

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136831.D
 Acq On : 29 Dec 2023 16:11
 Operator : CG\JU
 Sample : 05909-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-44

Quant Time: Dec 29 16:29:29 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	66690	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	252756	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	131520	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	250489	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	139743	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	129788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	152265	35.624	ng	0.00
7) Phenol-d6	6.422	99	233324	42.129	ng	-0.02
23) Nitrobenzene-d5	7.339	82	104477	21.152	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	78383	50.604	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	215900	22.079	ng	-0.02
79) Terphenyl-d14	12.898	244	296619	29.663	ng	-0.02

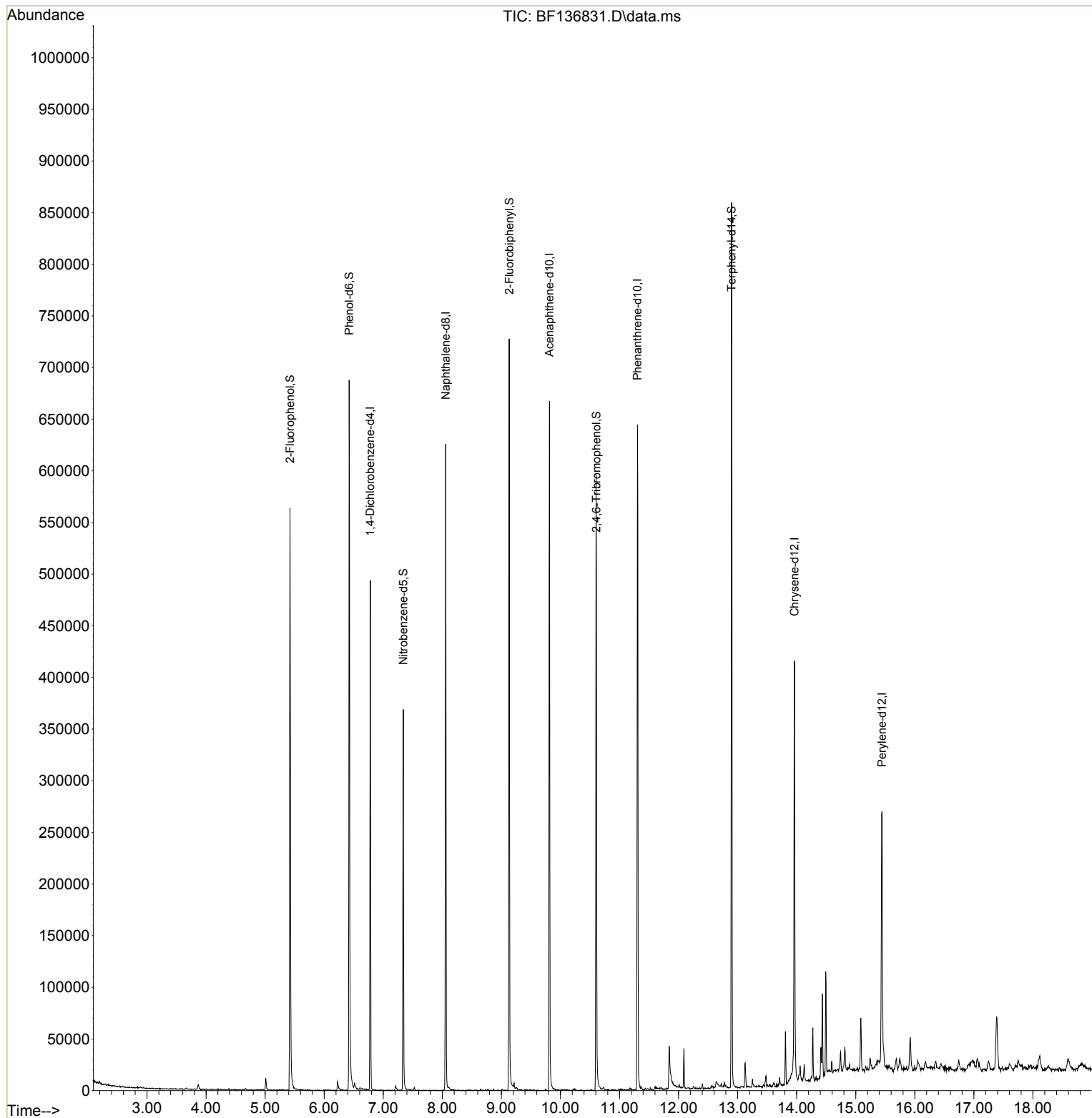
Target Compounds	Qvalue

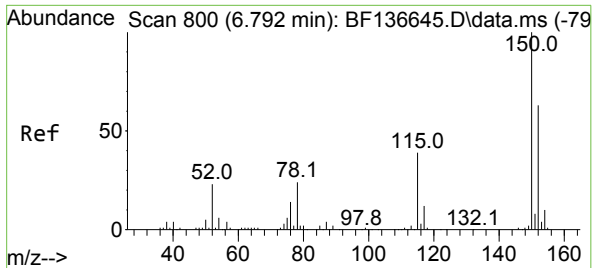
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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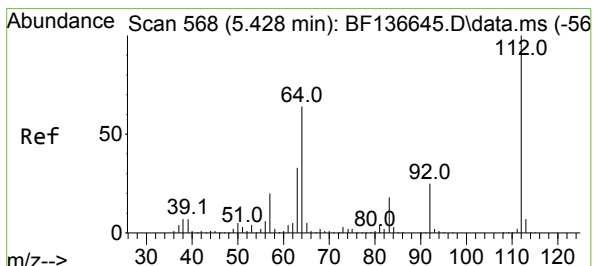
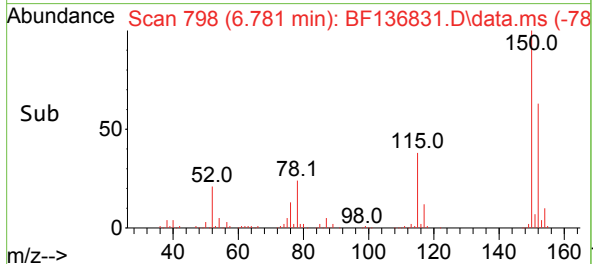
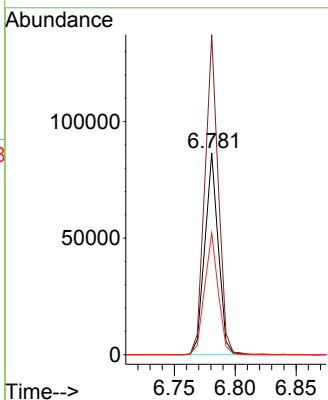
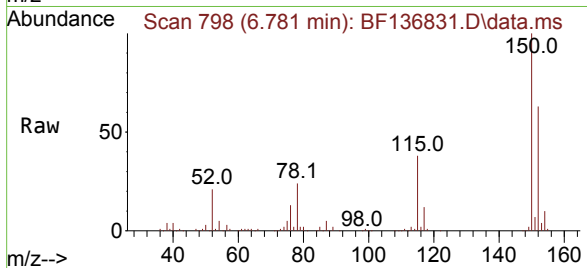




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

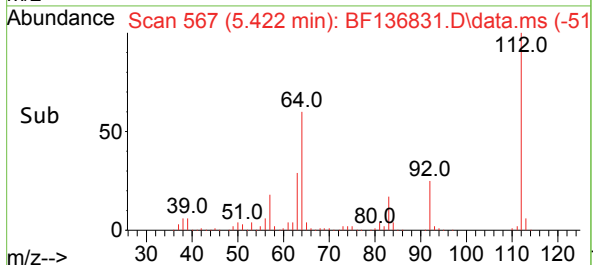
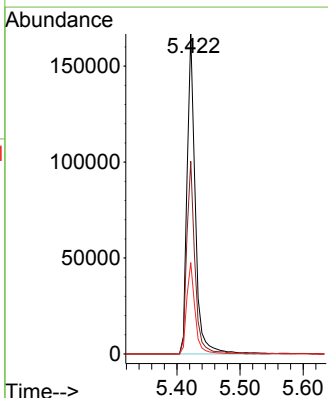
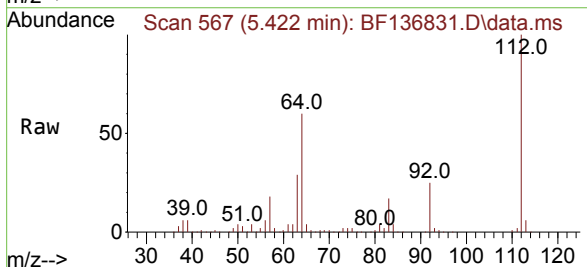
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

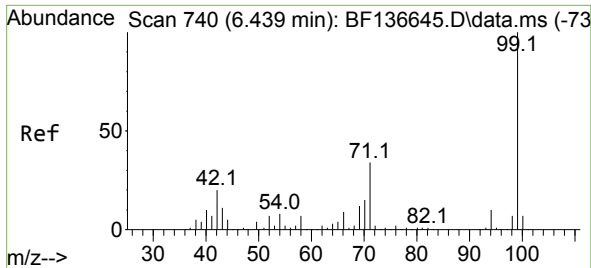
Tgt Ion:152 Resp: 66690
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 35.624 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:112 Resp: 152265
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 28.6 26.1 39.1

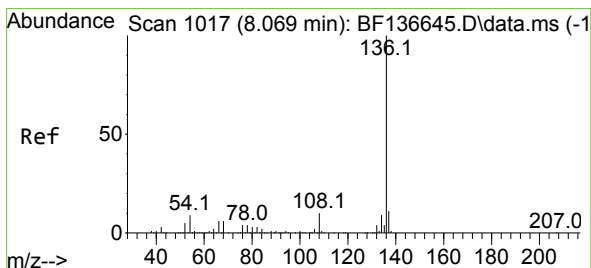
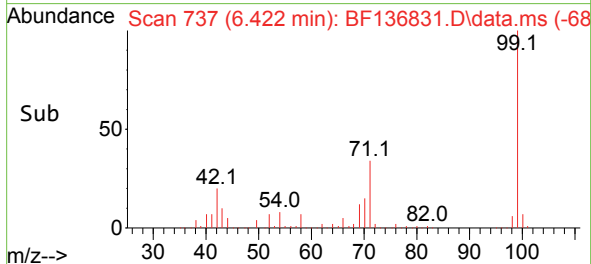
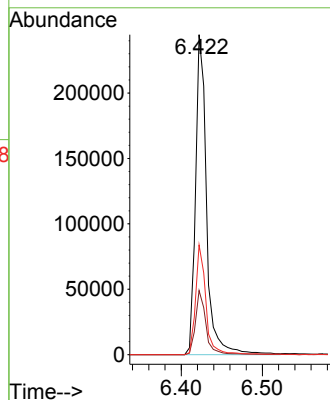
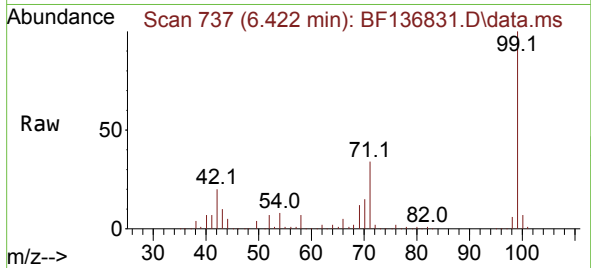




#7
Phenol-d6
Concen: 42.129 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

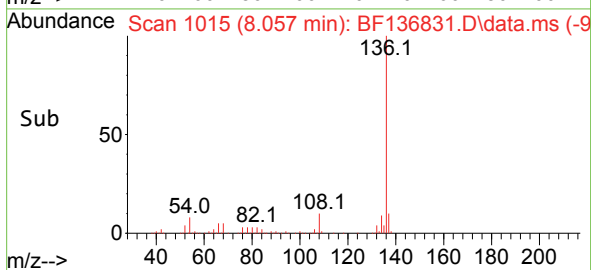
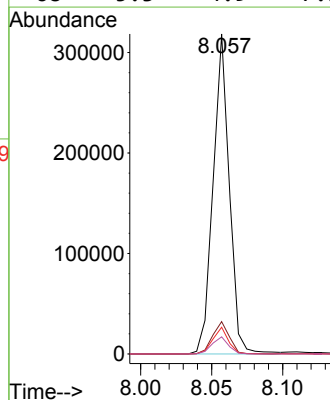
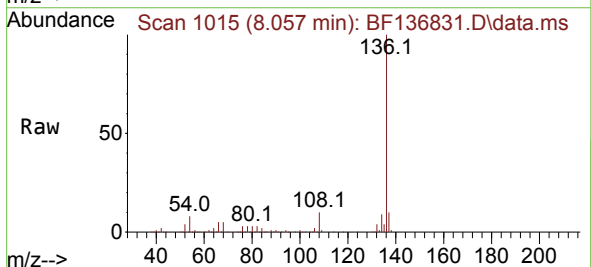
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

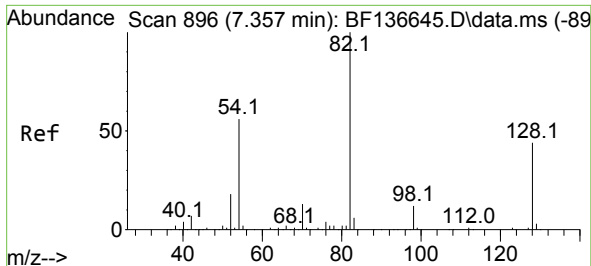
Tgt Ion: 99 Resp: 233324
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 34.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion: 136 Resp: 252756
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 8.4 7.2 10.8
68 5.3 4.9 7.3

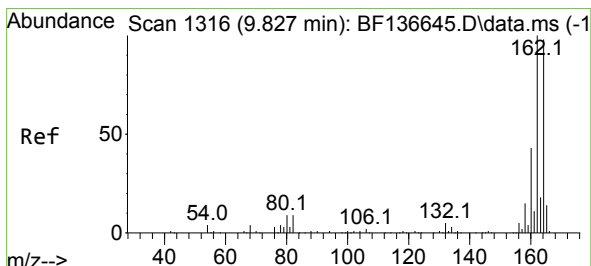
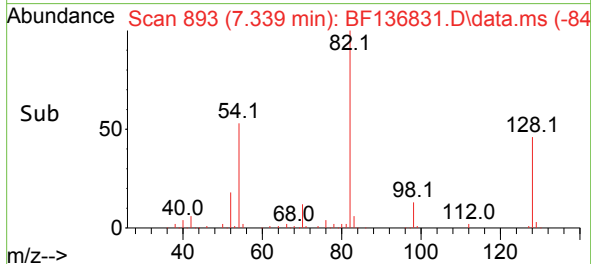
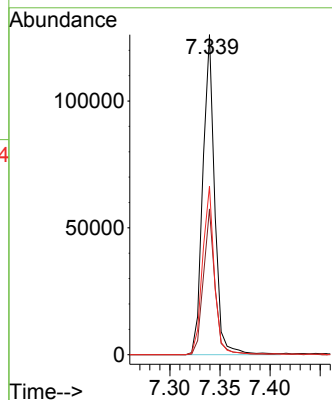
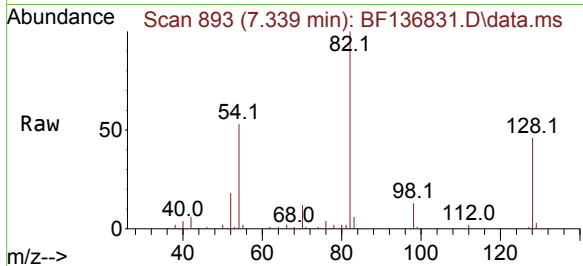




#23
Nitrobenzene-d5
Concen: 21.152 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

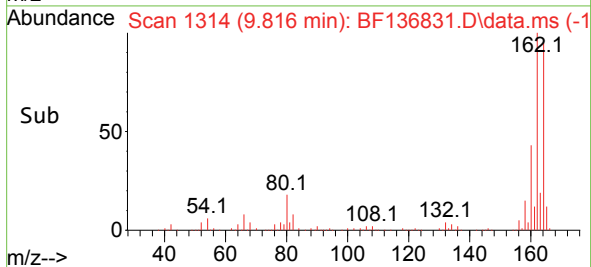
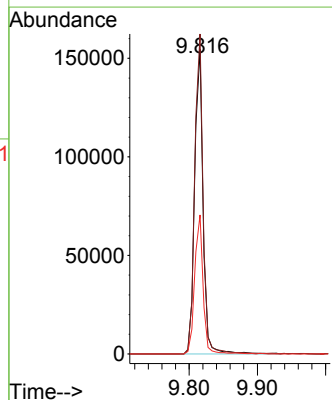
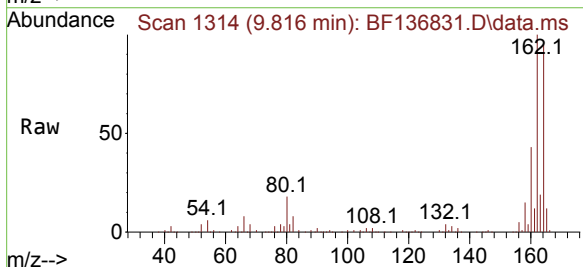
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

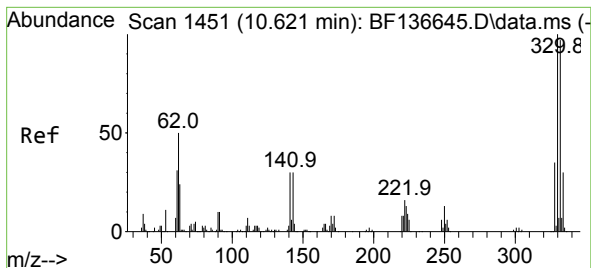
Tgt Ion: 82 Resp: 104477
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 52.7 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:164 Resp: 131520
Ion Ratio Lower Upper
164 100
162 105.1 81.6 122.4
160 45.6 34.9 52.3

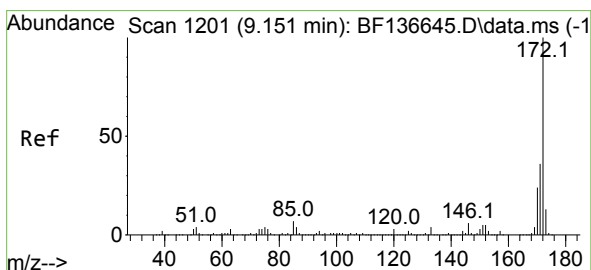
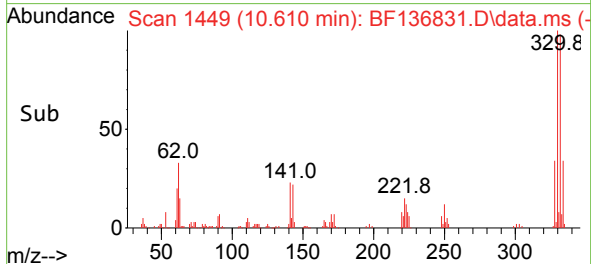
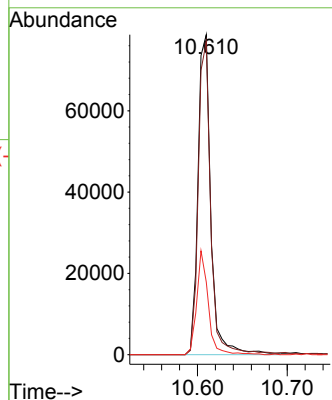
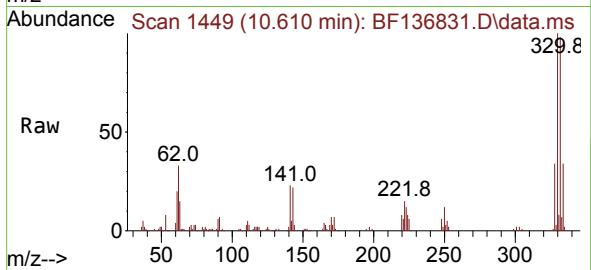




#42
2,4,6-Tribromophenol
Concen: 50.604 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

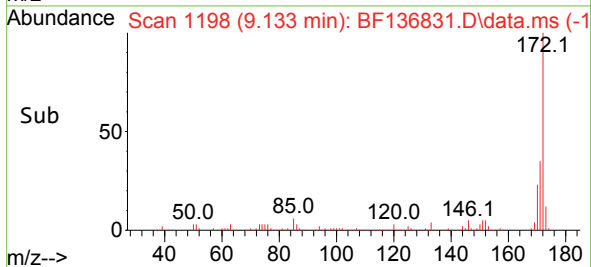
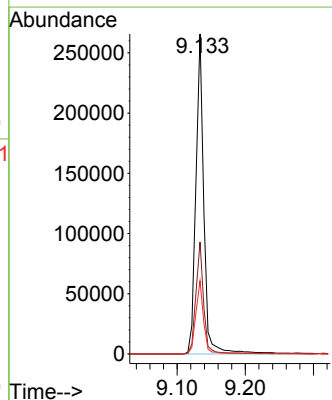
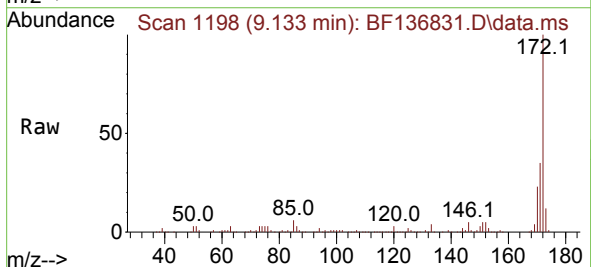
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

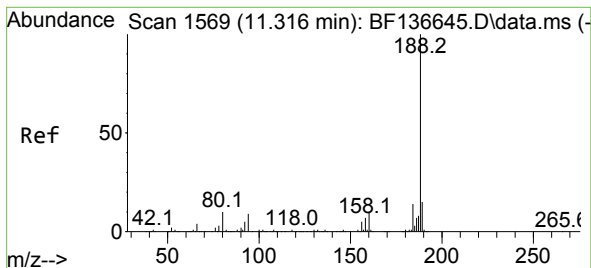
Tgt Ion: 330 Resp: 78383
Ion Ratio Lower Upper
330 100
332 94.4 77.4 116.0
141 29.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 22.079 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion: 172 Resp: 215900
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

Instrument :

BNA_F

ClientSampleId :

GHL-SS-44

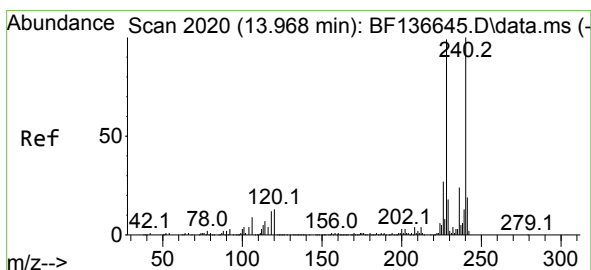
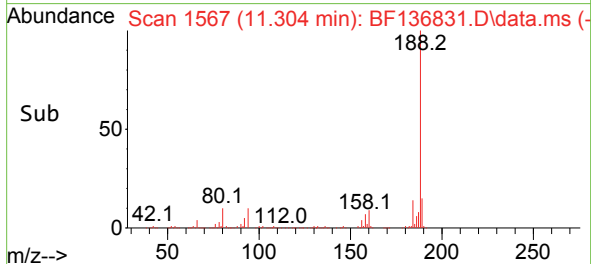
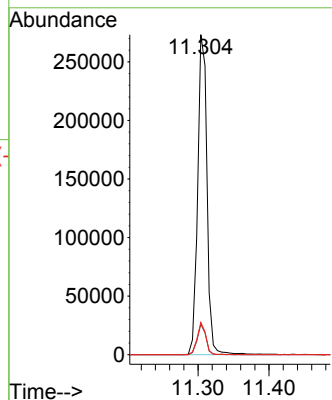
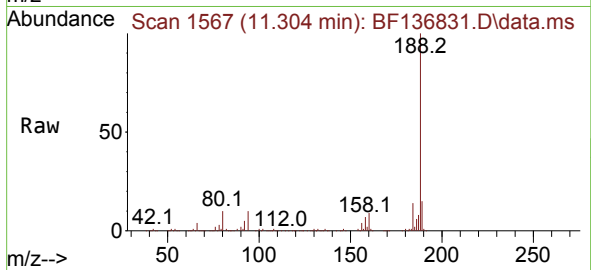
Tgt Ion:188 Resp: 250489

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.1 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: BF136831.D

Acq: 29 Dec 2023 16:11

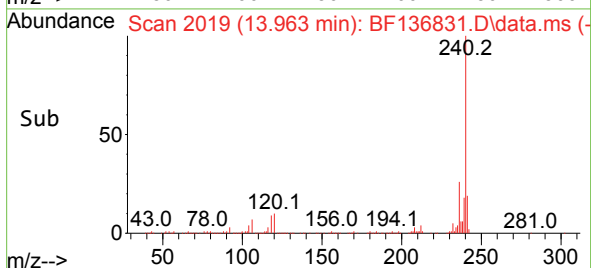
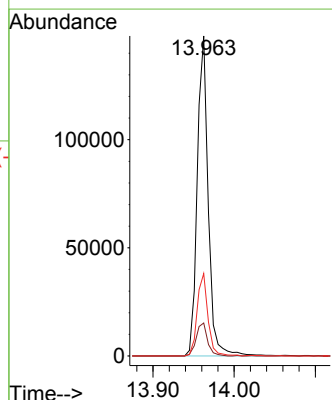
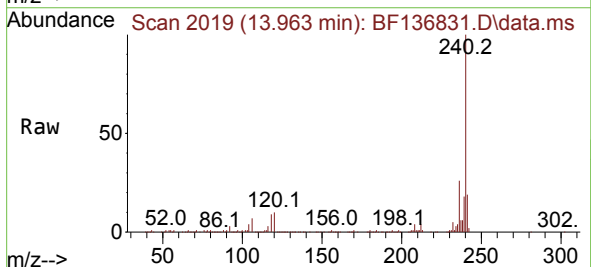
Tgt Ion:240 Resp: 139743

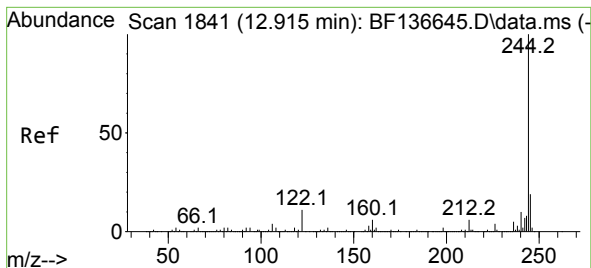
Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

236 25.8 19.4 29.2





#79

Terphenyl-d14

Concen: 29.663 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

Instrument :

BNA_F

ClientSampleId :

GHL-SS-44

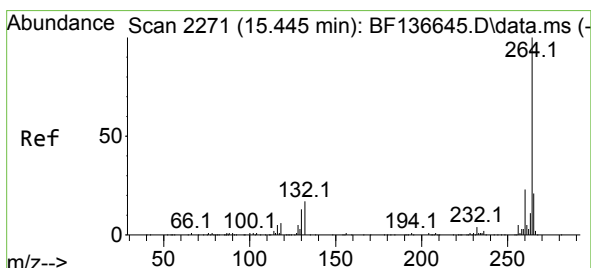
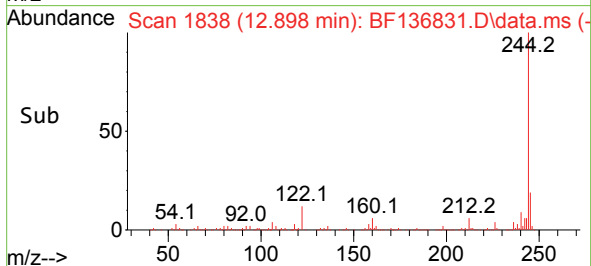
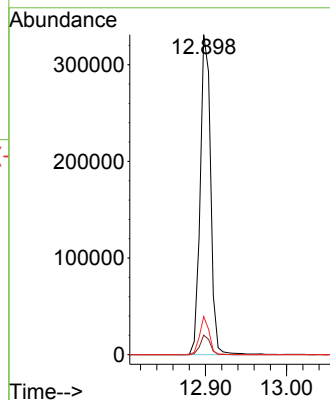
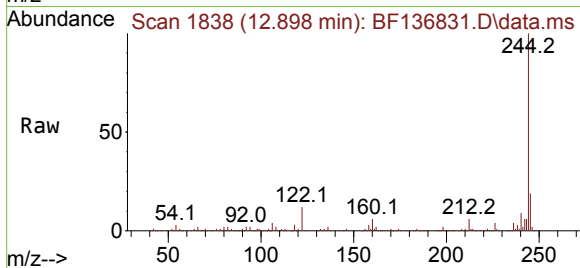
Tgt Ion:244 Resp: 296619

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.9 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: BF136831.D

Acq: 29 Dec 2023 16:11

Tgt Ion:264 Resp: 129788

Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 20.4 17.0 25.6

