

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136834.D
 Acq On : 29 Dec 2023 17:44
 Operator : CG\JU
 Sample : 05897-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36a

Quant Time: Dec 30 01:02:51 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	69805	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	268116	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	138515	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	262503	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	144282	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	137306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	486336	108.706	ng	0.00
7) Phenol-d6	6.428	99	613111	105.763	ng	-0.01
23) Nitrobenzene-d5	7.345	82	381981	72.903	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	167265	102.533	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	728153	70.704	ng	-0.02
79) Terphenyl-d14	12.904	244	678514	65.719	ng	-0.01

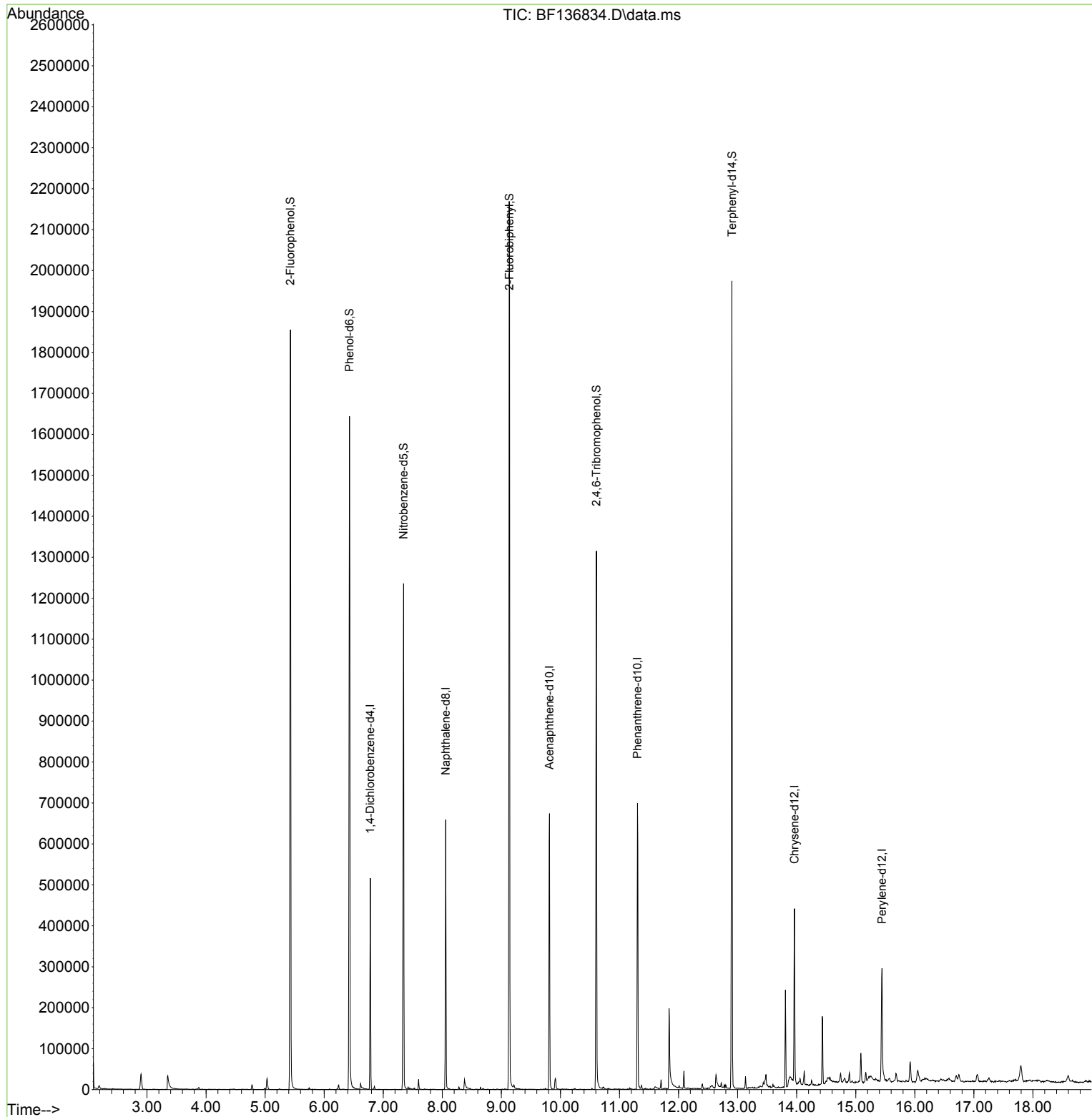
Target Compounds	Qvalue

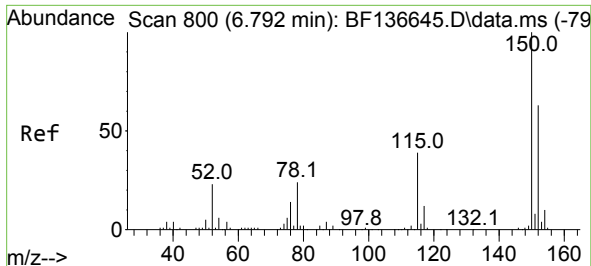
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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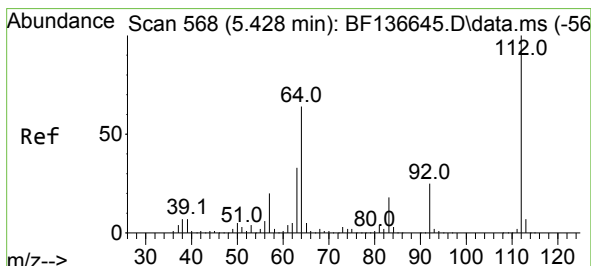
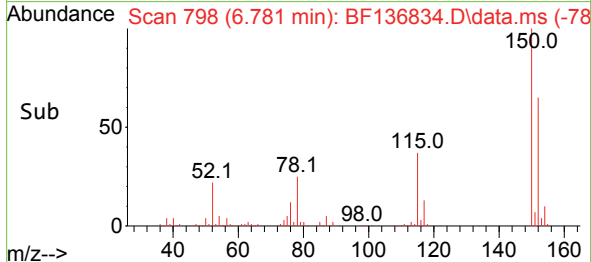
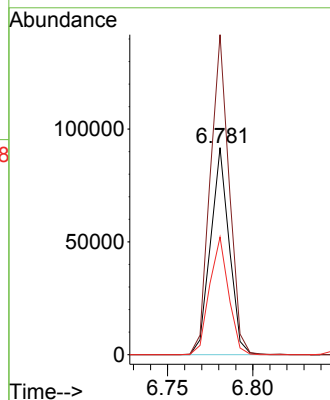
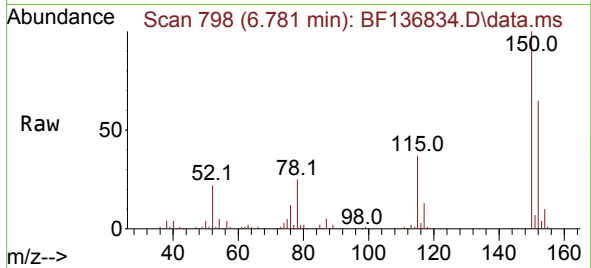




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

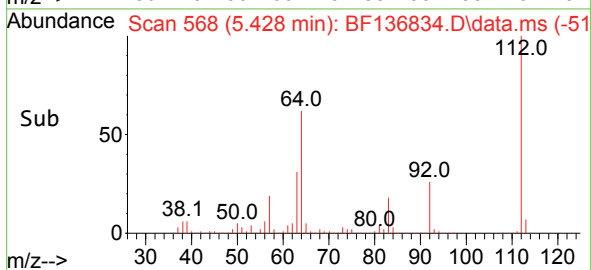
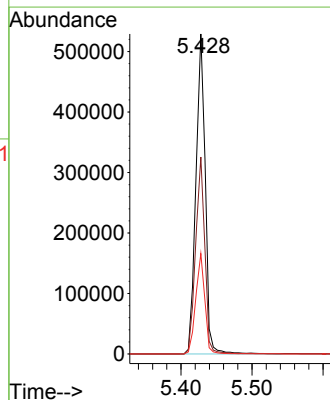
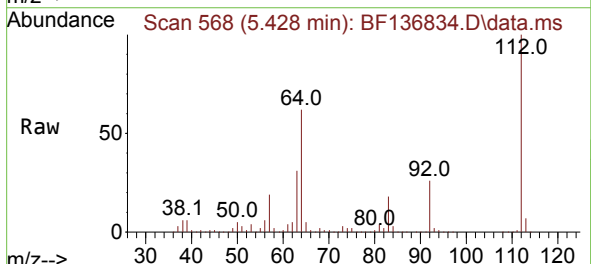
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

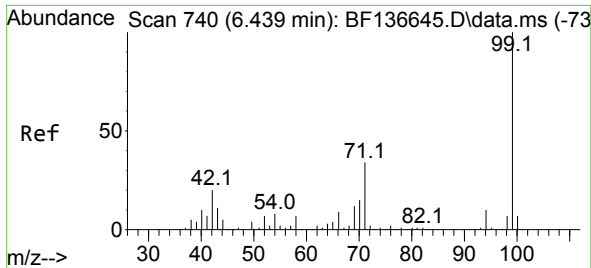
Tgt Ion:152 Resp: 69805
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 56.8 49.0 73.4



#5
2-Fluorophenol
Concen: 108.706 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:112 Resp: 486336
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.4 26.1 39.1

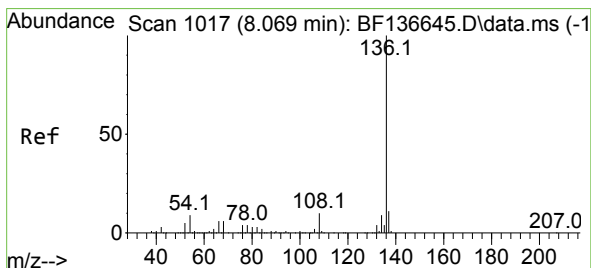
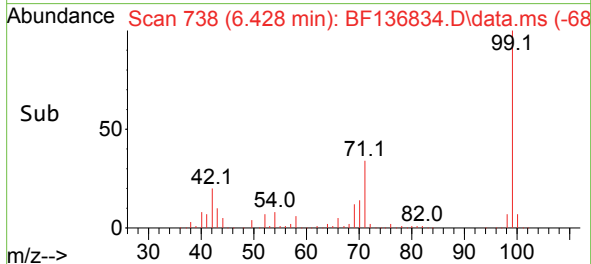
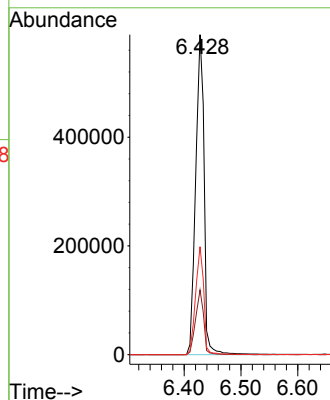
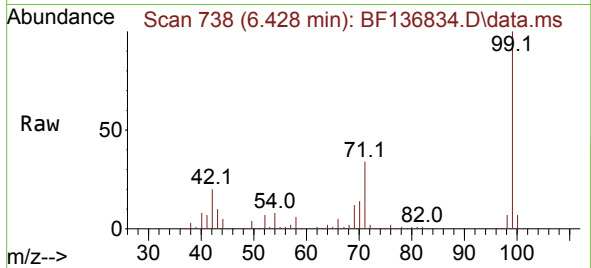




#7
Phenol-d6
Concen: 105.763 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

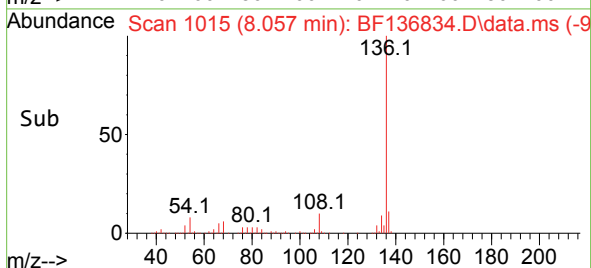
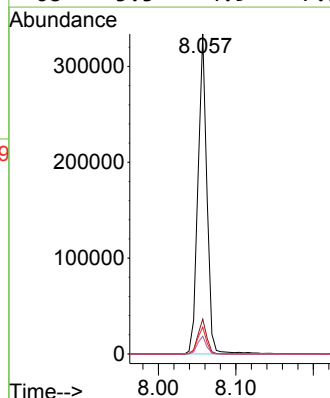
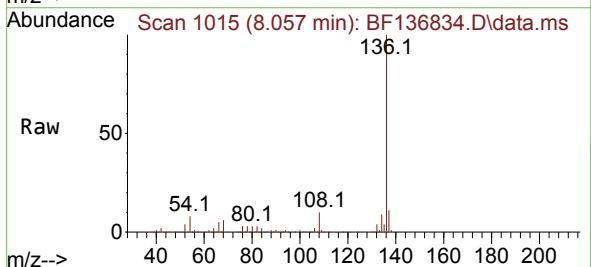
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

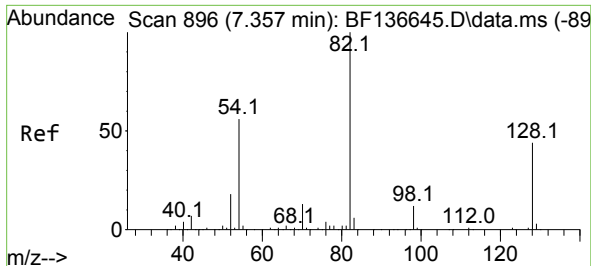
Tgt Ion: 99 Resp: 613111
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion: 136 Resp: 268116
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.4 7.2 10.8
68 5.5 4.9 7.3

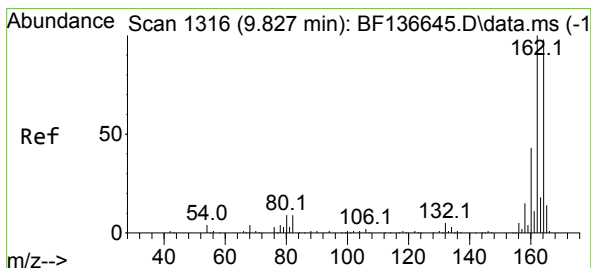
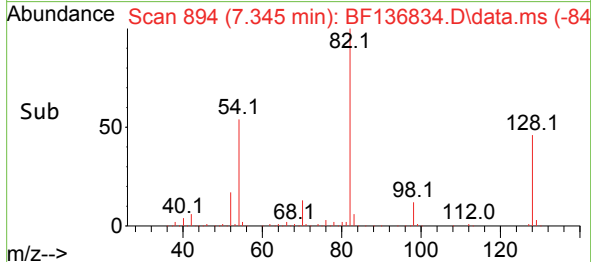
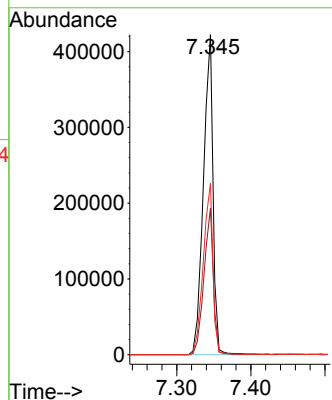
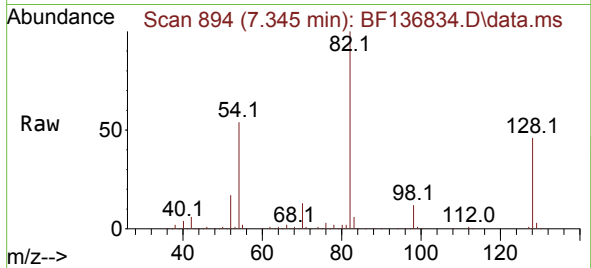




#23
 Nitrobenzene-d5
 Concen: 72.903 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136834.D
 Acq: 29 Dec 2023 17:44

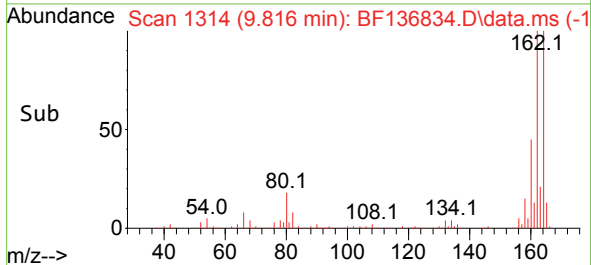
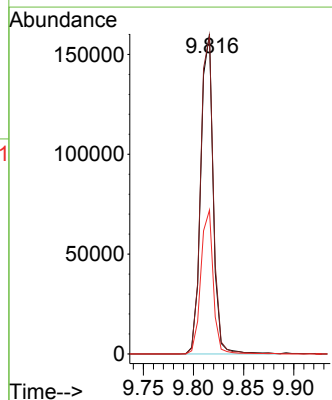
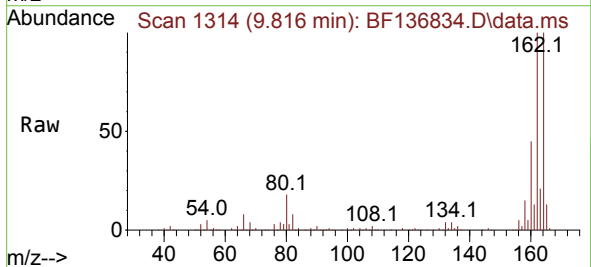
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36a

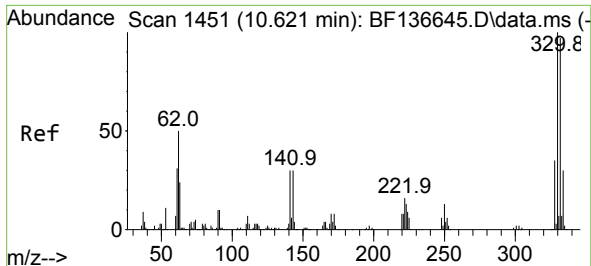
Tgt Ion: 82 Resp: 381981
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.3 52.9
 54 53.5 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136834.D
 Acq: 29 Dec 2023 17:44

Tgt Ion:164 Resp: 138515
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.6 122.4
 160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 102.533 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136834.D

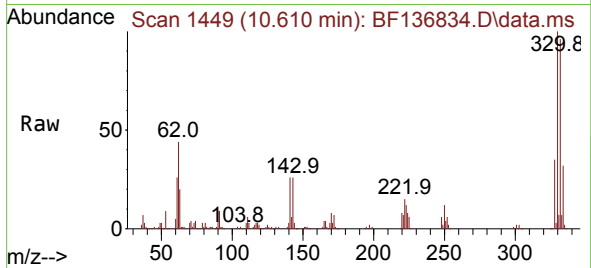
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Instrument :

BNA_F

ClientSampleId :

GHL-SS-36a



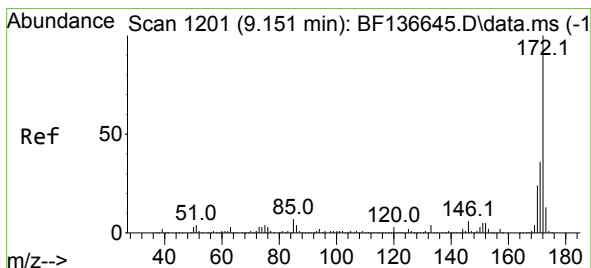
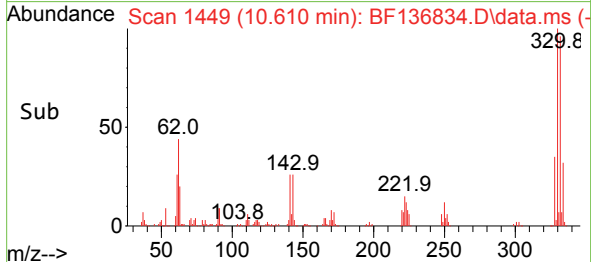
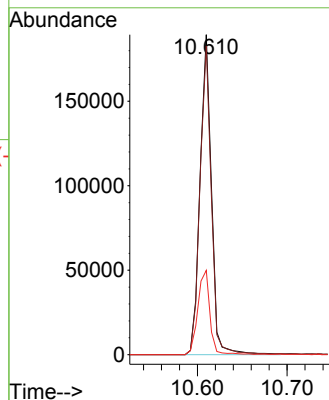
Tgt Ion:330 Resp: 167265

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 70.704 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136834.D

Acq: 29 Dec 2023 17:44

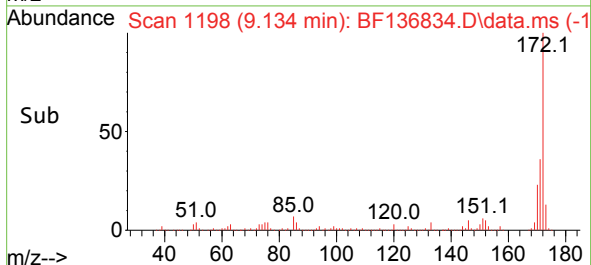
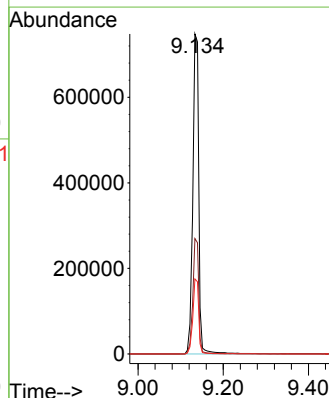
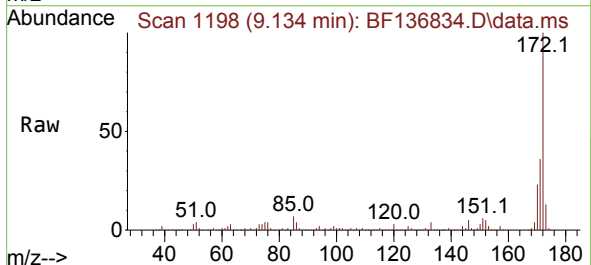
Tgt Ion:172 Resp: 728153

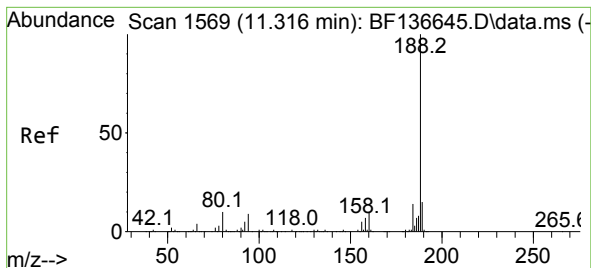
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136834.D

Acq: 29 Dec 2023 17:44

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36a

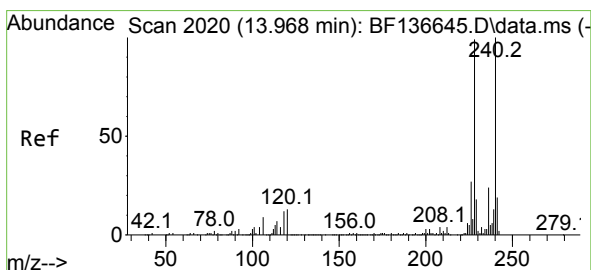
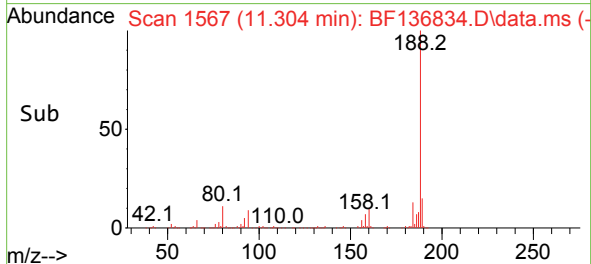
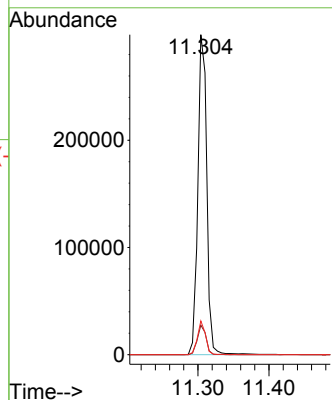
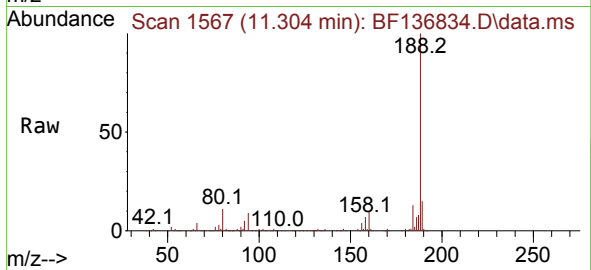
Tgt Ion:188 Resp: 262503

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.6 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: BF136834.D

Acq: 29 Dec 2023 17:44

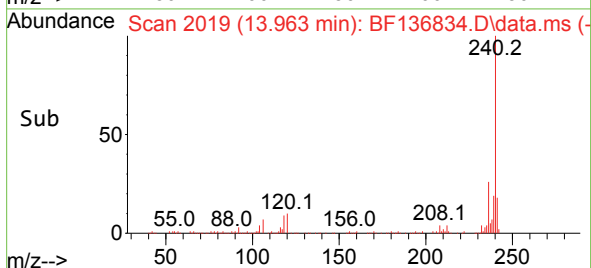
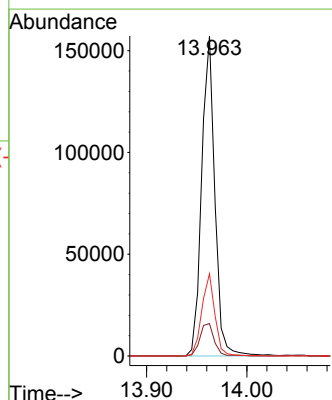
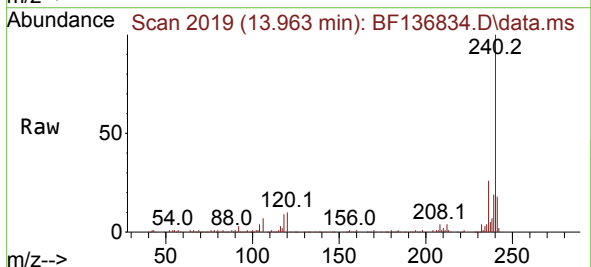
Tgt Ion:240 Resp: 144282

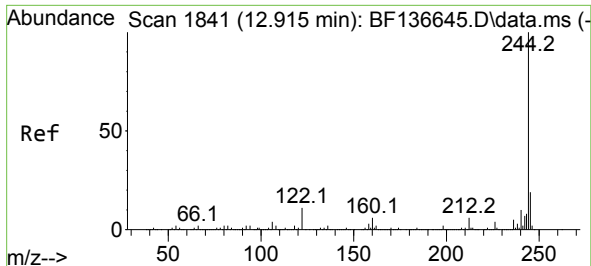
Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 25.7 19.4 29.2

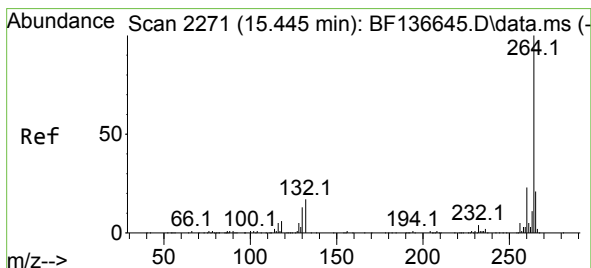
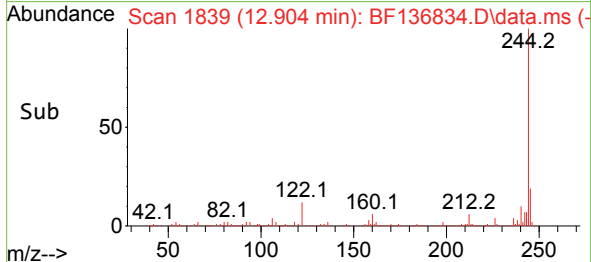
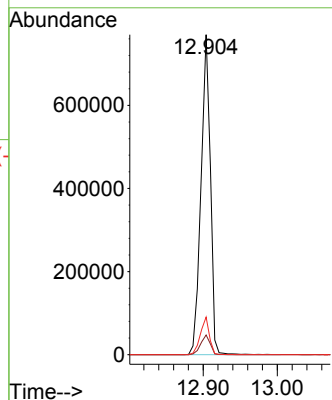
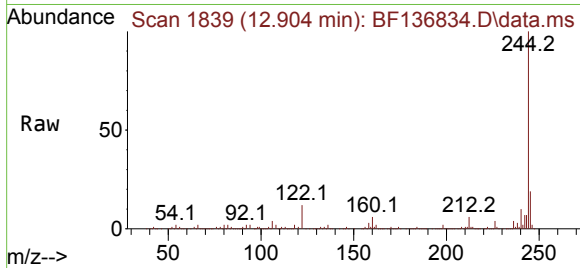




#79
 Terphenyl-d14
 Concen: 65.719 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136834.D
 Acq: 29 Dec 2023 17:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 678514
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.8 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: BF136834.D
 Acq: 29 Dec 2023 17:44

Tgt Ion:264 Resp: 137306
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.3 27.5
 265 19.9 17.0 25.6

