

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134009.D
 Acq On : 28 Jun 2023 02:41
 Operator : CG\JU
 Sample : 03357-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-03

Quant Time: Jun 28 03:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

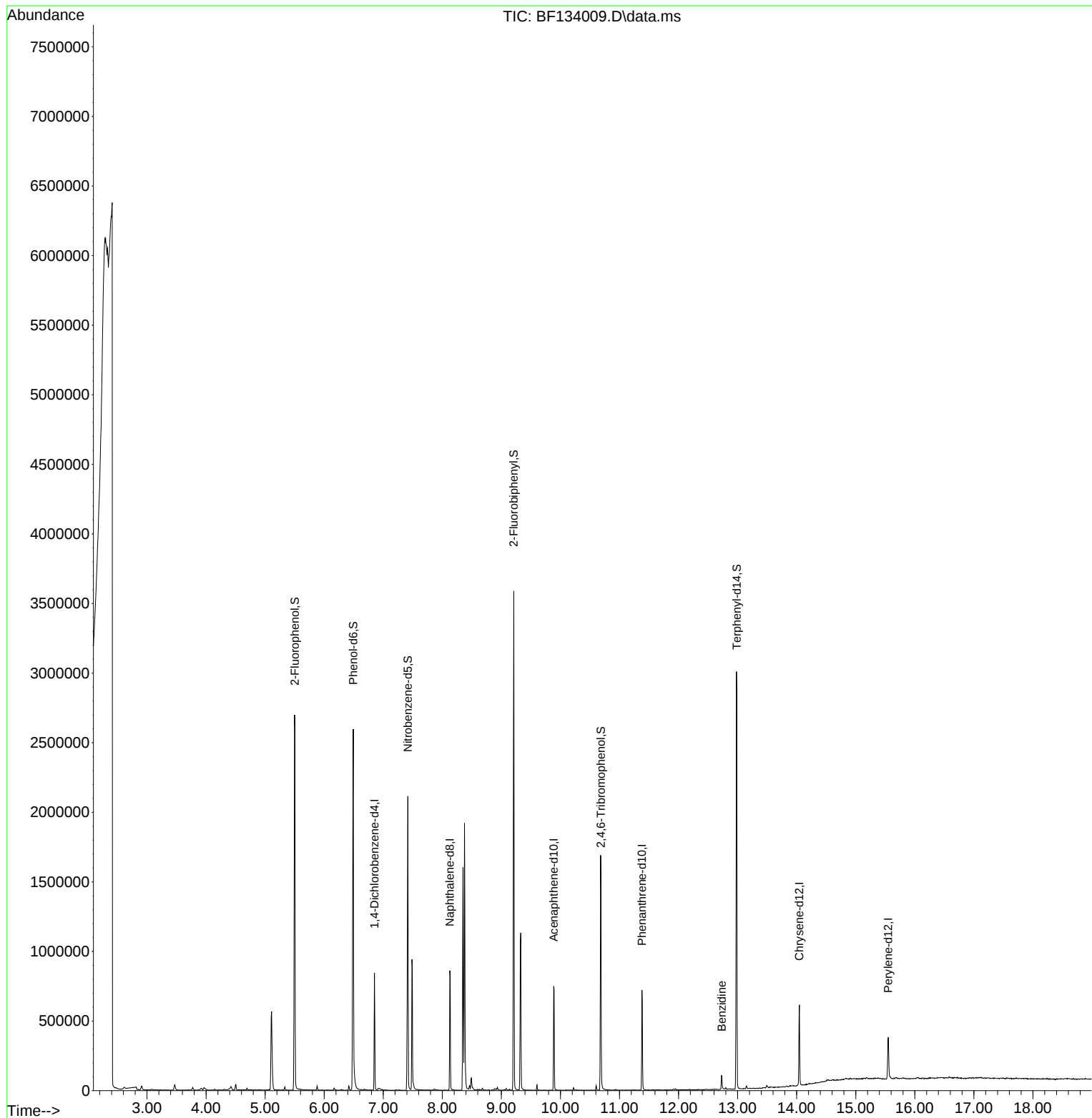
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	111380	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	381306	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	151745	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	272443	20.000	ng	0.00
76) Chrysene-d12	14.045	240	194803	20.000	ng	0.00
86) Perylene-d12	15.551	264	146004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	763447	114.659	ng	0.02
7) Phenol-d6	6.492	99	858669	104.862	ng	0.00
23) Nitrobenzene-d5	7.416	82	609009	86.096	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	210796	110.795	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	986011	94.471	ng	0.00
79) Terphenyl-d14	12.986	244	1117212	92.302	ng	0.00
Target Compounds						
77) Benzidine	12.733	184	44699	9.643	ng	Qvalue 99

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

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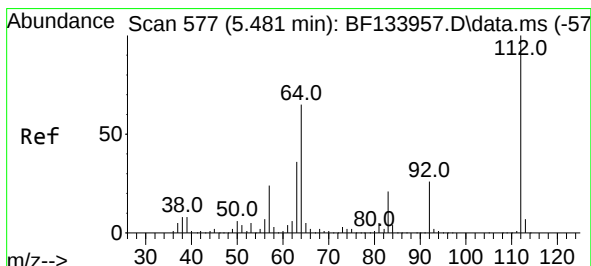
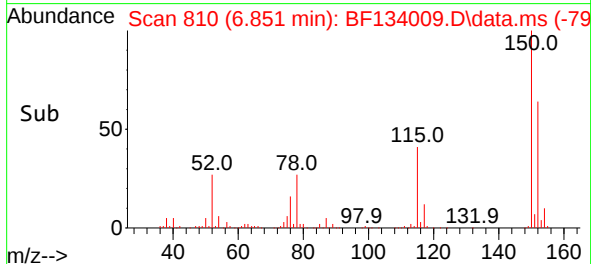
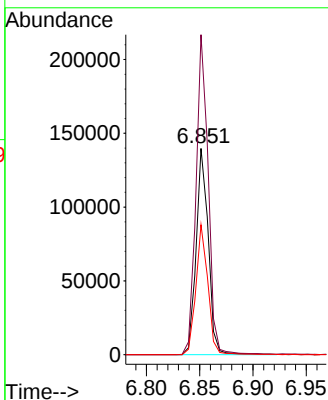
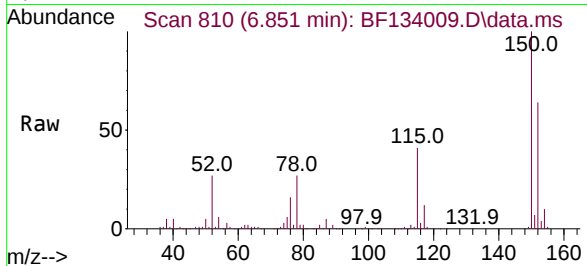




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

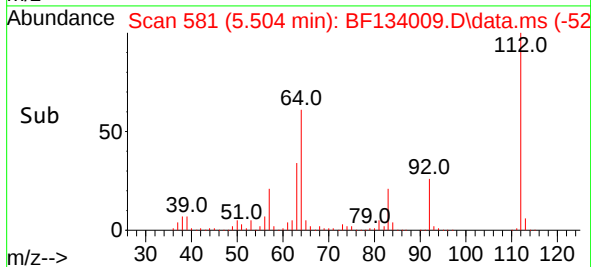
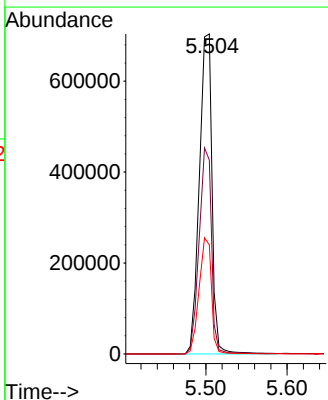
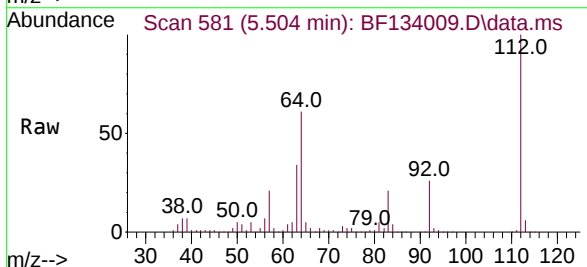
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

Tgt Ion:152 Resp: 111380
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 114.659 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:112 Resp: 763447
Ion Ratio Lower Upper
112 100
64 60.6 52.1 78.1
63 34.0 28.6 42.8

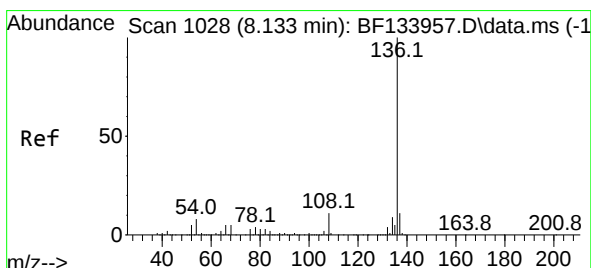
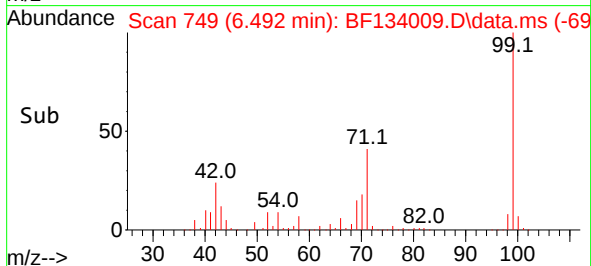
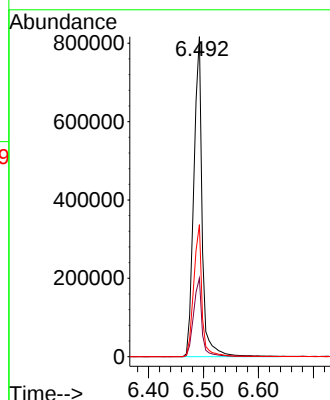
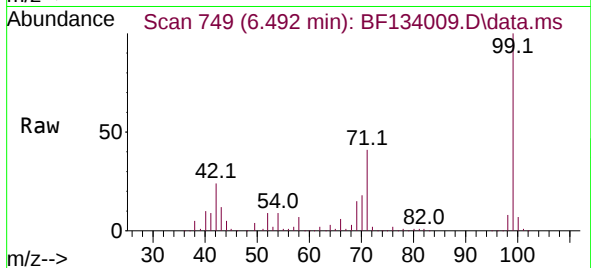




#7
Phenol-d6
Concen: 104.862 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

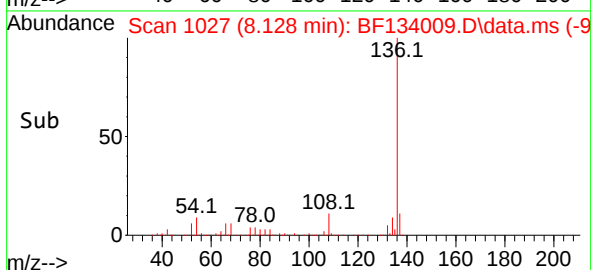
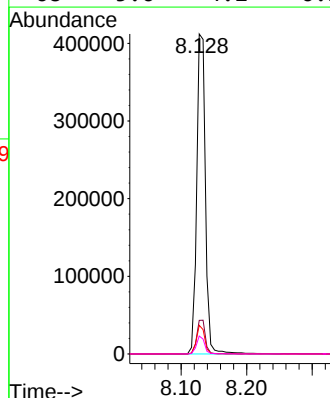
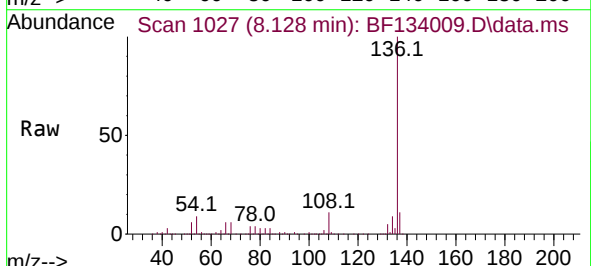
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-03

Tgt Ion: 99 Resp: 858669
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 41.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion: 136 Resp: 381306
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.0 6.5 9.7
68 5.6 4.2 6.2

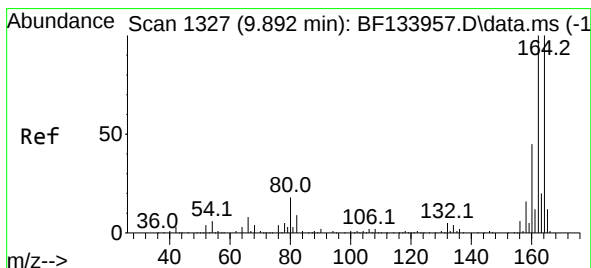
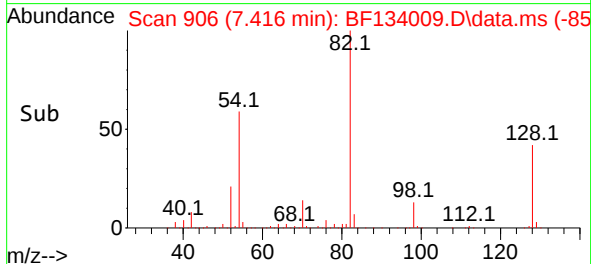
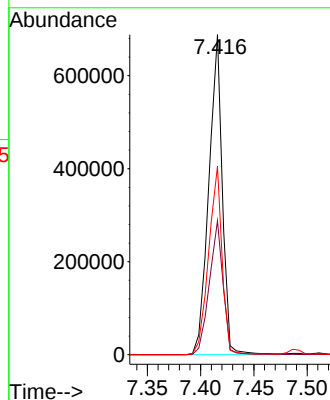
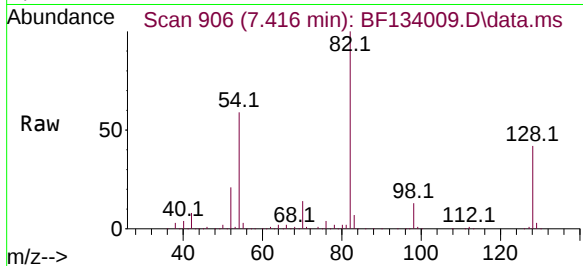




#23
 Nitrobenzene-d5
 Concen: 86.096 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF134009.D
 Acq: 28 Jun 2023 02:41

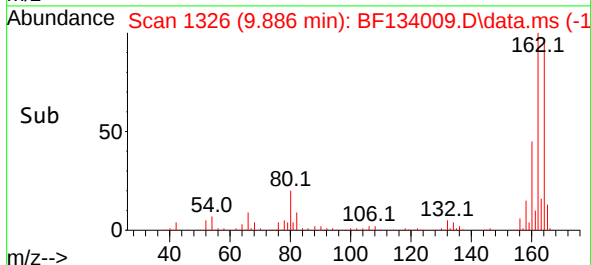
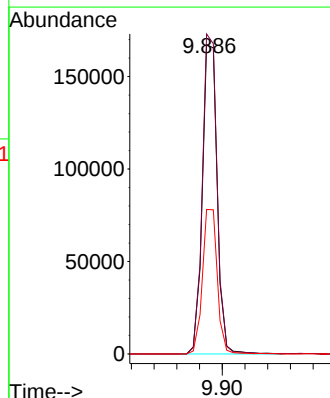
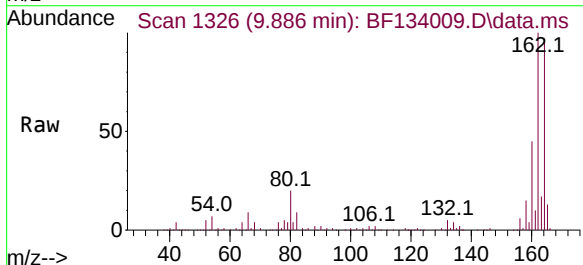
Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-03

Tgt Ion: 82 Resp: 609009
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.5 48.7
 54 58.8 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF134009.D
 Acq: 28 Jun 2023 02:41

Tgt Ion:164 Resp: 151745
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.0 120.0
 160 46.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 110.795 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF134009.D

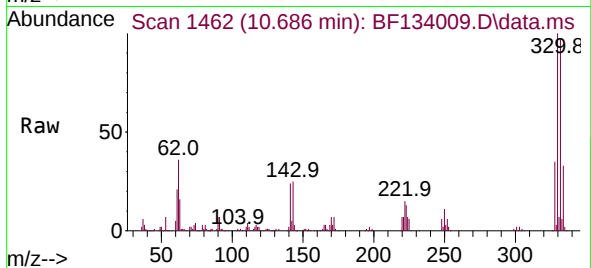
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ClientSampleId :

WC-SCAN-03



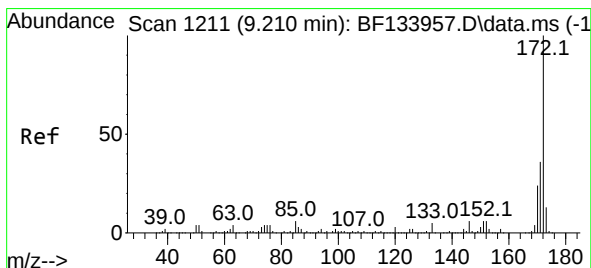
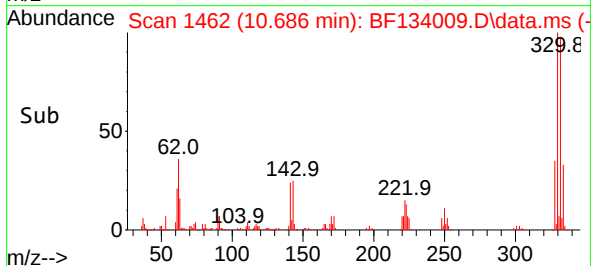
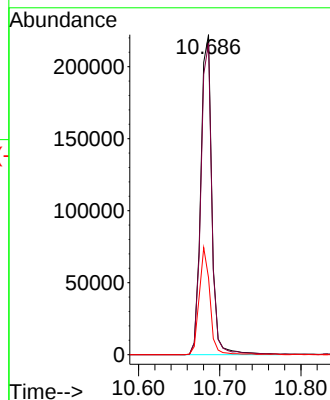
Tgt Ion:330 Resp: 210796

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 32.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 94.471 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134009.D

Acq: 28 Jun 2023 02:41

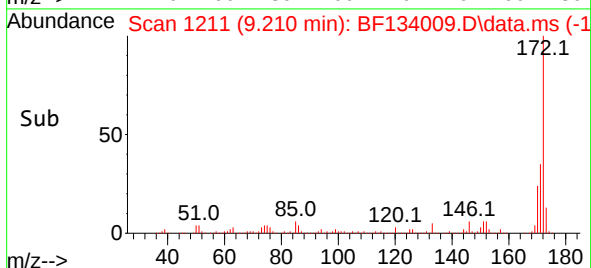
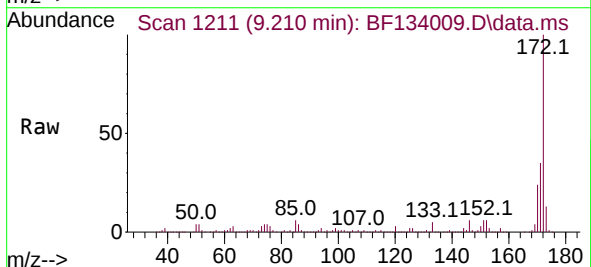
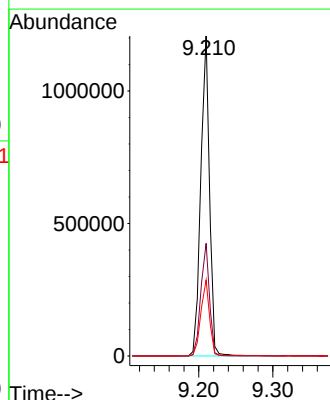
Tgt Ion:172 Resp: 986011

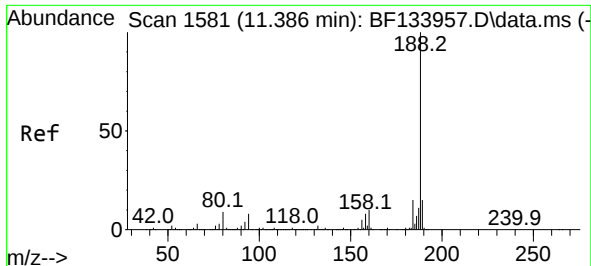
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.8 19.4 29.0

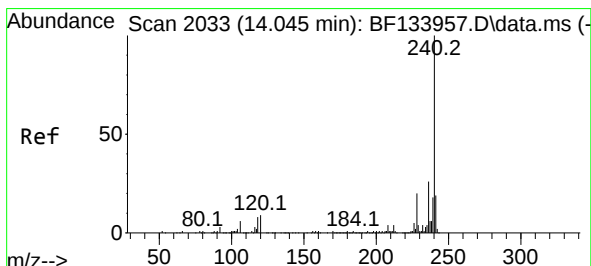
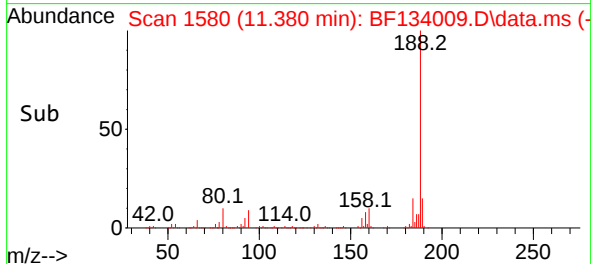
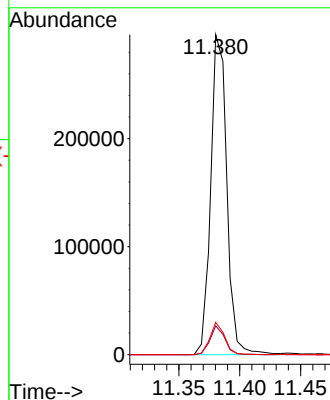
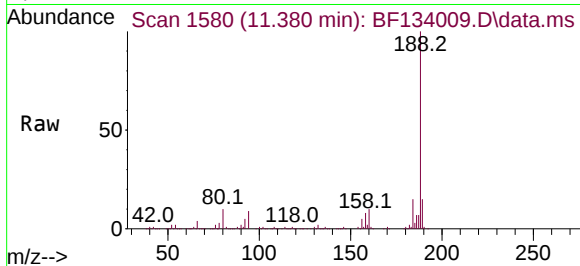




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

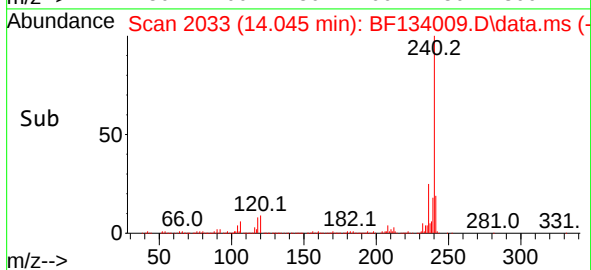
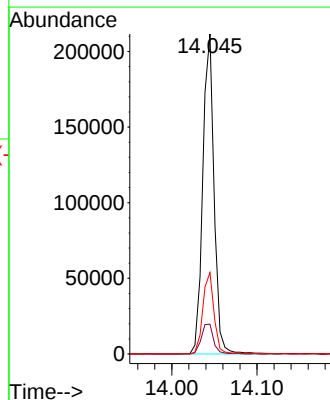
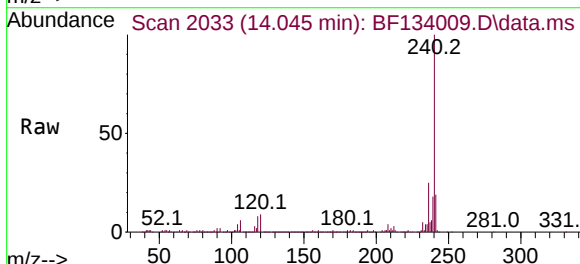
Instrument :
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WC-SCAN-03

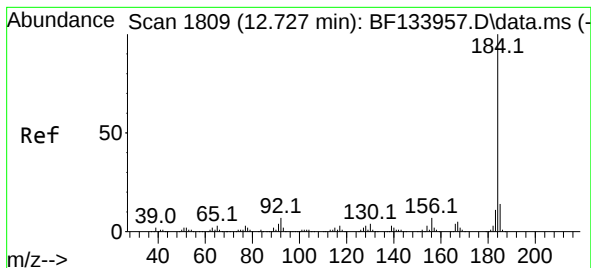
Tgt Ion:188 Resp: 272443
Ion Ratio Lower Upper
188 100
94 9.0 6.4 9.6
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134009.D
Acq: 28 Jun 2023 02:41

Tgt Ion:240 Resp: 194803
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.4 21.0 31.6





#77

Benzidine

Concen: 9.643 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF134009.D

Acq: 28 Jun 2023 02:41

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-03

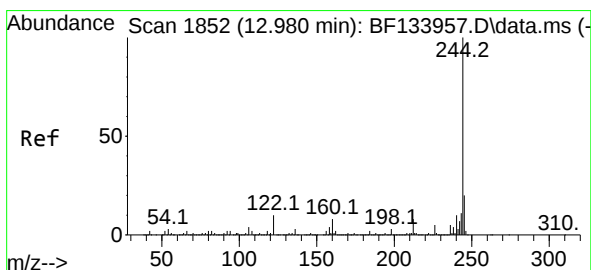
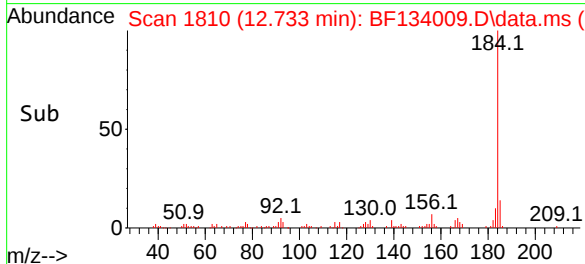
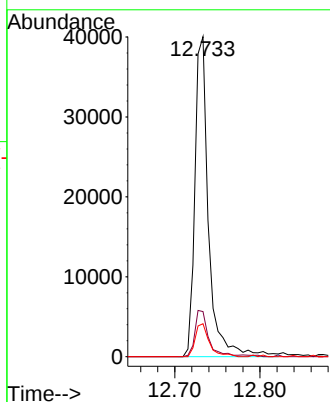
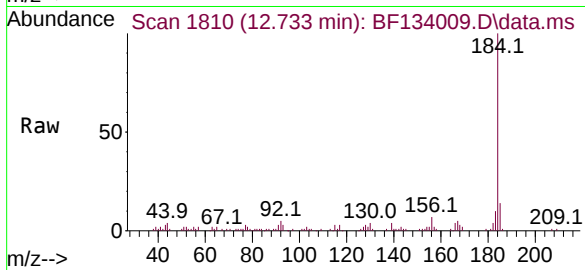
Tgt Ion:184 Resp: 44699

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.3 8.8 13.2



#79

Terphenyl-d14

Concen: 92.302 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF134009.D

Acq: 28 Jun 2023 02:41

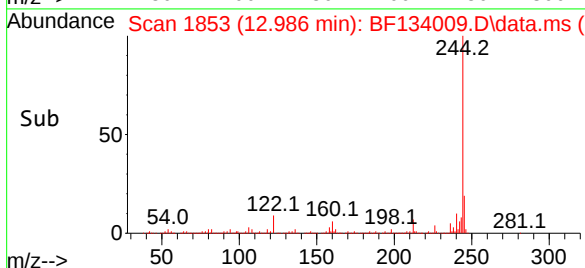
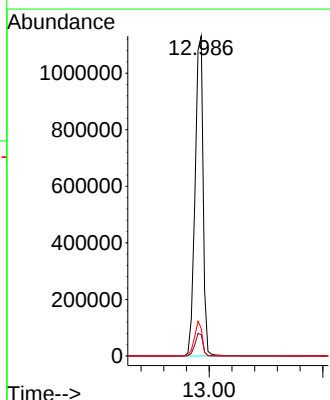
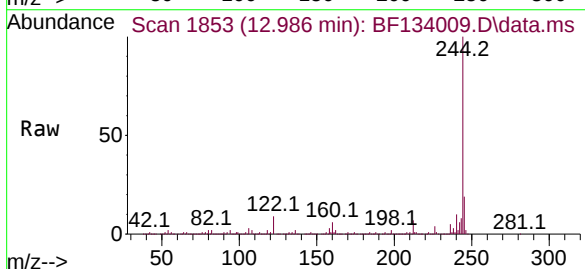
Tgt Ion:244 Resp: 1117212

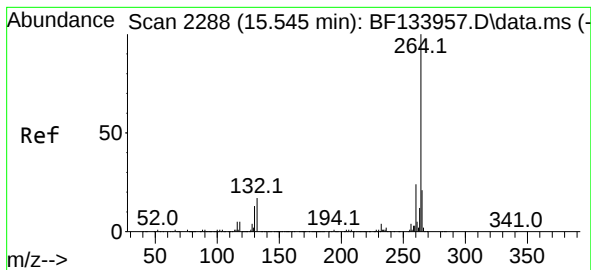
Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 8.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134009.D
 Acq: 28 Jun 2023 02:41

Instrument :
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Tgt Ion:264 Resp: 146004
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.7 16.6 25.0

