

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134604.D
 Acq On : 03 Aug 2023 11:28
 Operator : CG\JU
 Sample : 03715-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Aug 04 01:05:36 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)

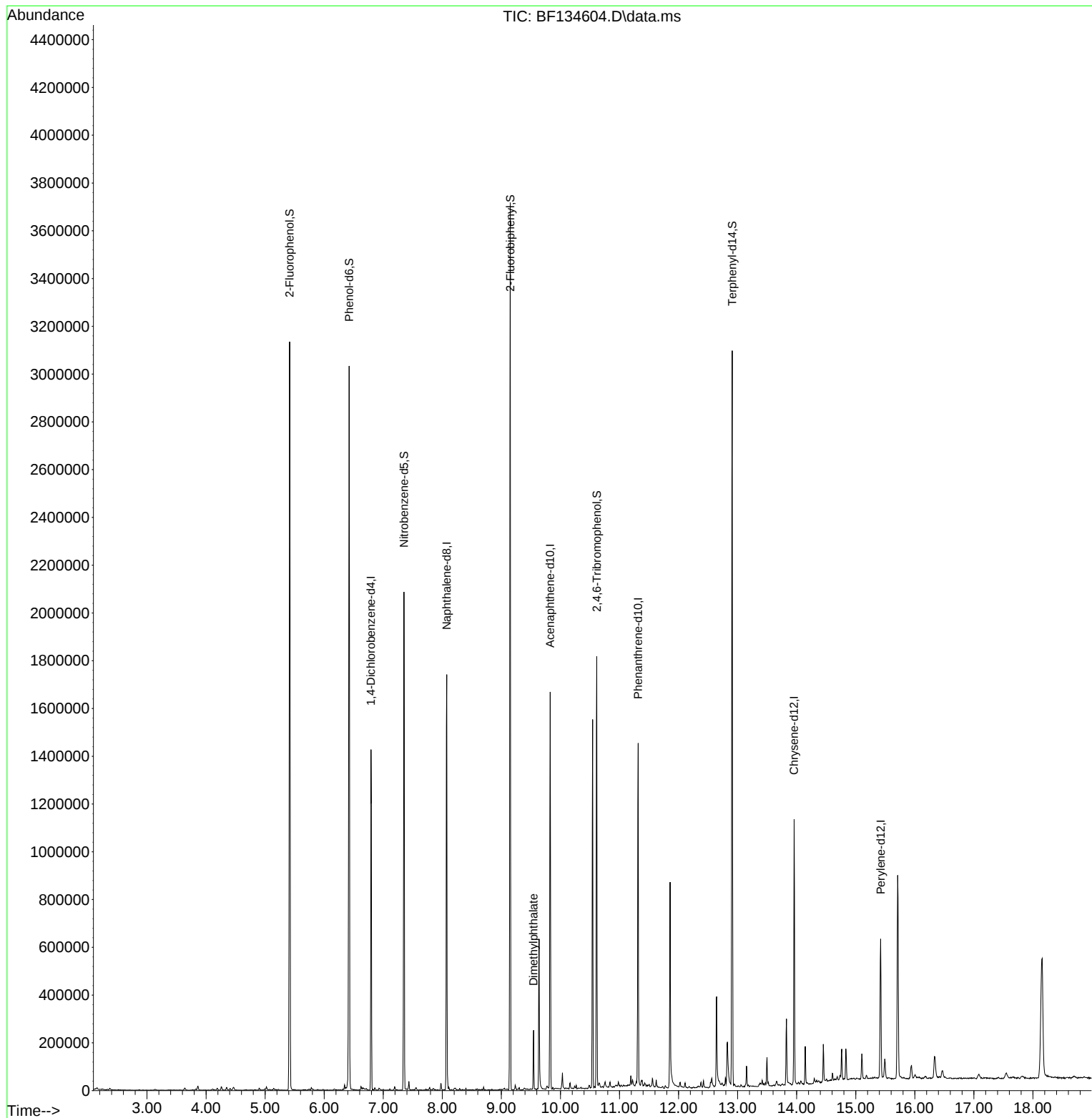
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	197357	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	713805	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	294274	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	488278	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	339109	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	262570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	825339	63.570	ng	0.00
7) Phenol-d6	6.422	99	1046482	63.054	ng	0.00
23) Nitrobenzene-d5	7.351	82	602446	52.743	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	203297	67.769	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1034899	58.473	ng	0.00
79) Terphenyl-d14	12.910	244	1049932	54.581	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.545	163	82754	4.126	ng	Qvalue 99

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

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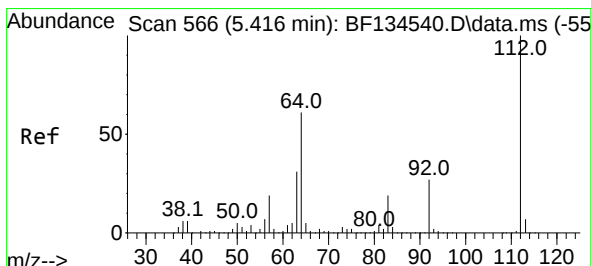
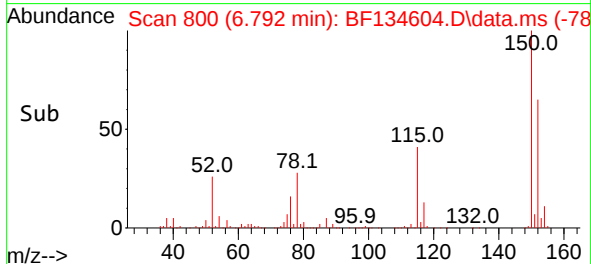
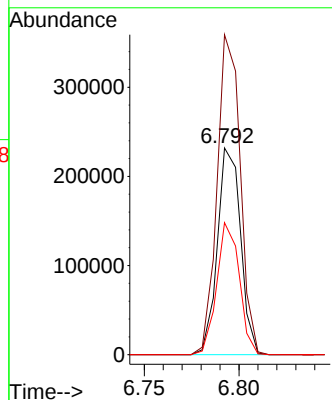
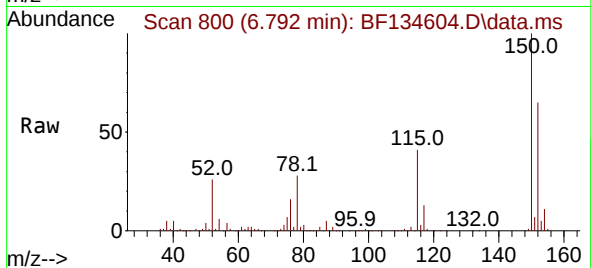




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

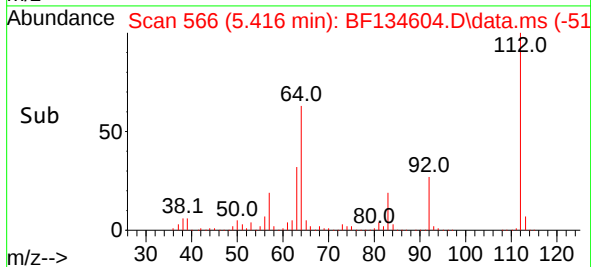
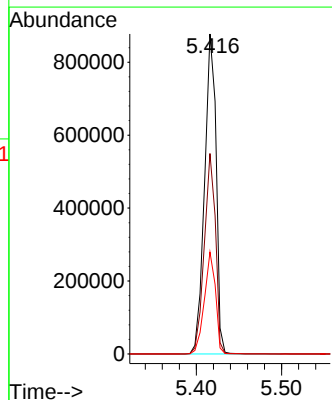
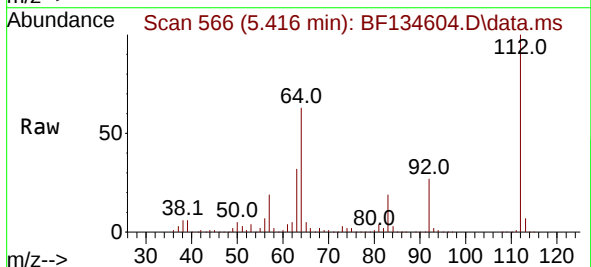
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:152 Resp: 197357
Ion Ratio Lower Upper
152 100
150 154.8 128.3 192.5
115 63.9 52.4 78.6



#5
2-Fluorophenol
Concen: 63.570 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

Tgt Ion:112 Resp: 825339
Ion Ratio Lower Upper
112 100
64 62.7 44.9 67.3
63 31.9 25.4 38.0

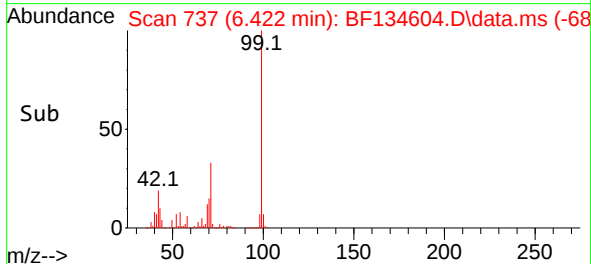
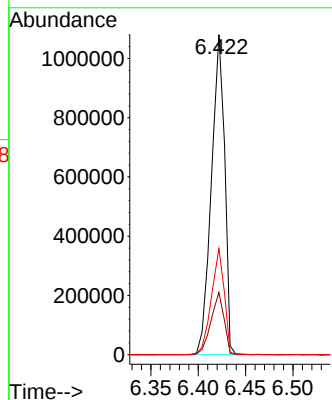
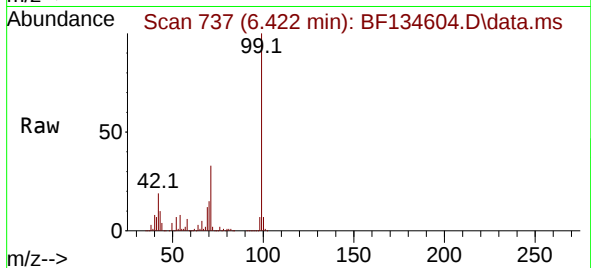




#7
Phenol-d6
Concen: 63.054 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

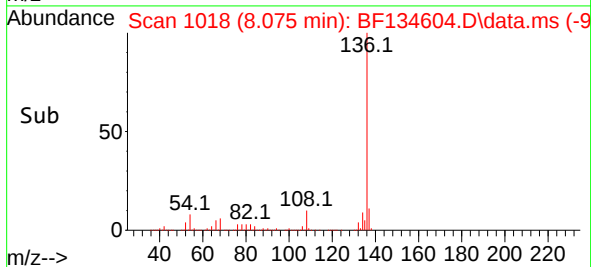
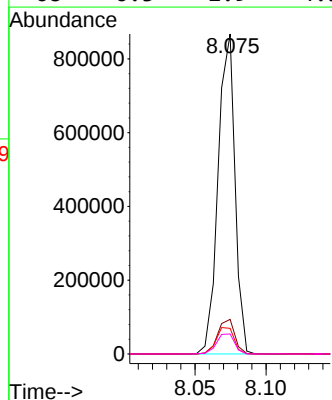
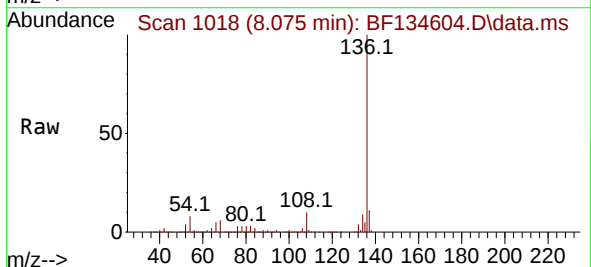
Instrument :
BNA_F
ClientSampleId :
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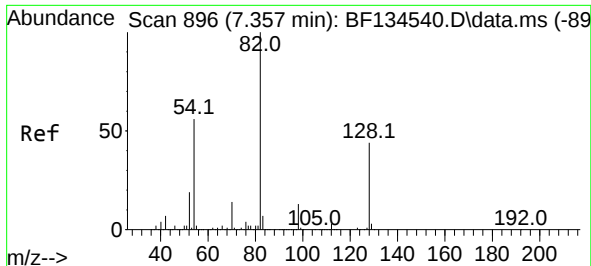
Tgt Ion: 99 Resp: 1046482
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 33.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 136 Resp: 713805
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.0 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 52.743 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134604.D

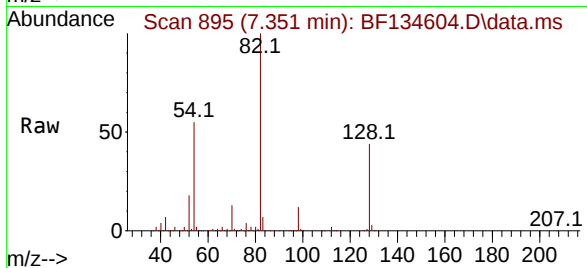
Acq: 03 Aug 2023 11:28

Instrument :

BNA_F

ClientSampleId :

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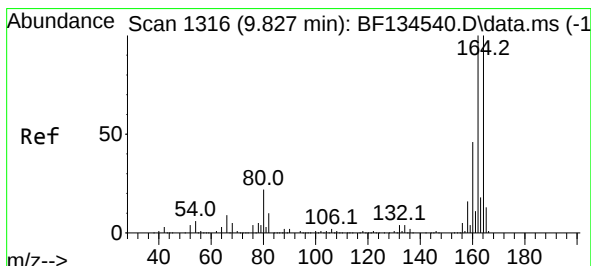
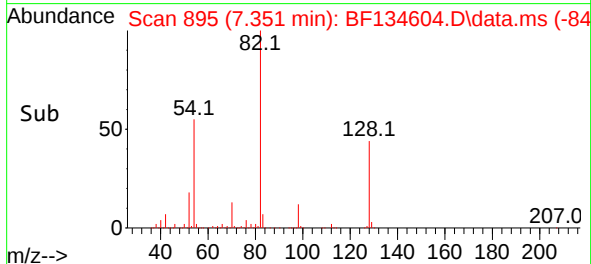
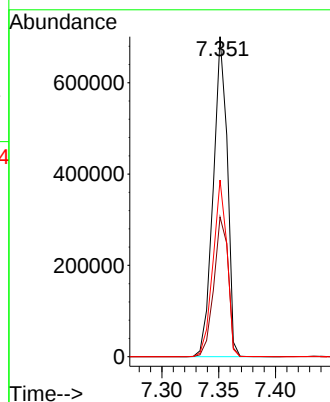
Tgt Ion: 82 Resp: 602446

Ion Ratio Lower Upper

82 100

128 43.7 34.3 51.5

54 55.2 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: BF134604.D

Acq: 03 Aug 2023 11:28

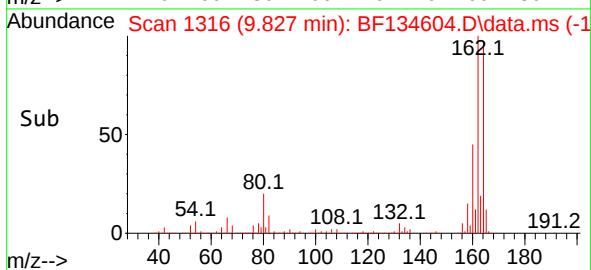
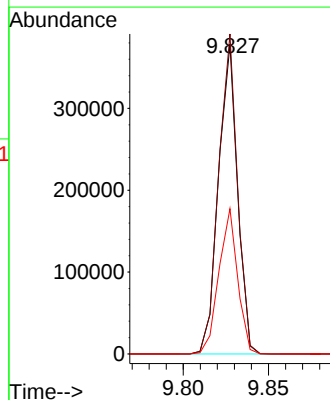
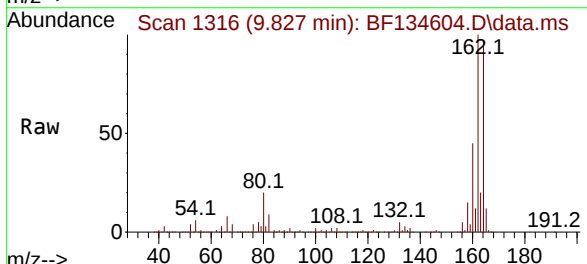
Tgt Ion:164 Resp: 294274

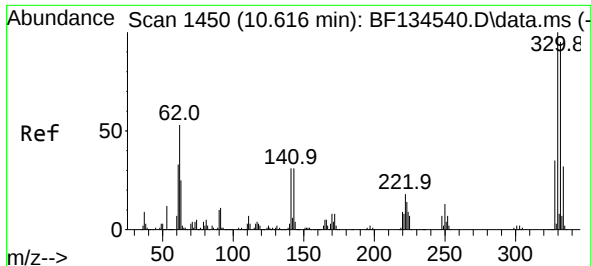
Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

160 46.9 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 67.769 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134604.D

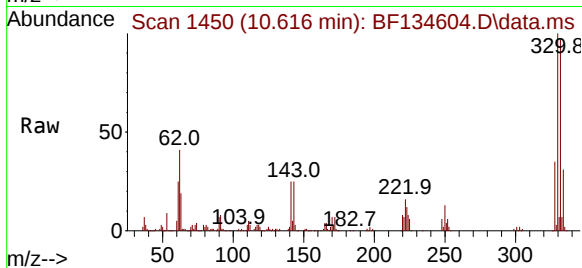
Acq: 03 Aug 2023 11:28

Instrument :

BNA_F

ClientSampleId :

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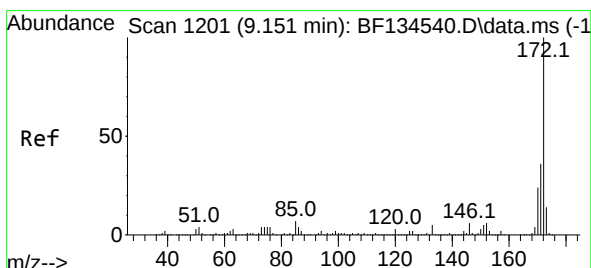
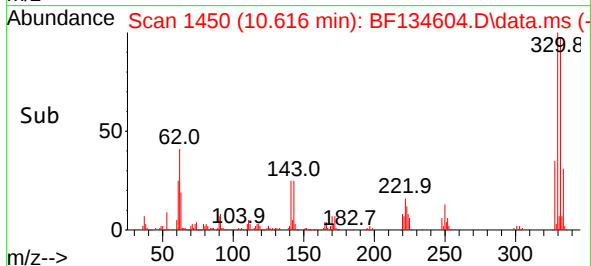
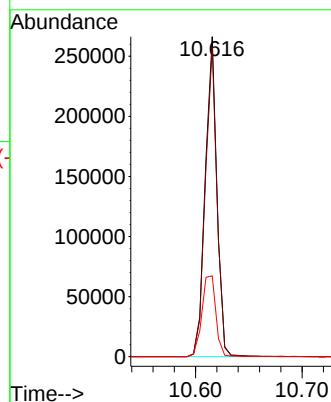
Tgt Ion:330 Resp: 203297

Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 30.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 58.473 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134604.D

Acq: 03 Aug 2023 11:28

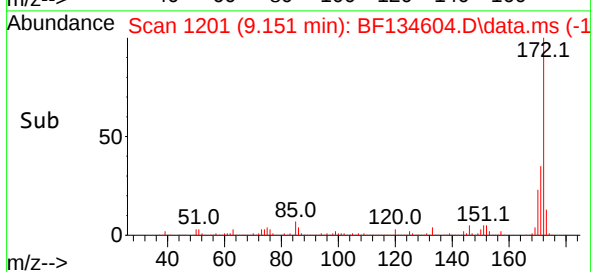
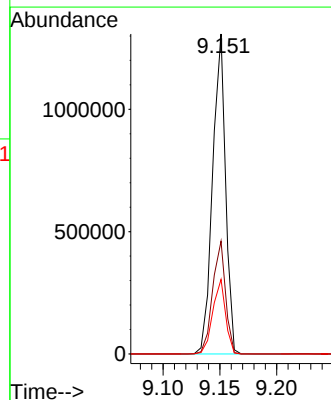
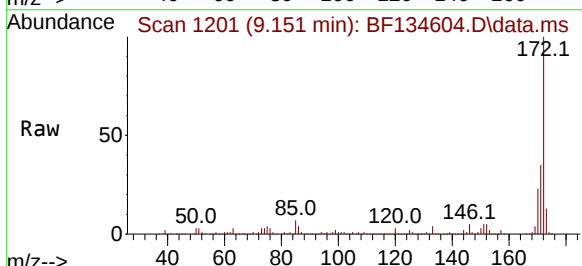
Tgt Ion:172 Resp: 1034899

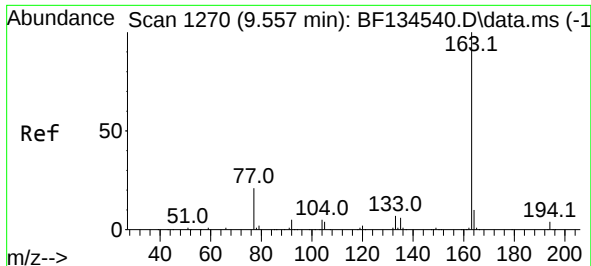
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 18.7 28.1

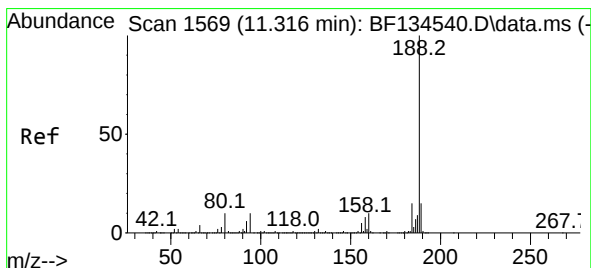
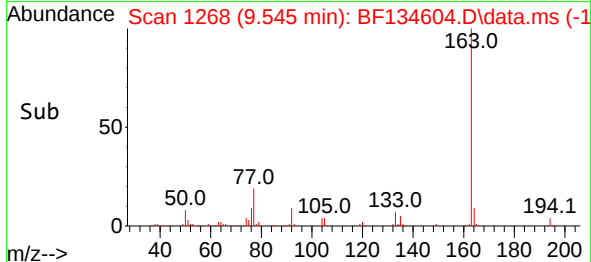
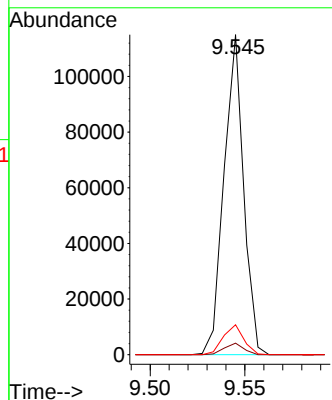
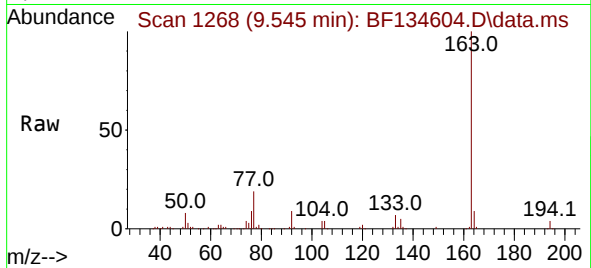




#50
Dimethylphthalate
Concen: 4.126 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

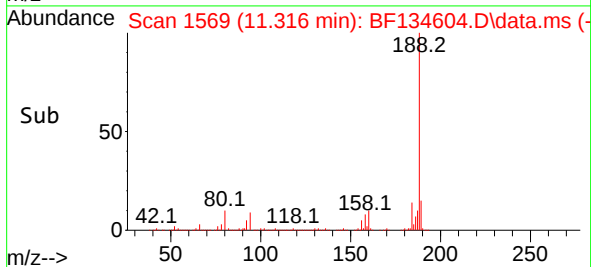
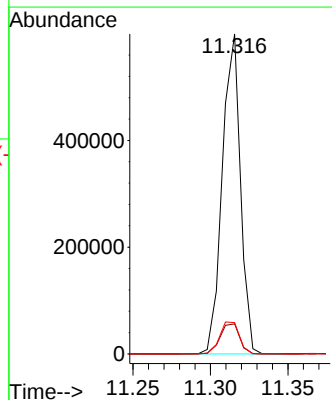
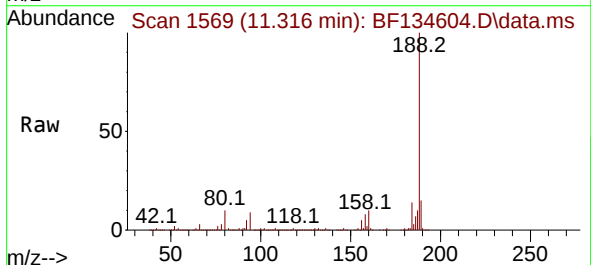
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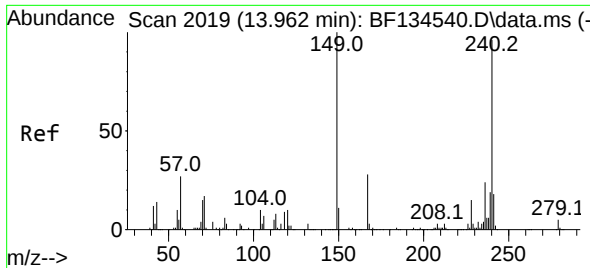
Tgt Ion:163 Resp: 82754
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.4 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

Tgt Ion:188 Resp: 488278
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 9.8 6.6 9.8

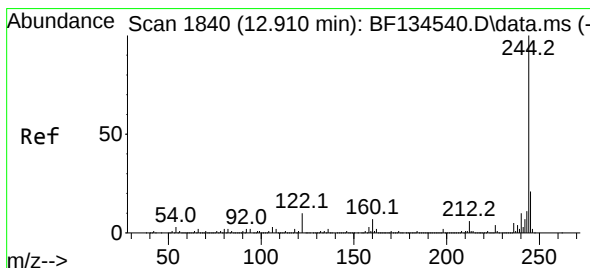
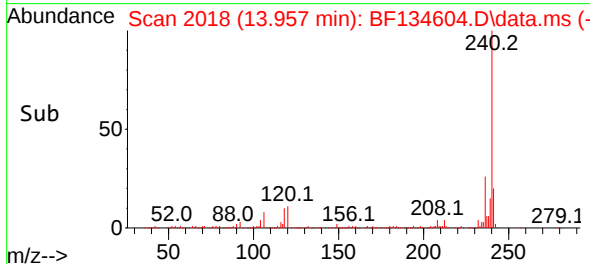
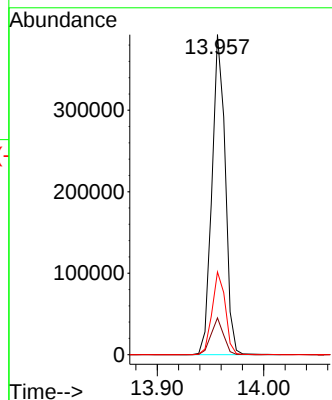
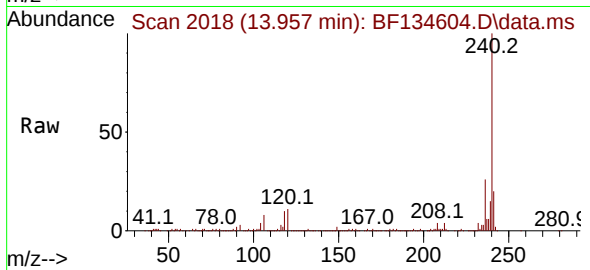




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

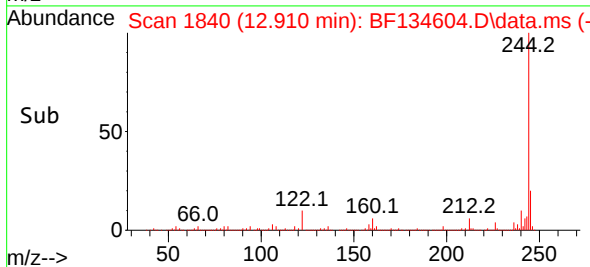
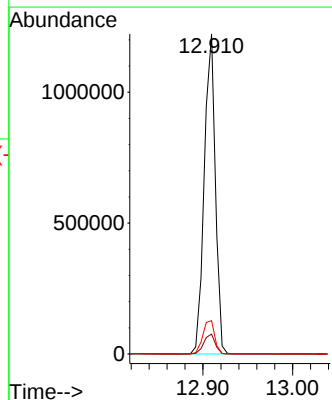
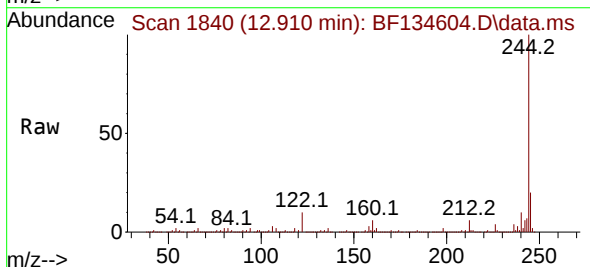
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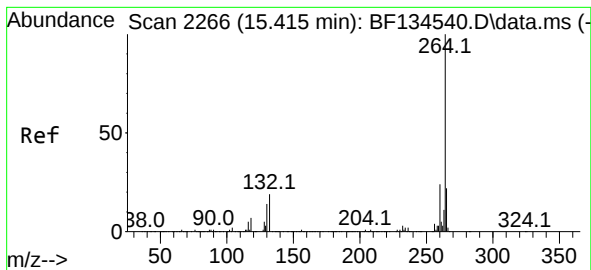
Tgt Ion:240 Resp: 339109
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 54.581 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 11:28

Tgt Ion:244 Resp: 1049932
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.4 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134604.D
 Acq: 03 Aug 2023 11:28

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:264 Resp: 262570
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.1 15.8 23.8

