

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134900.D
 Acq On : 23 Aug 2023 12:56
 Operator : CG\JU
 Sample : 04086-17RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-18RE

Quant Time: Aug 24 04:24:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	304945	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1227863	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	655454	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	1209287	20.000	ng	0.00
76) Chrysene-d12	13.980	240	709092	20.000	ng	0.00
86) Perylene-d12	15.456	264	773093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	793802	41.510	ng	0.00
7) Phenol-d6	6.428	99	981994	40.187	ng	-0.01
23) Nitrobenzene-d5	7.351	82	620336	27.839	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	316231	40.965	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1162006	27.406	ng	0.00
79) Terphenyl-d14	12.921	244	1236706	23.988	ng	0.00

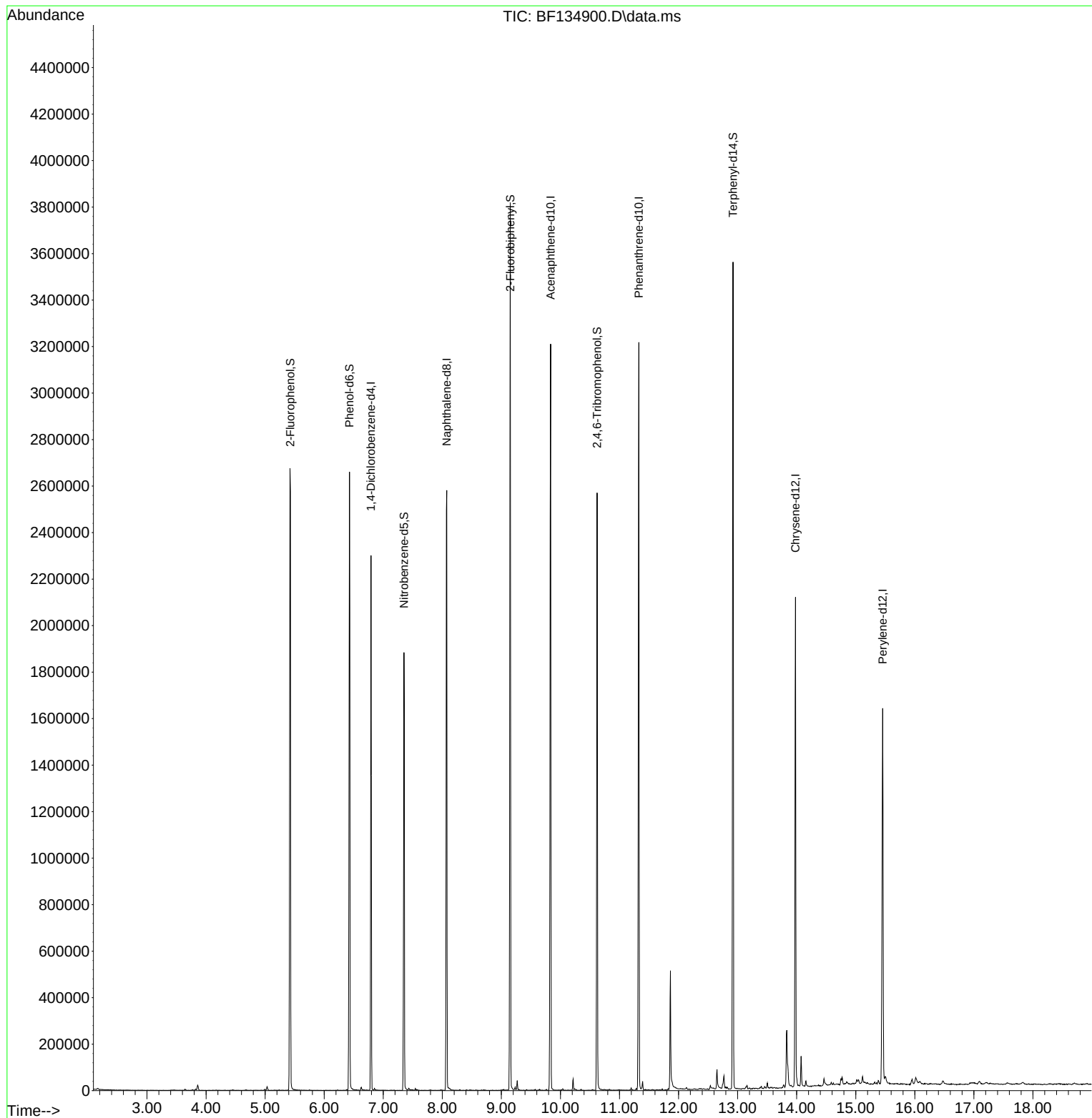
Target Compounds	Qvalue

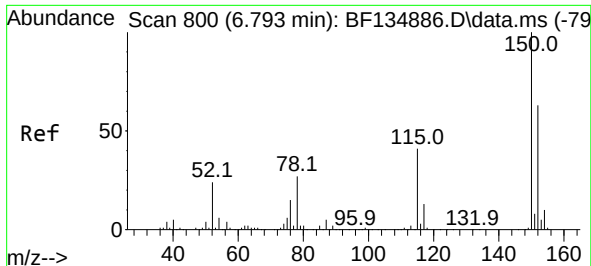
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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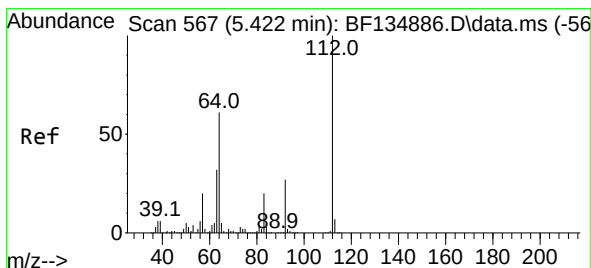
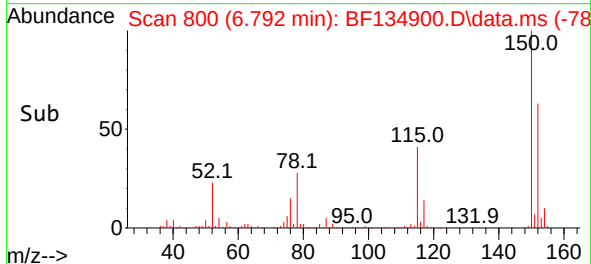
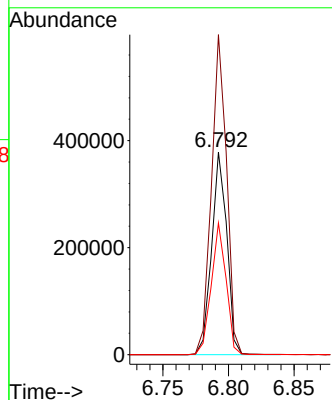
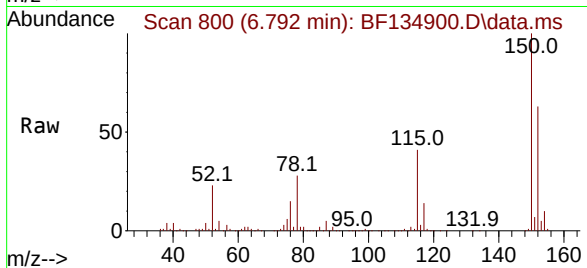




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.001 min
 Lab File: BF134900.D
 Acq: 23 Aug 2023 12:56

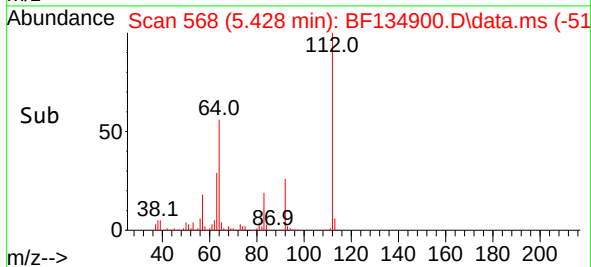
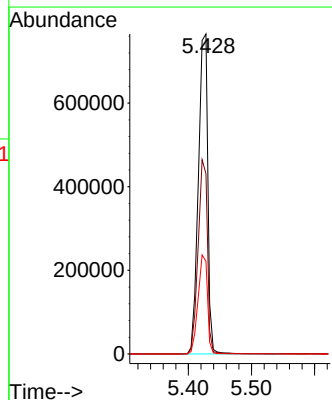
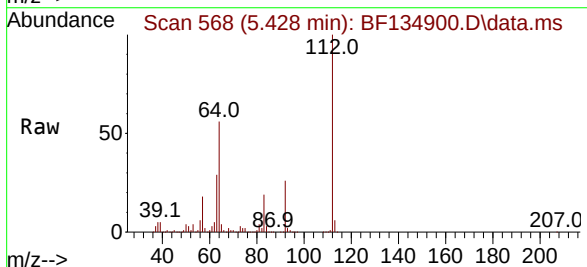
Instrument :
 BNA_F
 ClientSampleId :
 WC-18RE

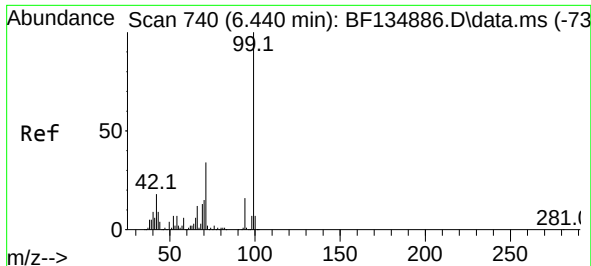
Tgt Ion:152 Resp: 304945
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.1 189.1
 115 65.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 41.510 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF134900.D
 Acq: 23 Aug 2023 12:56

Tgt Ion:112 Resp: 793802
 Ion Ratio Lower Upper
 112 100
 64 56.3 48.6 73.0
 63 29.0 25.7 38.5





#7

Phenol-d6

Concen: 40.187 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Instrument :

BNA_F

ClientSampleId :

WC-18RE

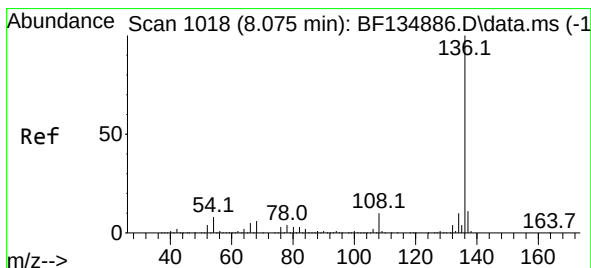
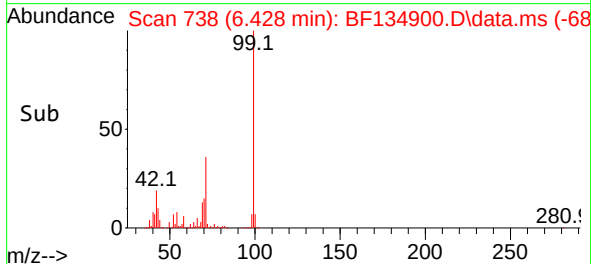
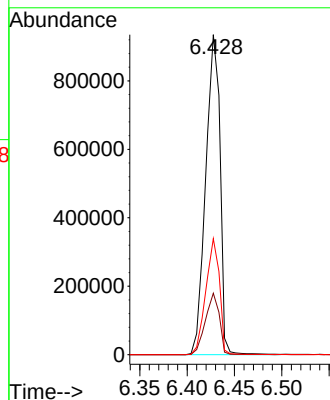
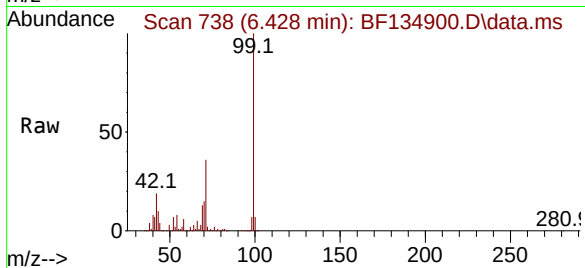
Tgt Ion: 99 Resp: 981994

Ion Ratio Lower Upper

99 100

42 19.2 14.6 22.0

71 36.3 27.6 41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Tgt Ion:136 Resp: 1227863

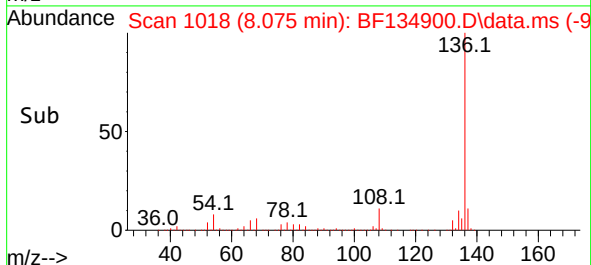
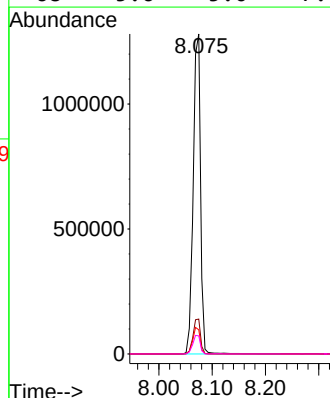
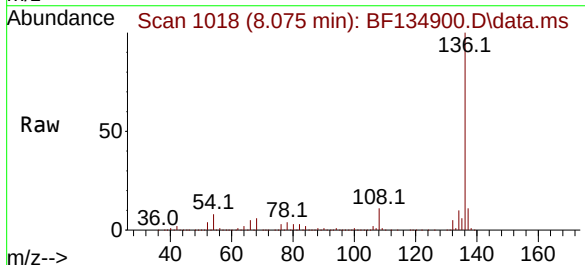
Ion Ratio Lower Upper

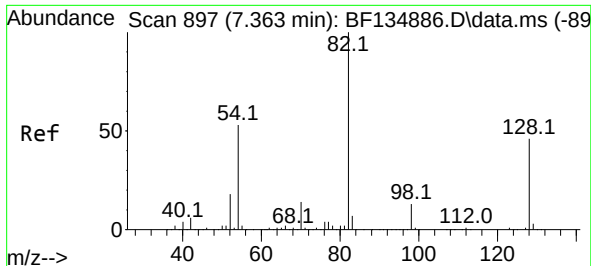
136 100

137 10.9 8.9 13.3

54 7.5 6.6 9.8

68 5.6 5.0 7.4

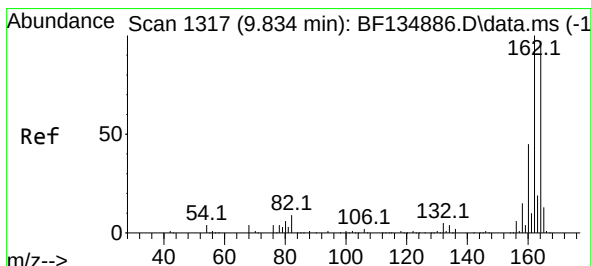
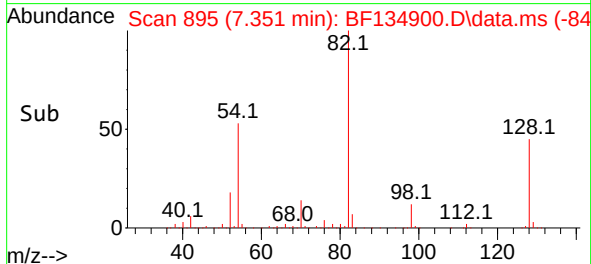
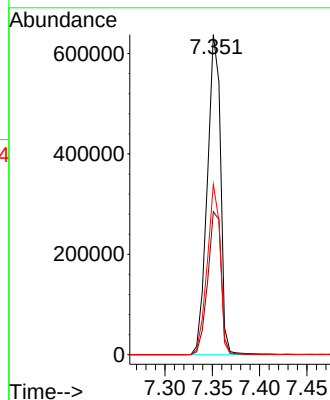
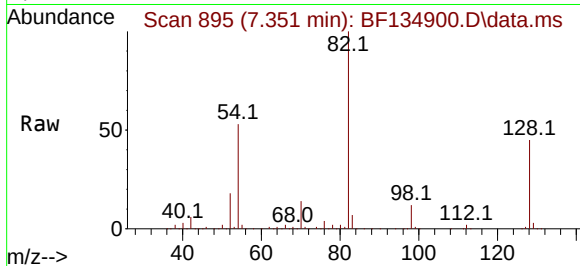




#23
Nitrobenzene-d5
Concen: 27.839 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

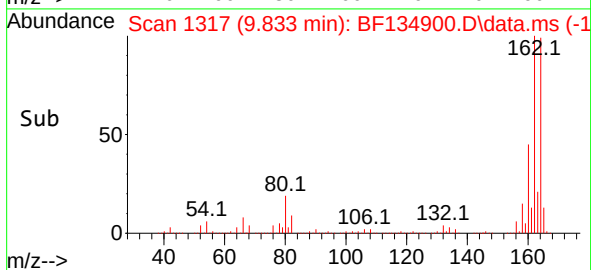
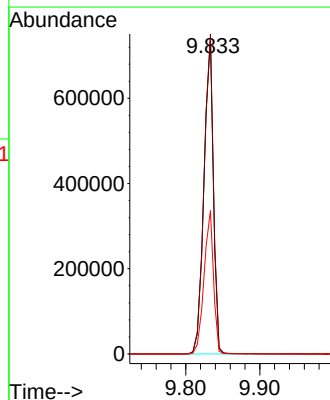
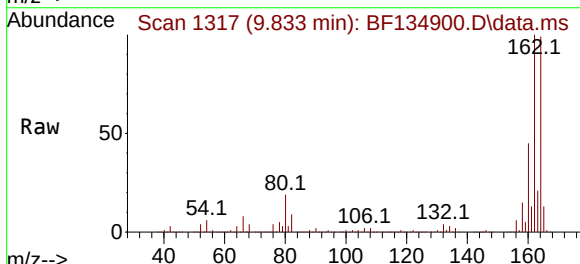
Instrument :
BNA_F
ClientSampleId :
WC-18RE

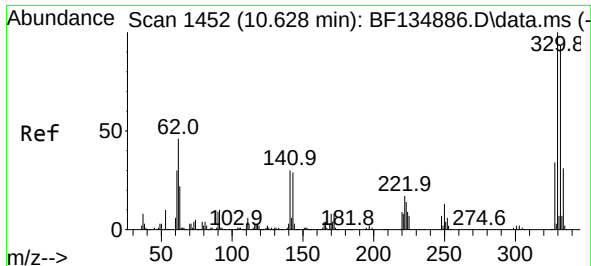
Tgt Ion: 82 Resp: 620336
Ion Ratio Lower Upper
82 100
128 44.7 36.6 54.8
54 53.3 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion:164 Resp: 655454
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.4 37.0 55.4

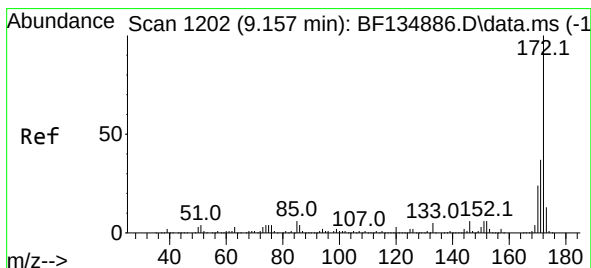
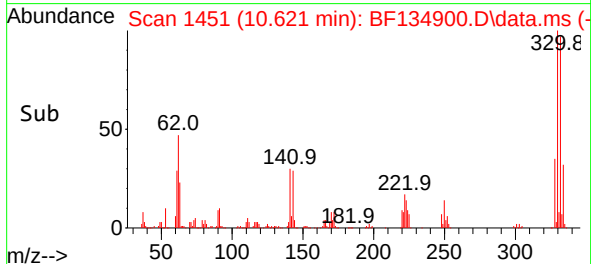
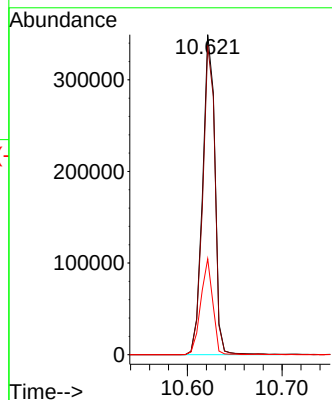
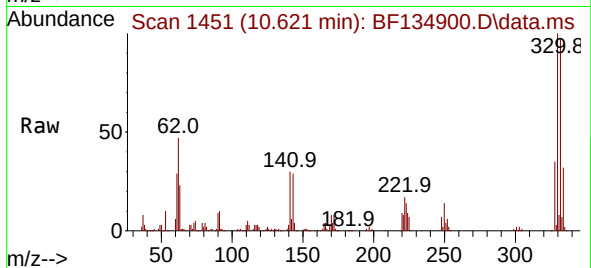




#42
2,4,6-Tribromophenol
Concen: 40.965 ng
RT: 10.621 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

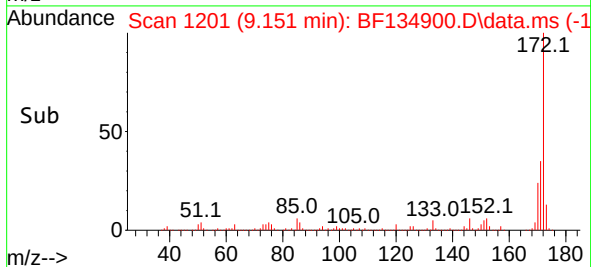
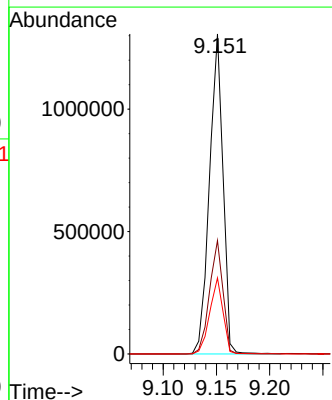
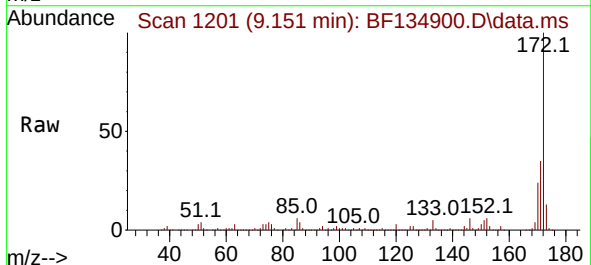
Instrument :
BNA_F
ClientSampleId :
WC-18RE

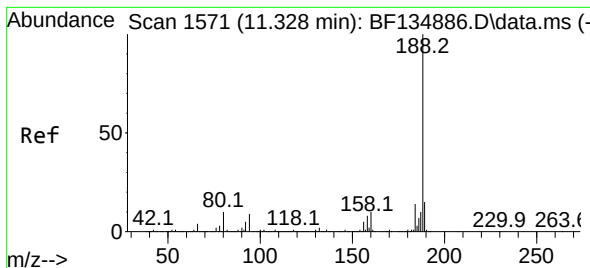
Tgt Ion:330 Resp: 316231
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 27.406 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134900.D
Acq: 23 Aug 2023 12:56

Tgt Ion:172 Resp: 1162006
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Instrument :

BNA_F

ClientSampleId :

WC-18RE

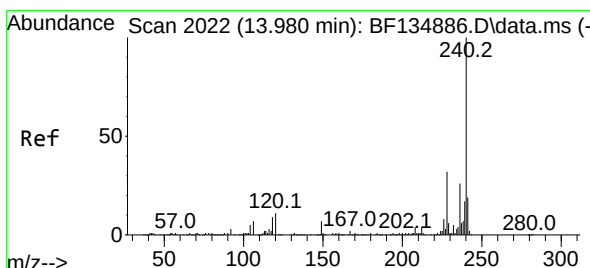
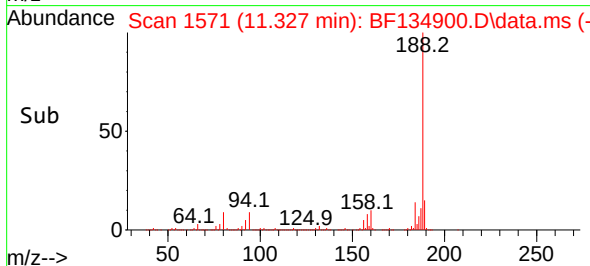
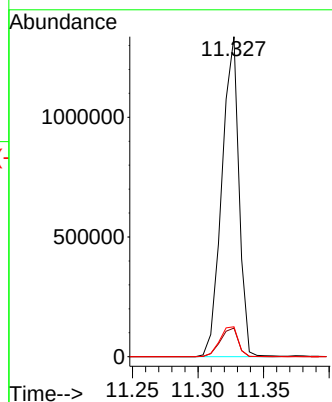
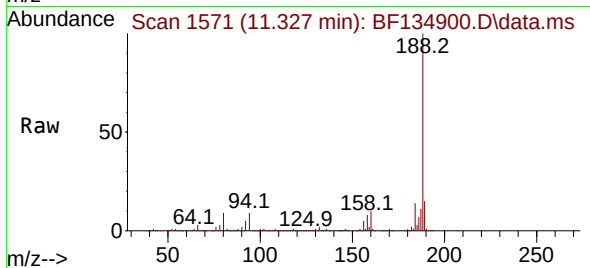
Tgt Ion:188 Resp: 1209287

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.4 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

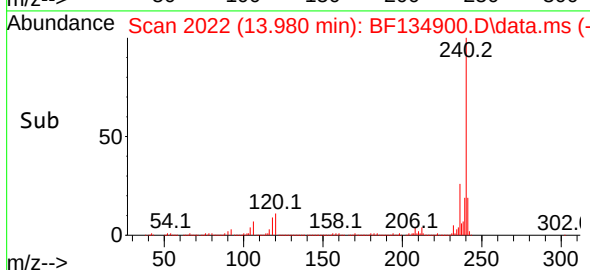
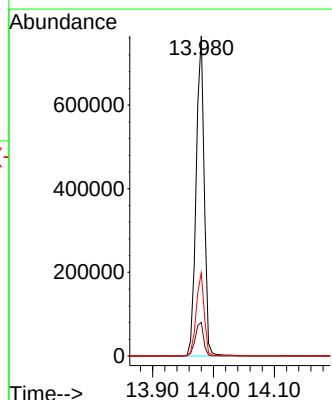
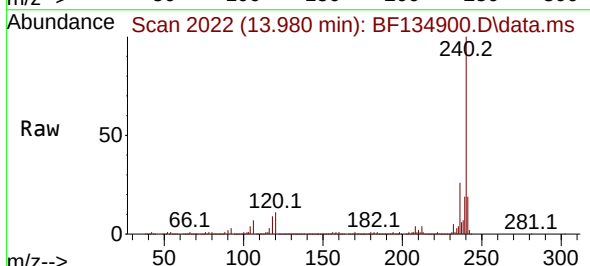
Tgt Ion:240 Resp: 709092

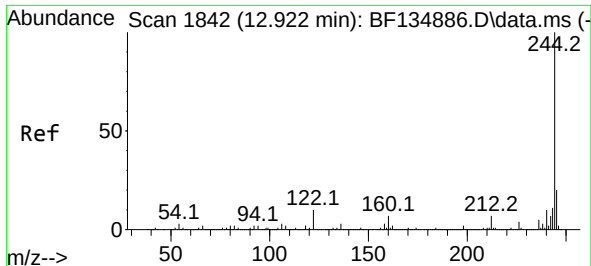
Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 23.988 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.001 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Instrument :

BNA_F

ClientSampleId :

WC-18RE

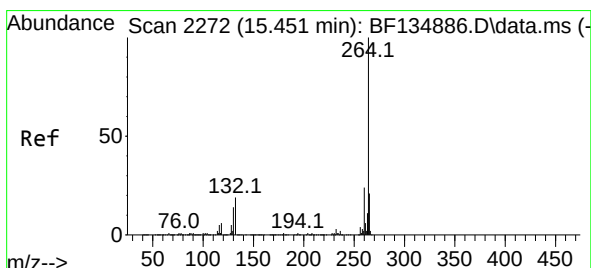
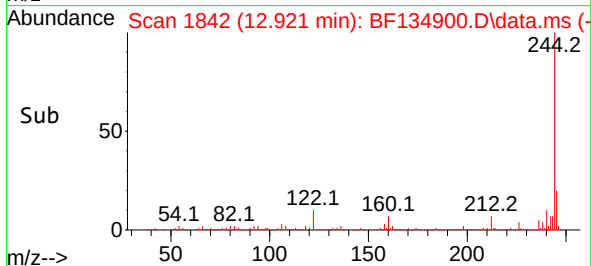
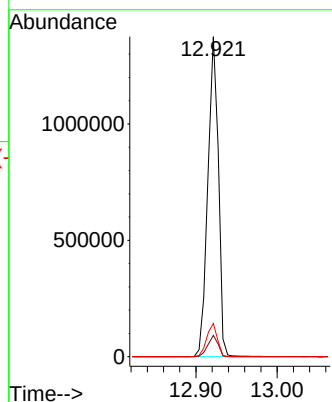
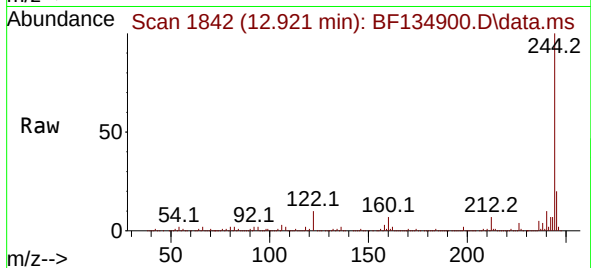
Tgt Ion:244 Resp: 1236706

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.3 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF134900.D

Acq: 23 Aug 2023 12:56

Tgt Ion:264 Resp: 773093

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.9 17.1 25.7

