

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134996.D
 Acq On : 29 Aug 2023 21:53
 Operator : CG\JU
 Sample : 04109-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Aug 29 22:31:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	122241	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	488421	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	242397	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	421176	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	225148	20.000	ng	-0.02
86) Perylene-d12	15.433	264	265340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	566646	73.920	ng	-0.01
7) Phenol-d6	6.422	99	722216	73.731	ng	-0.02
23) Nitrobenzene-d5	7.345	82	446633	50.389	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	190491	66.726	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	833814	53.177	ng	-0.02
79) Terphenyl-d14	12.904	244	748004	45.695	ng	-0.02

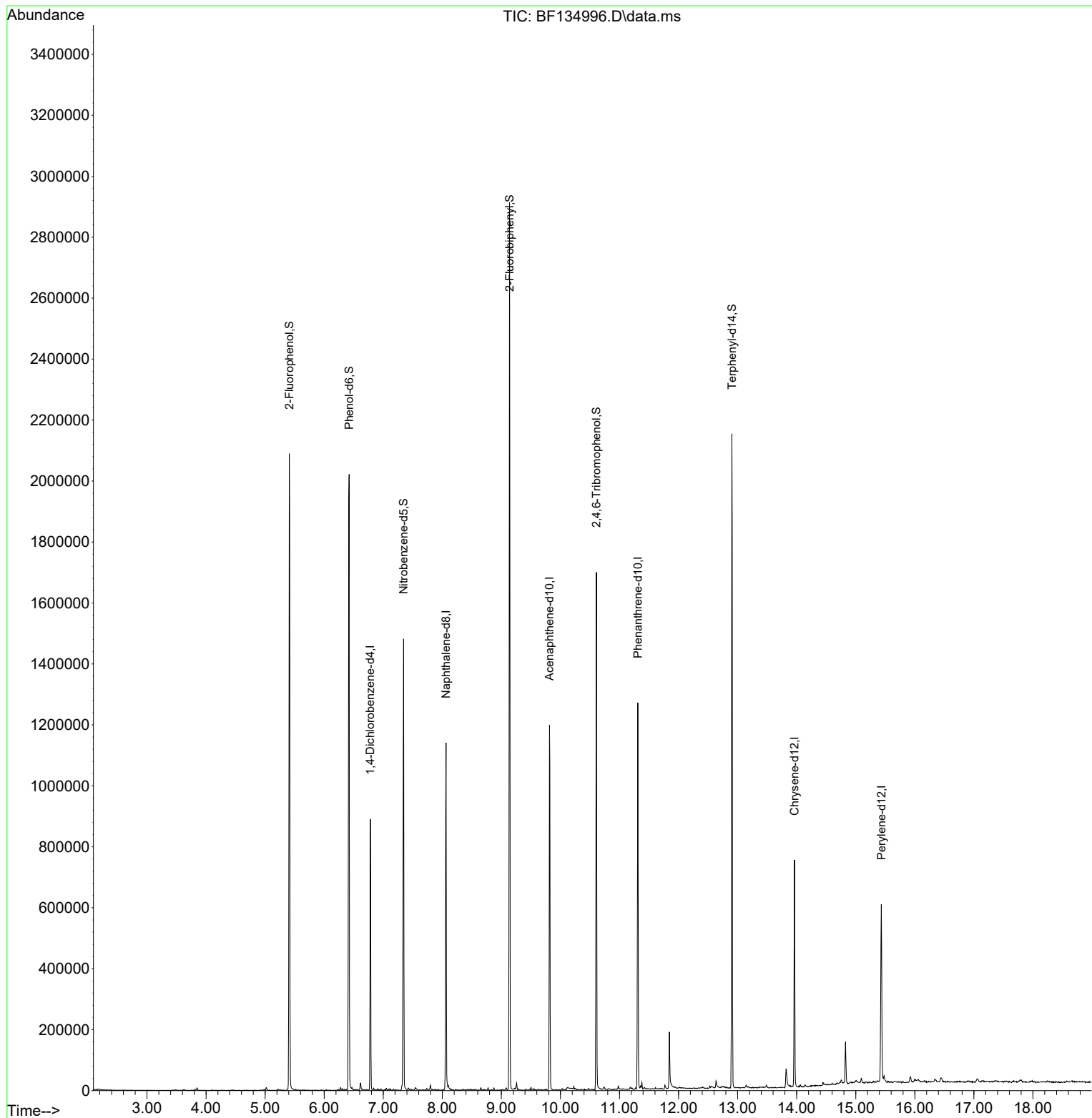
Target Compounds	Qvalue

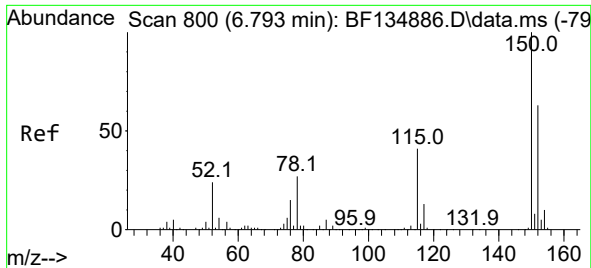
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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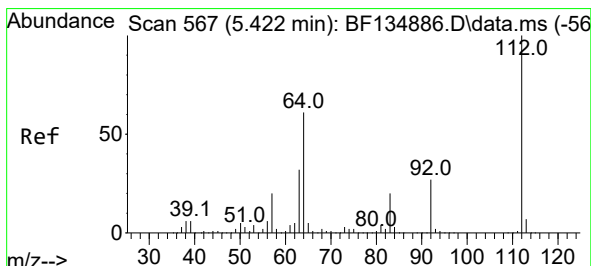
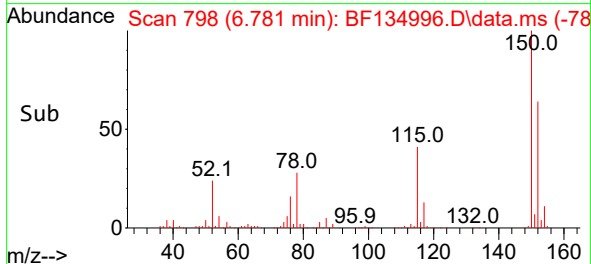
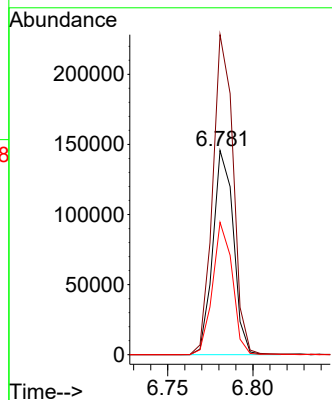
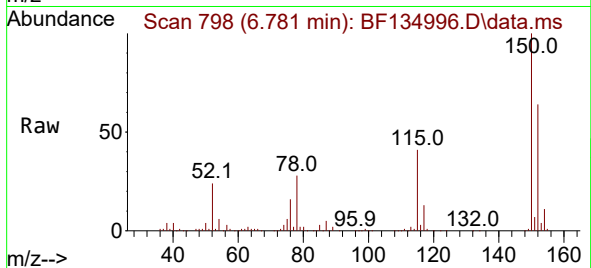




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

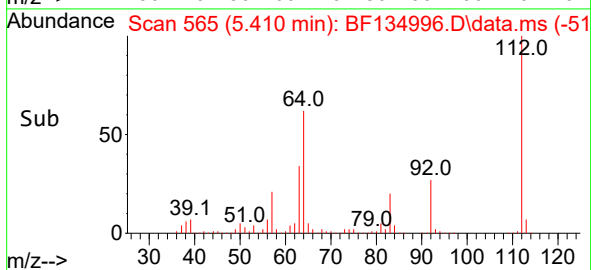
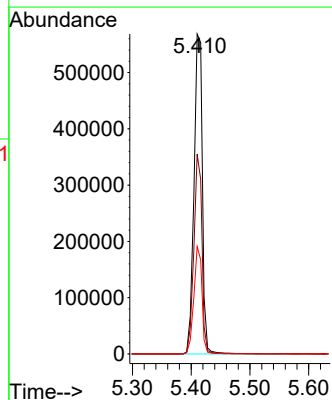
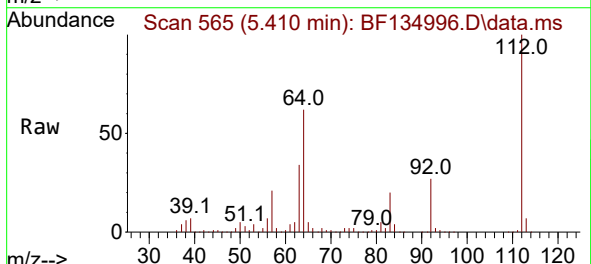
Instrument :
BNA_F
ClientSampleId :
DUP-1

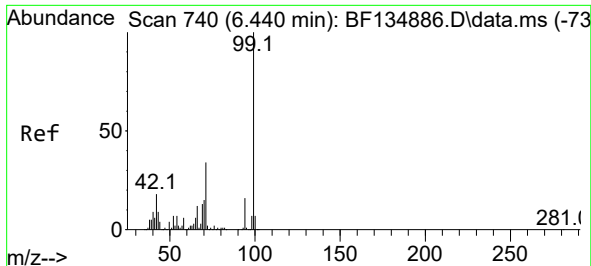
Tgt Ion:152 Resp: 122241
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 64.8 51.1 76.7



#5
2-Fluorophenol
Concen: 73.920 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion:112 Resp: 566646
Ion Ratio Lower Upper
112 100
64 62.4 48.6 73.0
63 33.5 25.7 38.5

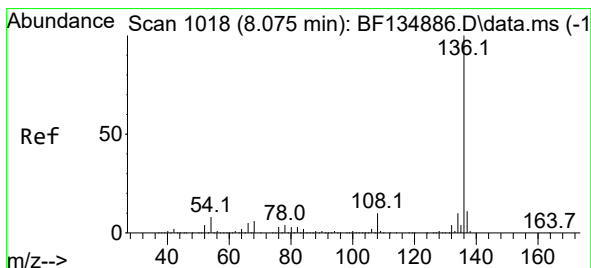
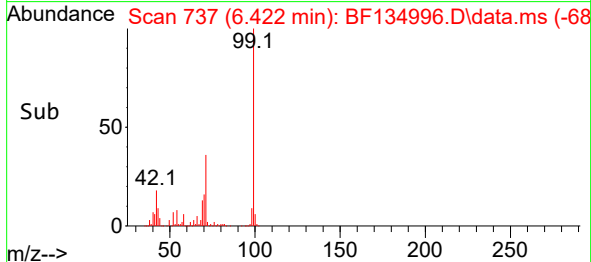
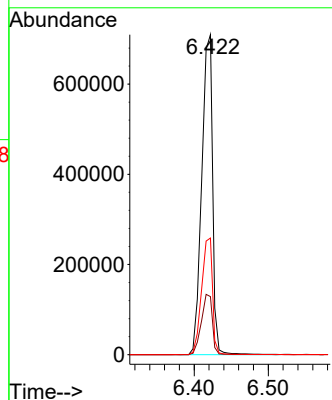
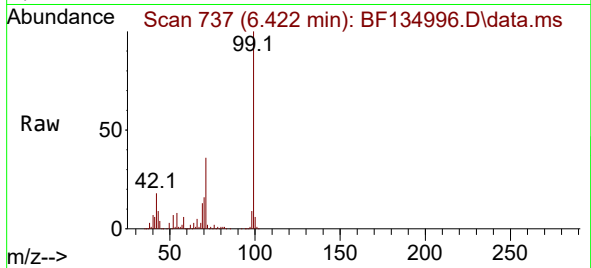




#7
Phenol-d6
Concen: 73.731 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

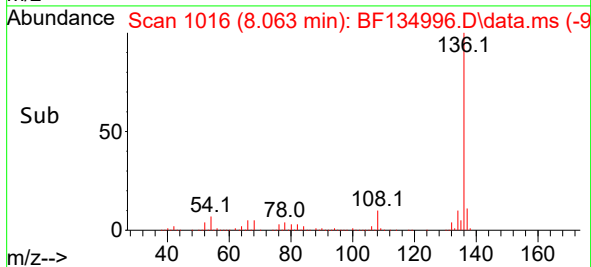
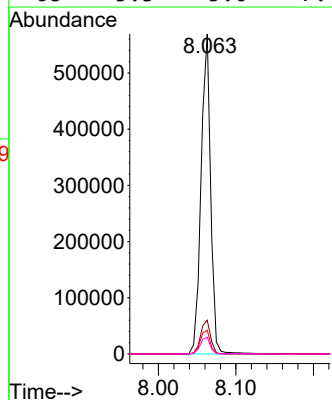
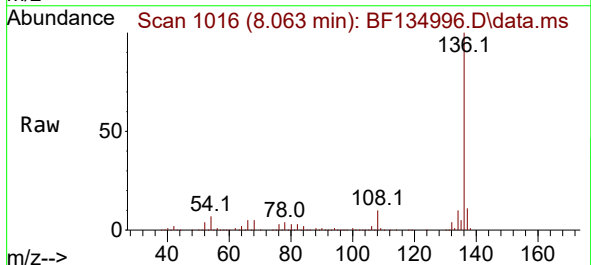
Instrument :
BNA_F
ClientSampleId :
DUP-1

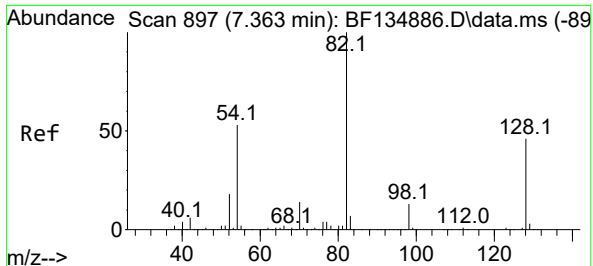
Tgt Ion: 99 Resp: 722216
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 36.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion: 136 Resp: 488421
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 50.389 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

DUP-1

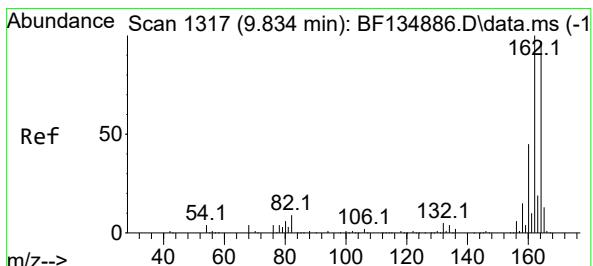
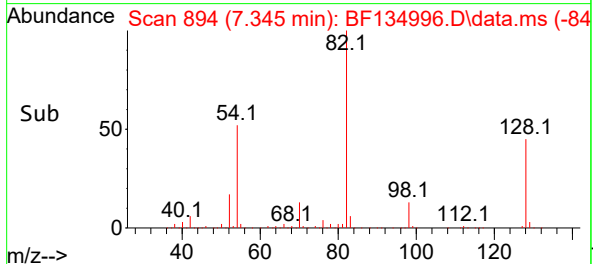
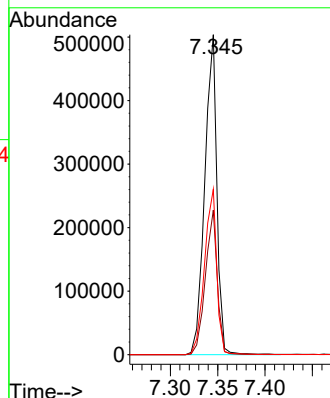
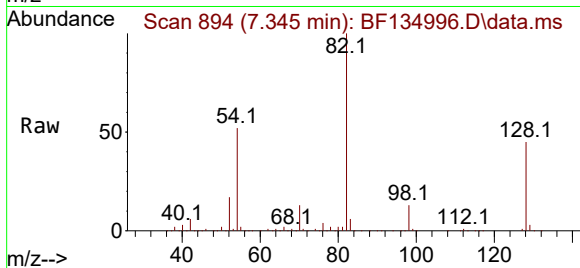
Tgt Ion: 82 Resp: 446633

Ion Ratio Lower Upper

82 100

128 45.2 36.6 54.8

54 51.7 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

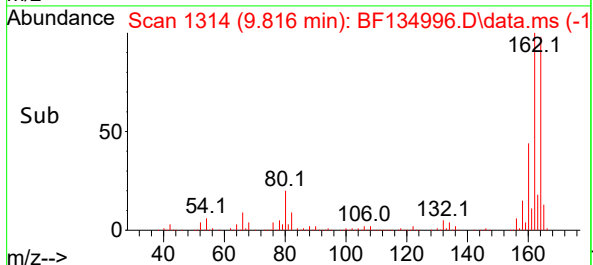
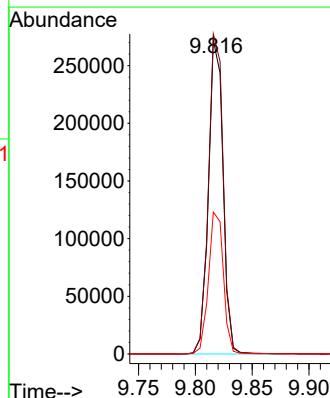
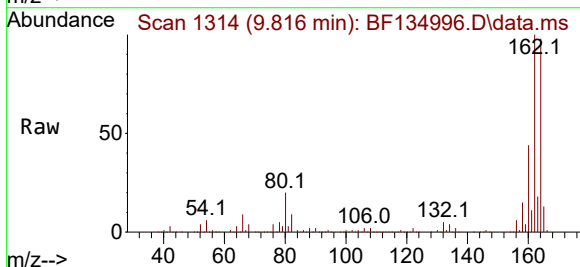
Tgt Ion:164 Resp: 242397

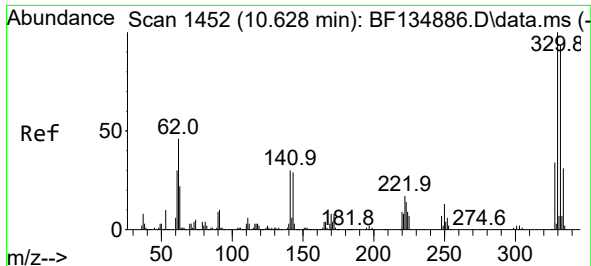
Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 45.2 37.0 55.4

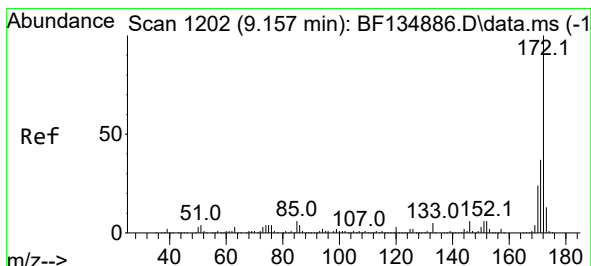
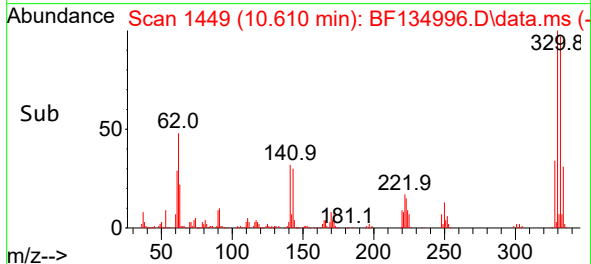
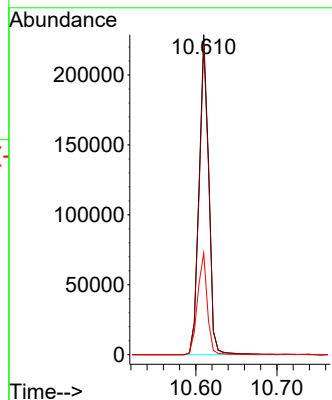
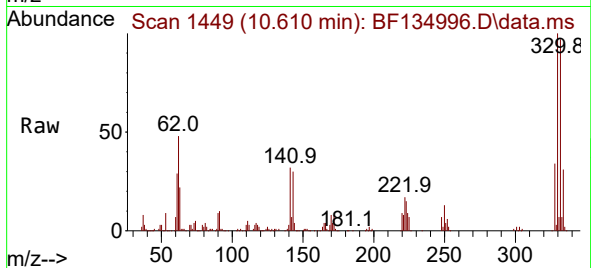




#42
2,4,6-Tribromophenol
Concen: 66.726 ng
RT: 10.610 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

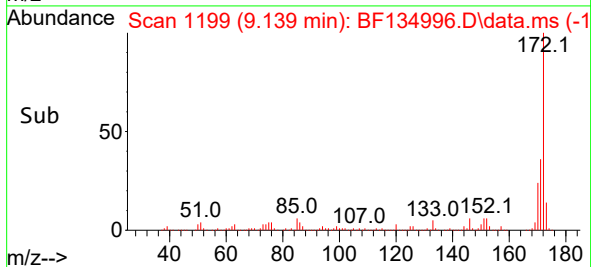
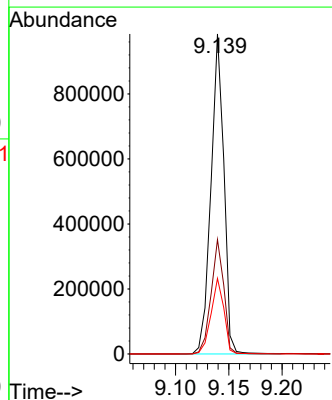
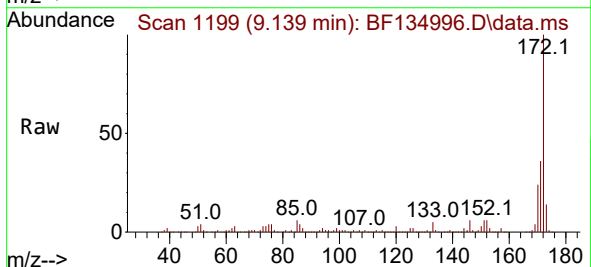
Instrument :
BNA_F
ClientSampleId :
DUP-1

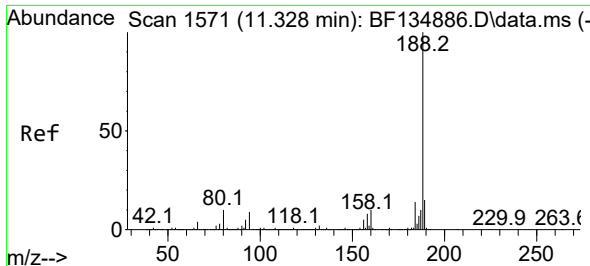
Tgt Ion:330 Resp: 190491
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 53.177 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion:172 Resp: 833814
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.6 19.6 29.4

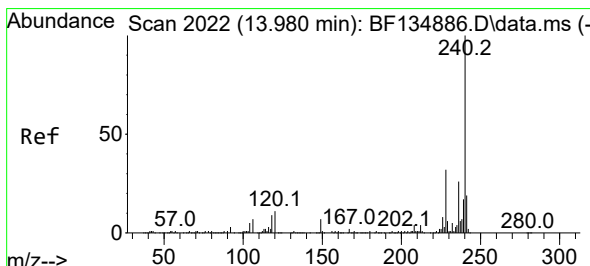
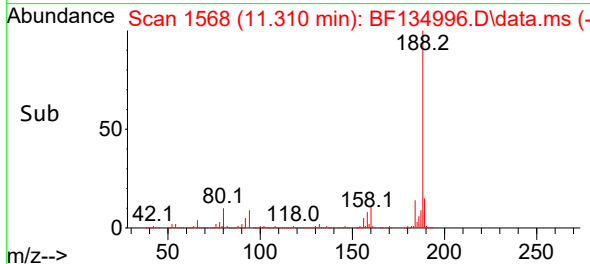
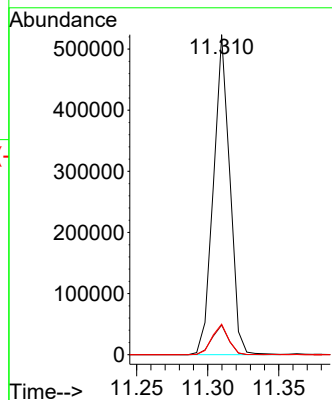
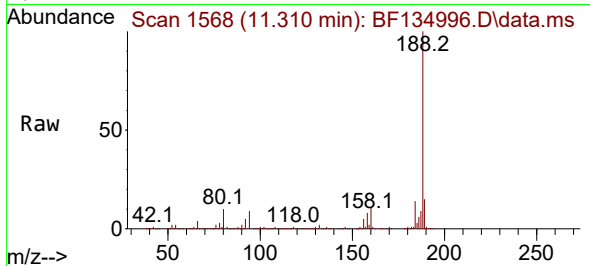




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

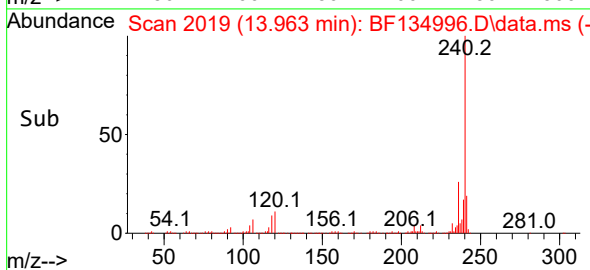
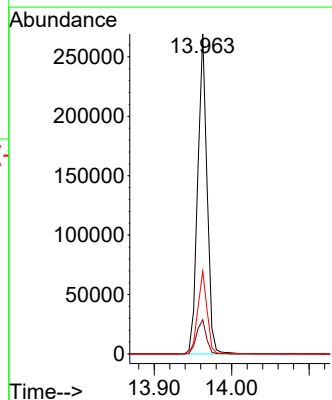
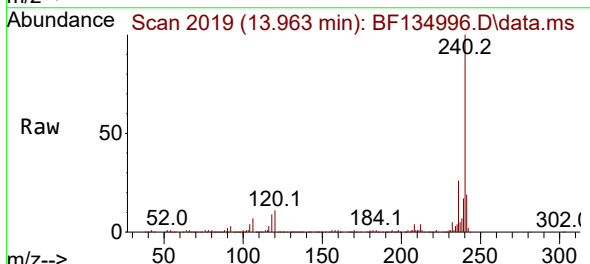
Instrument :
BNA_F
ClientSampleId :
DUP-1

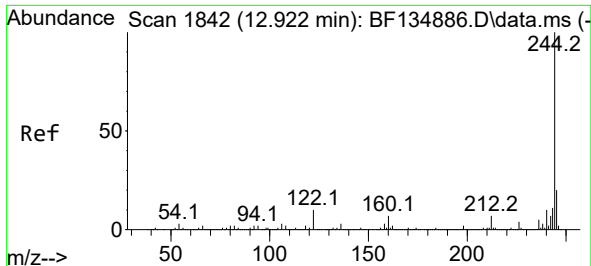
Tgt Ion:188 Resp: 421176
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion:240 Resp: 225148
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 45.695 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.018 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

DUP-1

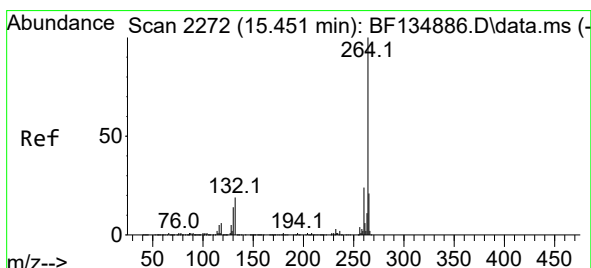
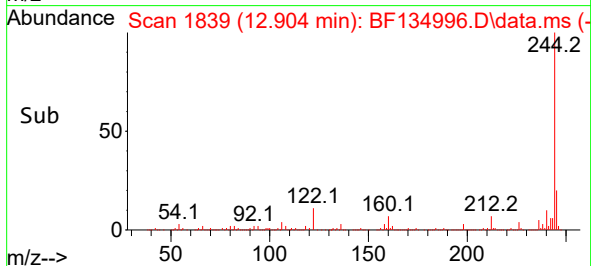
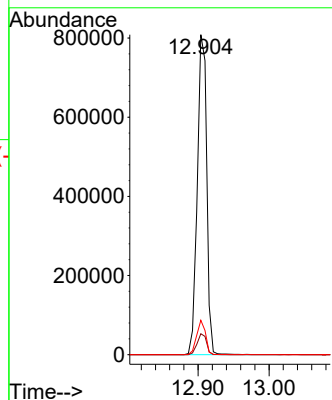
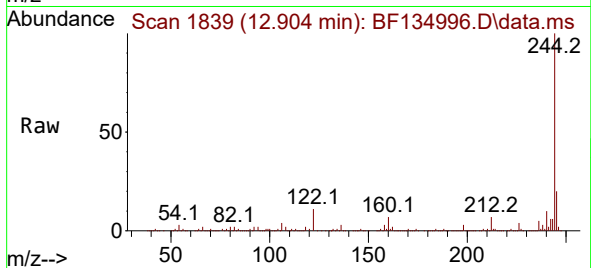
Tgt Ion:244 Resp: 748004

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.8 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.018 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Tgt Ion:264 Resp: 265340

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.6 17.1 25.7

