

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134571.D
 Acq On : 02 Aug 2023 10:20
 Operator : CG\JU
 Sample : 03835-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-072823

Quant Time: Aug 02 10:41:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

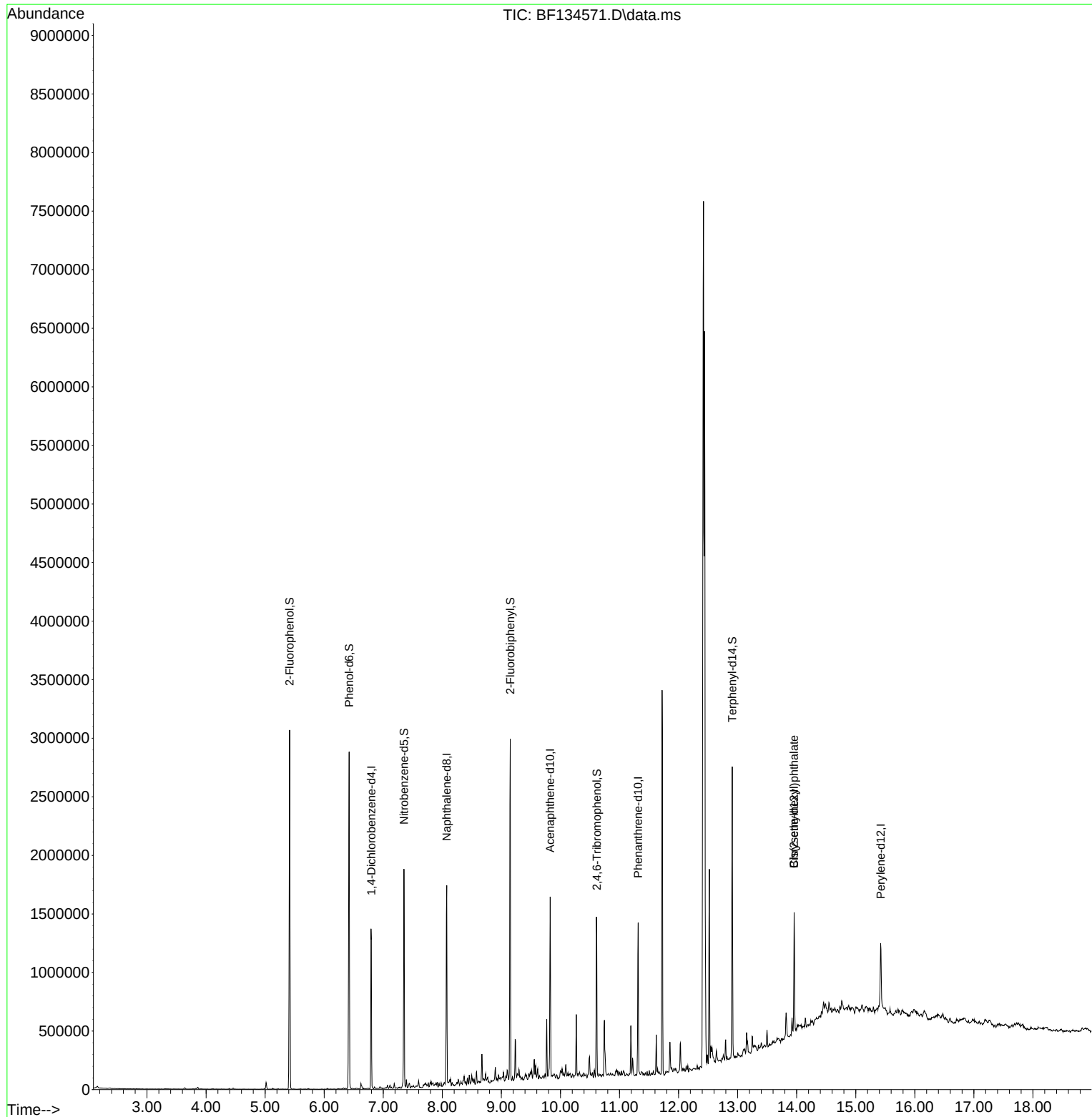
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193730	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680740	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	262015	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	454321	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	299204	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	246342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	768529	60.303	ng	0.00
7) Phenol-d6	6.422	99	942190	57.833	ng	0.00
23) Nitrobenzene-d5	7.351	82	520972	47.826	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	149318	55.904	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	819472	52.002	ng	0.00
79) Terphenyl-d14	12.910	244	789691	46.527	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.957	149	21731	2.109	ng	# 88

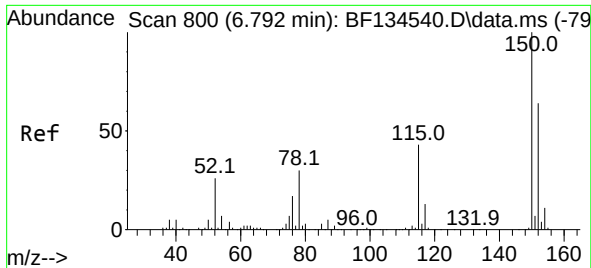
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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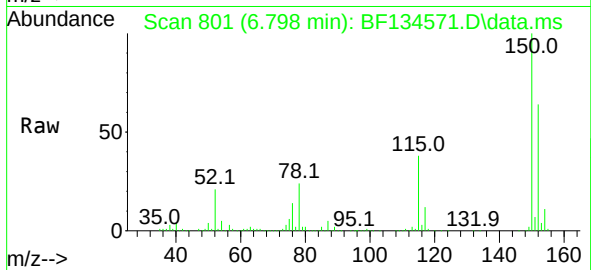
Quant Time: Aug 02 10:41:17 2023
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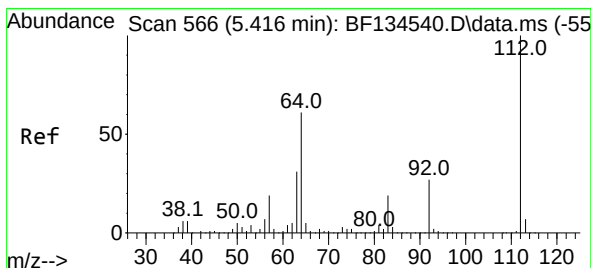
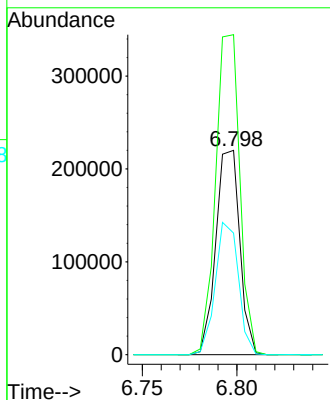
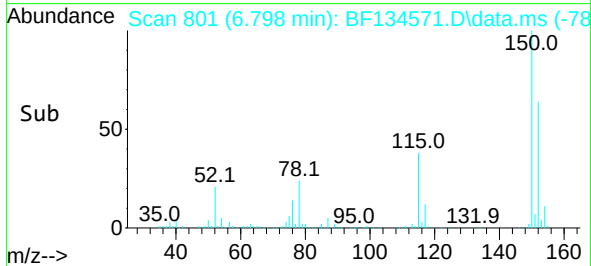


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

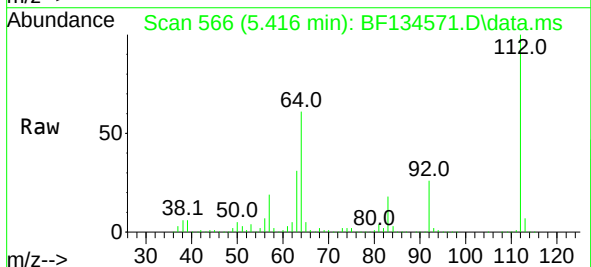
Instrument :
BNA_F
ClientSampleId :
HR-01-072823



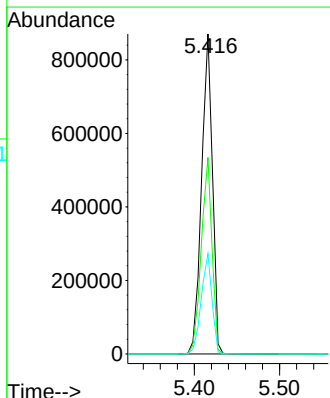
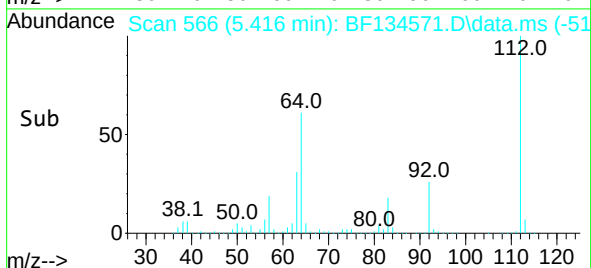
Tgt Ion:152 Resp: 193730
Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 59.6 52.4 78.6

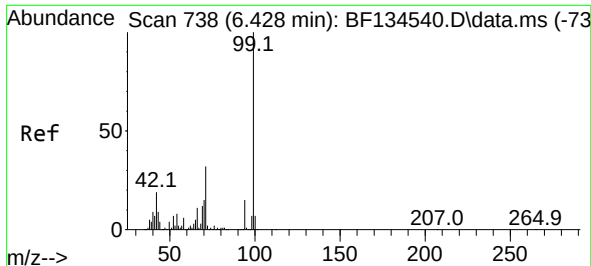


#5
2-Fluorophenol
Concen: 60.303 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20



Tgt Ion:112 Resp: 768529
Ion Ratio Lower Upper
112 100
64 61.4 44.9 67.3
63 31.4 25.4 38.0

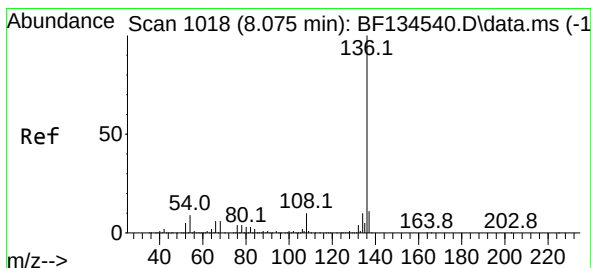
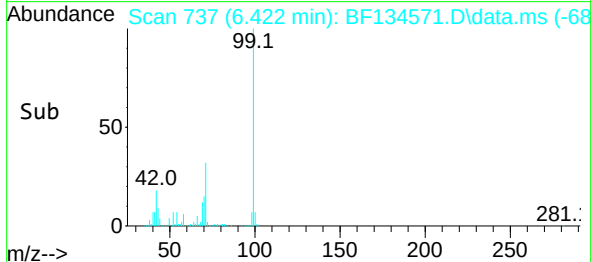
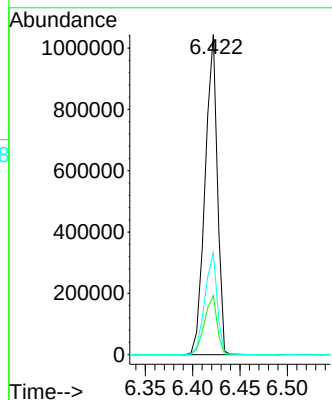
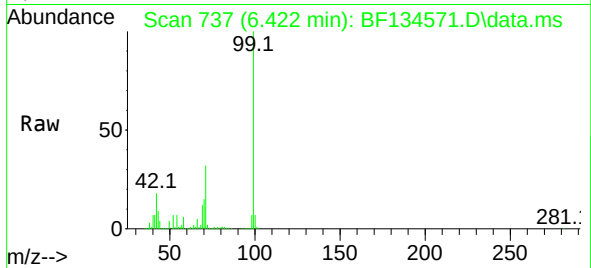




#7
Phenol-d6
Concen: 57.833 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

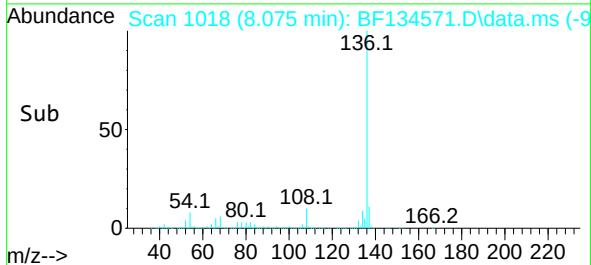
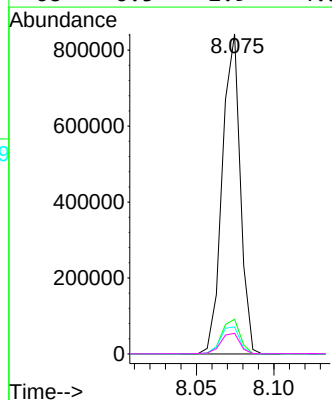
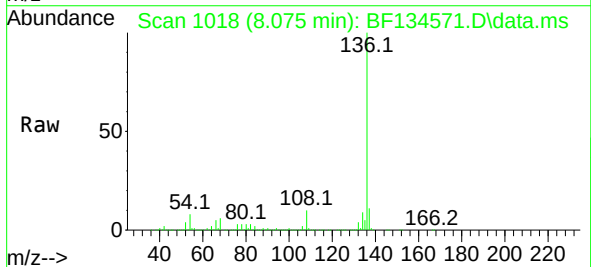
Instrument :
BNA_F
ClientSampleId :
HR-01-072823

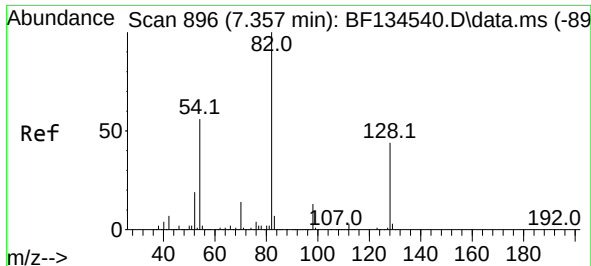
Tgt Ion: 99 Resp: 942190
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 31.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion: 136 Resp: 680740
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 47.826 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

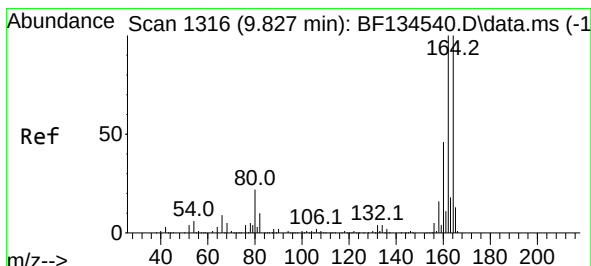
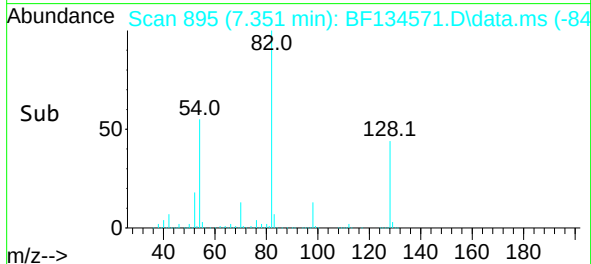
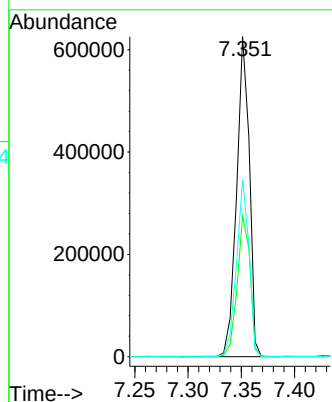
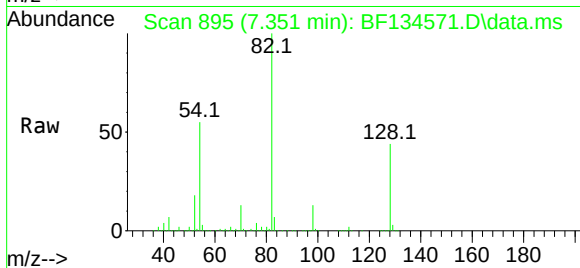
Tgt Ion: 82 Resp: 520972

Ion Ratio Lower Upper

82 100

128 44.0 34.3 51.5

54 55.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

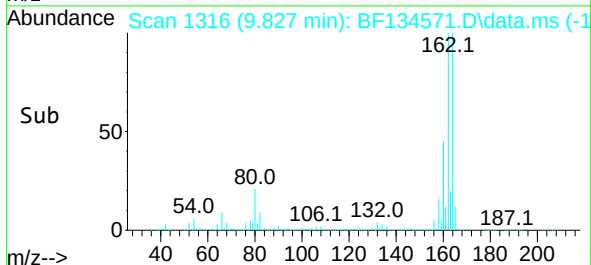
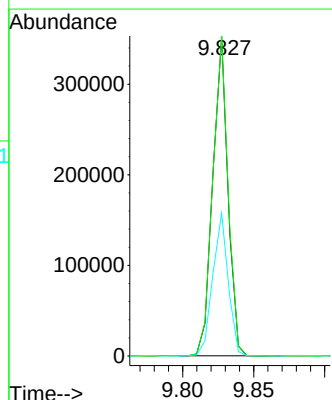
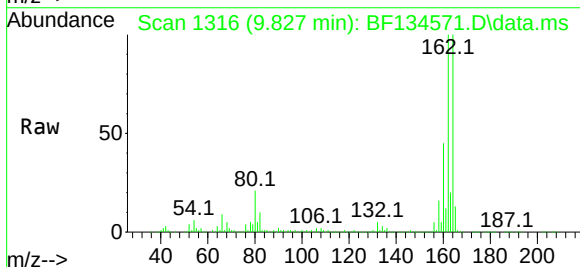
Tgt Ion:164 Resp: 262015

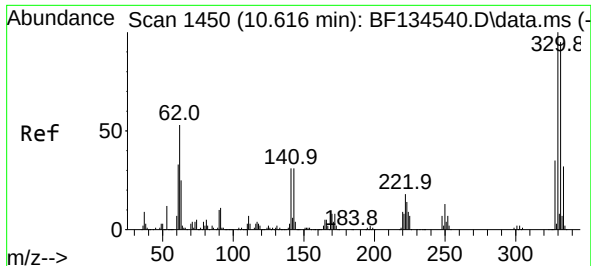
Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

160 44.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 55.904 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134571.D

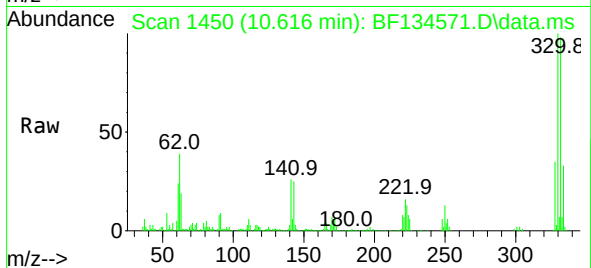
Acq: 02 Aug 2023 10:20

Instrument :

BNA_F

ClientSampleId :

HR-01-072823



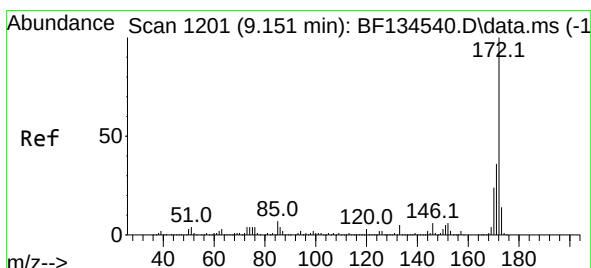
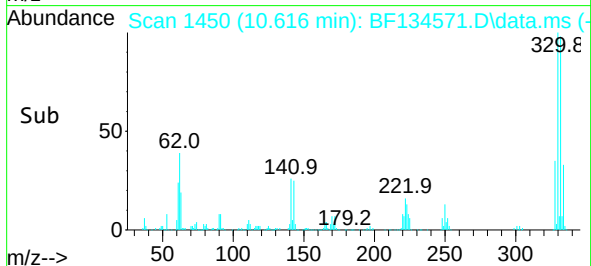
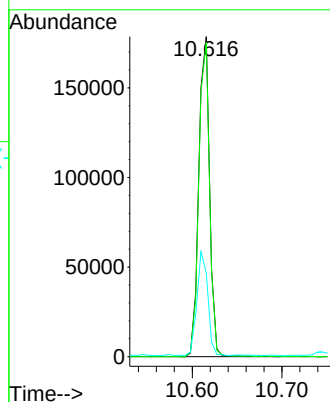
Tgt Ion:330 Resp: 149318

Ion Ratio Lower Upper

330 100

332 97.6 78.8 118.2

141 32.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.002 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

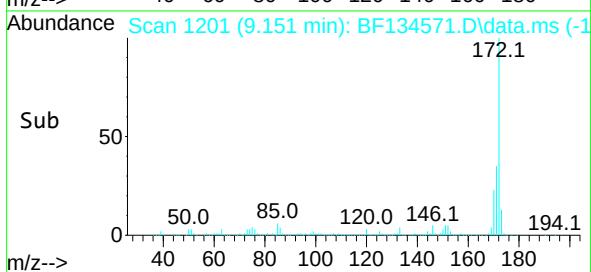
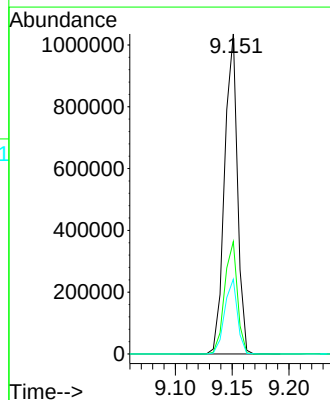
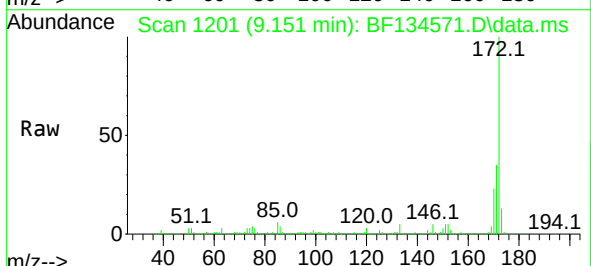
Tgt Ion:172 Resp: 819472

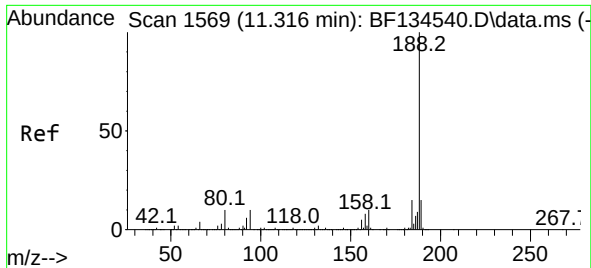
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 18.7 28.1

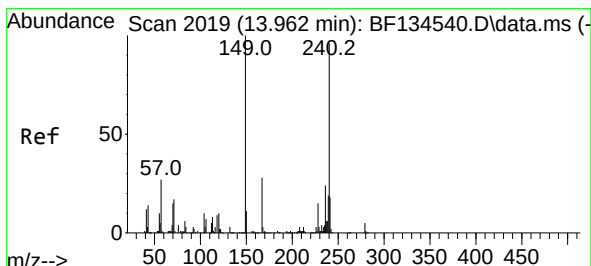
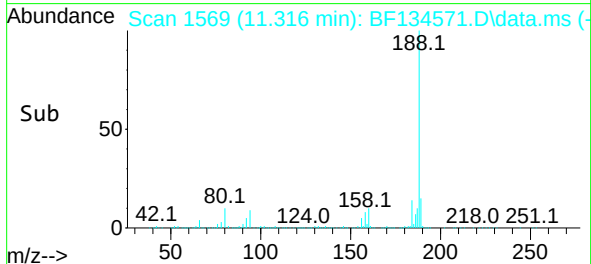
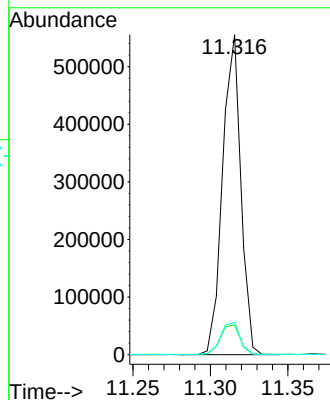
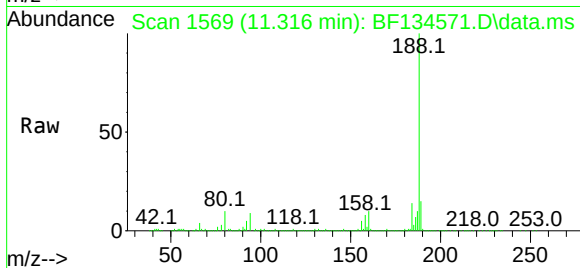




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

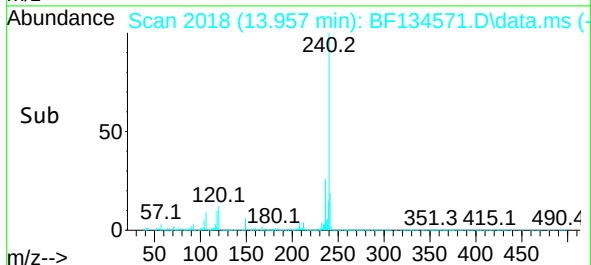
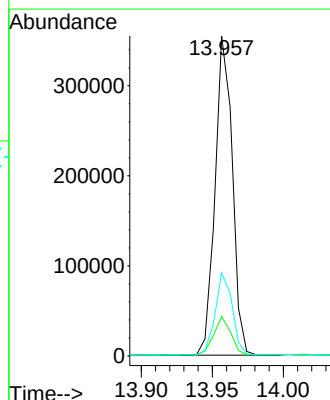
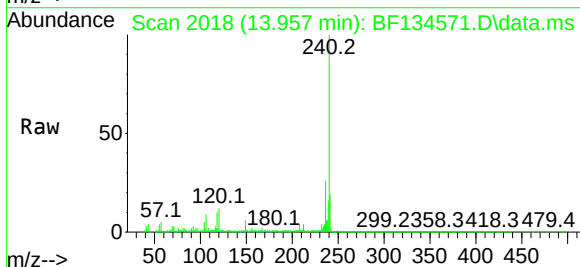
Instrument :
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HR-01-072823

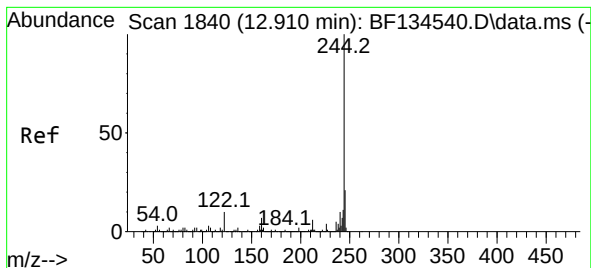
Tgt Ion:188 Resp: 454321
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.2 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Tgt Ion:240 Resp: 299204
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0#
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 46.527 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

Instrument :

BNA_F

ClientSampleId :

HR-01-072823

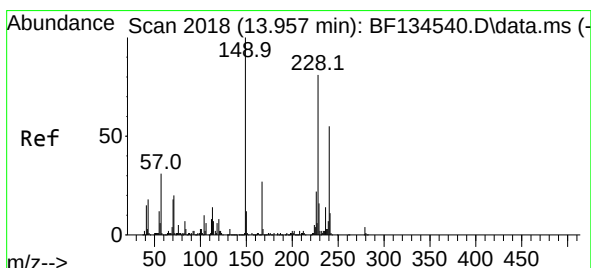
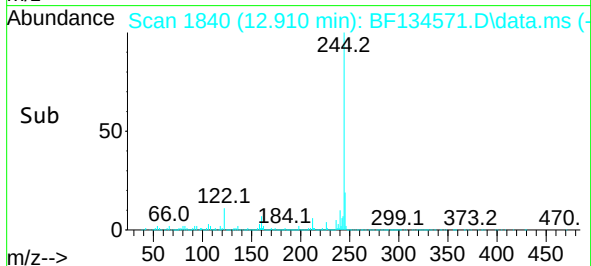
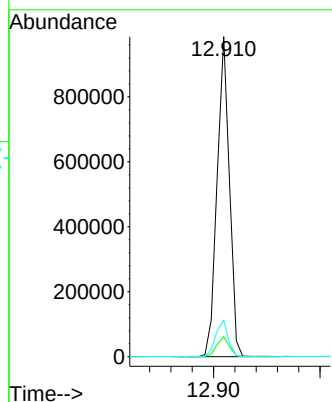
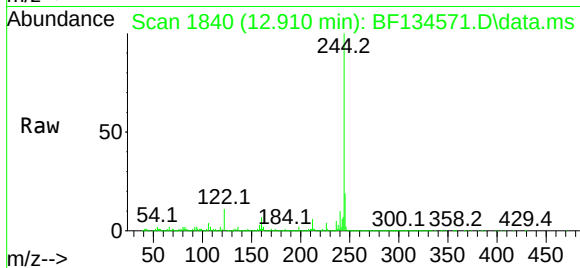
Tgt Ion:244 Resp: 789691

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 11.3 8.0 12.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.109 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134571.D

Acq: 02 Aug 2023 10:20

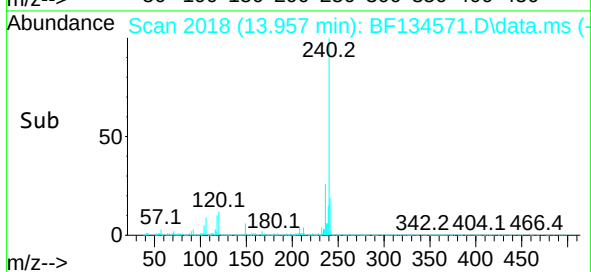
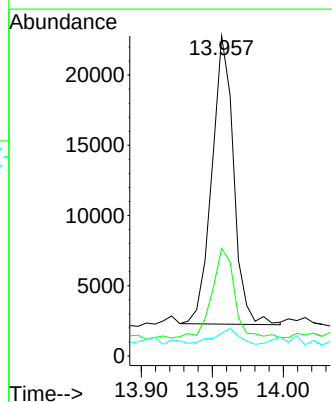
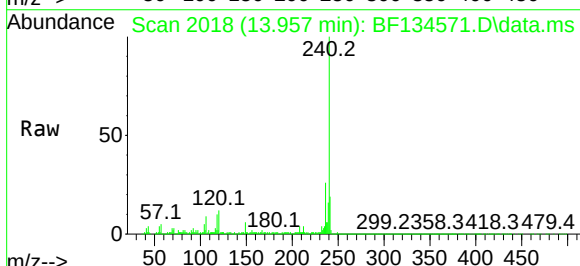
Tgt Ion:149 Resp: 21731

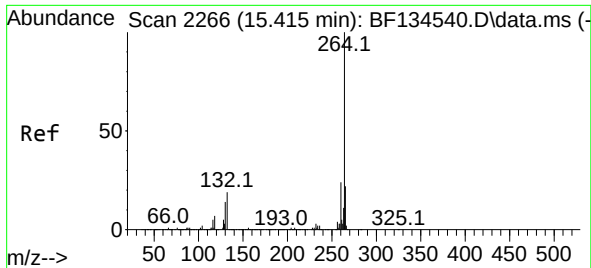
Ion Ratio Lower Upper

149 100

167 33.6 21.6 32.4#

279 7.1 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134571.D
Acq: 02 Aug 2023 10:20

Instrument :
BNA_F
ClientSampleId :
HR-01-072823

Tgt Ion:264 Resp: 246342

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.6	15.8	23.8

