

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134898.D
 Acq On : 23 Aug 2023 11:53
 Operator : CG\JU
 Sample : 04091-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-G

Quant Time: Aug 24 04:23:46 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	6.793	152	145336	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	585945	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	315493	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	622236	20.000	ng	0.00
76) Chrysene-d12	13.974	240	390918	20.000	ng	0.00
86) Perylene-d12	15.445	264	355238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	695112	76.269	ng	0.00
7) Phenol-d6	6.428	99	899679	77.253	ng	-0.01
23) Nitrobenzene-d5	7.351	82	540926	50.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	316674	85.225	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1022221	50.088	ng	0.00
79) Terphenyl-d14	12.922	244	1286327	45.258	ng	0.00

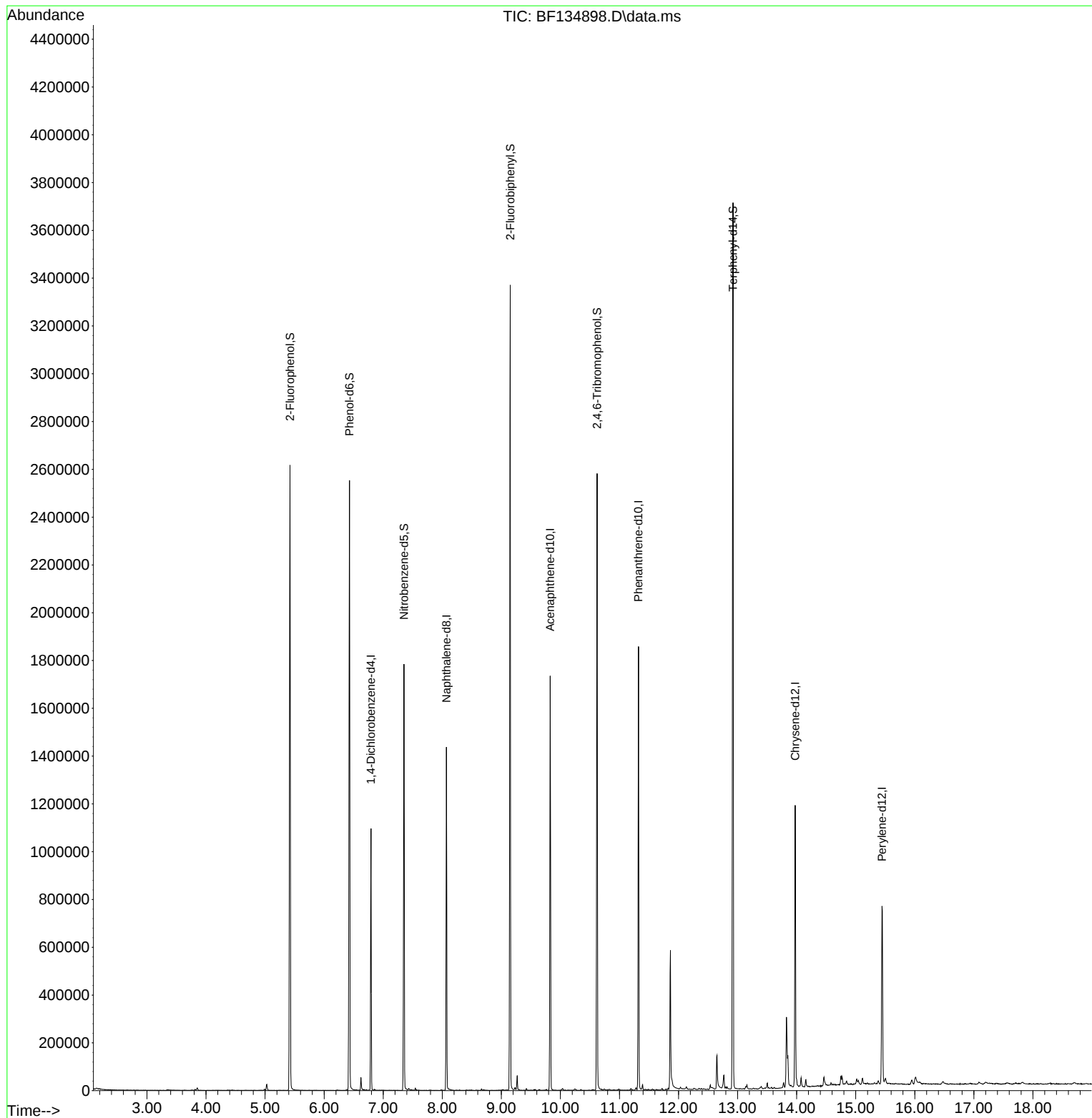
Target Compounds	Qvalue

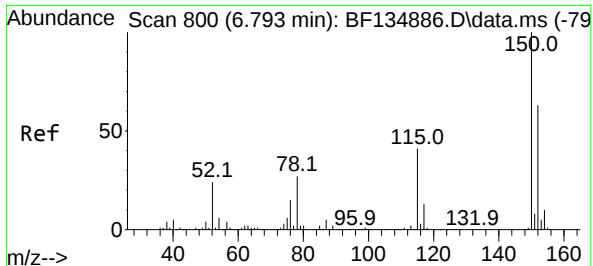
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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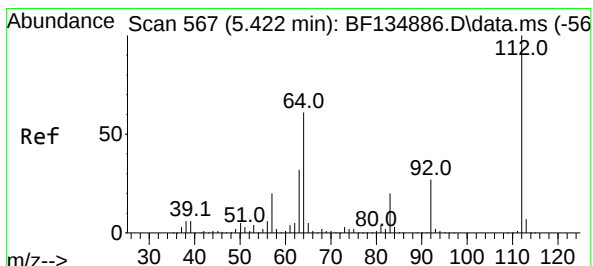
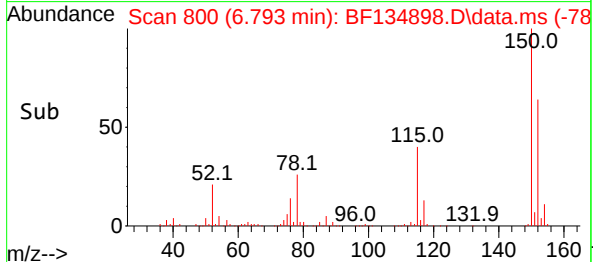
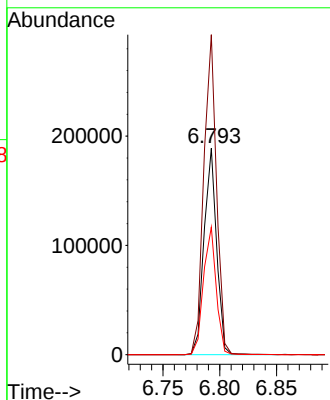
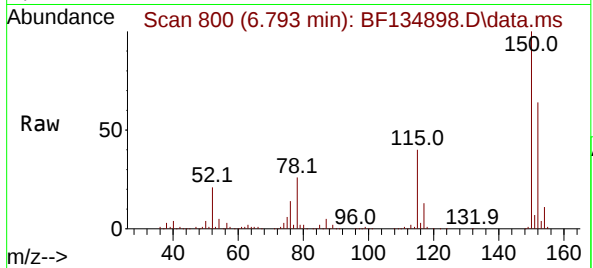




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

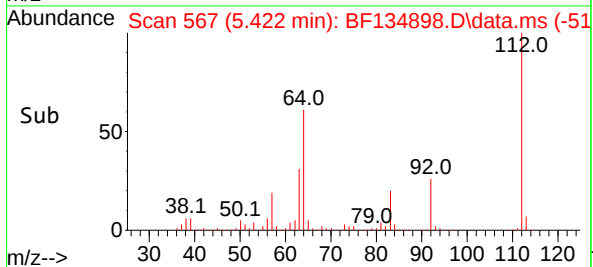
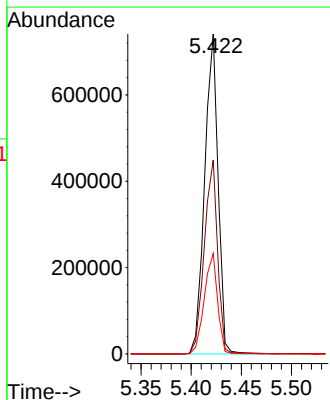
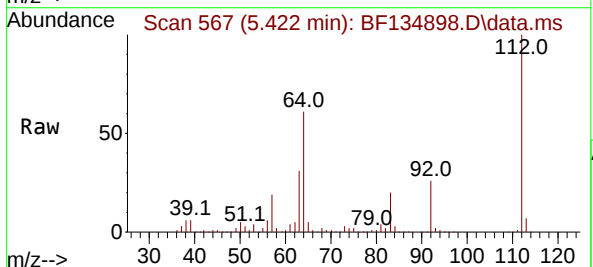
Instrument :
BNA_F
ClientSampleId :
TP-G

Tgt Ion:152 Resp: 145336
Ion Ratio Lower Upper
152 100
150 155.1 126.1 189.1
115 61.8 51.1 76.7



#5
2-Fluorophenol
Concen: 76.269 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

Tgt Ion:112 Resp: 695112
Ion Ratio Lower Upper
112 100
64 60.6 48.6 73.0
63 31.4 25.7 38.5





#7
Phenol-d6
Concen: 77.253 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

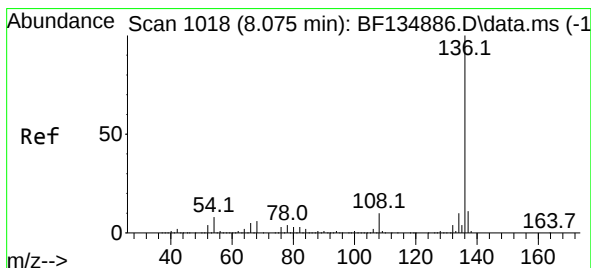
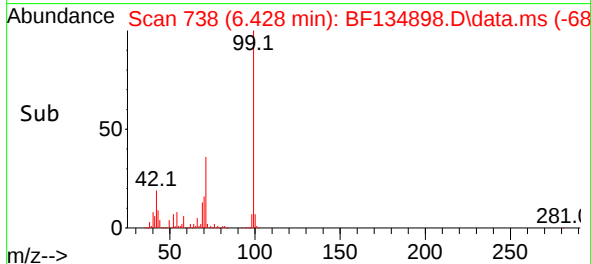
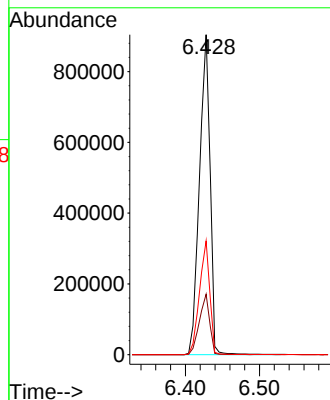
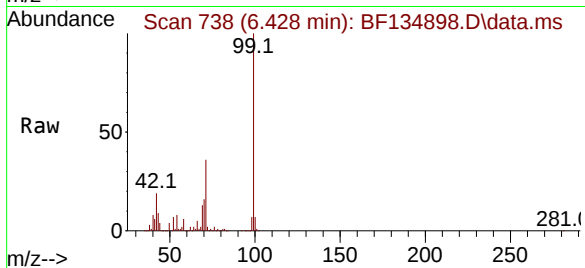
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BNA_F

ClientSampleId :

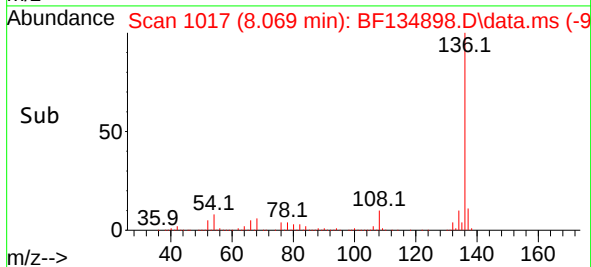
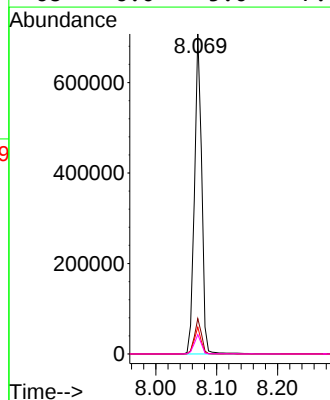
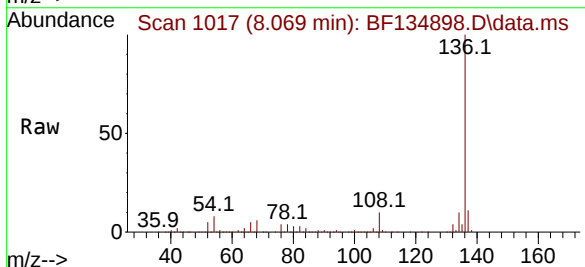
TP-G

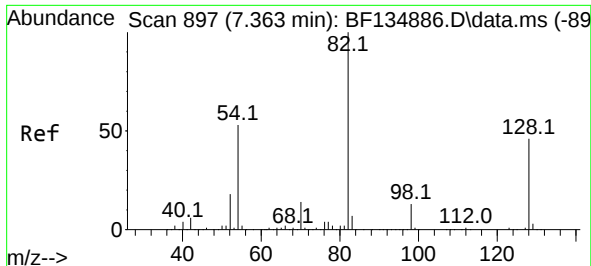
Tgt Ion: 99 Resp: 899679
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 35.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

Tgt Ion: 136 Resp: 585945
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.4 6.6 9.8
68 6.0 5.0 7.4

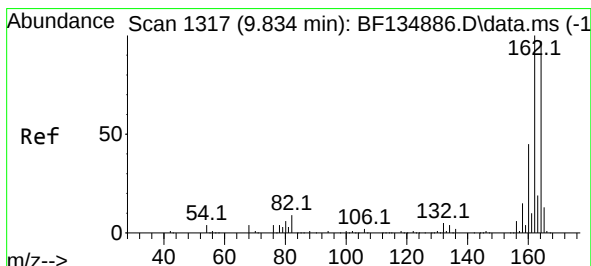
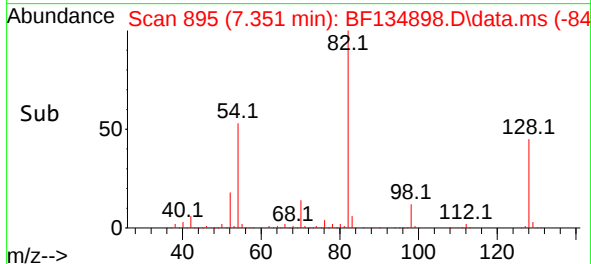
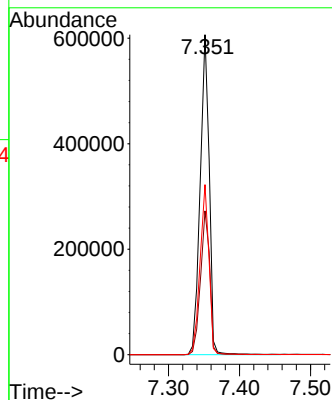
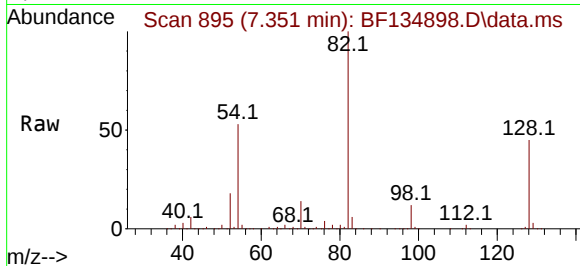




#23
Nitrobenzene-d5
Concen: 50.870 ng
RT: 7.351 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

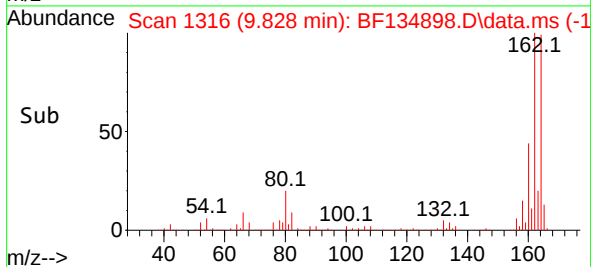
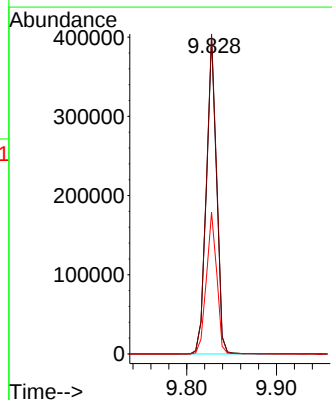
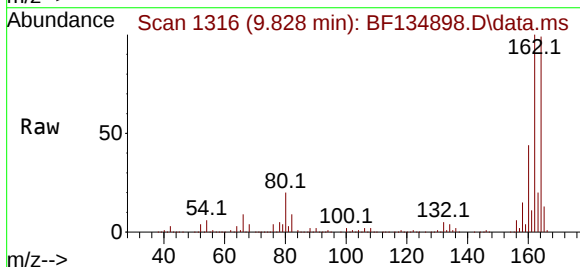
Instrument :
BNA_F
ClientSampleId :
TP-G

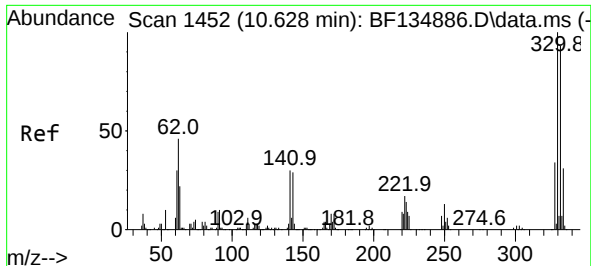
Tgt Ion: 82 Resp: 540926
Ion Ratio Lower Upper
82 100
128 45.0 36.6 54.8
54 53.1 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134898.D
Acq: 23 Aug 2023 11:53

Tgt Ion:164 Resp: 315493
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 44.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 85.225 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134898.D

Acq: 23 Aug 2023 11:53

Instrument :

BNA_F

ClientSampleId :

TP-G

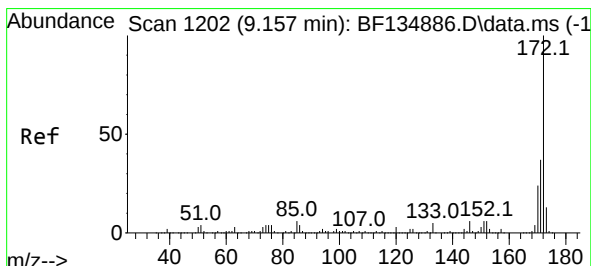
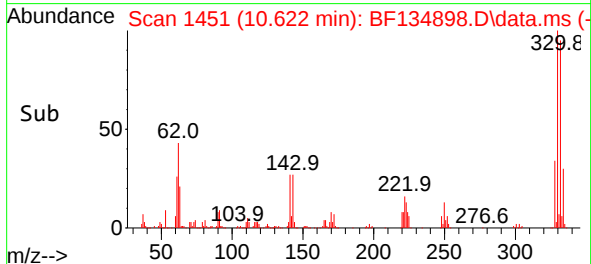
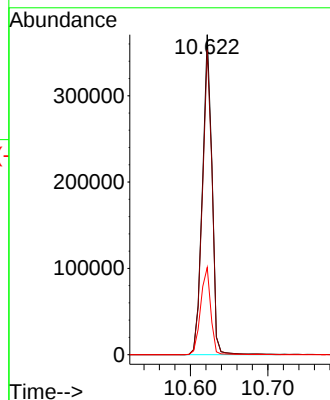
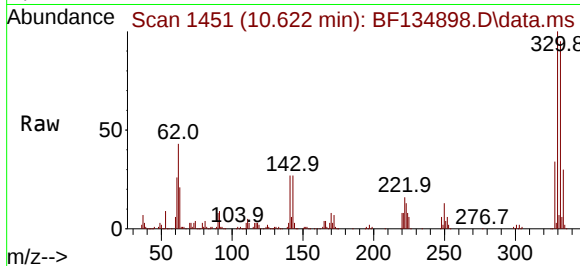
Tgt Ion:330 Resp: 316674

Ion Ratio Lower Upper

330 100

332 95.8 76.3 114.5

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 50.088 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134898.D

Acq: 23 Aug 2023 11:53

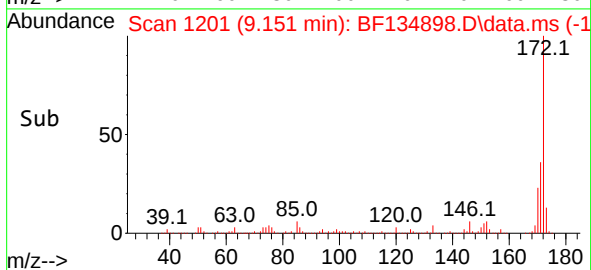
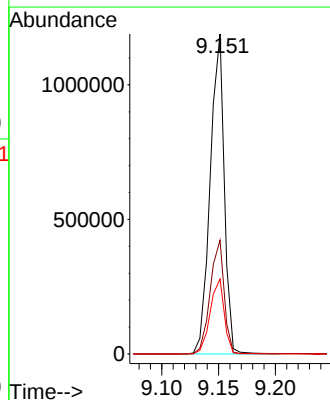
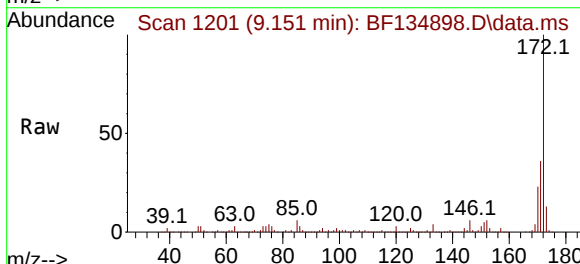
Tgt Ion:172 Resp: 1022221

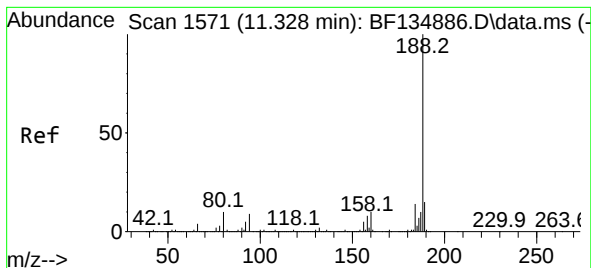
Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134898.D

Acq: 23 Aug 2023 11:53

Instrument :

BNA_F

ClientSampleId :

TP-G

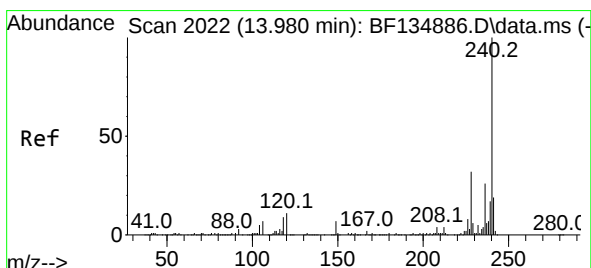
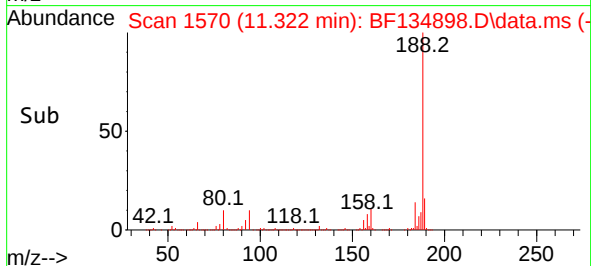
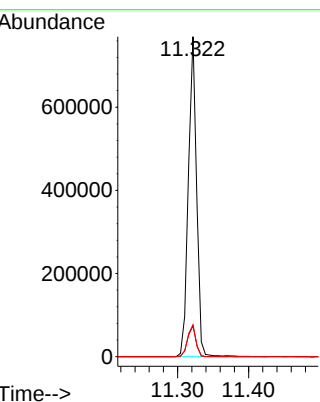
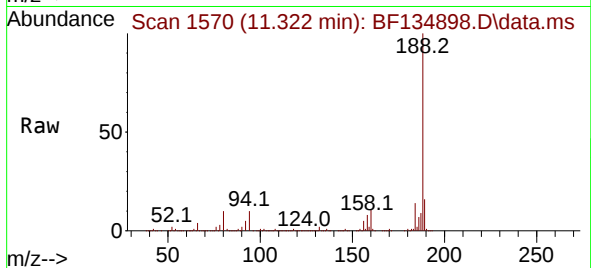
Tgt Ion:188 Resp: 622236

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.0 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF134898.D

Acq: 23 Aug 2023 11:53

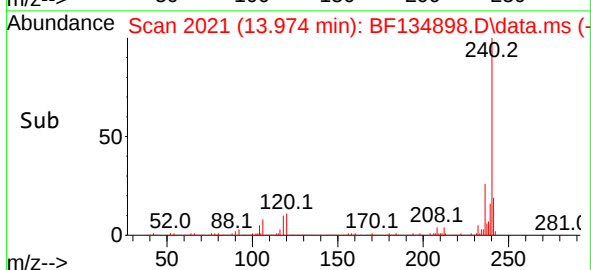
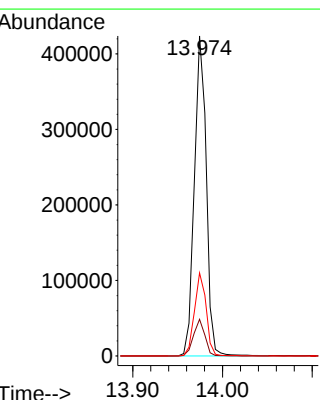
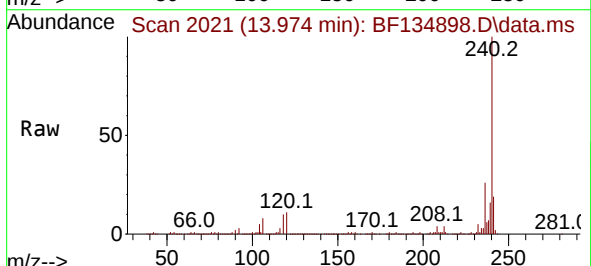
Tgt Ion:240 Resp: 390918

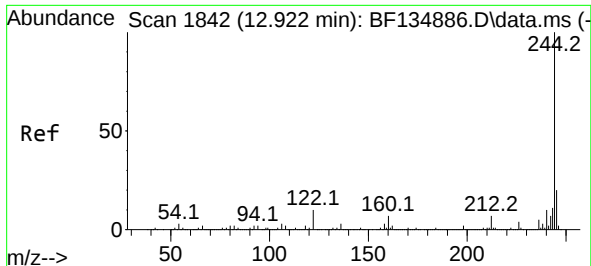
Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.9 20.6 31.0

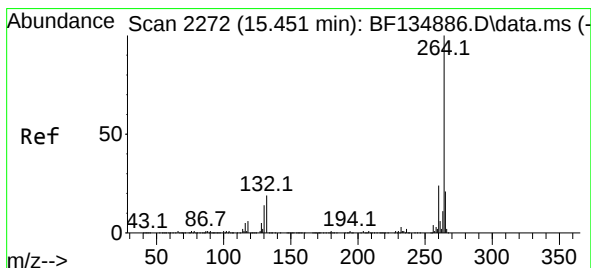
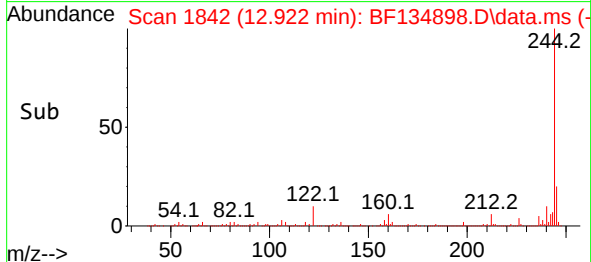
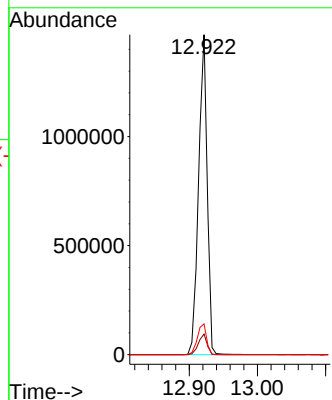
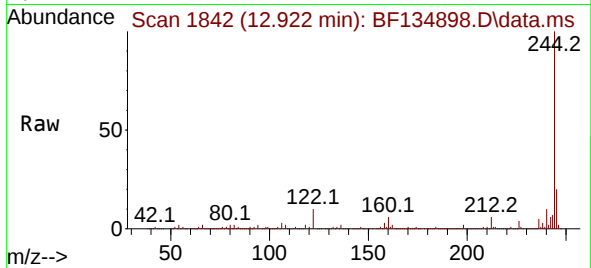




#79
 Terphenyl-d14
 Concen: 45.258 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134898.D
 Acq: 23 Aug 2023 11:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-G

Tgt Ion:244 Resp: 1286327
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF134898.D
 Acq: 23 Aug 2023 11:53

Tgt Ion:264 Resp: 355238
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.3 17.1 25.7

