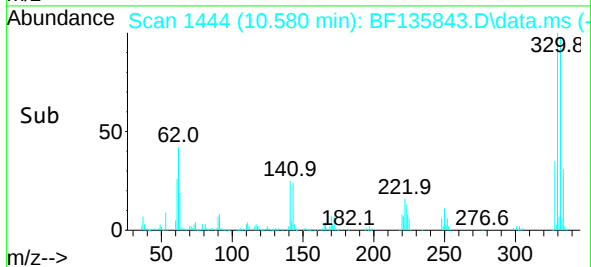
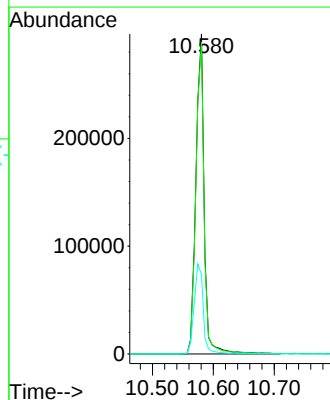
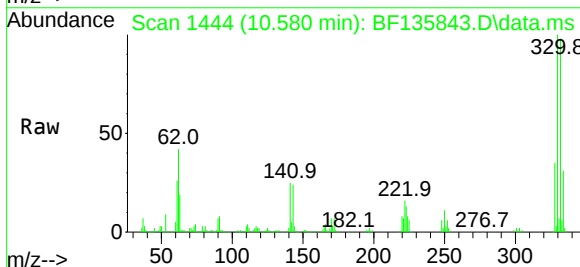
Tgt Ion:330 Resp: 279548

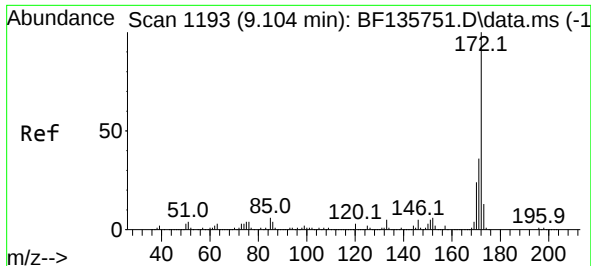
Ion Ratio Lower Upper

330 100

332 96.9 75.0 112.4

141 30.7 25.8 38.6

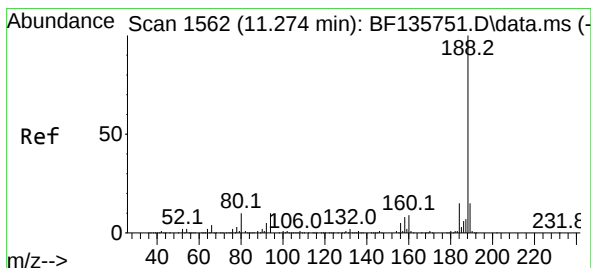
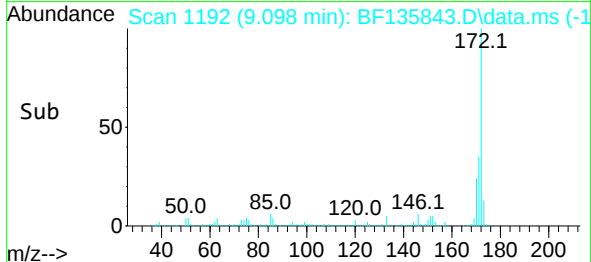
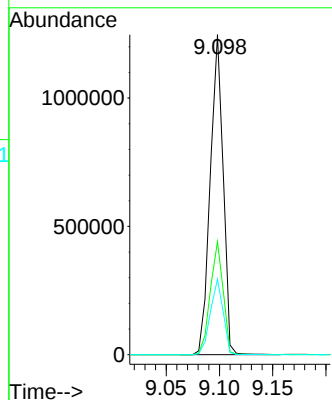
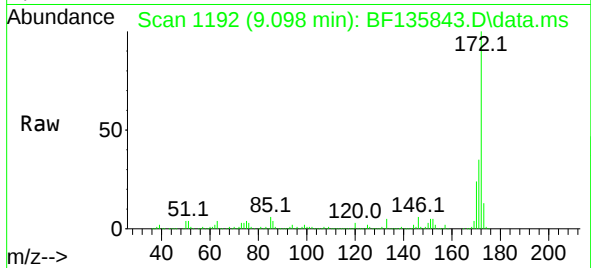




#45
2-Fluorobiphenyl
Concen: 92.004 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

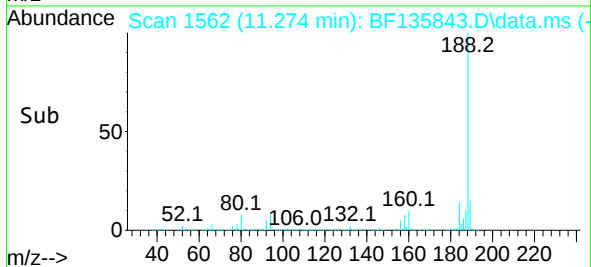
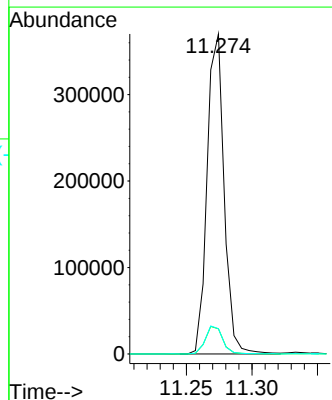
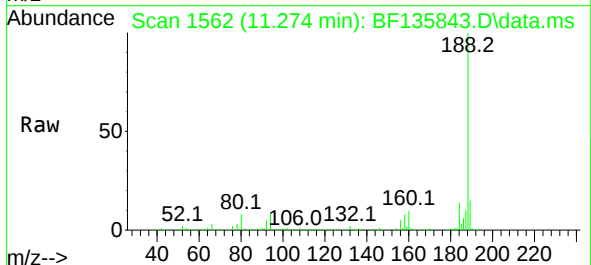
Instrument :
BNA_F
ClientSampleId :
WC-2

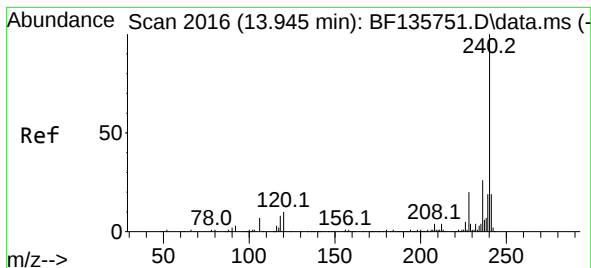
Tgt Ion:172 Resp: 1054191
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion:188 Resp: 334865
Ion Ratio Lower Upper
188 100
94 7.8 8.0 12.0#
80 7.9 8.3 12.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

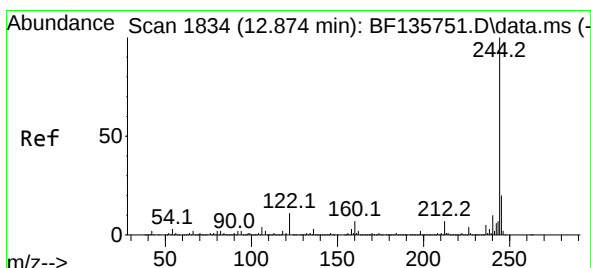
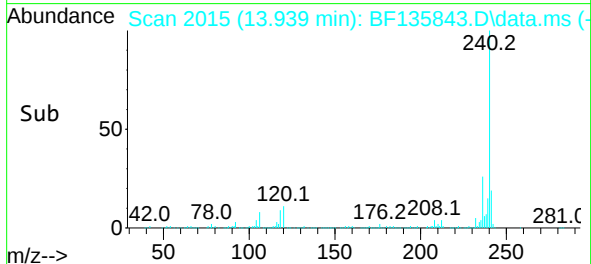
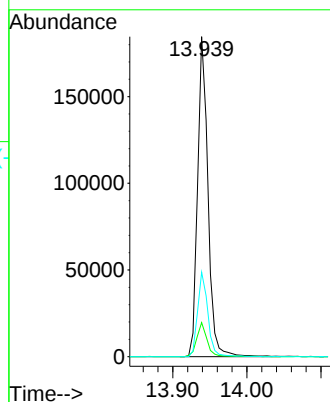
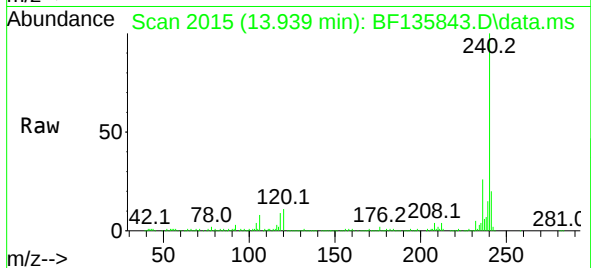
Tgt Ion:240 Resp: 179241

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 26.4 21.2 31.8



#79

Terphenyl-d14

Concen: 115.453 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

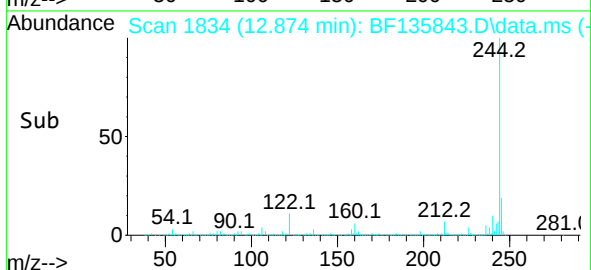
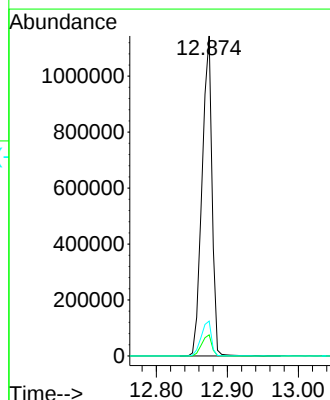
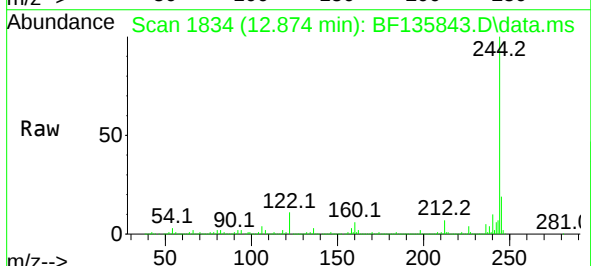
Tgt Ion:244 Resp: 1117434

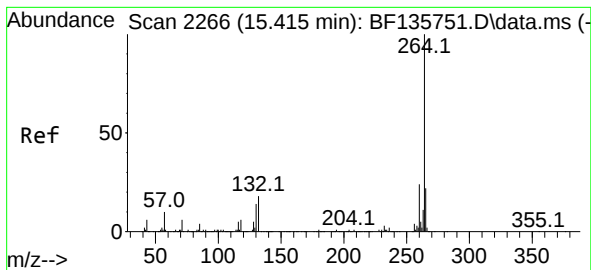
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:264 Resp: 166998
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 20.8 17.4 26.2

