

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131275.D
 Acq On : 16 Nov 2022 20:21
 Operator : CG\JU
 Sample : N5497-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Nov 16 22:18:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

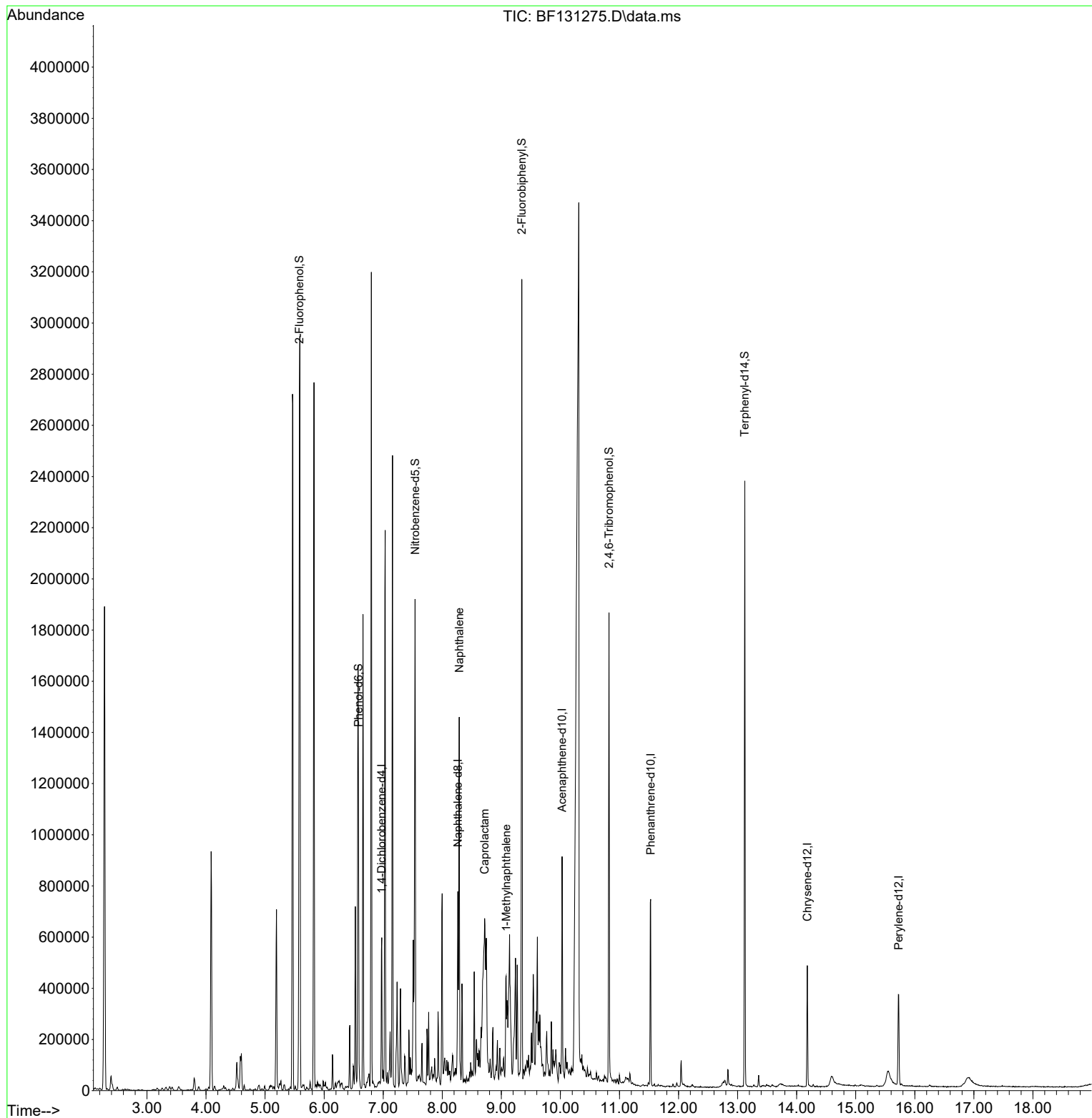
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	81284	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	291647	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	159881	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	270174	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	146932	20.000	ng	0.00
86) Perylene-d12	15.727	264	175864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	325138	70.831	ng	0.00
7) Phenol-d6	6.581	99	291851	50.198	ng	-0.01
23) Nitrobenzene-d5	7.540	82	507967	97.762	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	185984	121.781	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	908562	83.162	ng	0.00
79) Terphenyl-d14	13.122	244	756227	88.384	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.287	128	502057	31.774	ng	98
35) Caprolactam	8.716	113	178819	131.692	ng	91
38) 1-Methylnaphthalene	9.081	142	51760	5.072	ng	97

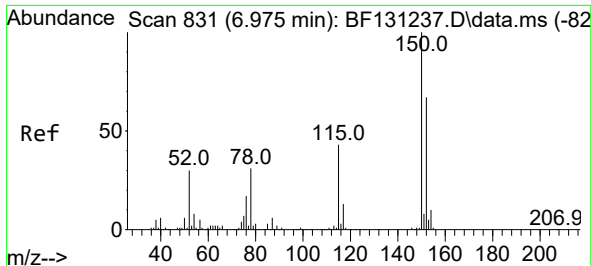
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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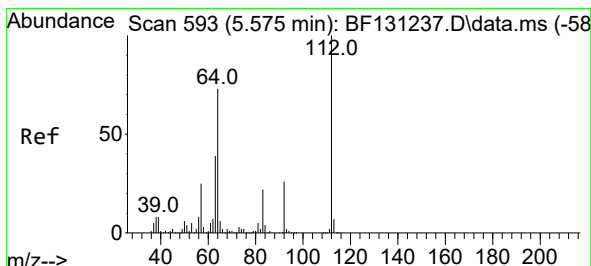
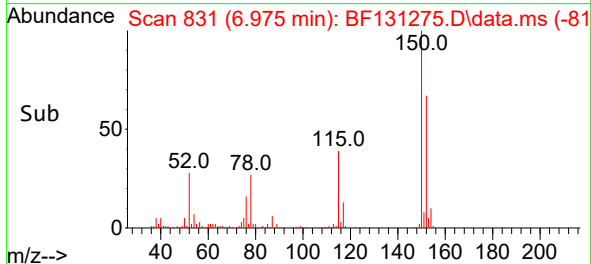
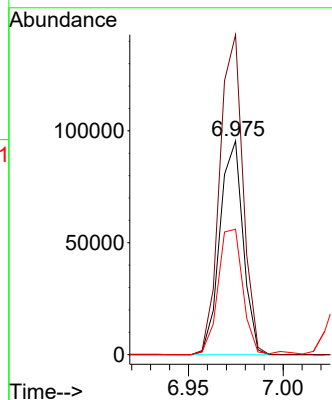
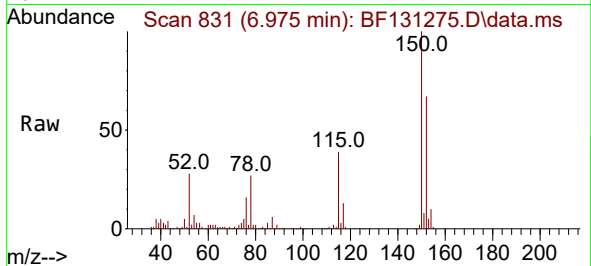




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

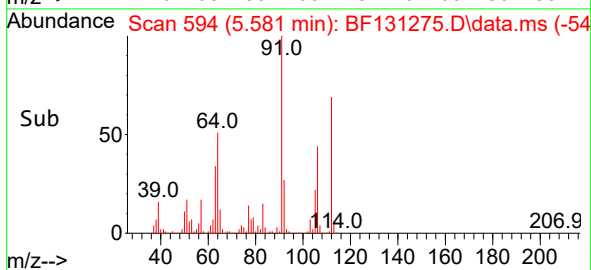
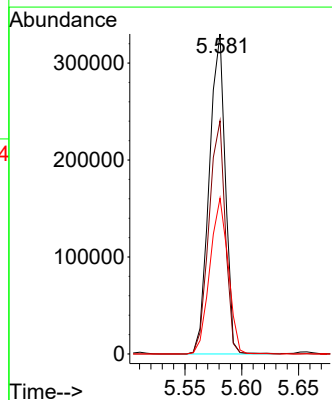
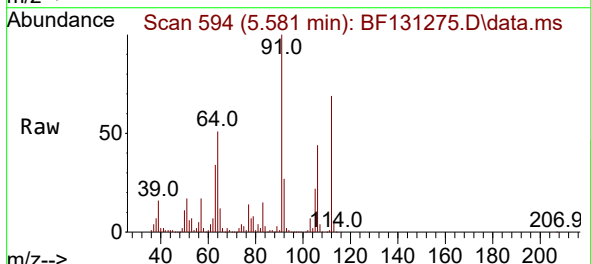
Instrument :
BNA_F
ClientSampleId :
MW-12

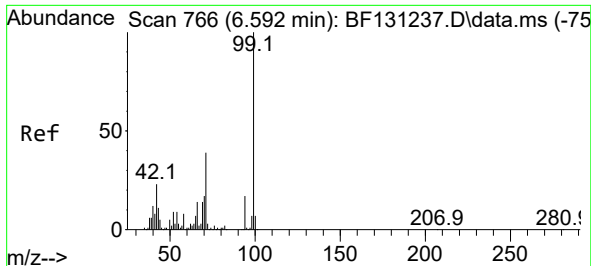
Tgt Ion:152 Resp: 81284
Ion Ratio Lower Upper
152 100
150 149.7 120.2 180.4
115 58.7 51.8 77.8



#5
2-Fluorophenol
Concen: 70.831 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.006 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

Tgt Ion:112 Resp: 325138
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 48.7 31.6 47.4#

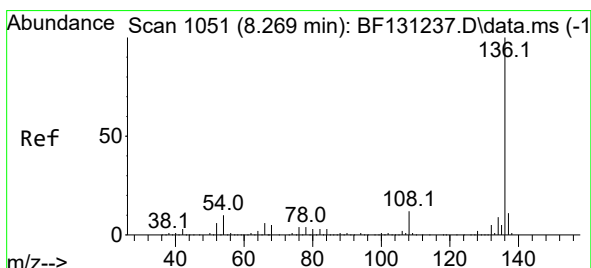
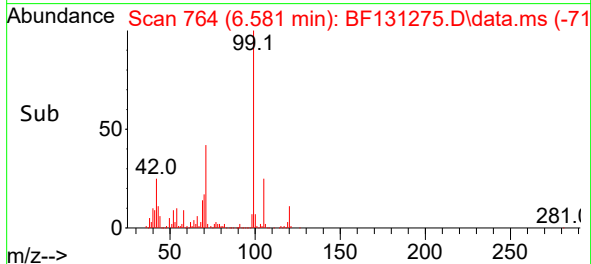
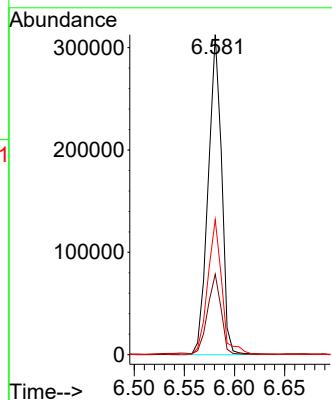
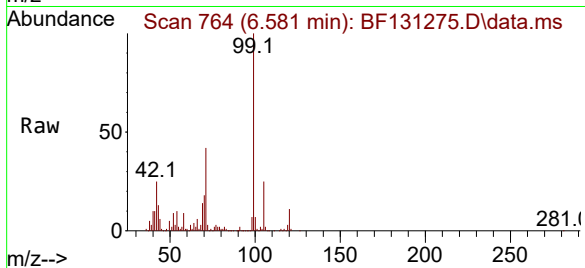




#7
Phenol-d6
Concen: 50.198 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

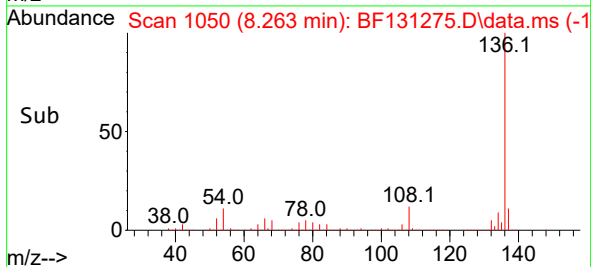
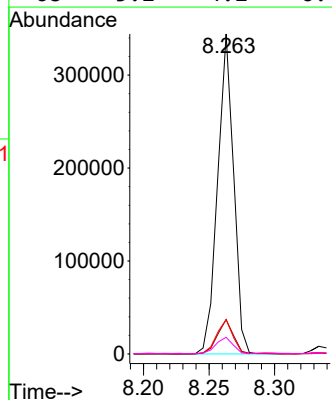
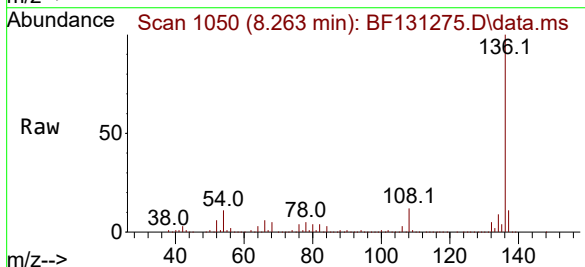
Instrument :
BNA_F
ClientSampleId :
MW-12

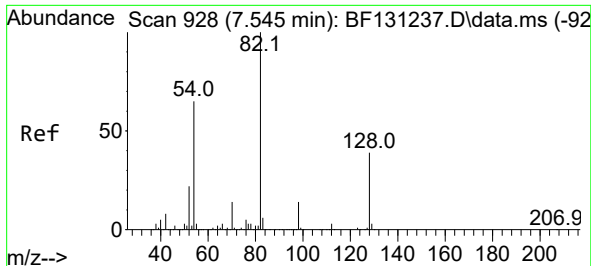
Tgt Ion: 99 Resp: 291851
Ion Ratio Lower Upper
99 100
42 25.2 18.6 28.0
71 42.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

Tgt Ion: 136 Resp: 291647
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 7.8 11.8
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 97.762 ng

RT: 7.540 min Scan# 91

Delta R.T. -0.005 min

Lab File: BF131275.D

Acq: 16 Nov 2022 20:21

Instrument :

BNA_F

ClientSampleId :

MW-12

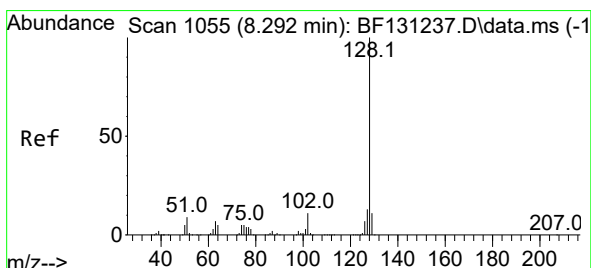
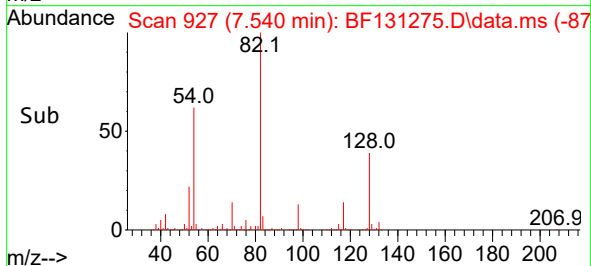
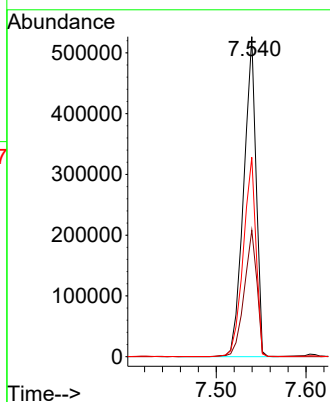
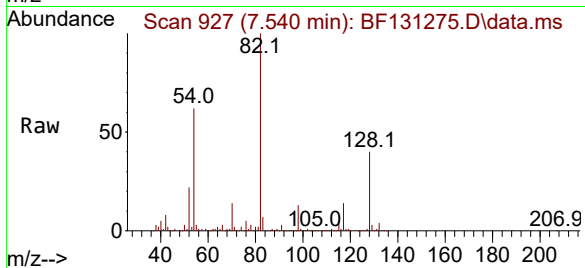
Tgt Ion: 82 Resp: 507967

Ion Ratio Lower Upper

82 100

128 39.5 31.1 46.7

54 62.3 51.8 77.6



#31

Naphthalene

Concen: 31.774 ng

RT: 8.287 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF131275.D

Acq: 16 Nov 2022 20:21

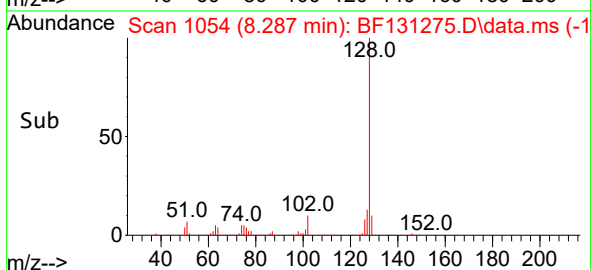
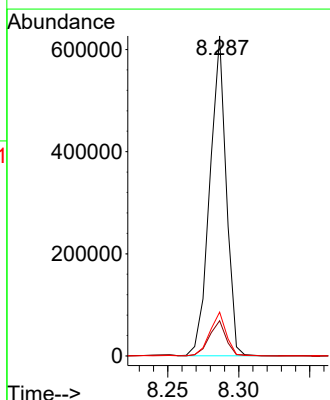
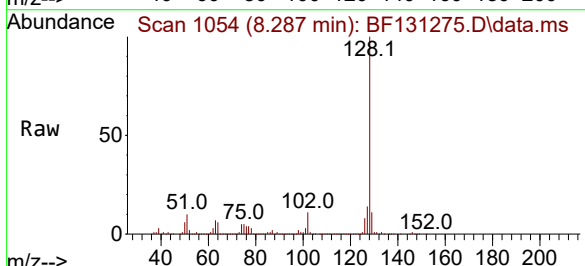
Tgt Ion: 128 Resp: 502057

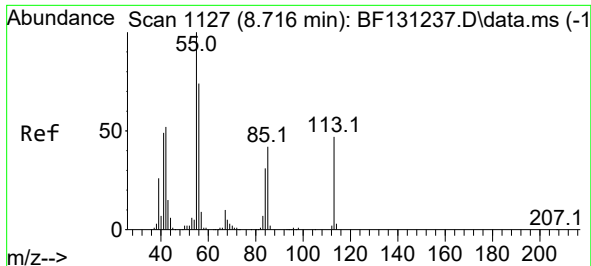
Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.7 10.3 15.5

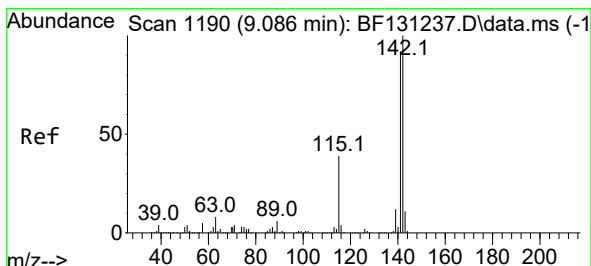
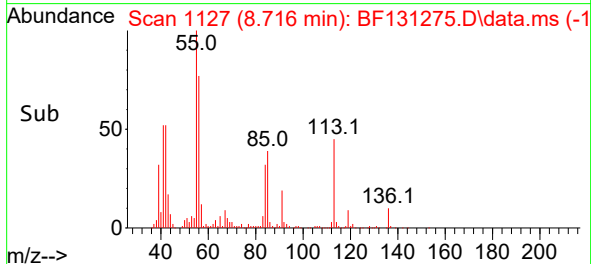
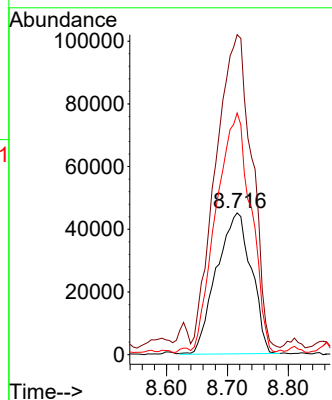
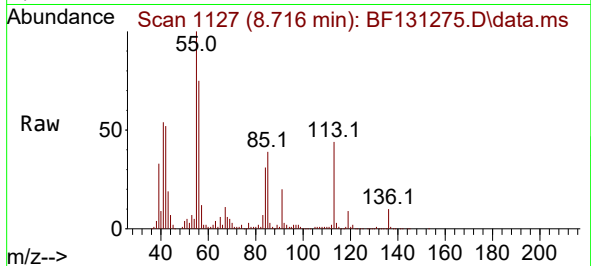




#35
Caprolactam
Concen: 131.692 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

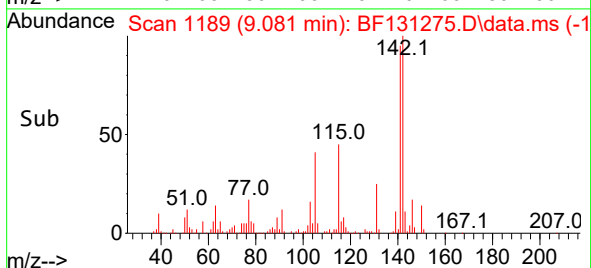
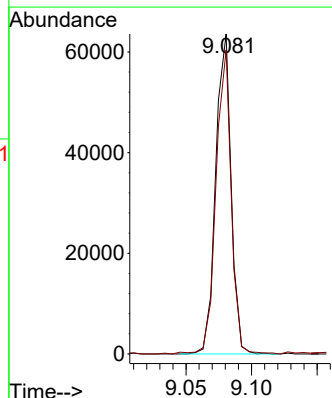
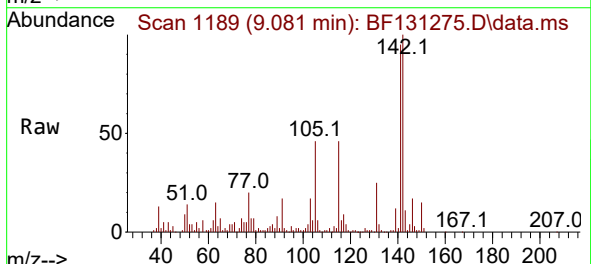
Instrument :
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ClientSampleId :
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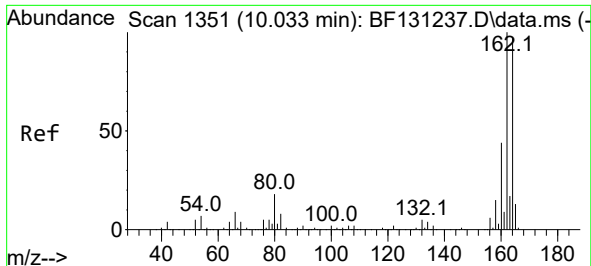
Tgt Ion:113 Resp: 178819
Ion Ratio Lower Upper
113 100
55 225.7 193.2 233.2
56 170.4 137.2 177.2



#38
1-Methylnaphthalene
Concen: 5.072 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

Tgt Ion:142 Resp: 51760
Ion Ratio Lower Upper
142 100
141 95.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131275.D

Acq: 16 Nov 2022 20:21

Instrument :

BNA_F

ClientSampleId :

MW-12

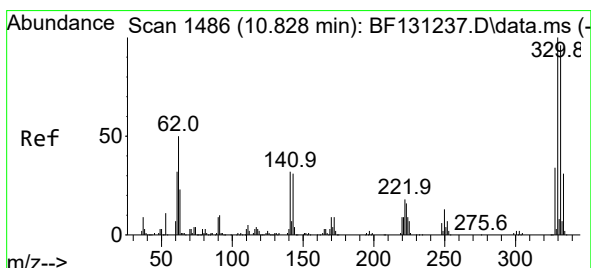
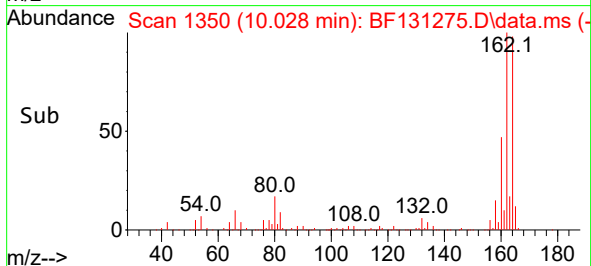
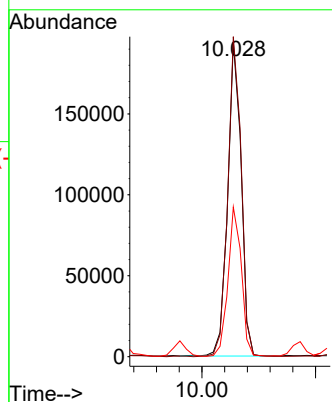
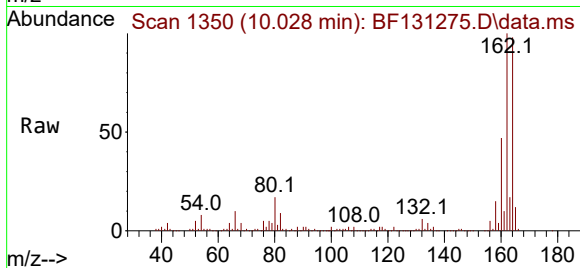
Tgt Ion:164 Resp: 159881

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

160 47.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 121.781 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131275.D

Acq: 16 Nov 2022 20:21

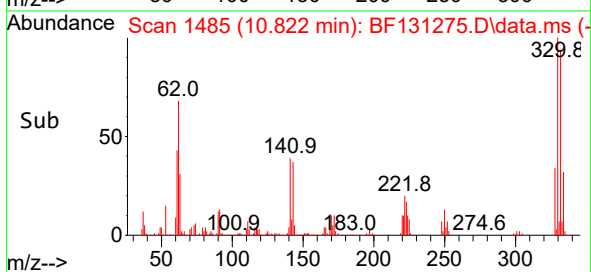
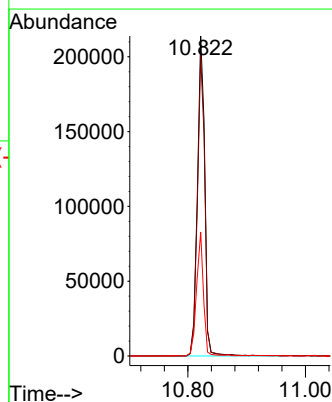
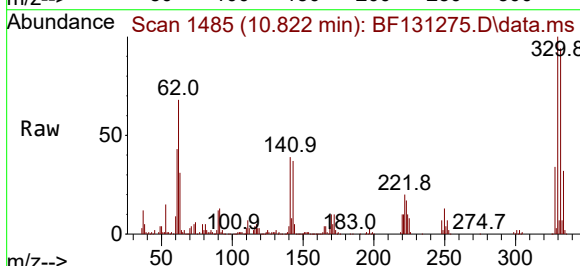
Tgt Ion:330 Resp: 185984

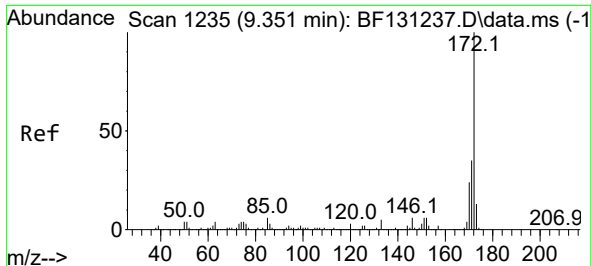
Ion Ratio Lower Upper

330 100

332 93.7 76.8 115.2

141 36.7 29.6 44.4

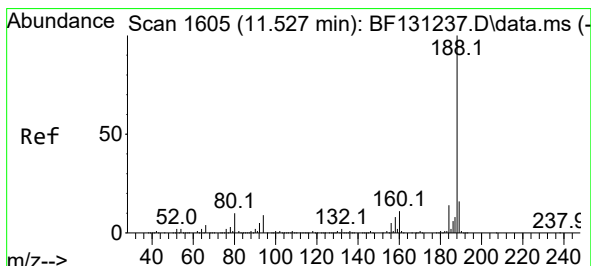
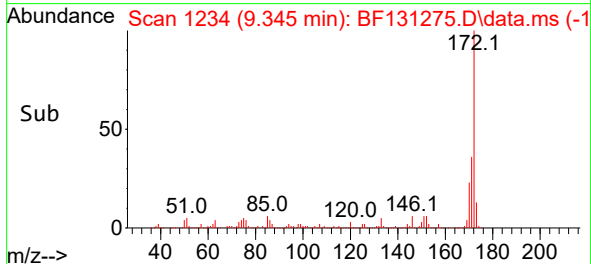
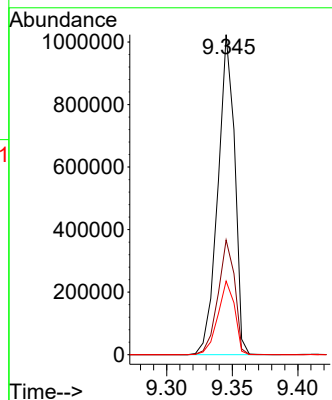
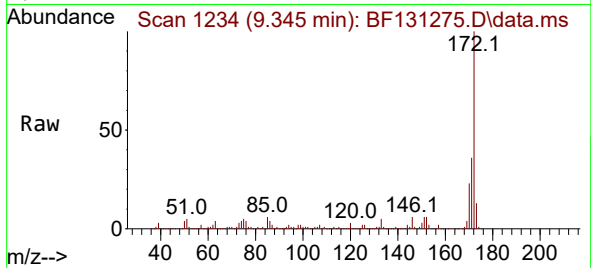




#45
 2-Fluorobiphenyl
 Concen: 83.162 ng
 RT: 9.345 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131275.D
 Acq: 16 Nov 2022 20:21

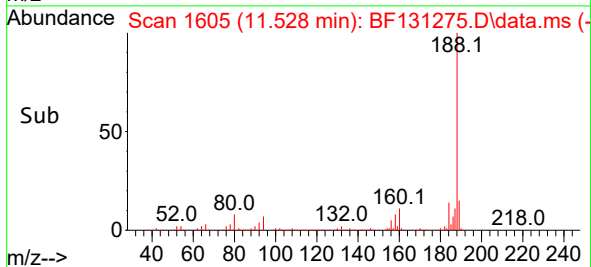
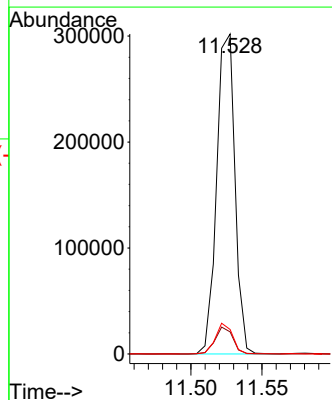
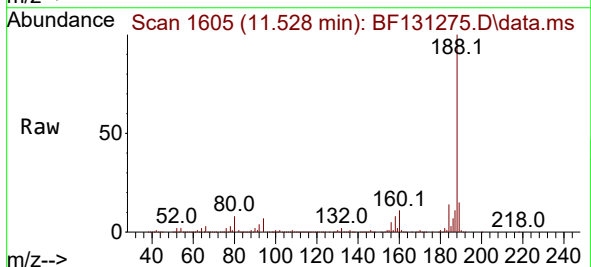
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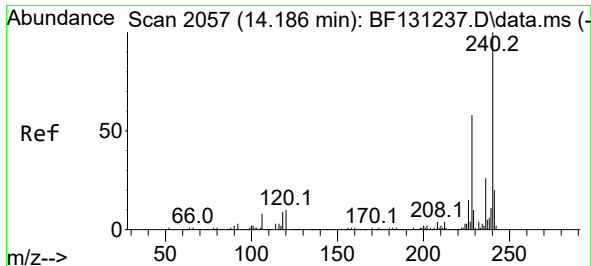
Tgt Ion:172 Resp: 908562
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.2
 170 23.0 18.8 28.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF131275.D
 Acq: 16 Nov 2022 20:21

Tgt Ion:188 Resp: 270174
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.8 10.2
 80 7.6 8.0 12.0#

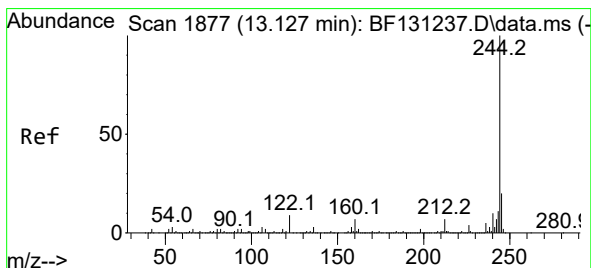
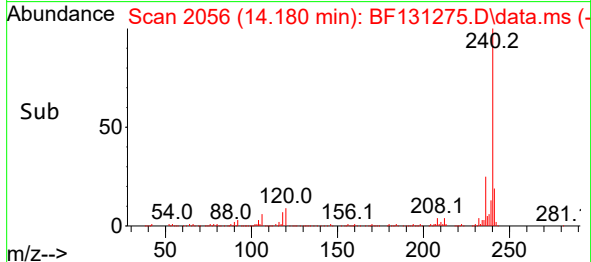
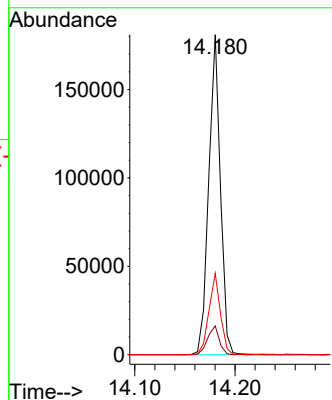
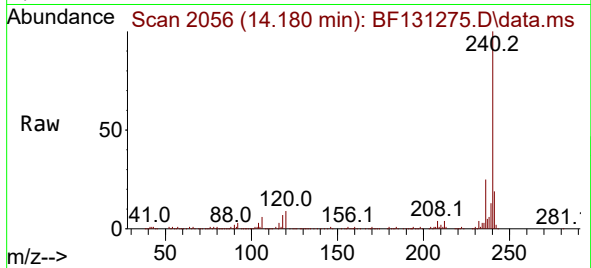




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

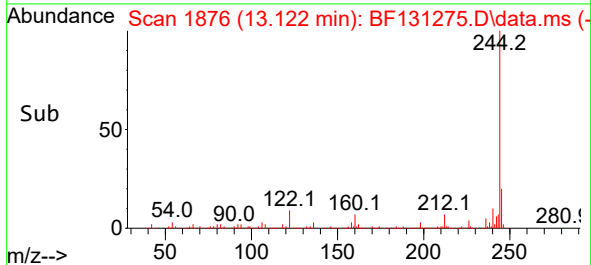
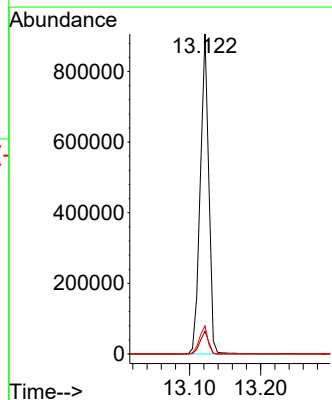
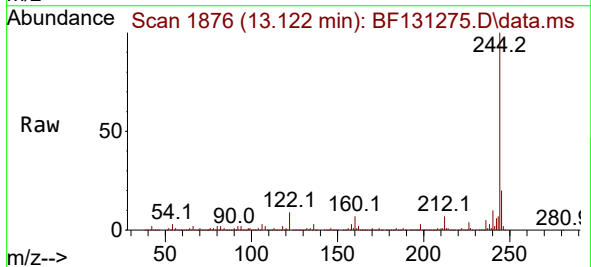
Instrument :
BNA_F
ClientSampleId :
MW-12

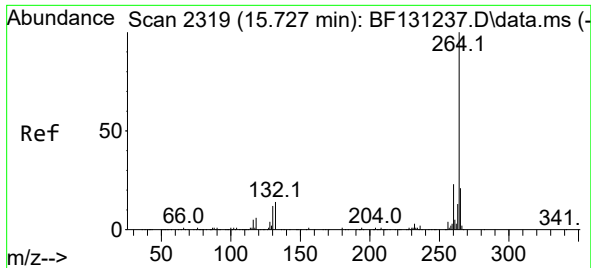
Tgt Ion:240 Resp: 146932
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.4 20.6 31.0



#79
Terphenyl-d14
Concen: 88.384 ng
RT: 13.122 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BF131275.D
Acq: 16 Nov 2022 20:21

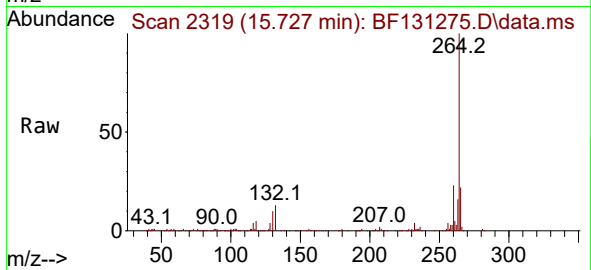
Tgt Ion:244 Resp: 756227
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.8 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131275.D
 Acq: 16 Nov 2022 20:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-12



Tgt Ion:264 Resp: 175864
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.2 16.6 24.8

