

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134985.D
 Acq On : 29 Aug 2023 15:45
 Operator : CG\JU
 Sample : PB155081TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155081TB

Quant Time: Aug 29 22:26:50 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	6.786	152	111901	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	450081	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	240034	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	456477	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	234907	20.000	ng	-0.02
86) Perylene-d12	15.433	264	234590	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	896486	127.754	ng	0.00
7) Phenol-d6	6.428	99	1110442	123.840	ng	-0.01
23) Nitrobenzene-d5	7.351	82	710204	86.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	365317	129.224	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1331771	85.770	ng	-0.01
79) Terphenyl-d14	12.915	244	1566788	91.737	ng	0.00

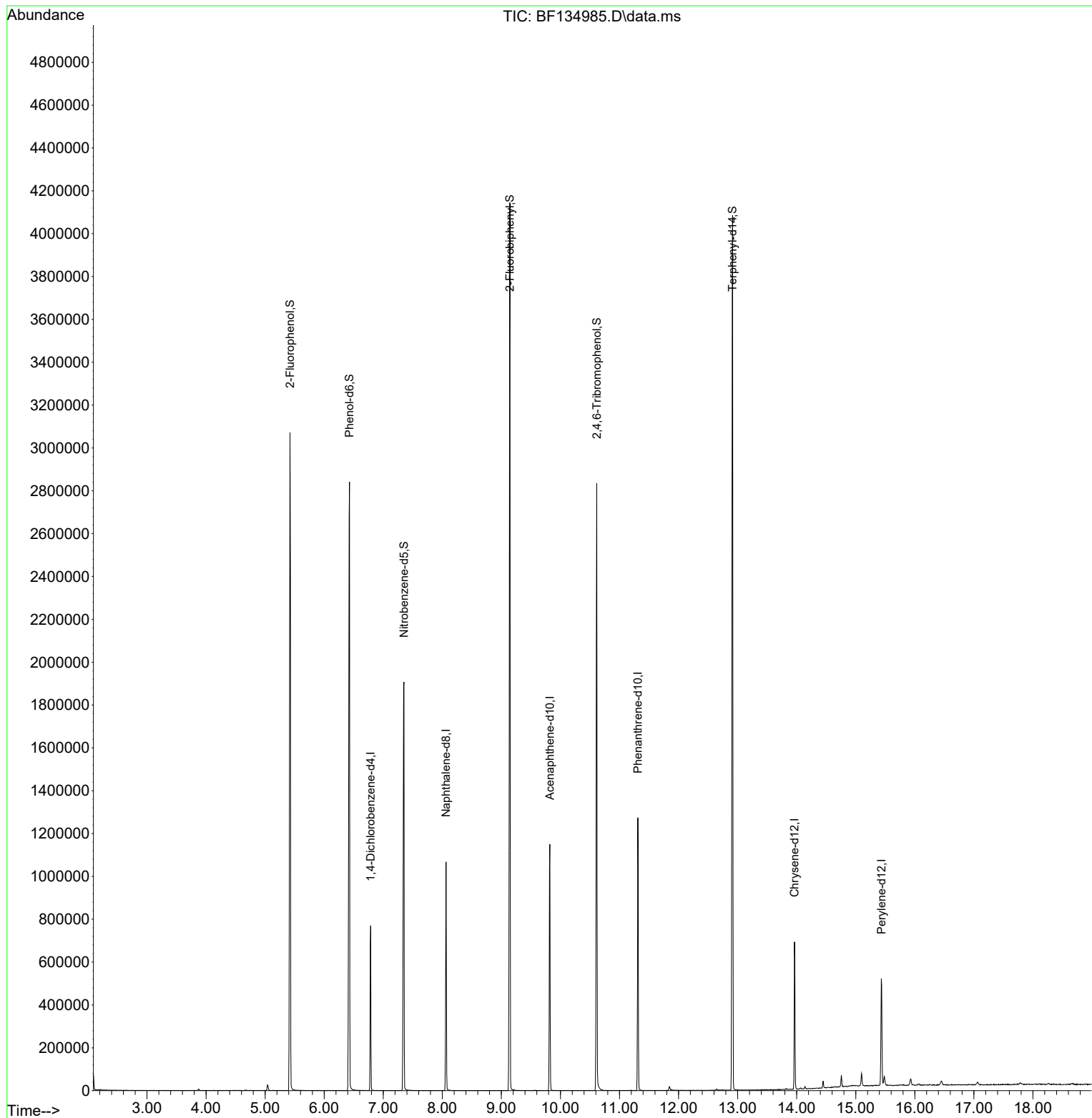
Target Compounds	Qvalue

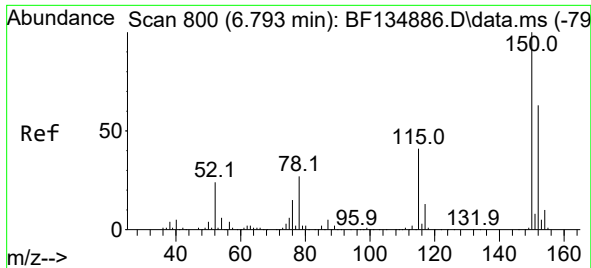
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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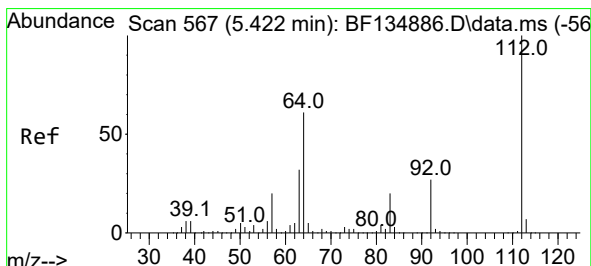
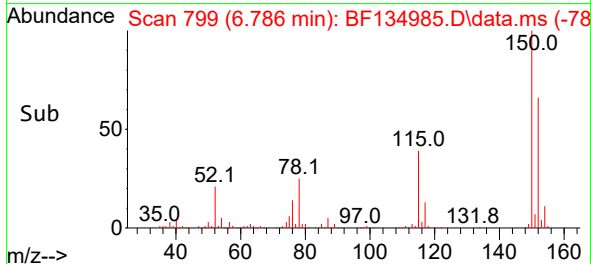
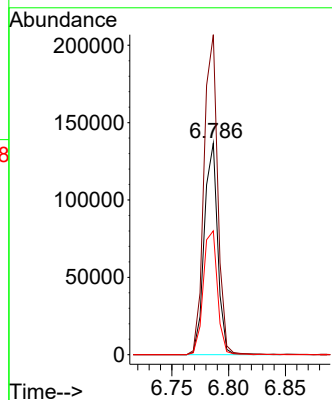
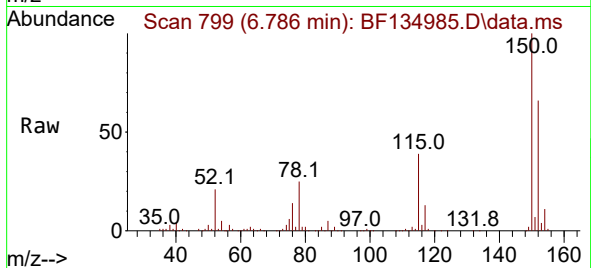




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.007 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

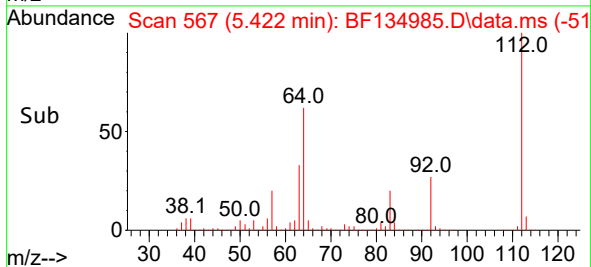
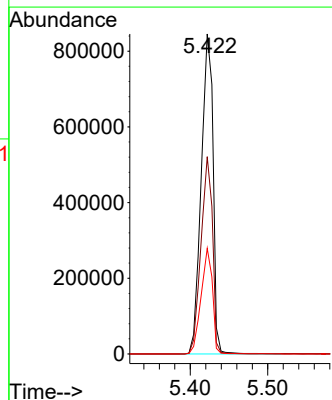
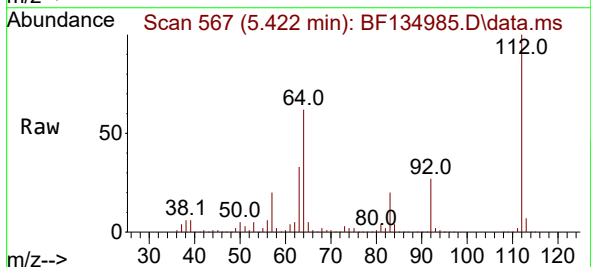
Instrument :
BNA_F
ClientSampleId :
PB155081TB

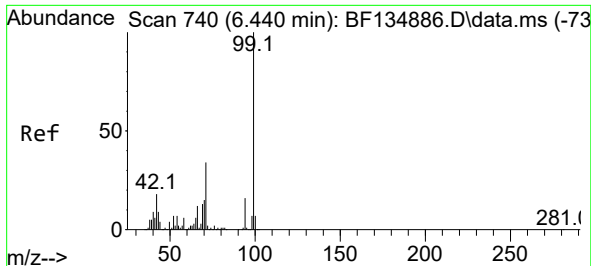
Tgt Ion:152 Resp: 111901
Ion Ratio Lower Upper
152 100
150 151.2 126.1 189.1
115 58.5 51.1 76.7



#5
2-Fluorophenol
Concen: 127.754 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion:112 Resp: 896486
Ion Ratio Lower Upper
112 100
64 61.6 48.6 73.0
63 33.0 25.7 38.5

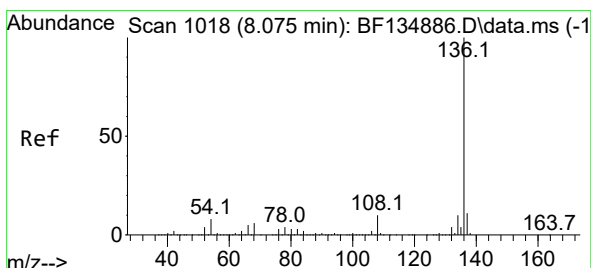
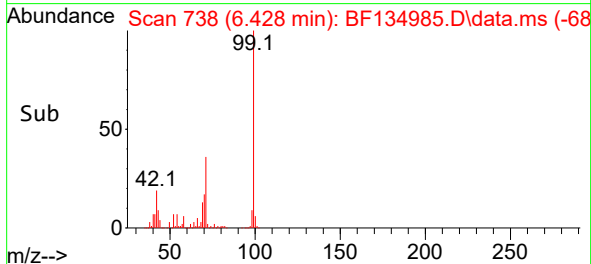
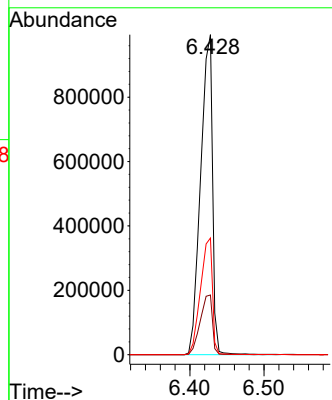
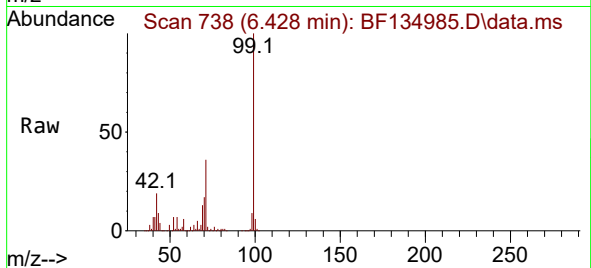




#7
Phenol-d6
Concen: 123.840 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

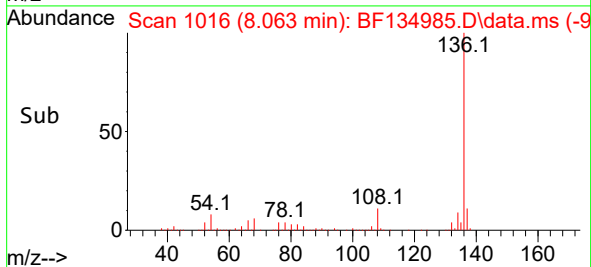
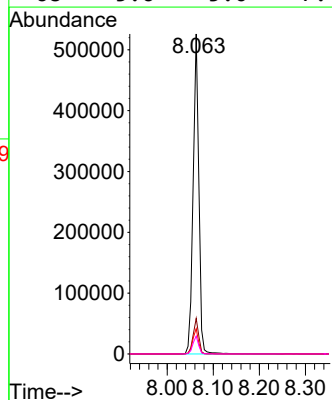
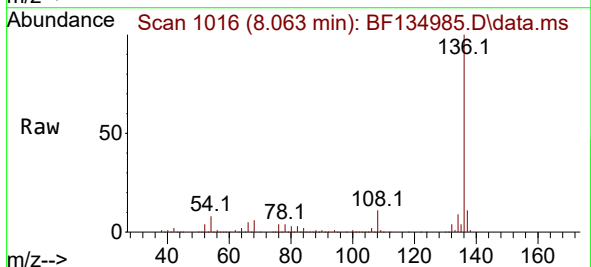
Instrument :
BNA_F
ClientSampleId :
PB155081TB

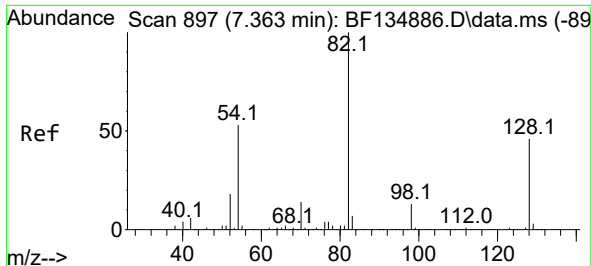
Tgt Ion: 99 Resp: 1110442
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 36.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion: 136 Resp: 450081
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.9 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.950 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155081TB

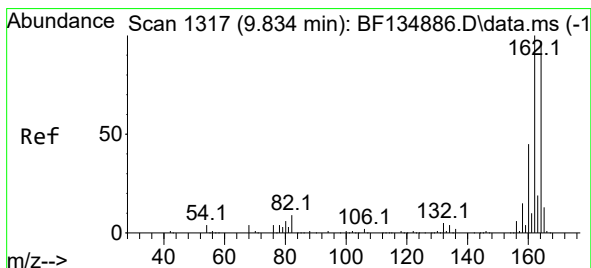
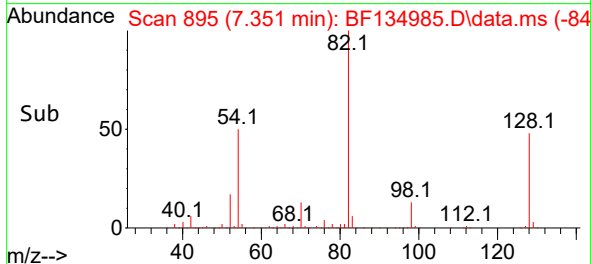
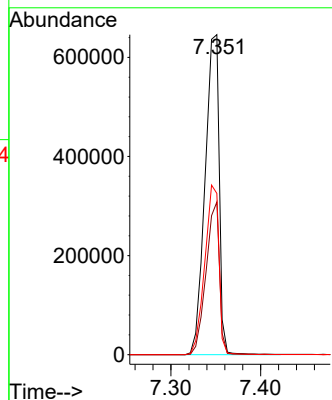
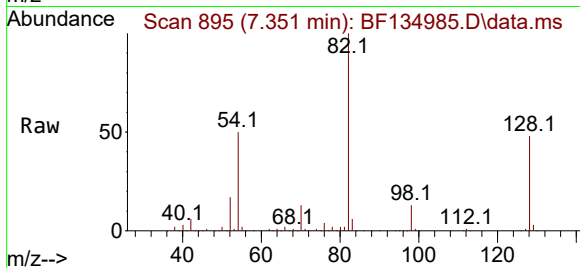
Tgt Ion: 82 Resp: 710204

Ion Ratio Lower Upper

82 100

128 47.7 36.6 54.8

54 50.4 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: BF134985.D

Acq: 29 Aug 2023 15:45

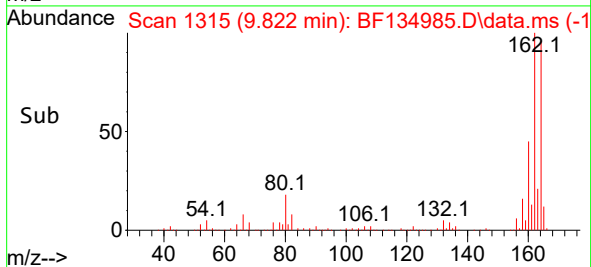
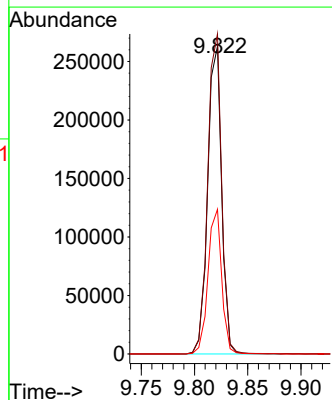
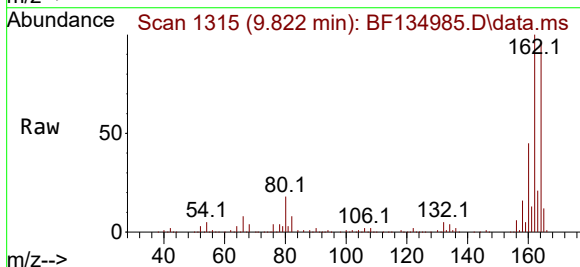
Tgt Ion:164 Resp: 240034

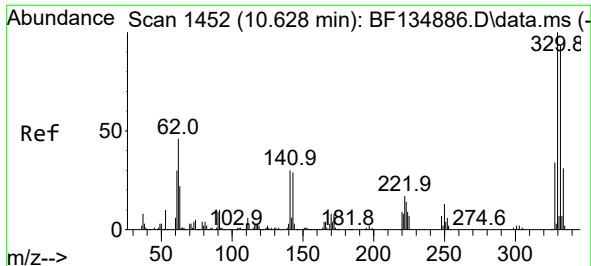
Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

160 47.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 129.224 ng

RT: 10.616 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155081TB

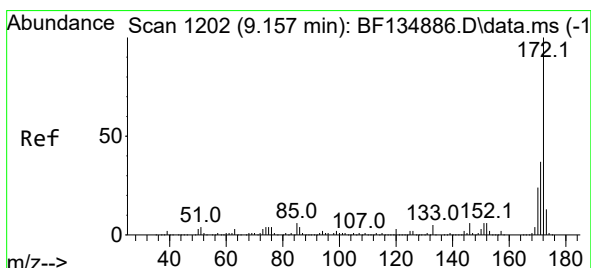
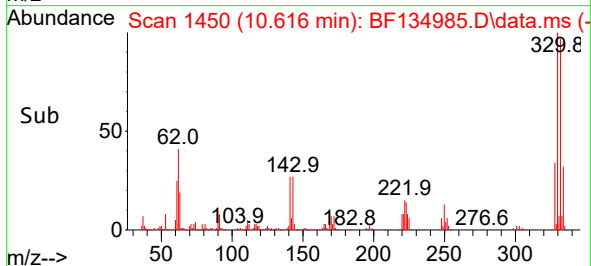
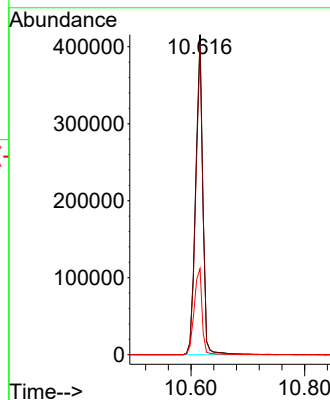
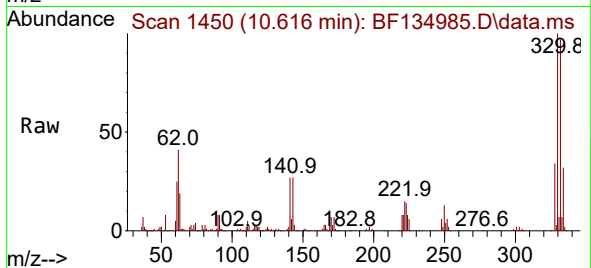
Tgt Ion:330 Resp: 365317

Ion Ratio Lower Upper

330 100

332 96.7 76.3 114.5

141 29.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.770 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

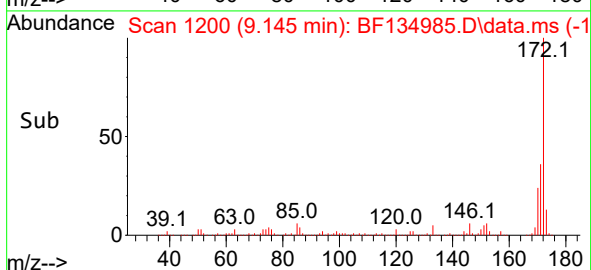
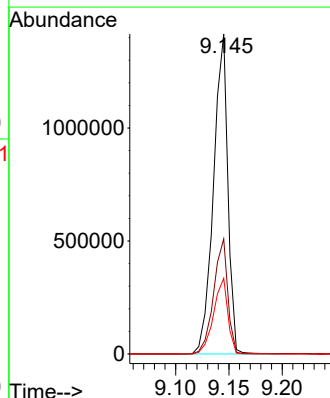
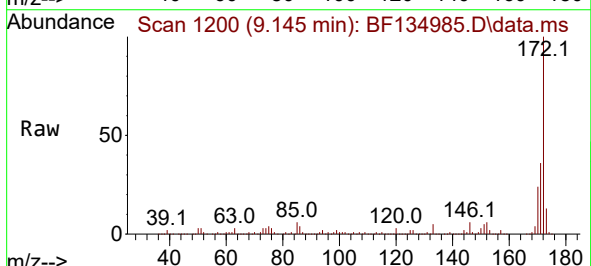
Tgt Ion:172 Resp: 1331771

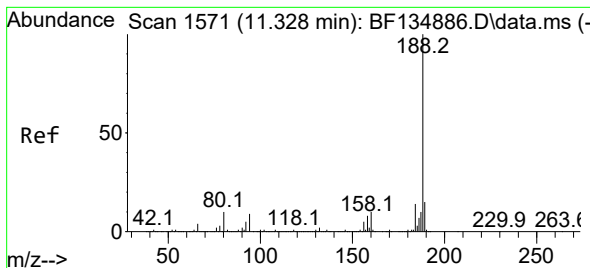
Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 23.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

Instrument :

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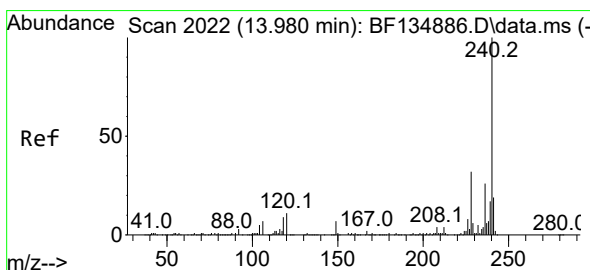
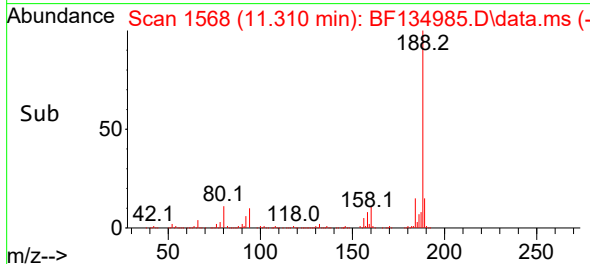
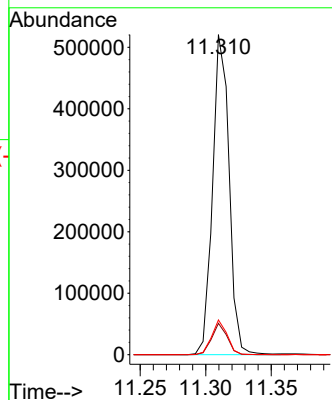
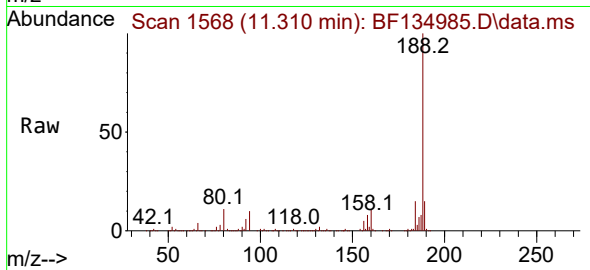
Tgt Ion:188 Resp: 456477

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

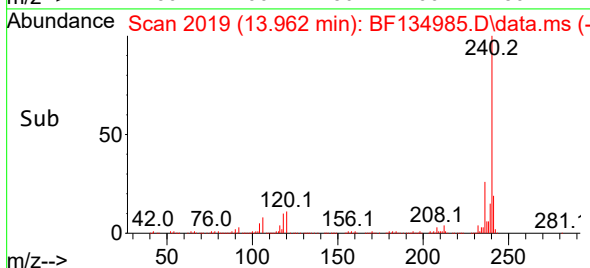
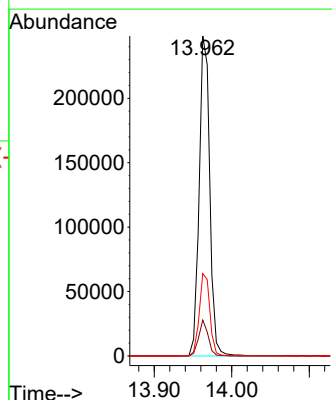
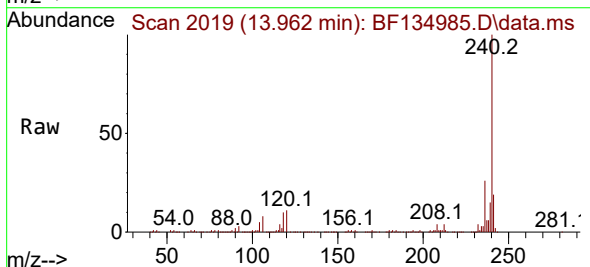
Tgt Ion:240 Resp: 234907

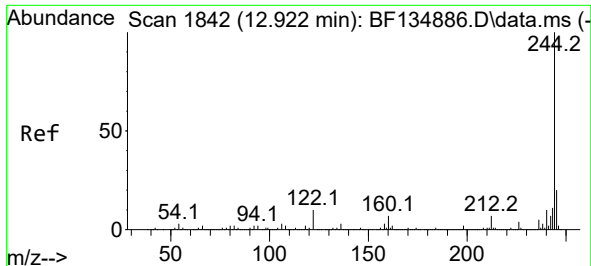
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 25.8 20.6 31.0

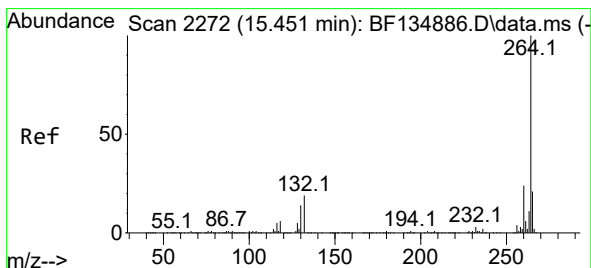
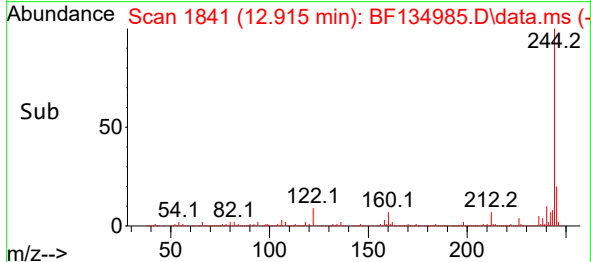
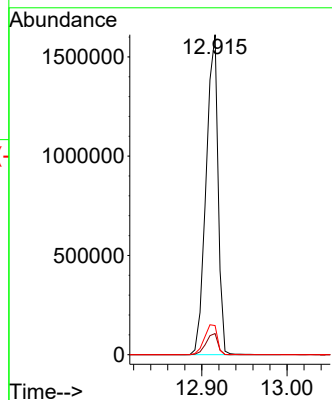
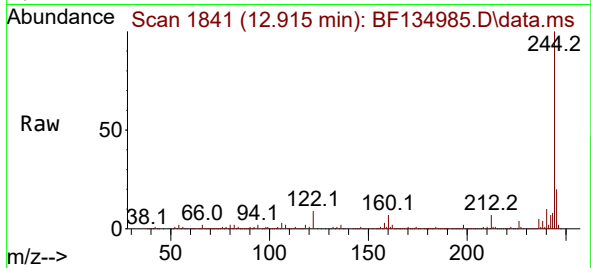




#79
 Terphenyl-d14
 Concen: 91.737 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BF134985.D
 Acq: 29 Aug 2023 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB155081TB

Tgt Ion:244 Resp: 1566788
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.1 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: BF134985.D
 Acq: 29 Aug 2023 15:45

Tgt Ion:264 Resp: 234590
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.1 17.1 25.7

