

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136279.D
 Acq On : 29 Nov 2023 12:49
 Operator : CG\JU
 Sample : PB157160BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157160BL

Quant Time: Nov 29 13:06:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140116	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	606257	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319164	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	625152	20.000	ng	0.00
76) Chrysene-d12	13.980	240	351804	20.000	ng	-0.01
86) Perylene-d12	15.468	264	241050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1386470	137.726	ng	0.02
7) Phenol-d6	6.446	99	1693860	134.569	ng	0.00
23) Nitrobenzene-d5	7.369	82	1057982	92.217	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	551029	141.215	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2202553	88.147	ng	0.00
79) Terphenyl-d14	12.933	244	2766700	90.714	ng	0.00

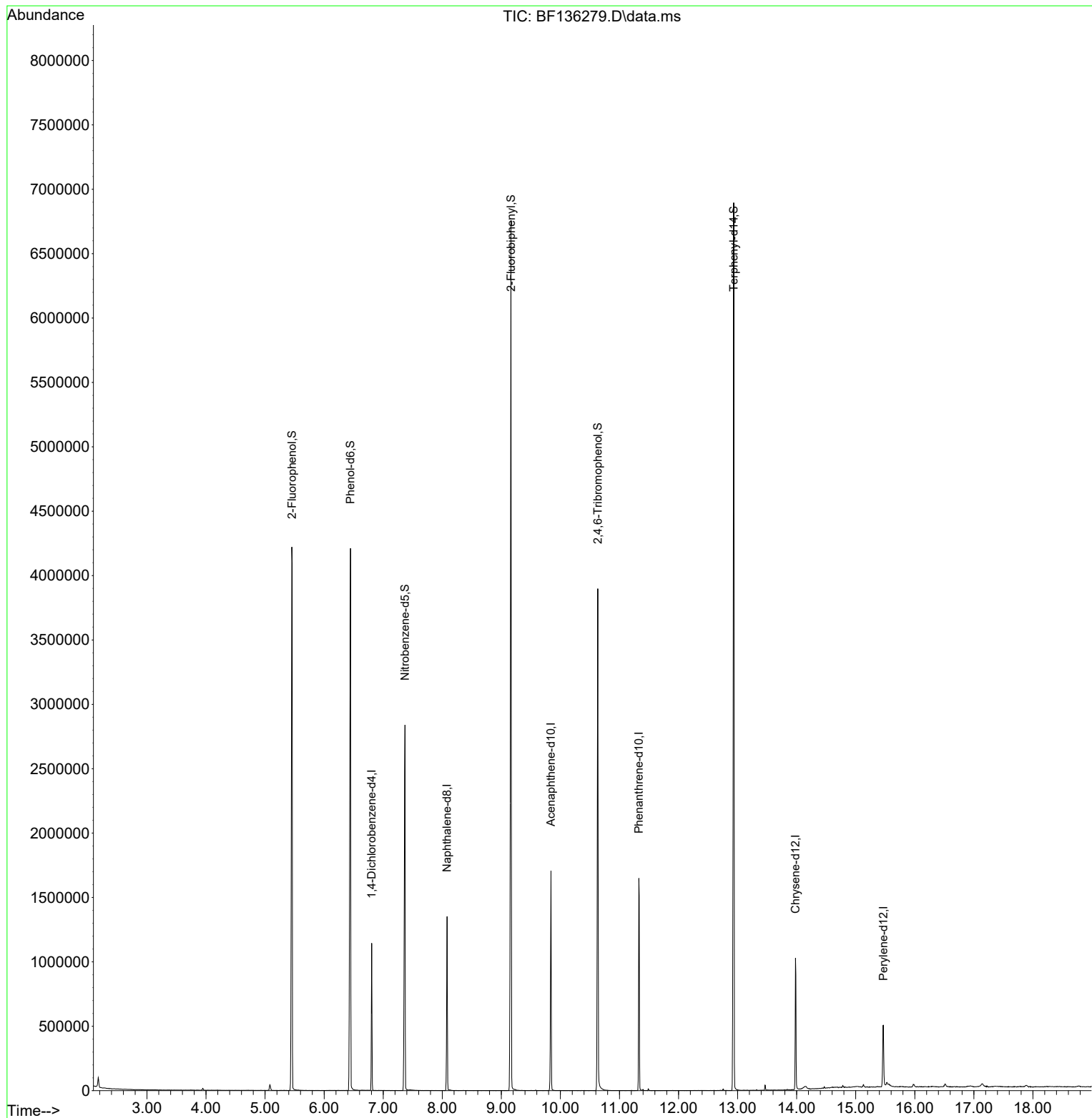
Target Compounds	Qvalue

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

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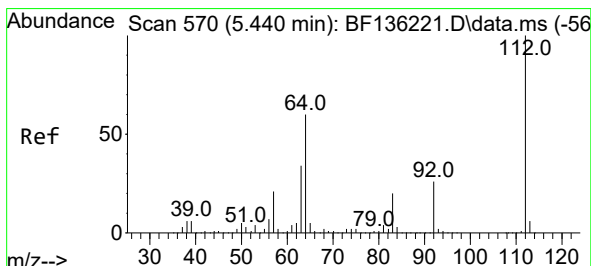
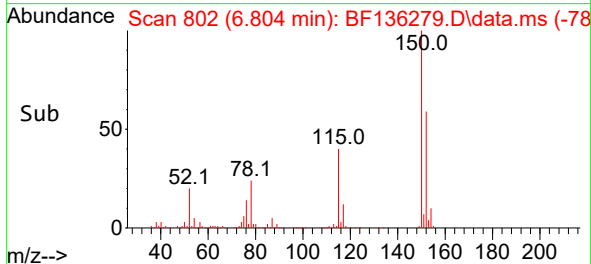
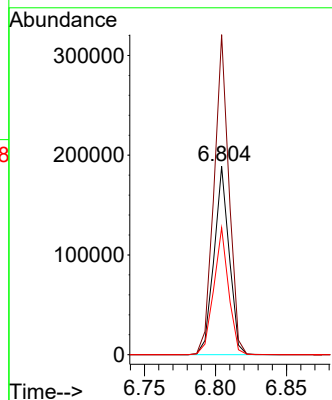
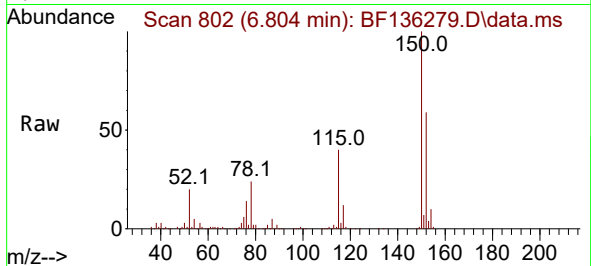




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

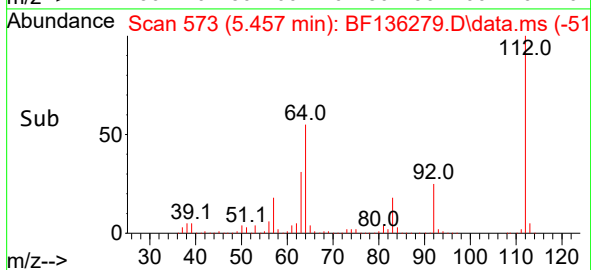
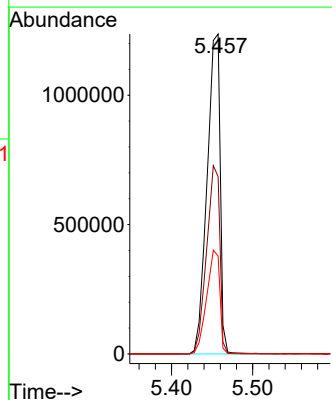
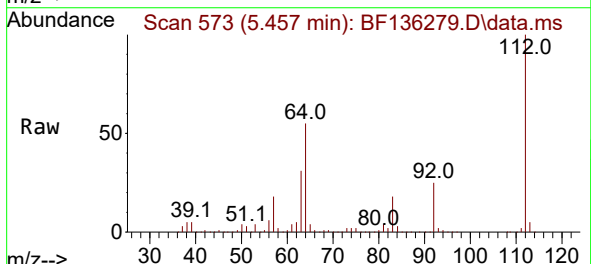
Instrument :
BNA_F
ClientSampleId :
PB157160BL

Tgt Ion:152 Resp: 140116
Ion Ratio Lower Upper
152 100
150 169.9 137.8 206.8
115 67.4 52.7 79.1



#5
2-Fluorophenol
Concen: 137.726 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:112 Resp: 1386470
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.6 27.0 40.6

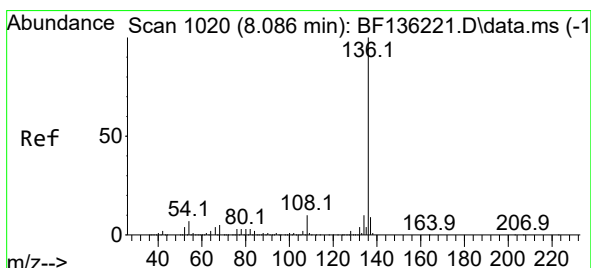
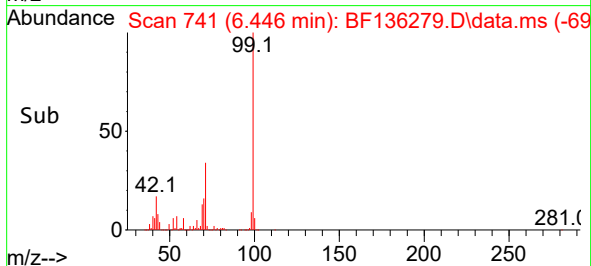
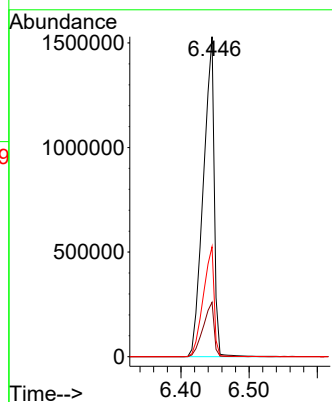
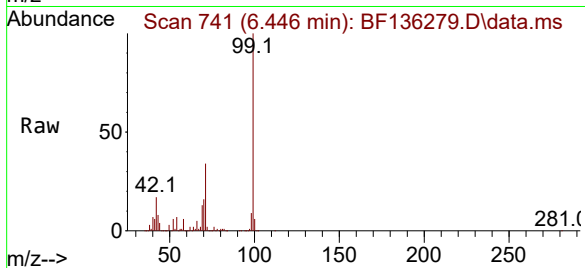




#7
Phenol-d6
Concen: 134.569 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

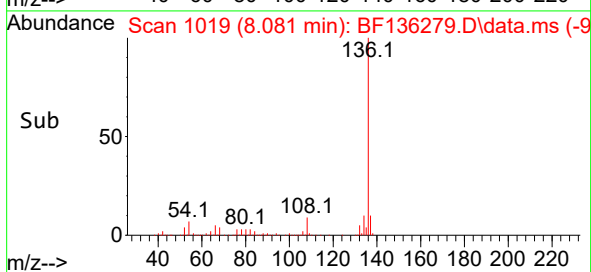
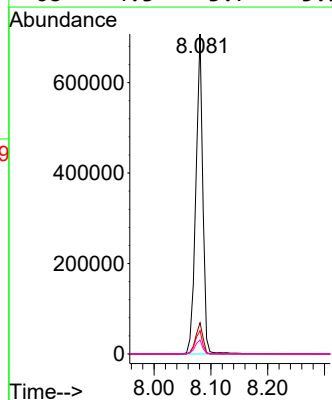
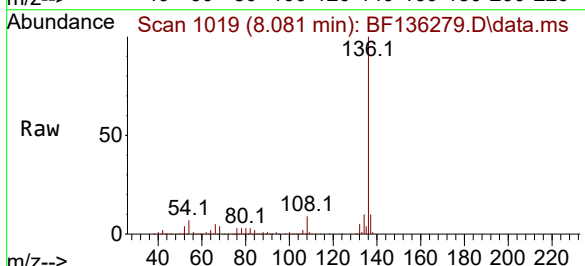
Instrument :
BNA_F
ClientSampleId :
PB157160BL

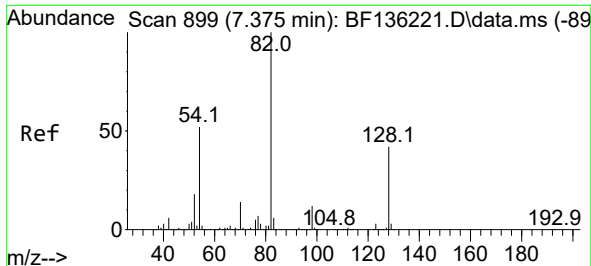
Tgt Ion: 99 Resp: 1693860
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:136 Resp: 606257
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.3 5.5 8.3
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 92.217 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136279.D

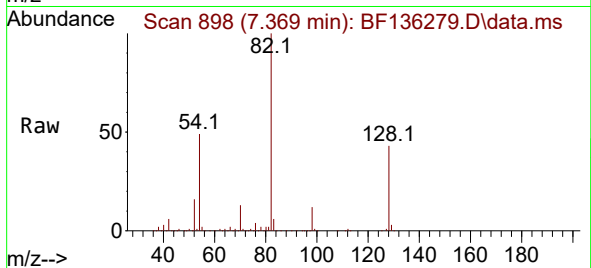
Acq: 29 Nov 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB157160BL



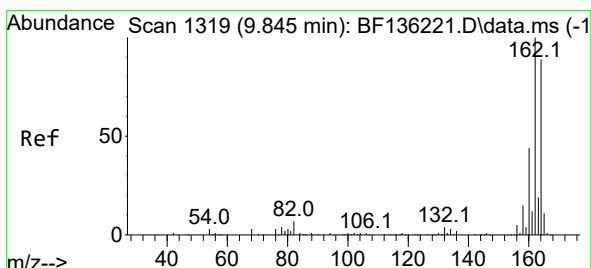
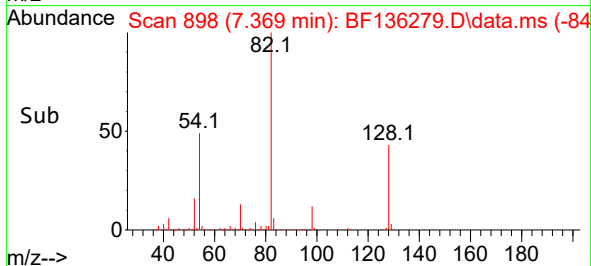
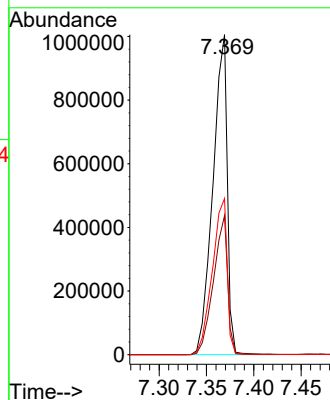
Tgt Ion: 82 Resp: 1057982

Ion Ratio Lower Upper

82 100

128 43.4 33.4 50.2

54 48.8 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

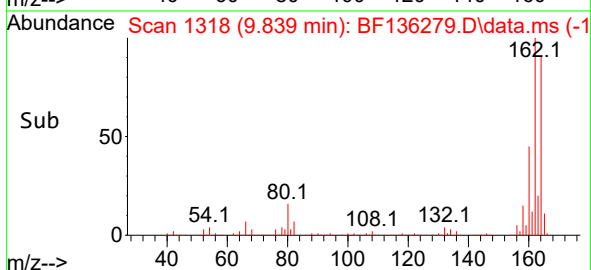
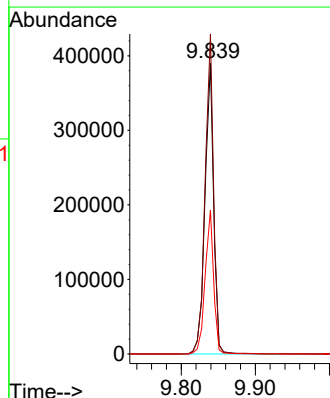
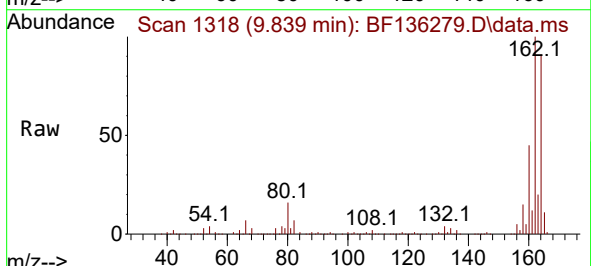
Tgt Ion:164 Resp: 319164

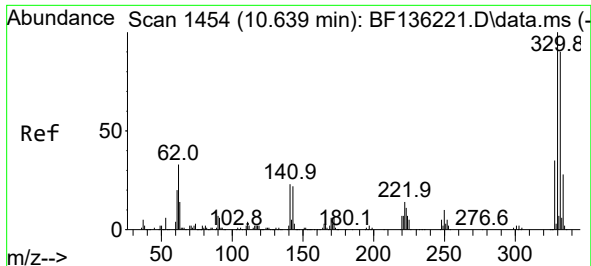
Ion Ratio Lower Upper

164 100

162 109.9 89.5 134.3

160 49.4 39.6 59.4

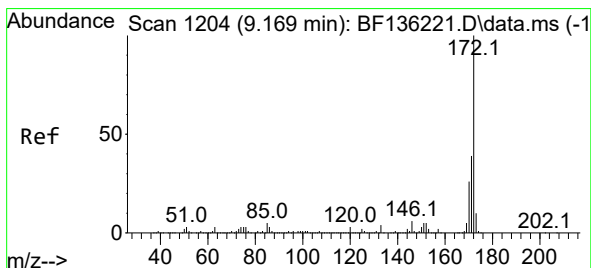
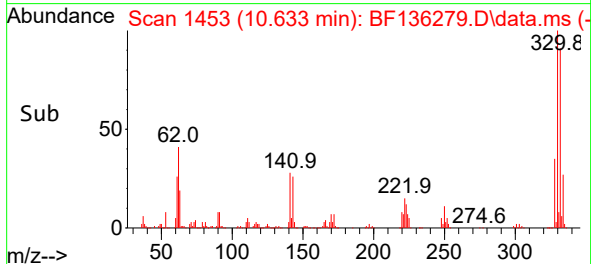
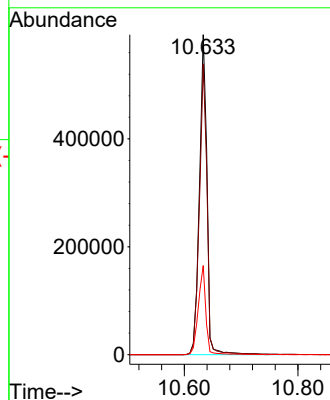
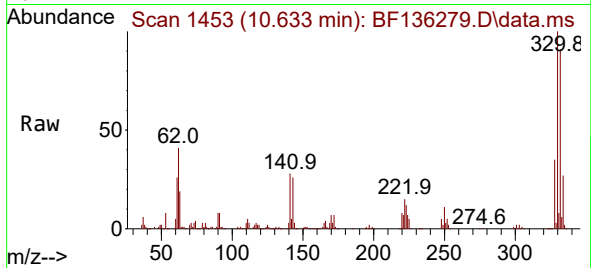




#42
2,4,6-Tribromophenol
Concen: 141.215 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

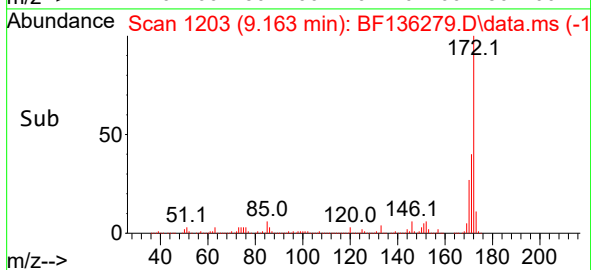
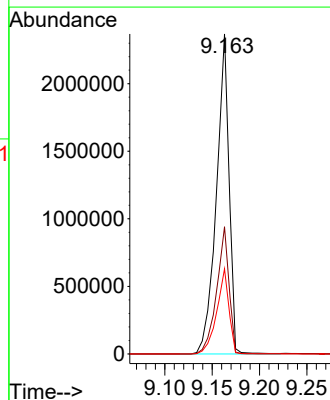
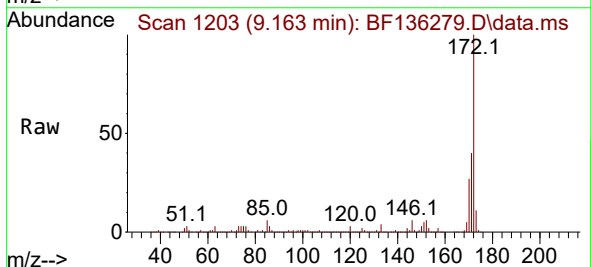
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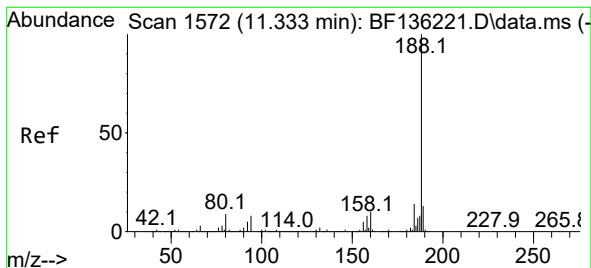
Tgt Ion:330 Resp: 551029
Ion Ratio Lower Upper
330 100
332 91.8 73.0 109.6
141 28.1 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 88.147 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:172 Resp: 2202553
Ion Ratio Lower Upper
172 100
171 39.7 31.5 47.3
170 26.6 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB157160BL

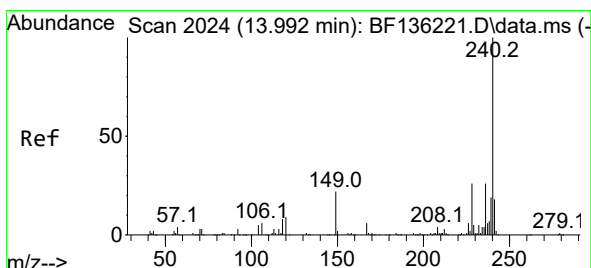
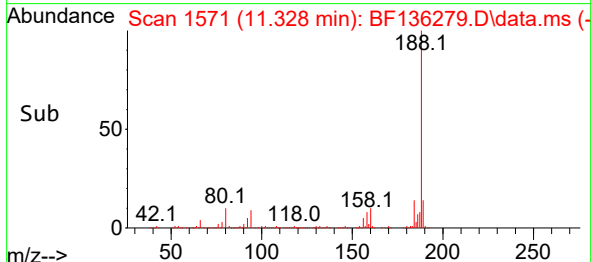
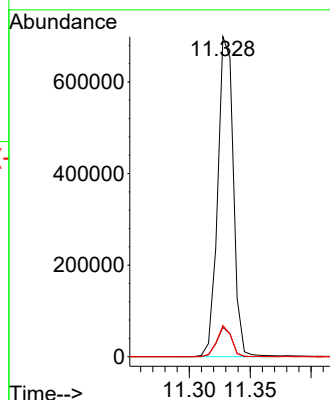
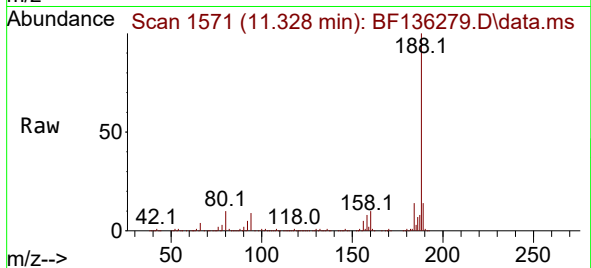
Tgt Ion:188 Resp: 625152

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

80 9.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

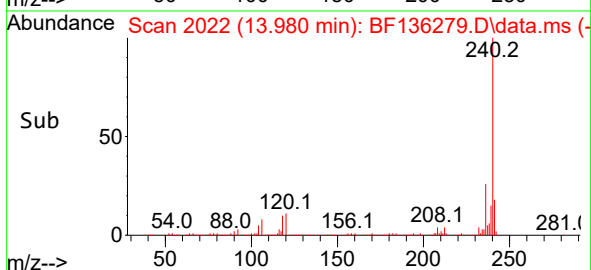
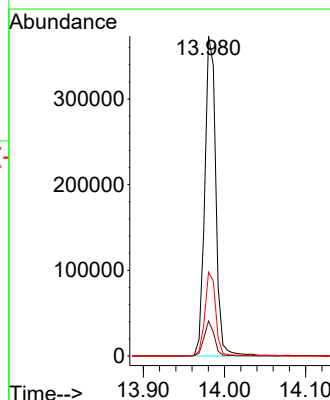
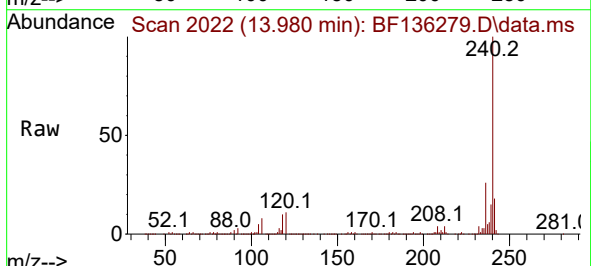
Tgt Ion:240 Resp: 351804

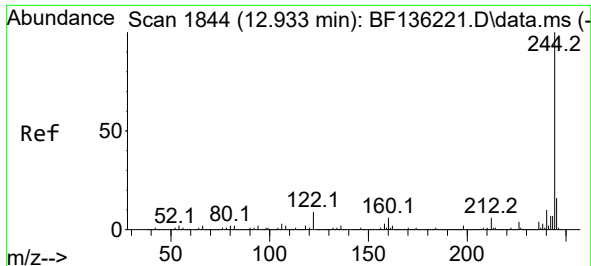
Ion Ratio Lower Upper

240 100

120 11.0 7.4 11.2

236 26.2 21.1 31.7

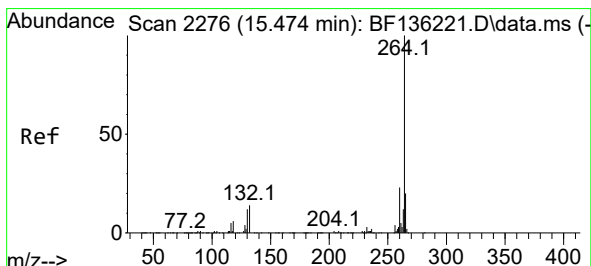
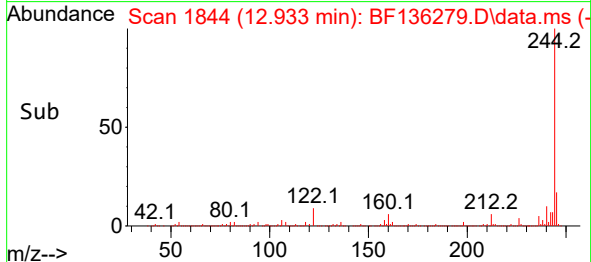
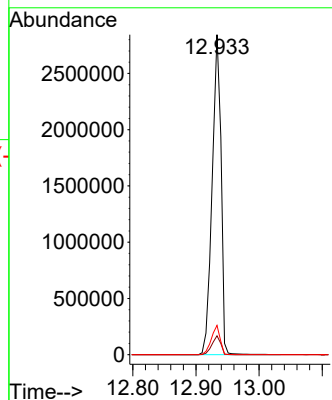
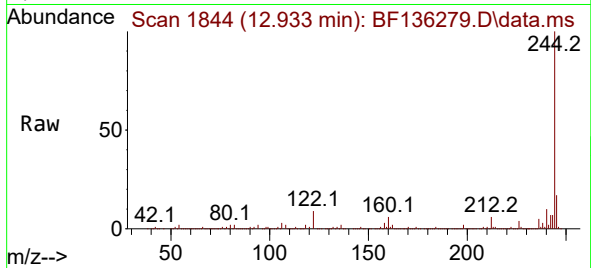




#79
 Terphenyl-d14
 Concen: 90.714 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136279.D
 Acq: 29 Nov 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB157160BL

Tgt Ion:244 Resp: 2766700
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136279.D
 Acq: 29 Nov 2023 12:49

Tgt Ion:264 Resp: 241050
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 20.2 15.7 23.5

