

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134990.D
 Acq On : 29 Aug 2023 18:36
 Operator : CG\JU
 Sample : 04151-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-DNMPL

Quant Time: Aug 29 22:28:27 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	113930	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	456468	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	231035	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	423322	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	238915	20.000	ng	-0.02
86) Perylene-d12	15.433	264	246770	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	445178	62.310	ng	-0.01
7) Phenol-d6	6.416	99	352125	38.571	ng	-0.02
23) Nitrobenzene-d5	7.345	82	720128	86.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	308983	113.554	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1308107	87.528	ng	-0.01
79) Terphenyl-d14	12.910	244	1423550	81.952	ng	-0.01

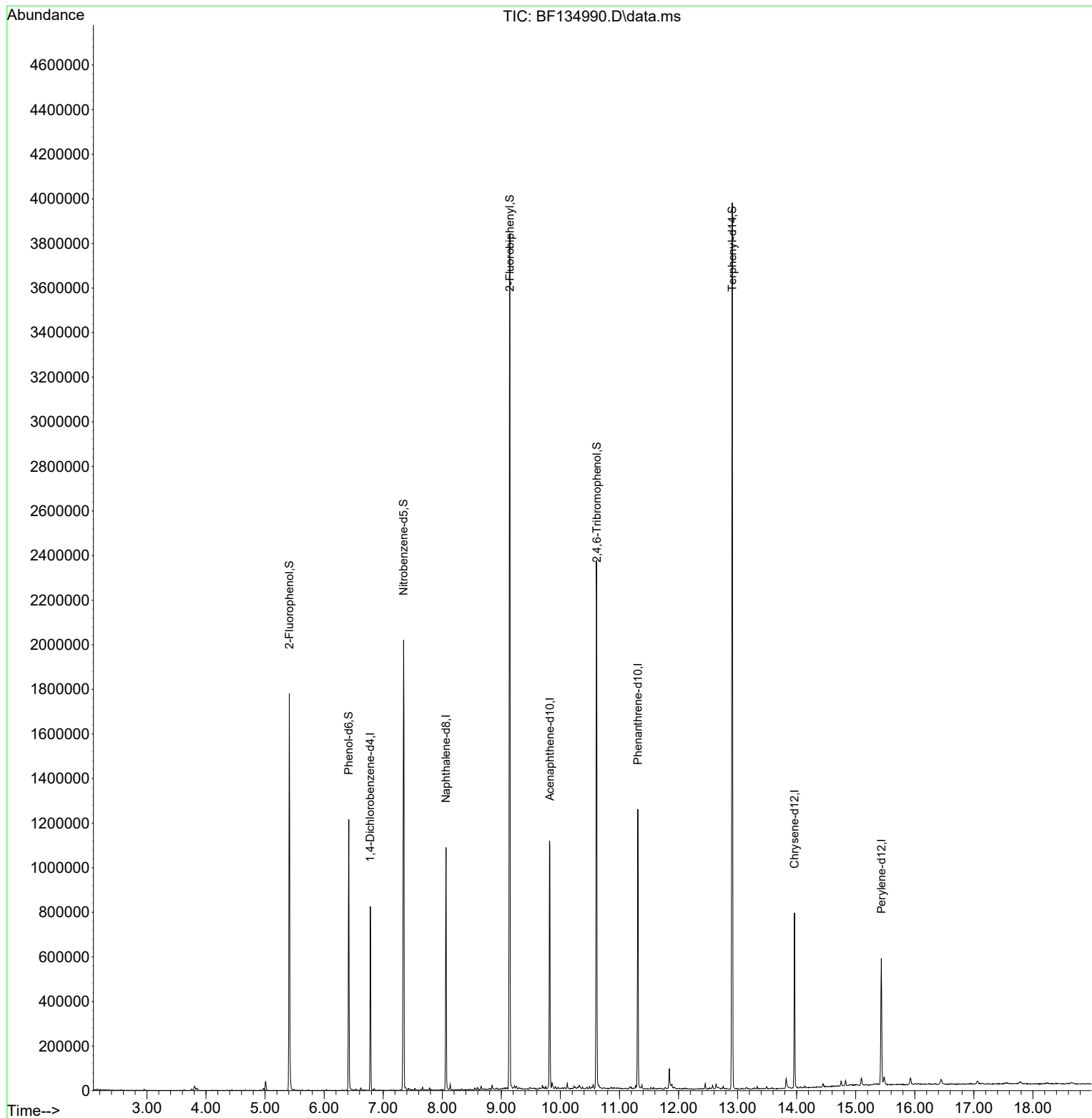
Target Compounds	Qvalue

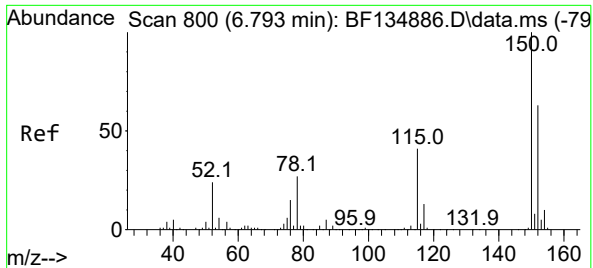
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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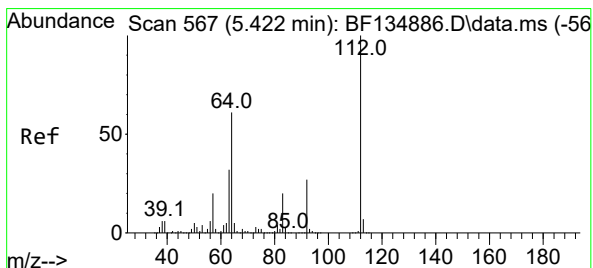
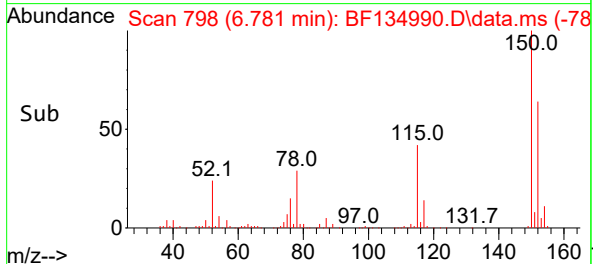
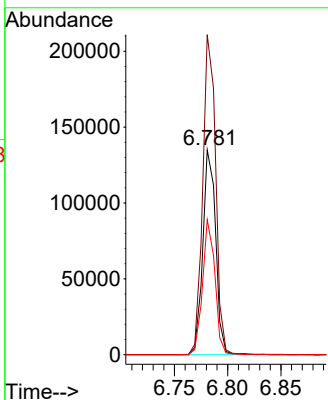
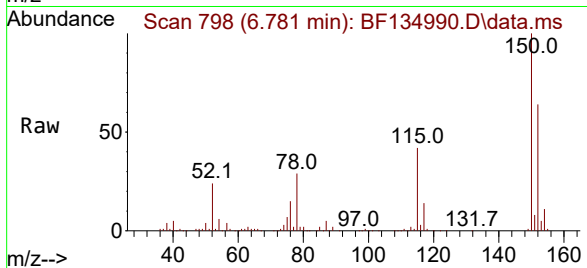




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

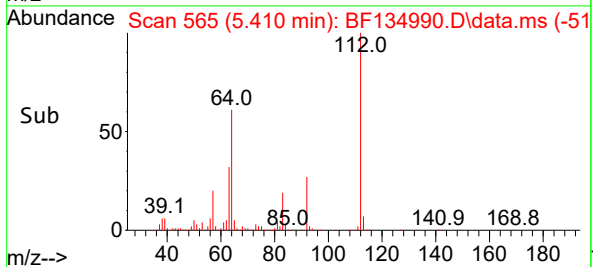
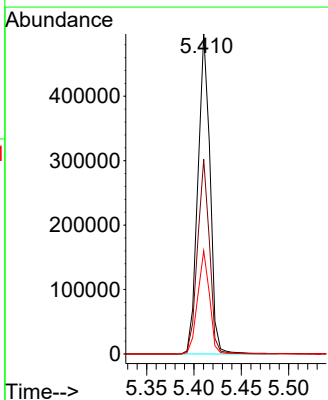
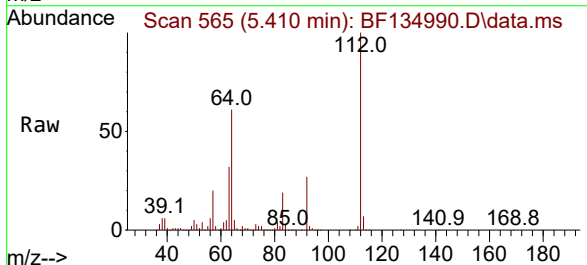
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

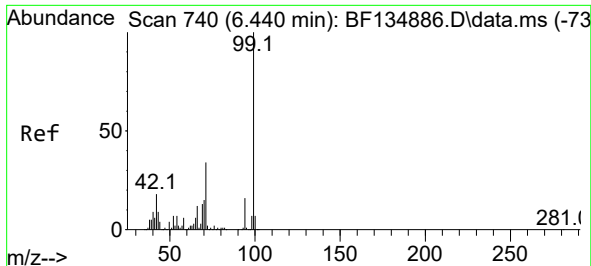
Tgt Ion:152 Resp: 113930
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 65.9 51.1 76.7



#5
2-Fluorophenol
Concen: 62.310 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:112 Resp: 445178
Ion Ratio Lower Upper
112 100
64 60.9 48.6 73.0
63 32.2 25.7 38.5

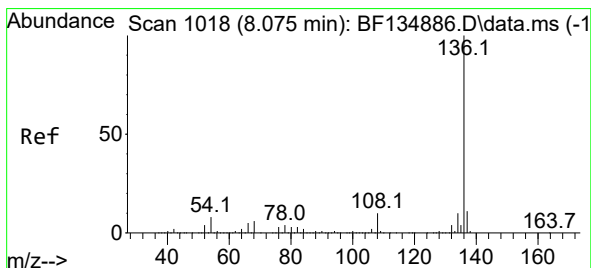
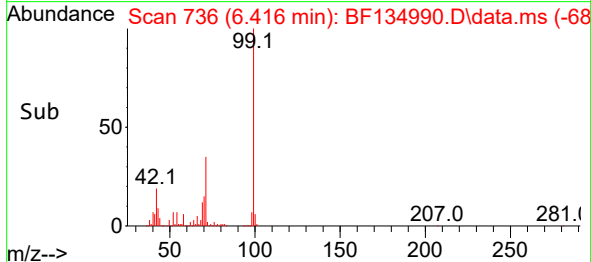
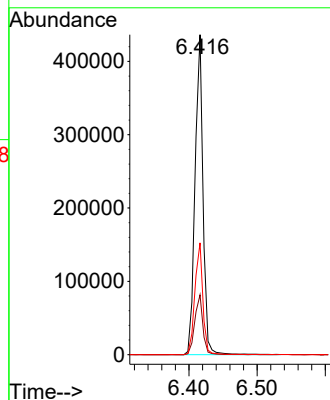
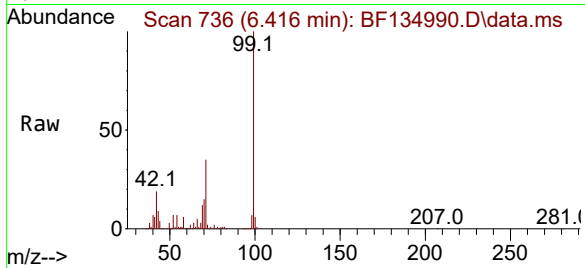




#7
Phenol-d6
Concen: 38.571 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

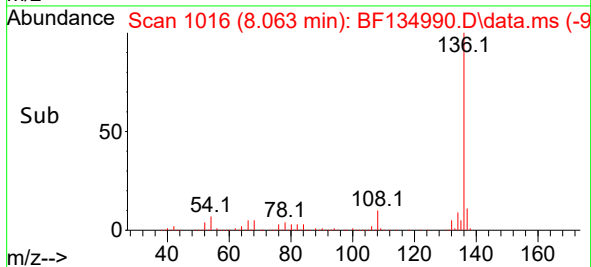
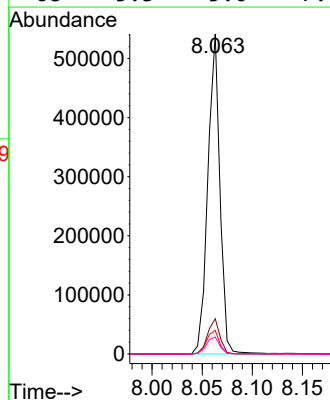
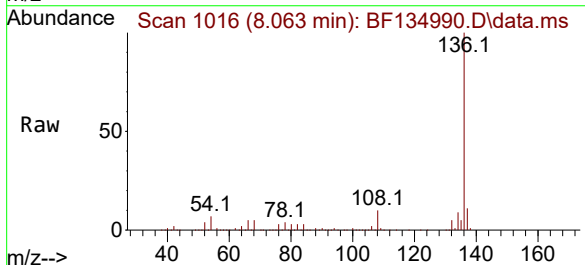
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

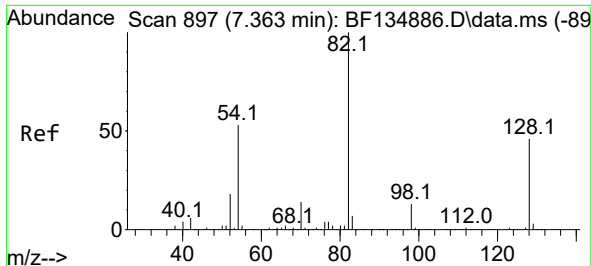
Tgt Ion: 99 Resp: 352125
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 34.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:136 Resp: 456468
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.932 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134990.D

Acq: 29 Aug 2023 18:36

Instrument :

BNA_F

ClientSampleId :

EQ-TANK-DNMPL

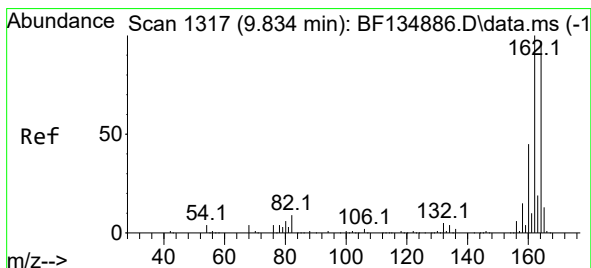
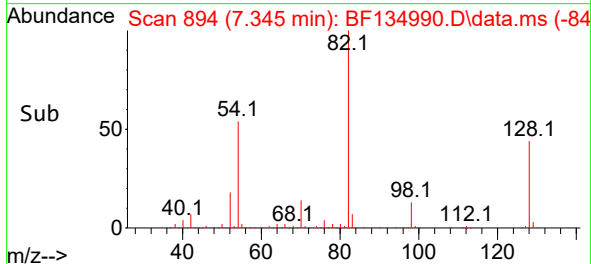
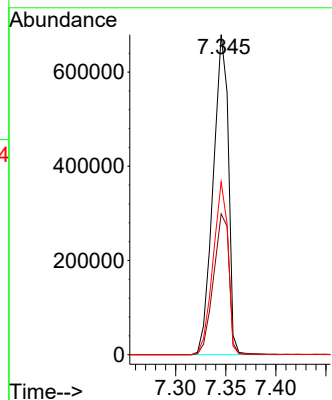
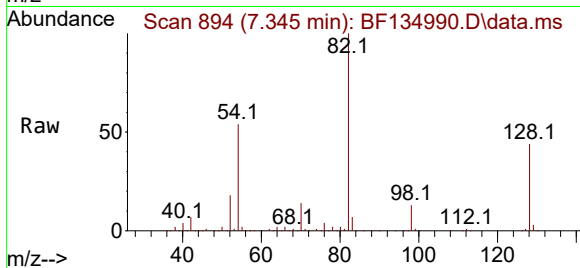
Tgt Ion: 82 Resp: 720128

Ion Ratio Lower Upper

82 100

128 44.0 36.6 54.8

54 54.0 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134990.D

Acq: 29 Aug 2023 18:36

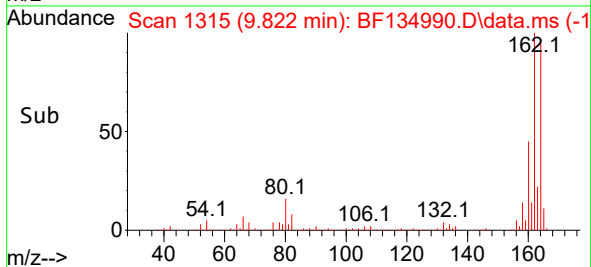
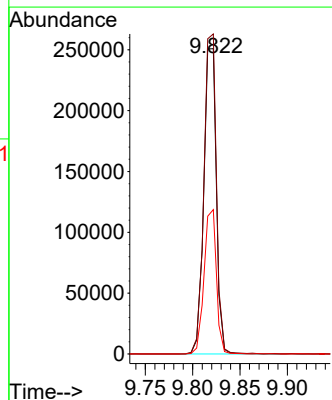
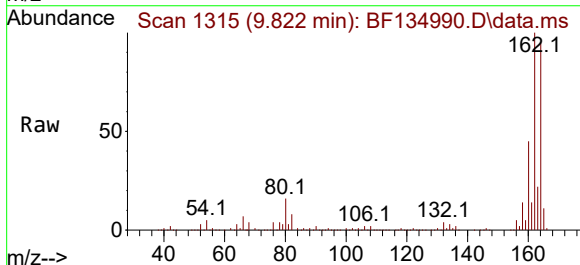
Tgt Ion:164 Resp: 231035

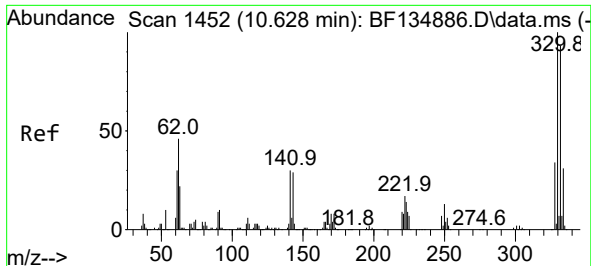
Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 113.554 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134990.D

Acq: 29 Aug 2023 18:36

Instrument :

BNA_F

ClientSampleId :

EQ-TANK-DNMPL

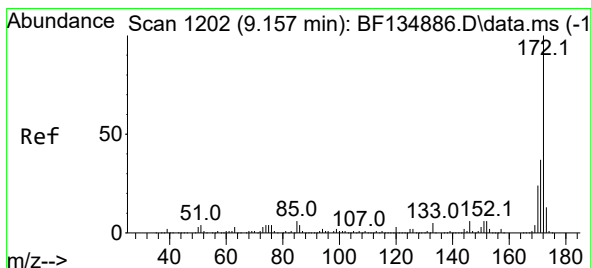
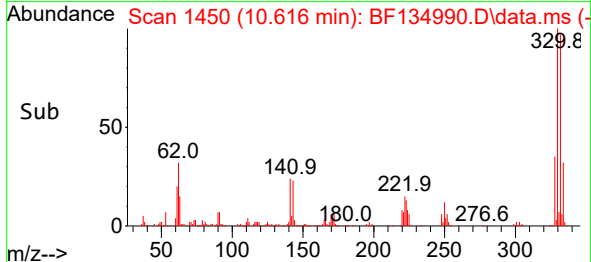
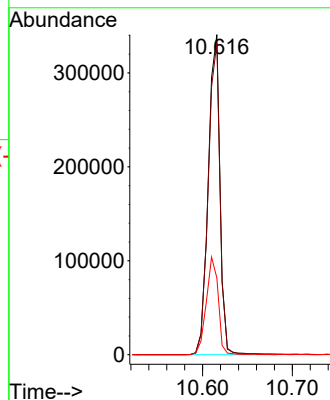
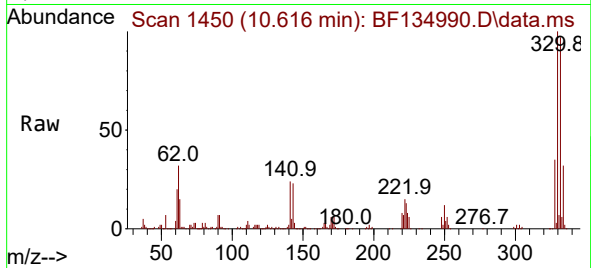
Tgt Ion:330 Resp: 308983

Ion Ratio Lower Upper

330 100

332 97.7 76.3 114.5

141 31.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 87.528 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134990.D

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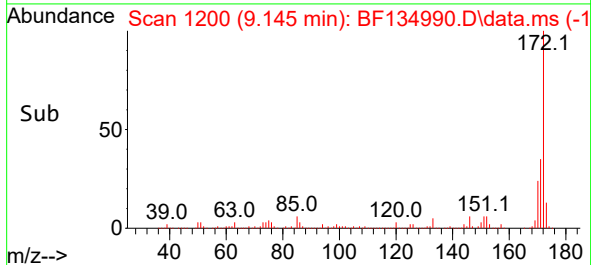
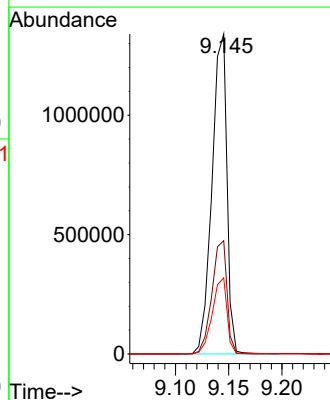
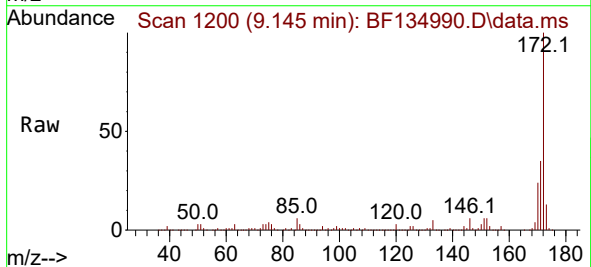
Tgt Ion:172 Resp: 1308107

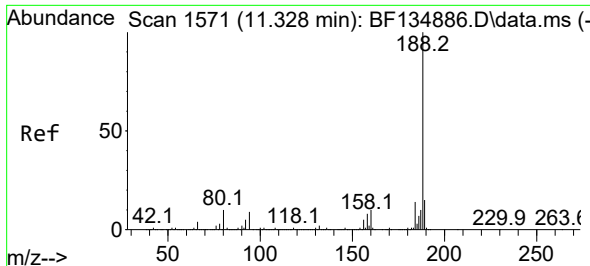
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 23.8 19.6 29.4

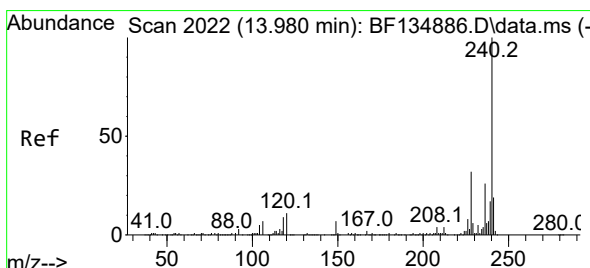
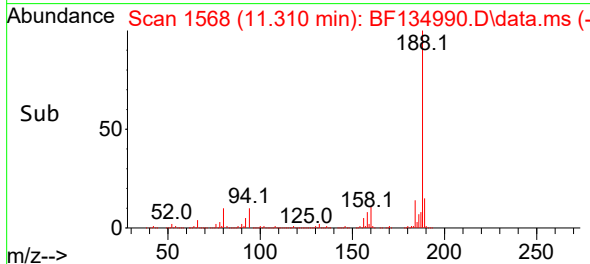
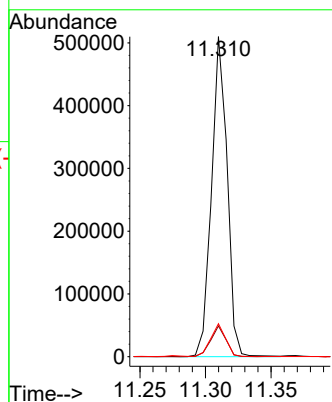
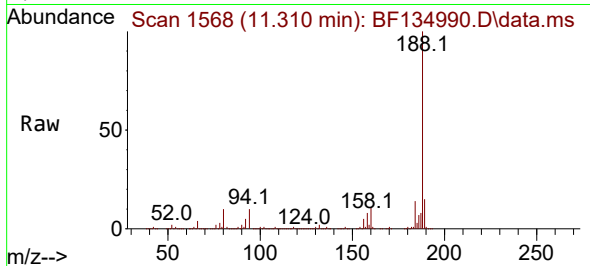




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

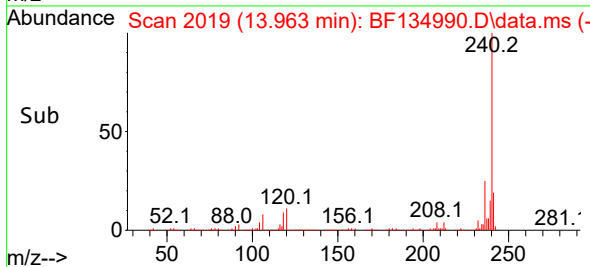
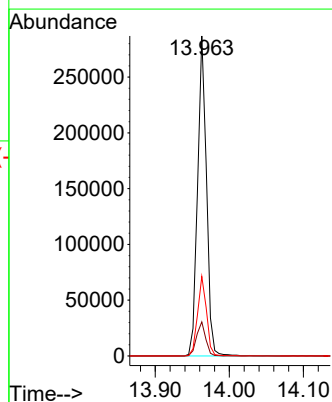
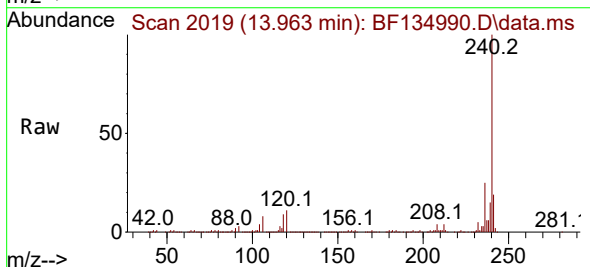
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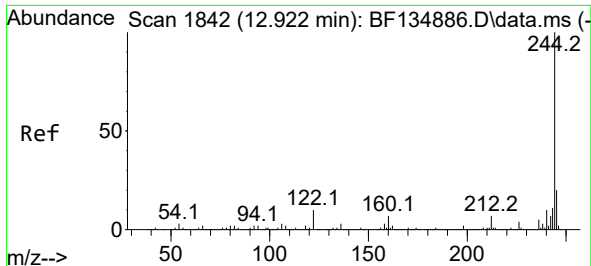
Tgt Ion:188 Resp: 423322
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

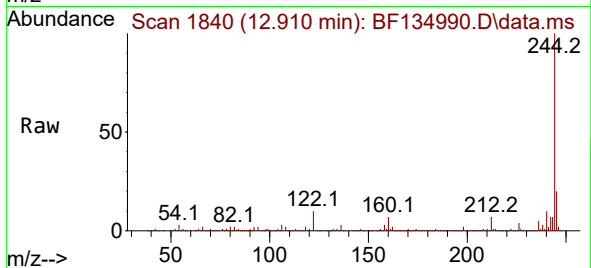
Tgt Ion:240 Resp: 238915
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 24.8 20.6 31.0



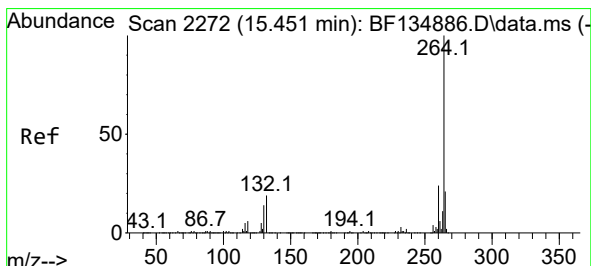
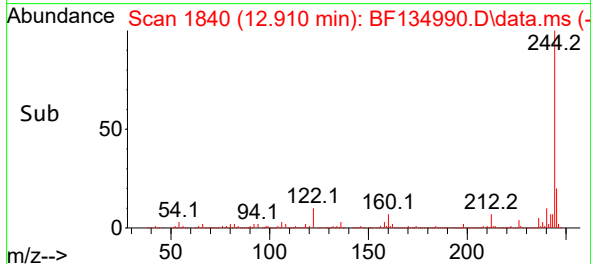
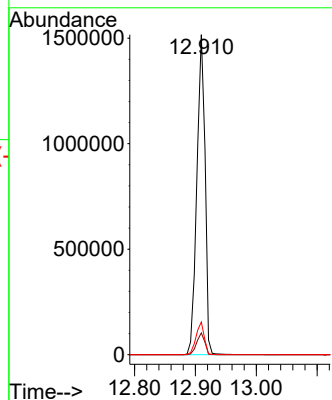


#79
 Terphenyl-d14
 Concen: 81.952 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134990.D
 Acq: 29 Aug 2023 18:36

Instrument :
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Tgt Ion:244 Resp: 1423550
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 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: BF134990.D
 Acq: 29 Aug 2023 18:36

Tgt Ion:264 Resp: 246770
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.6 17.1 25.7

