

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136829.D
 Acq On : 29 Dec 2023 15:10
 Operator : CG\JU
 Sample : 05975-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-GWDUP01-122023

Quant Time: Dec 29 15:34:37 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	85408	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	318626	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	73857	20.000	ng	#-0.01
64) Phenanthrene-d10	11.310	188	280412	20.000	ng	0.00
76) Chrysene-d12	13.963	240	99318	20.000	ng	0.00
86) Perylene-d12	15.445	264	3052	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	4124	0.753	ng	0.03
7) Phenol-d6	6.439	99	36845	5.195	ng	0.00
23) Nitrobenzene-d5	7.339	82	276727	44.442	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	1166	1.340	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	515089	93.801	ng	-0.02
79) Terphenyl-d14	12.904	244	541178	76.147	ng	-0.01

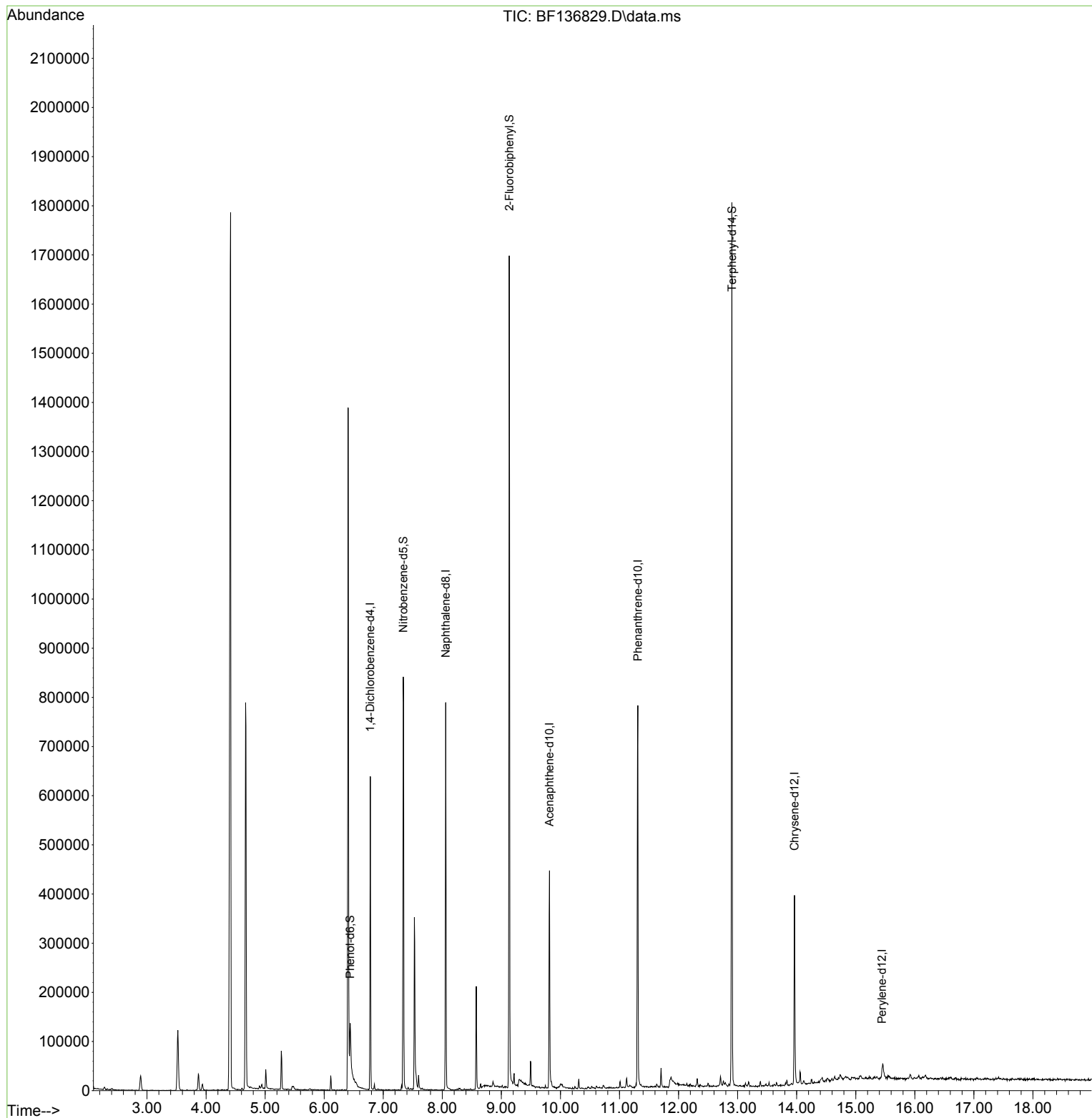
Target Compounds	Qvalue

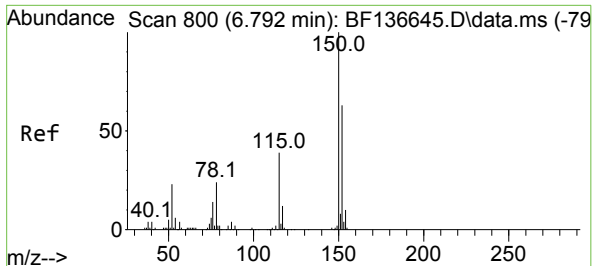
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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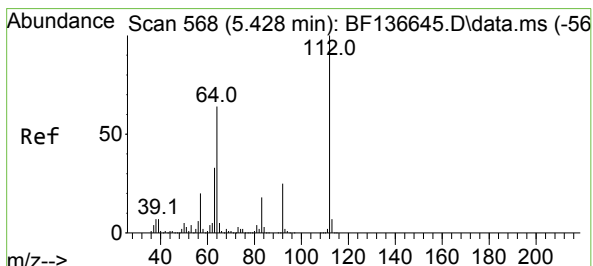
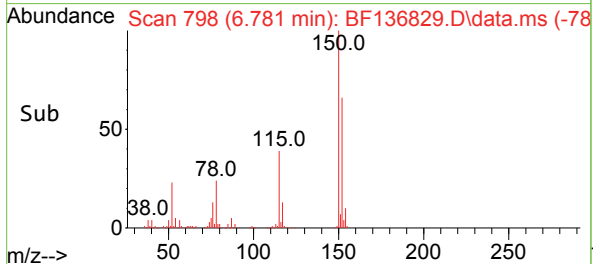
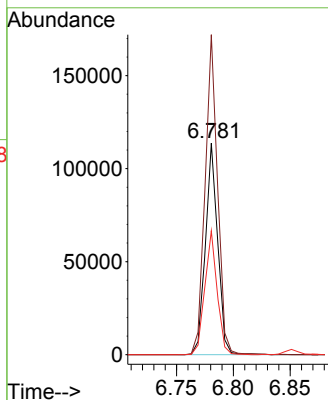
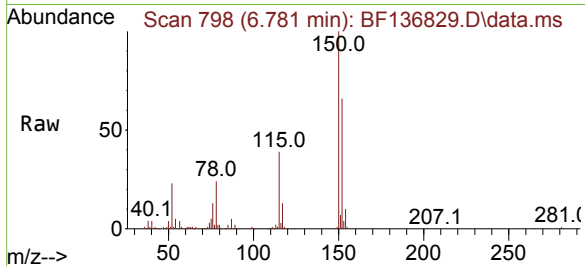




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

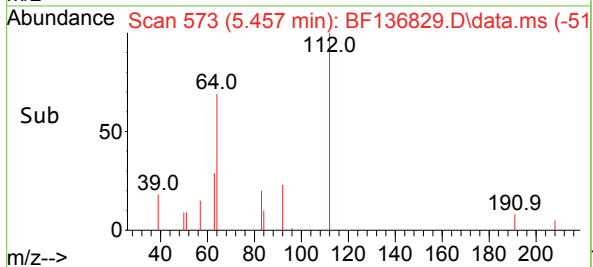
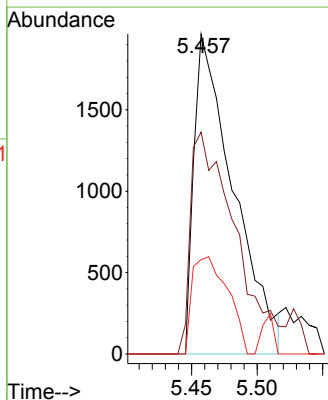
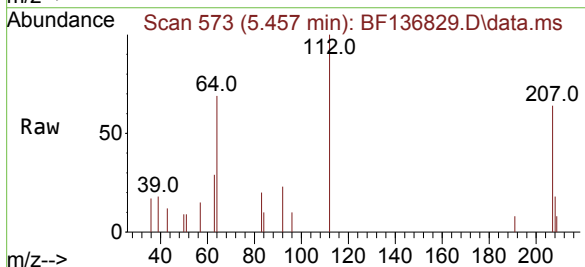
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023

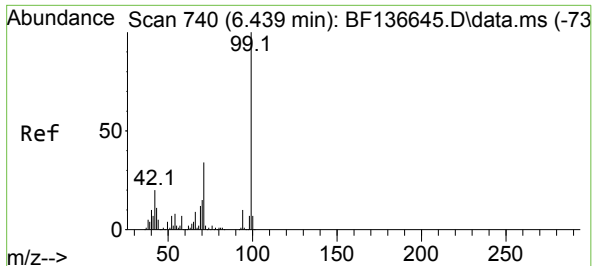
Tgt Ion:152 Resp: 85408
Ion Ratio Lower Upper
152 100
150 151.3 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 0.753 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.029 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

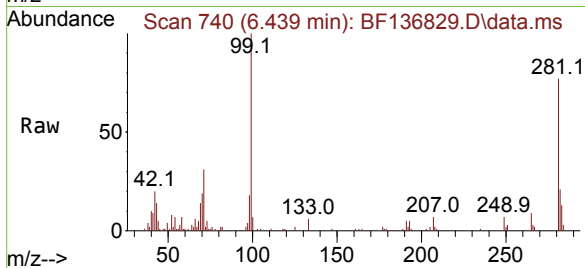
Tgt Ion:112 Resp: 4124
Ion Ratio Lower Upper
112 100
64 69.3 51.1 76.7
63 29.5 26.1 39.1





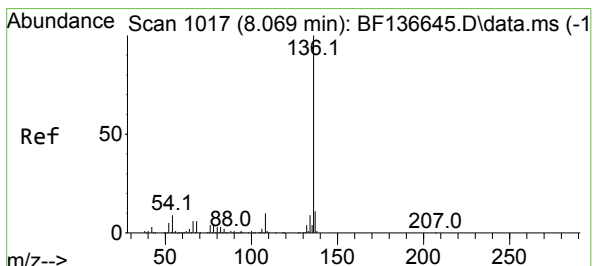
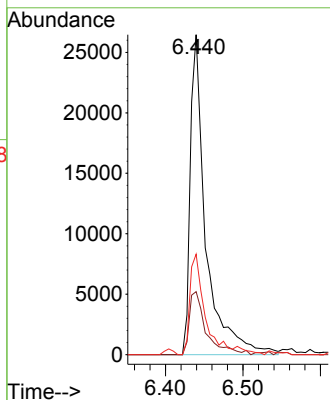
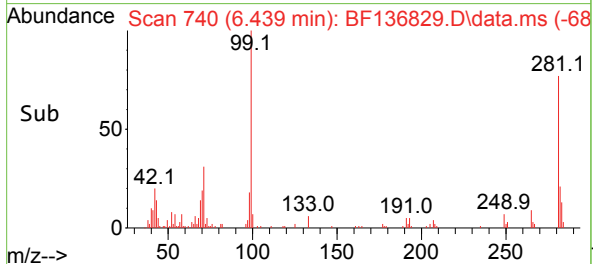
#7
Phenol-d6
Concen: 5.195 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023

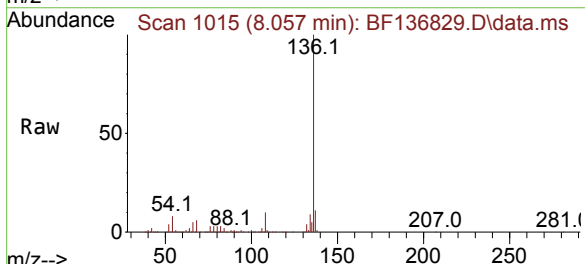


Tgt Ion: 99 Resp: 36845

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.1	24.1
71	31.4	27.4	41.2

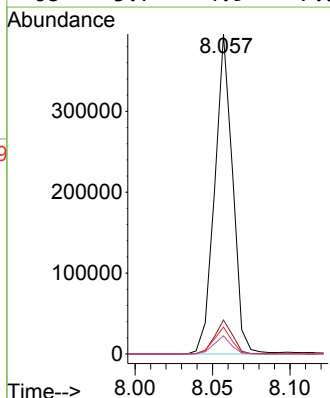
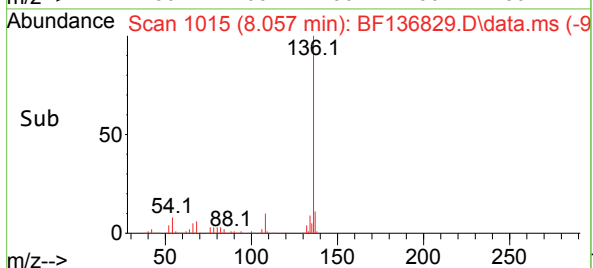


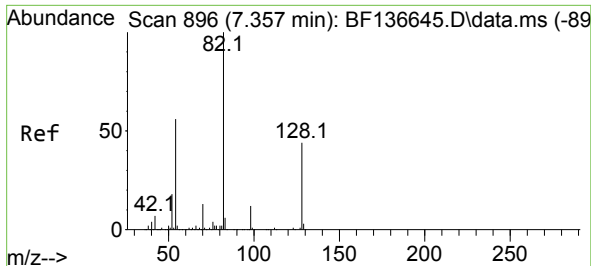
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10



Tgt Ion: 136 Resp: 318626

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.4	7.2	10.8
68	5.7	4.9	7.3

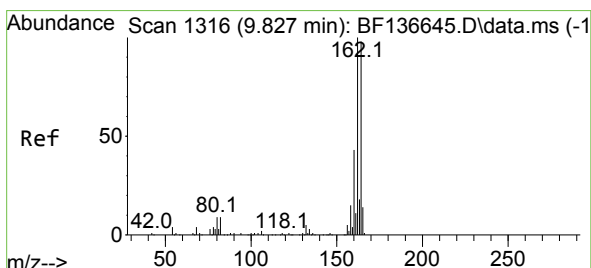
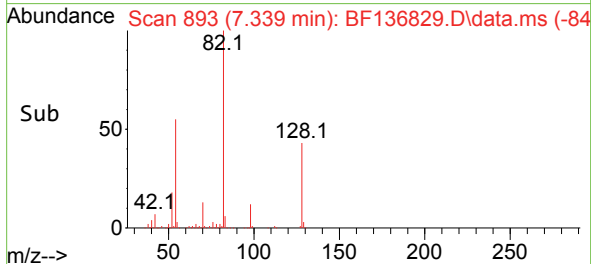
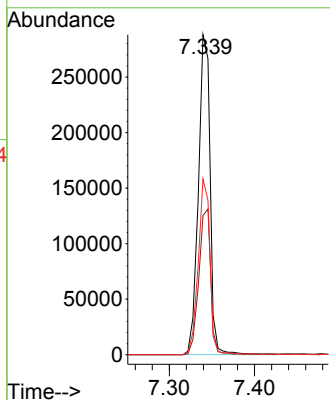
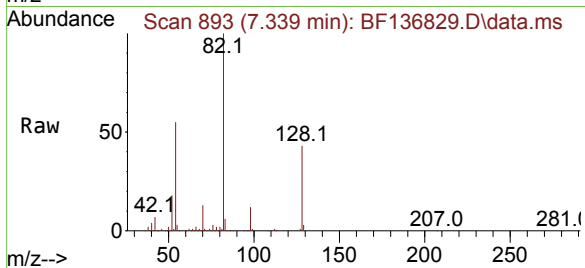




#23
Nitrobenzene-d5
Concen: 44.442 ng
RT: 7.339 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

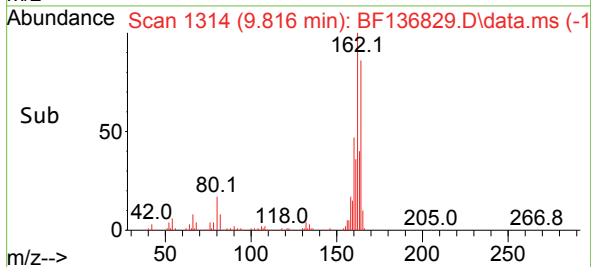
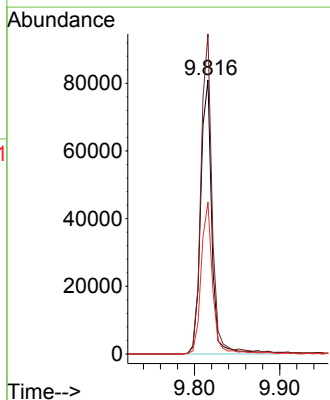
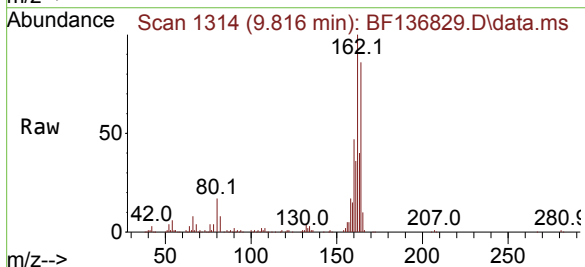
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023

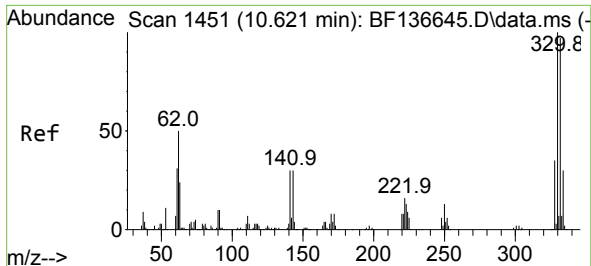
Tgt Ion: 82 Resp: 276727
Ion Ratio Lower Upper
82 100
128 43.4 35.3 52.9
54 54.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

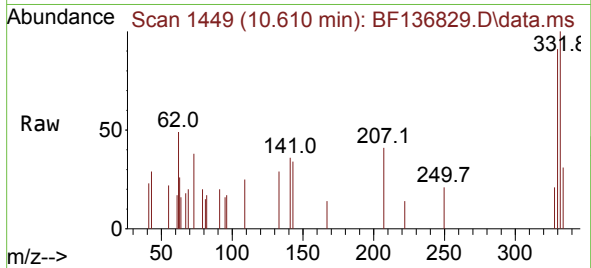
Tgt Ion: 164 Resp: 73857
Ion Ratio Lower Upper
164 100
162 116.9 81.6 122.4
160 55.4 34.9 52.3



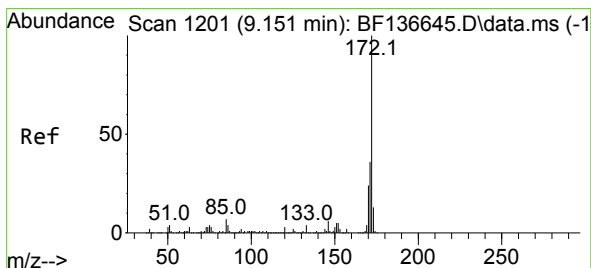
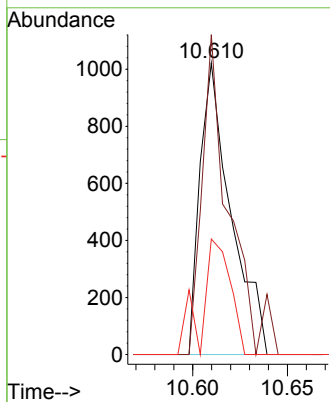
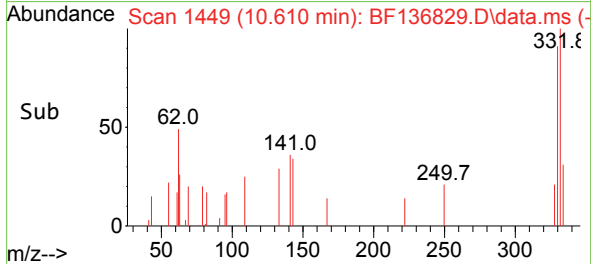


#42
2,4,6-Tribromophenol
Concen: 1.340 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023

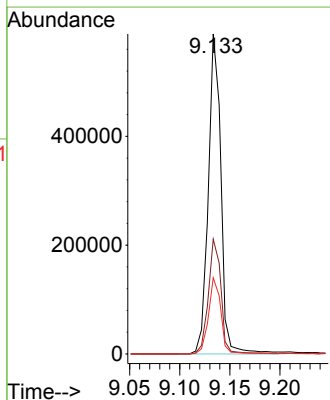
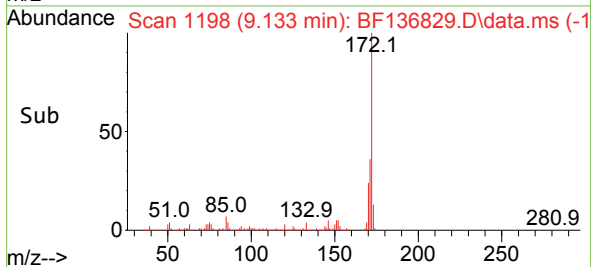
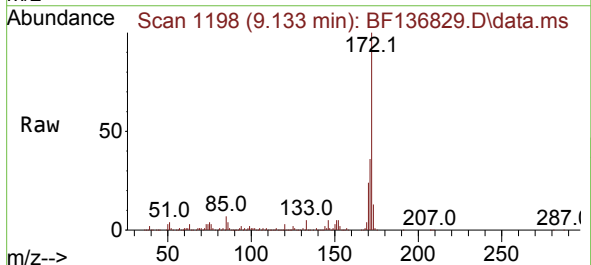


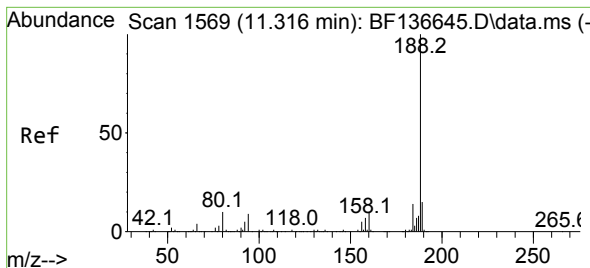
Tgt Ion:330 Resp: 1166
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 36.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 93.801 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136829.D
Acq: 29 Dec 2023 15:10

Tgt Ion:172 Resp: 515089
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136829.D

Acq: 29 Dec 2023 15:10

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023

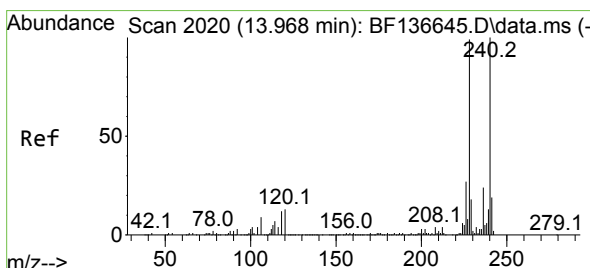
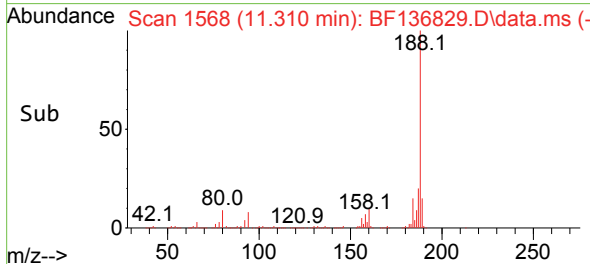
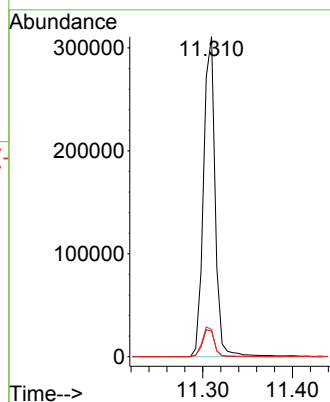
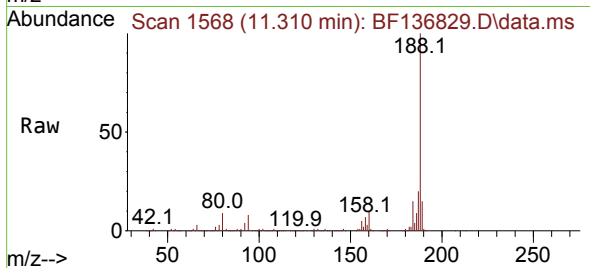
Tgt Ion:188 Resp: 280412

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.5 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: BF136829.D

Acq: 29 Dec 2023 15:10

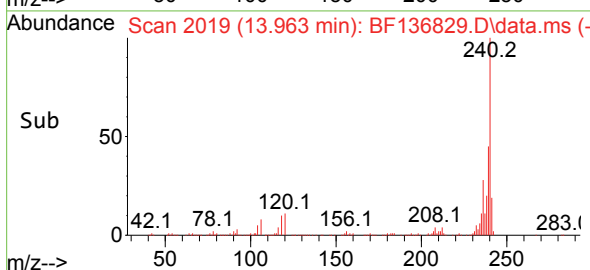
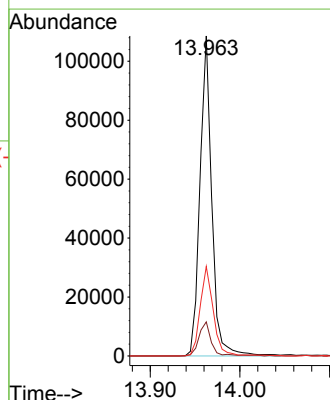
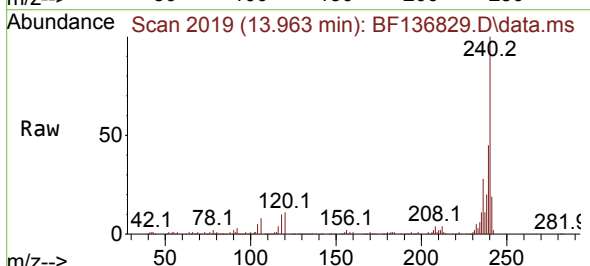
Tgt Ion:240 Resp: 99318

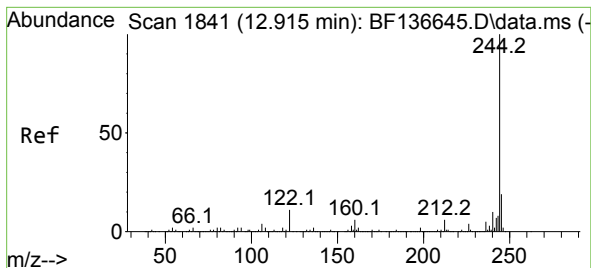
Ion Ratio Lower Upper

240 100

120 10.7 10.3 15.5

236 27.9 19.4 29.2





#79

Terphenyl-d14

Concen: 76.147 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136829.D

Acq: 29 Dec 2023 15:10

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023

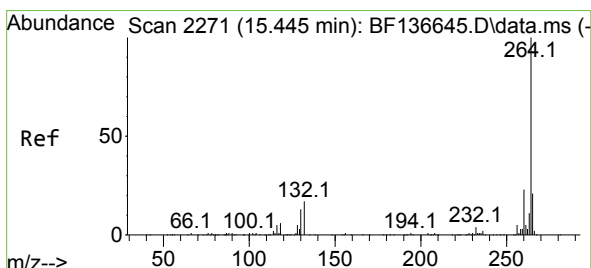
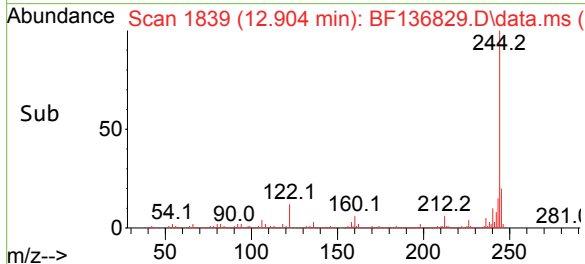
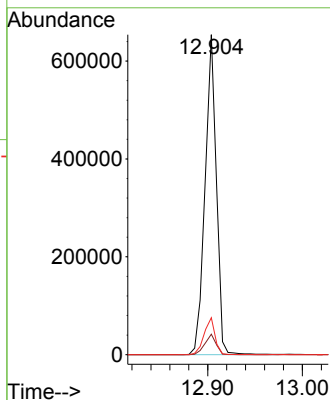
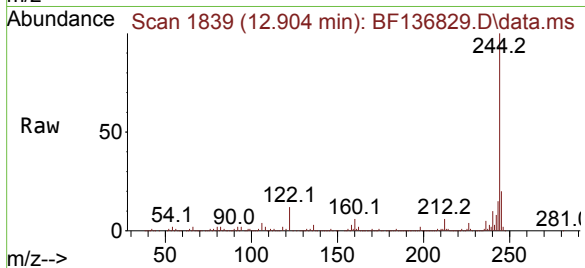
Tgt Ion:244 Resp: 541178

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.6 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: BF136829.D

Acq: 29 Dec 2023 15:10

Tgt Ion:264 Resp: 3052

Ion Ratio Lower Upper

264 100

260 75.8 18.3 27.5#

265 17.8 17.0 25.6

