

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136823.D
 Acq On : 29 Dec 2023 12:04
 Operator : CG\JU
 Sample : 05994-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B-COMP

Quant Time: Dec 29 12:25:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64284	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	253994	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	130824	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	256551	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	159658	20.000	ng	0.00
86) Perylene-d12	15.445	264	140708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	431148	104.647	ng	0.00
7) Phenol-d6	6.428	99	547009	102.464	ng	-0.01
23) Nitrobenzene-d5	7.345	82	335308	67.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	161735	104.972	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	652374	67.070	ng	-0.01
79) Terphenyl-d14	12.904	244	690872	60.471	ng	-0.01

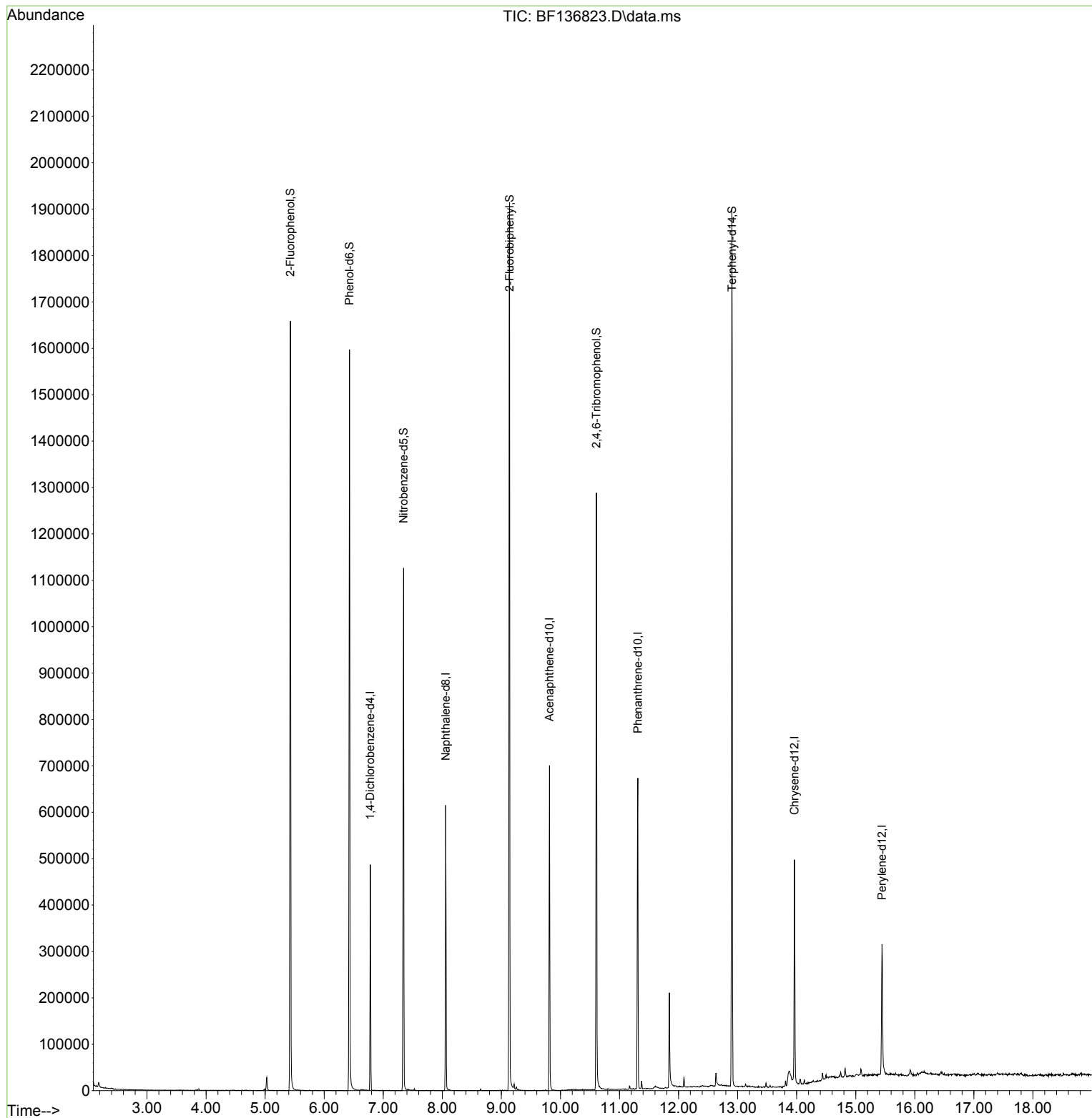
Target Compounds	Qvalue

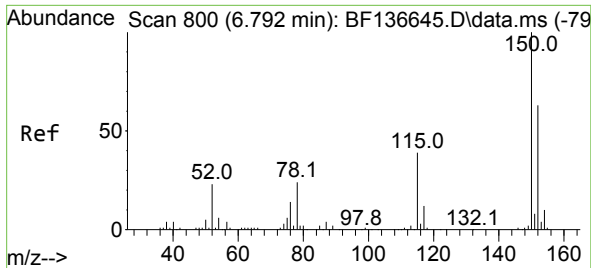
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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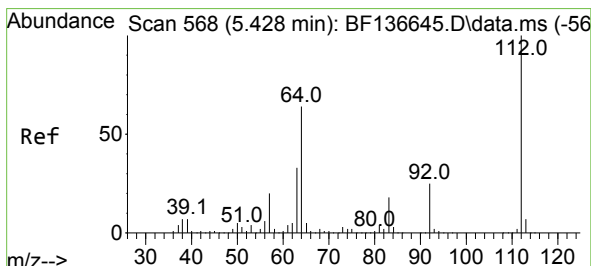
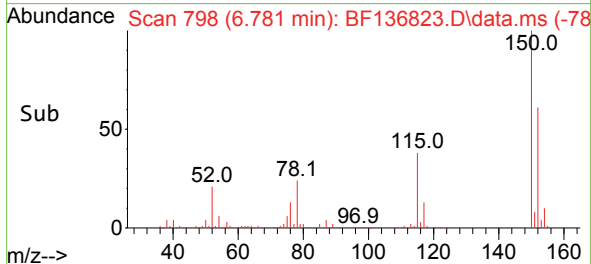
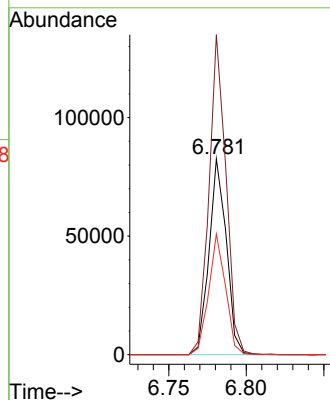
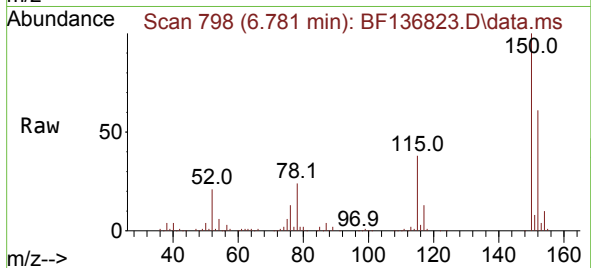




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

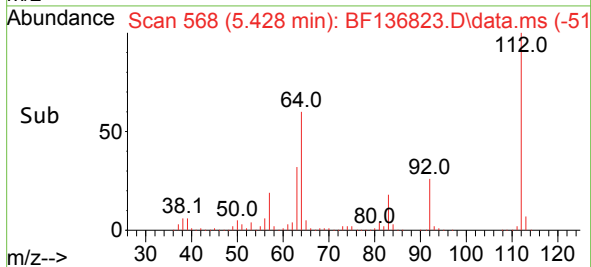
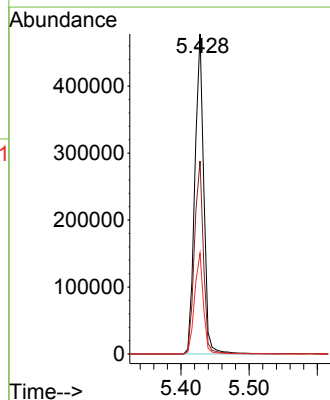
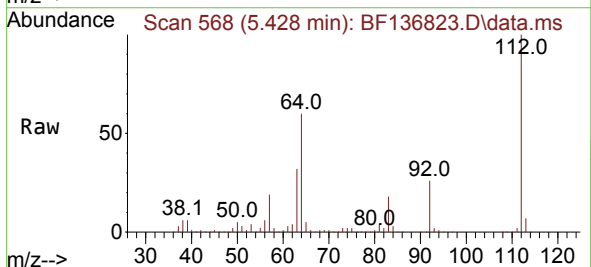
Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

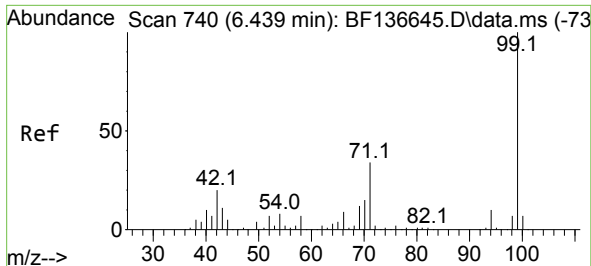
Tgt Ion:152 Resp: 64284
Ion Ratio Lower Upper
152 100
150 163.3 127.0 190.6
115 61.6 49.0 73.4



#5
2-Fluorophenol
Concen: 104.647 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

Tgt Ion:112 Resp: 431148
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 31.5 26.1 39.1

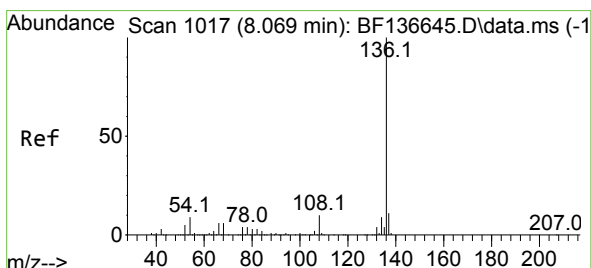
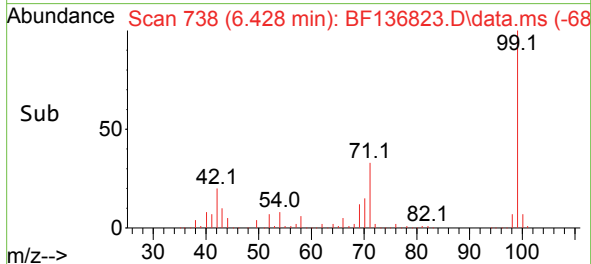
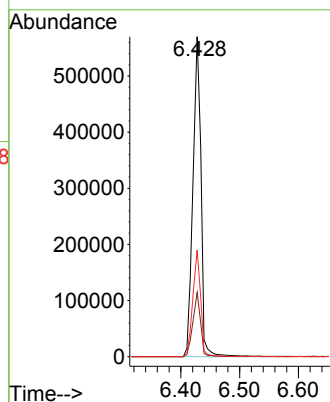
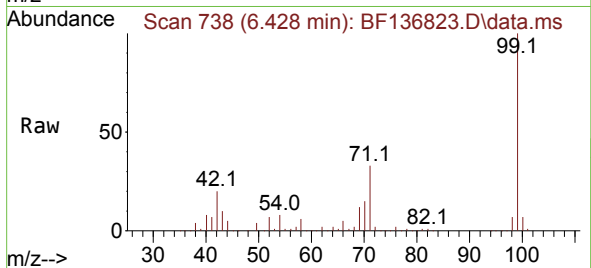




#7
Phenol-d6
Concen: 102.464 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

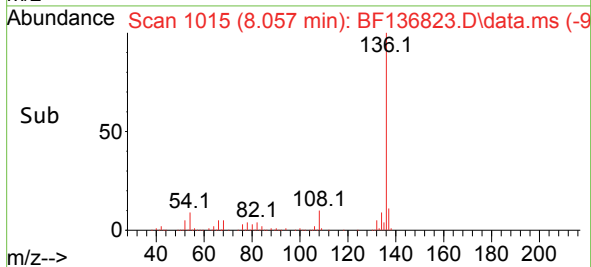
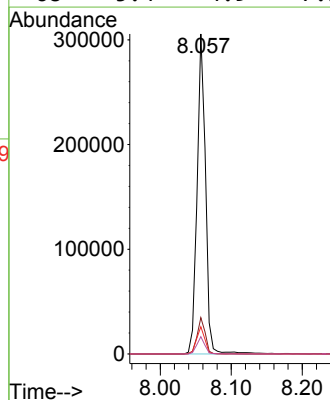
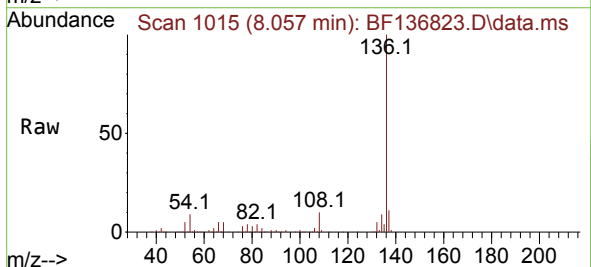
Instrument :
BNA_F
ClientSampleId :
WC-B-COMP

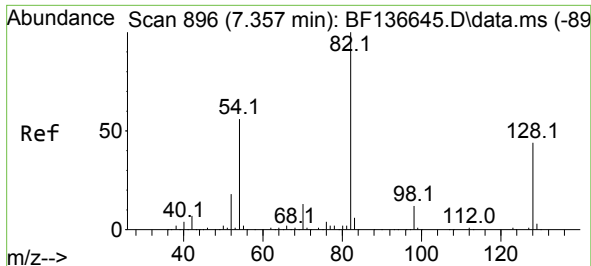
Tgt Ion: 99 Resp: 547009
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

Tgt Ion: 136 Resp: 253994
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.5 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 67.553 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136823.D

Acq: 29 Dec 2023 12:04

Instrument :

BNA_F

ClientSampleId :

WC-B-COMP

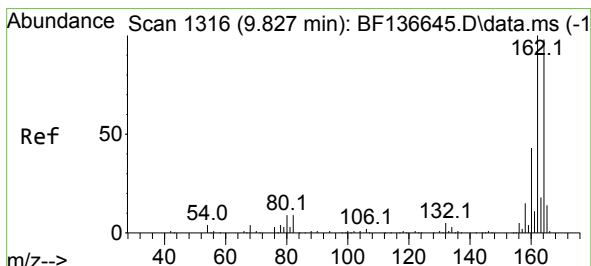
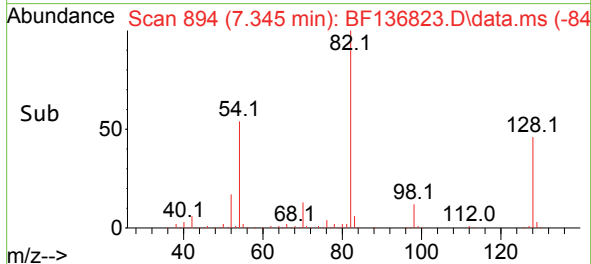
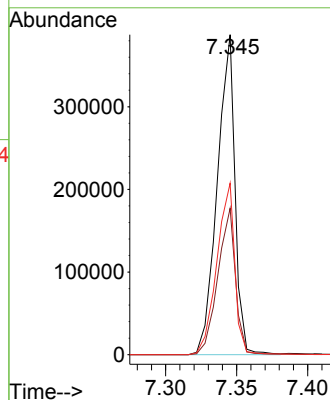
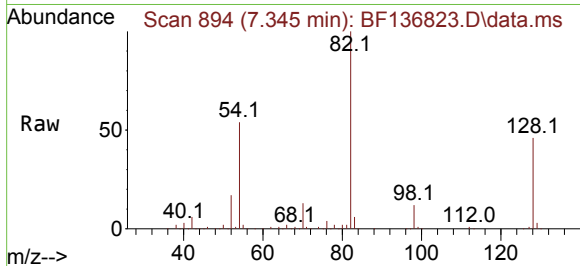
Tgt Ion: 82 Resp: 335308

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 53.6 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136823.D

Acq: 29 Dec 2023 12:04

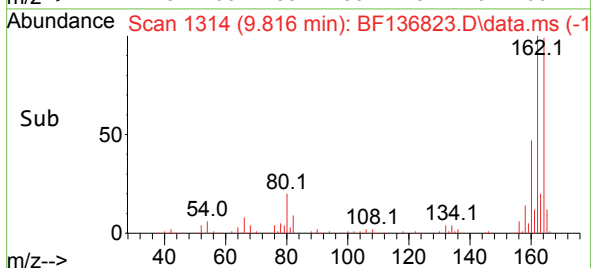
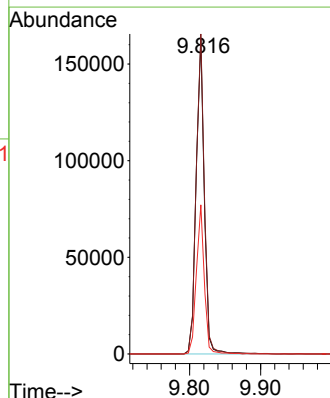
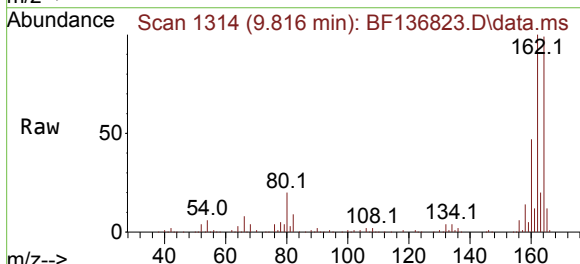
Tgt Ion:164 Resp: 130824

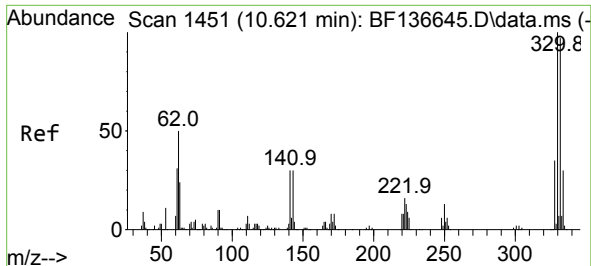
Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 47.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 104.972 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136823.D

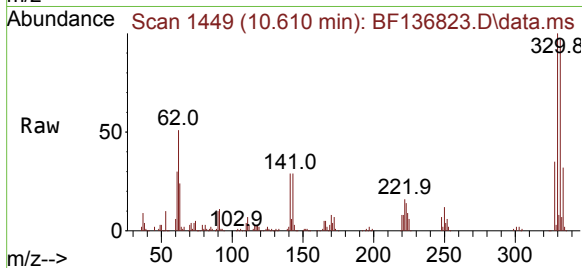
Acq: 29 Dec 2023 12:04

Instrument :

BNA_F

ClientSampleId :

WC-B-COMP



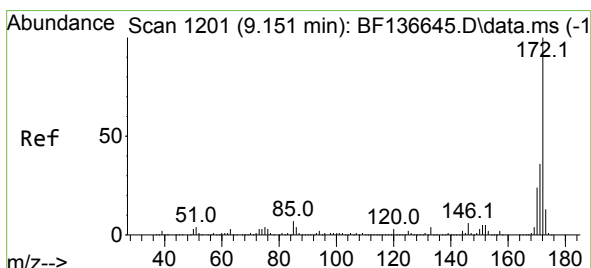
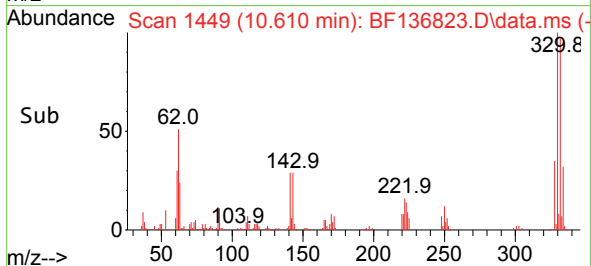
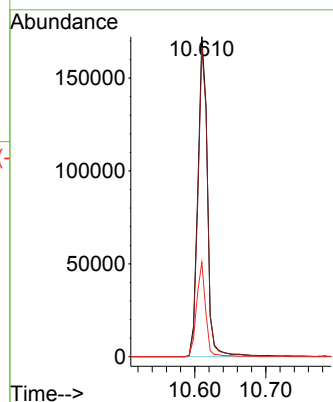
Tgt Ion:330 Resp: 161735

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.070 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136823.D

Acq: 29 Dec 2023 12:04

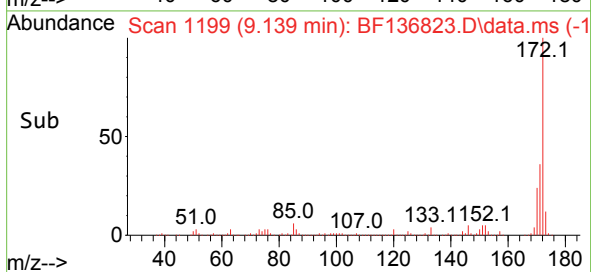
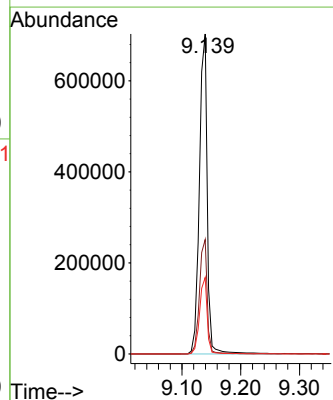
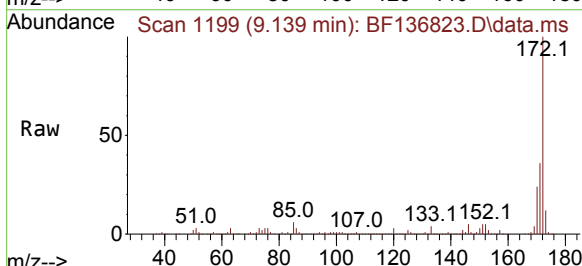
Tgt Ion:172 Resp: 652374

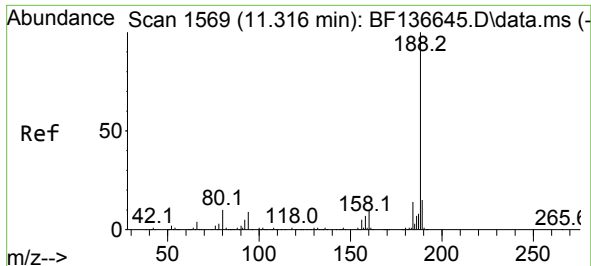
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.9 19.0 28.4

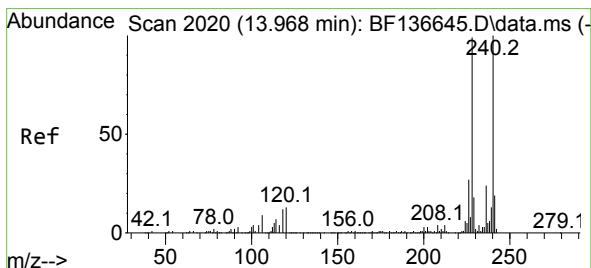
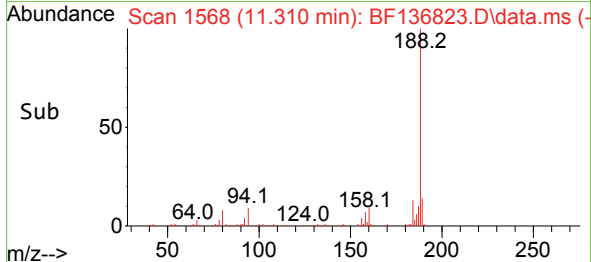
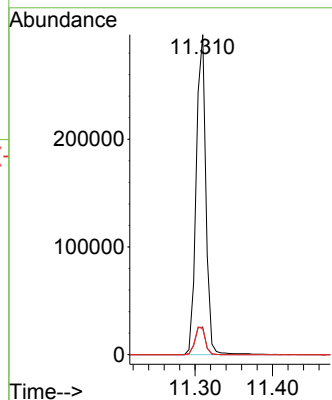
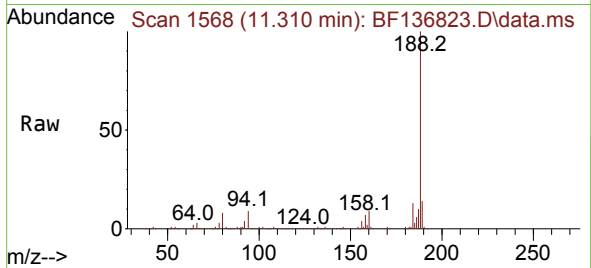




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

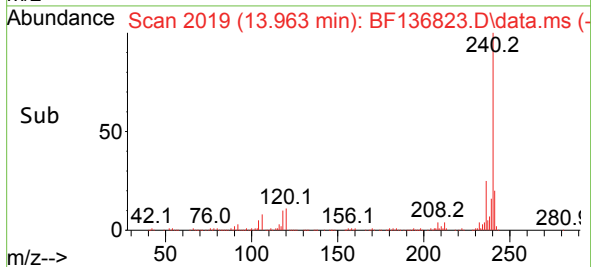
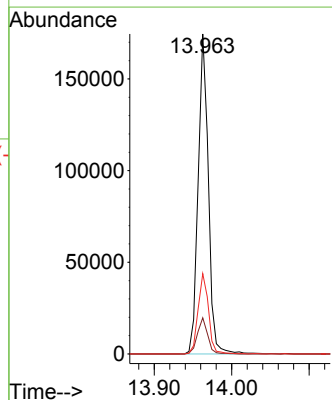
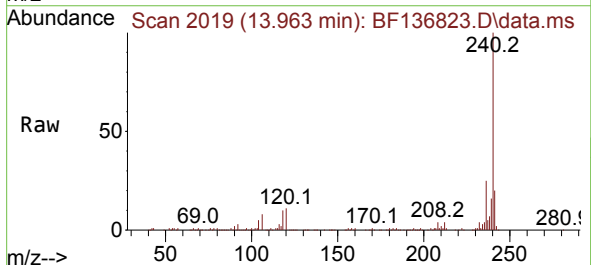
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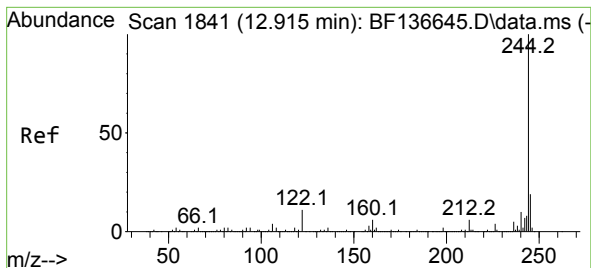
Tgt Ion:188 Resp: 256551
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.1 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136823.D
Acq: 29 Dec 2023 12:04

Tgt Ion:240 Resp: 159658
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.1 19.4 29.2





#79

Terphenyl-d14

Concen: 60.471 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136823.D

Acq: 29 Dec 2023 12:04

Instrument :

BNA_F

ClientSampleId :

WC-B-COMP

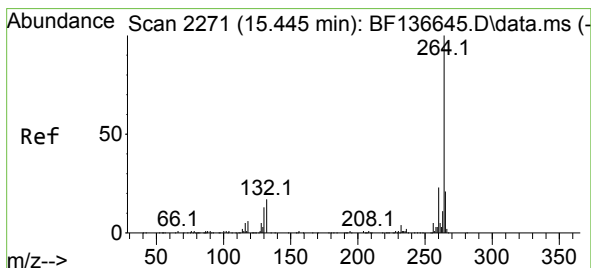
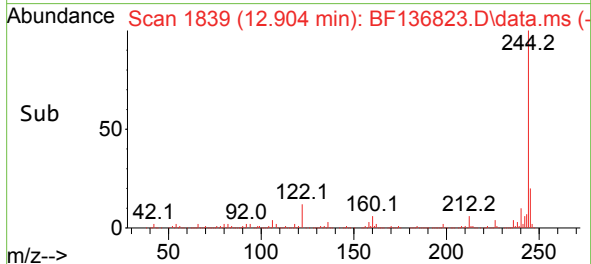
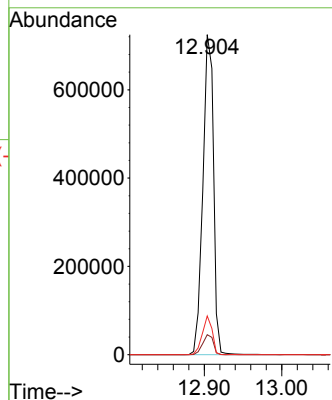
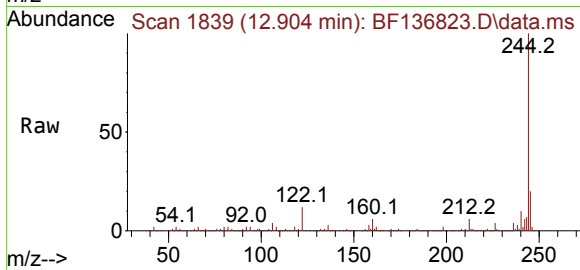
Tgt Ion:244 Resp: 690872

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 12.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136823.D

Acq: 29 Dec 2023 12:04

Tgt Ion:264 Resp: 140708

Ion Ratio Lower Upper

264 100

260 20.6 18.3 27.5

265 21.2 17.0 25.6

