

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136128.D
 Acq On : 03 Nov 2023 17:09
 Operator : CG\JU
 Sample : 05141-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Nov 04 00:09:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

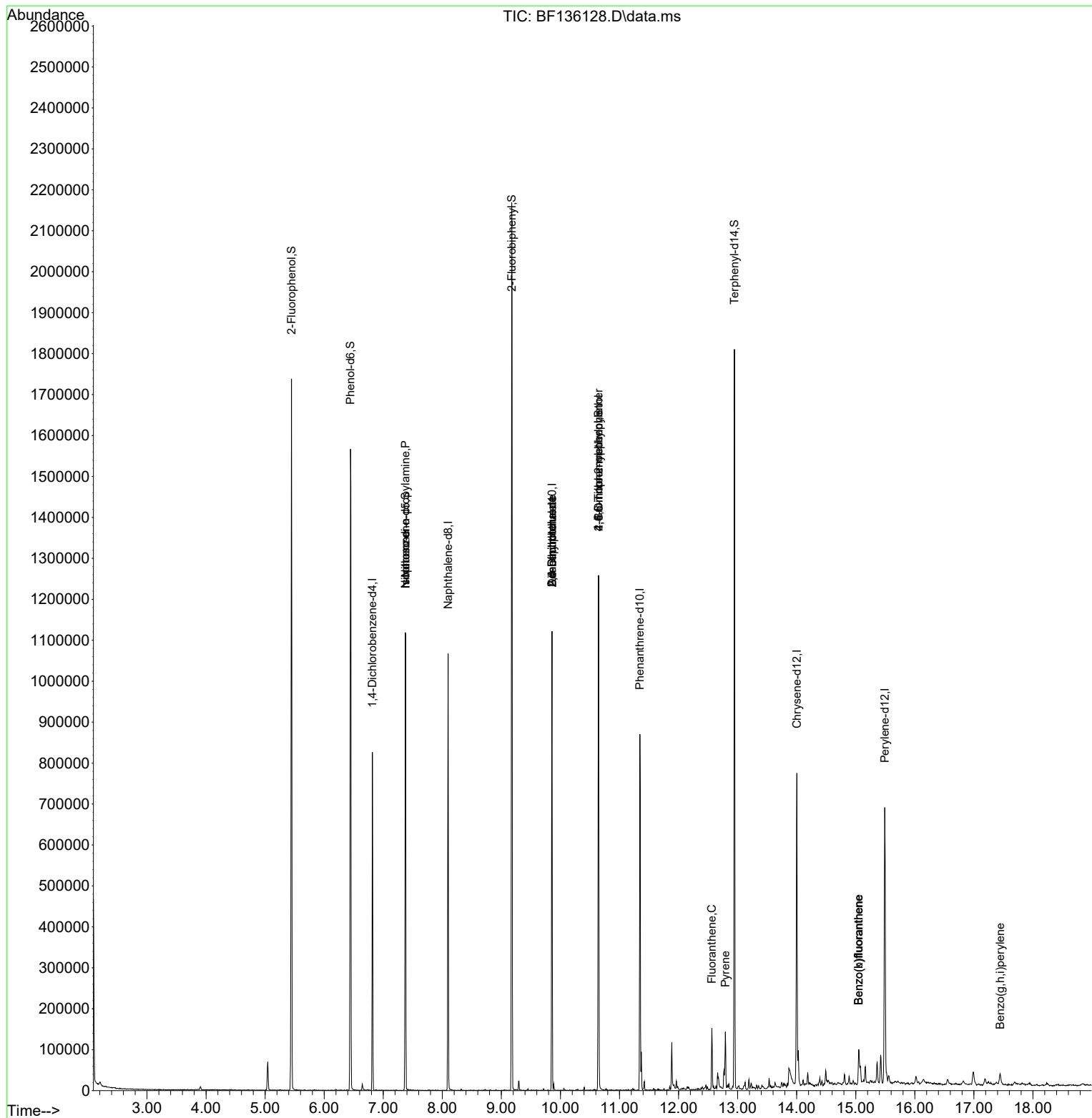
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	109467	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	410556	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	199784	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	322274	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	237325	20.000	ng	-0.01
86) Perylene-d12	15.492	264	307247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	458807	65.862	ng	0.00
7) Phenol-d6	6.445	99	574050	66.139	ng	-0.01
23) Nitrobenzene-d5	7.375	82	361358	53.059	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	136787	64.146	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	650493	51.904	ng	-0.01
79) Terphenyl-d14	12.945	244	585447	38.336	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.375	70	46883	9.454	ng	# 79
25) Isophorone	7.375	82	361354	28.104	ng	# 64
50) Dimethylphthalate	9.857	163	41420	3.143	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	25323	8.985	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	25323	7.101	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.645	198	345	5.962	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	8329	2.465	ng	# 1
75) Fluoranthene	12.563	202	57552	3.452	ng	98
78) Pyrene	12.792	202	51172	2.446	ng	99
88) Benzo(b)fluoranthene	15.051	252	61610	3.389	ng	97
89) Benzo(k)fluoranthene	15.051	252	61610	3.425	ng	97
92) Benzo(g,h,i)perylene	17.445	276	22537	4.026	ng	95

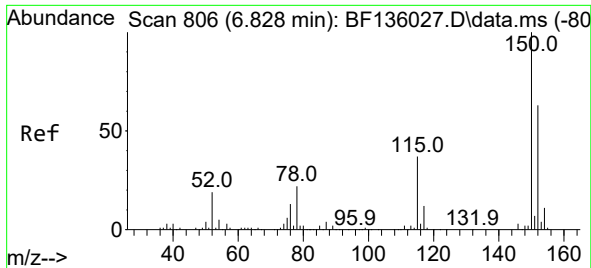
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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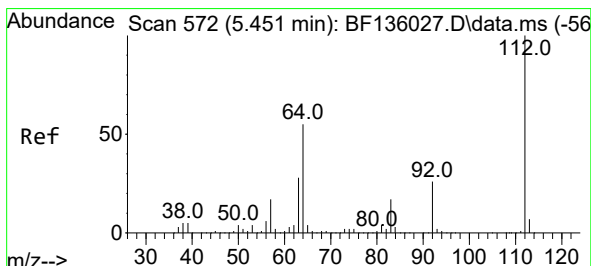
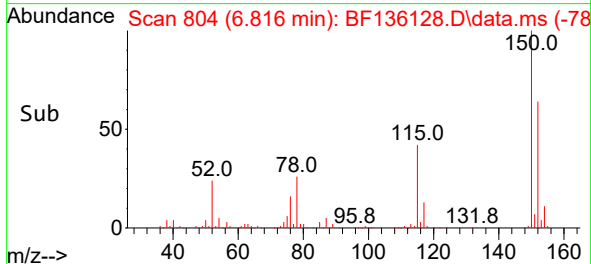
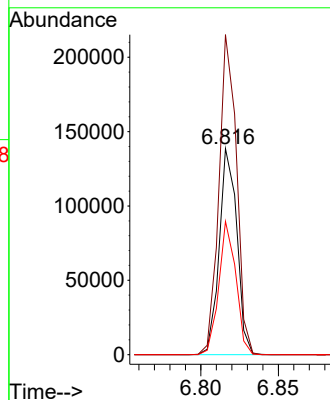
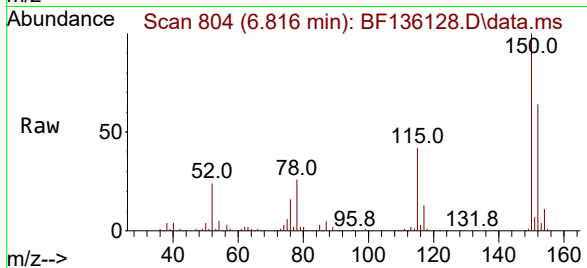




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

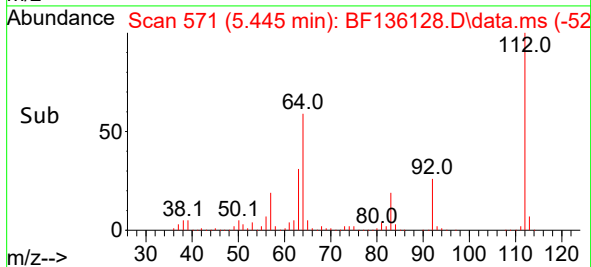
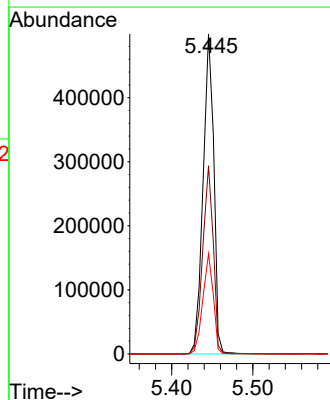
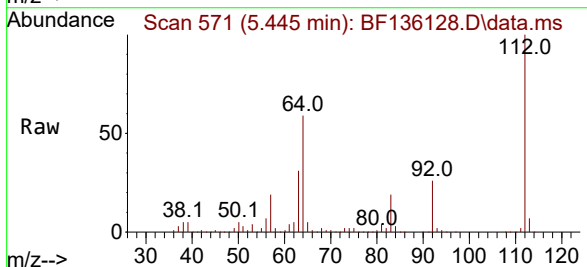
Instrument :
BNA_F
ClientSampleId :
PE-1

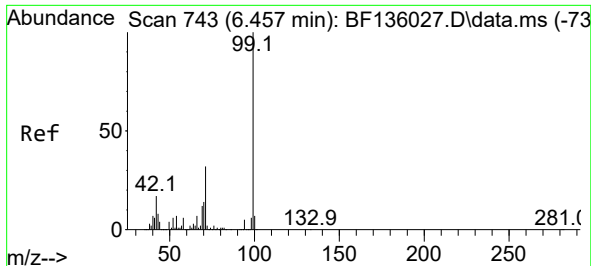
Tgt Ion:152 Resp: 109467
Ion Ratio Lower Upper
152 100
150 155.3 126.4 189.6
115 64.7 47.0 70.4



#5
2-Fluorophenol
Concen: 65.862 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion:112 Resp: 458807
Ion Ratio Lower Upper
112 100
64 58.8 43.9 65.9
63 31.3 22.4 33.6

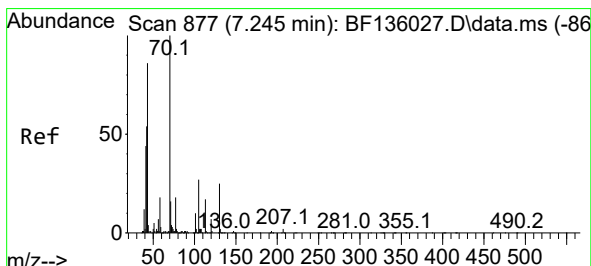
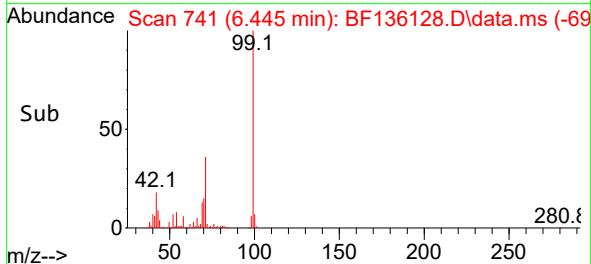
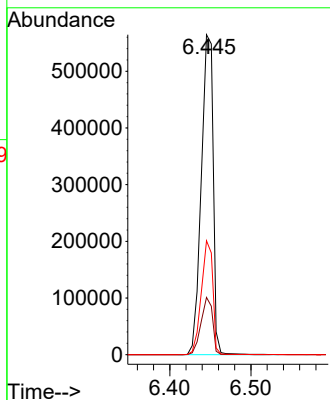
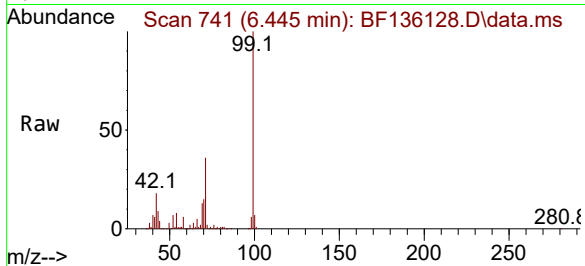




#7
Phenol-d6
Concen: 66.139 ng
RT: 6.445 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

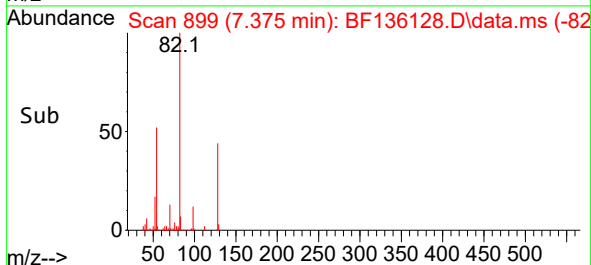
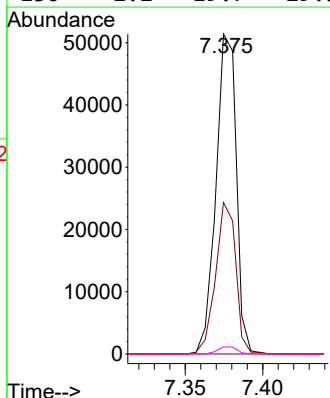
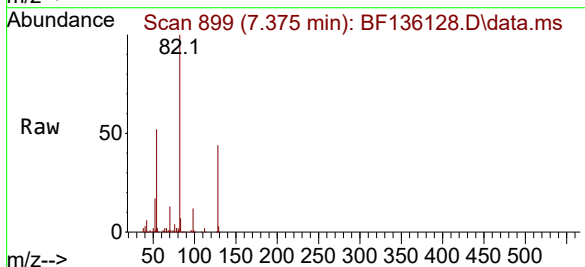
Instrument :
BNA_F
ClientSampleId :
PE-1

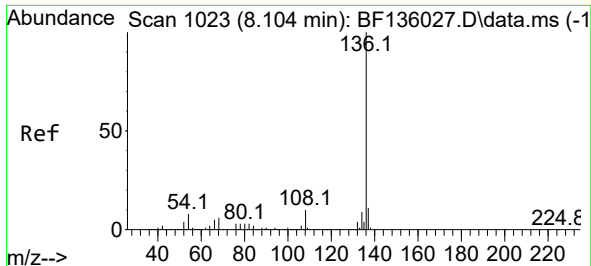
Tgt Ion: 99 Resp: 574050
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 35.6 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.454 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.129 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion: 70 Resp: 46883
Ion Ratio Lower Upper
70 100
42 47.3 43.0 64.4
101 0.0 8.0 12.0#
130 2.2 19.7 29.5#

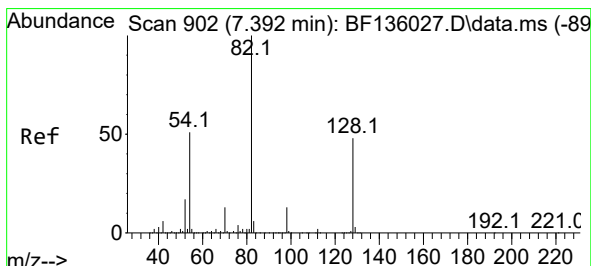
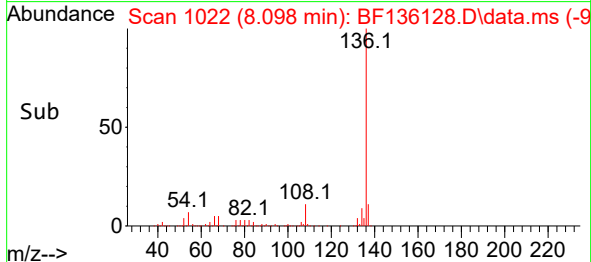
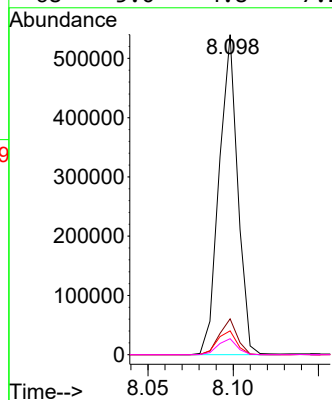
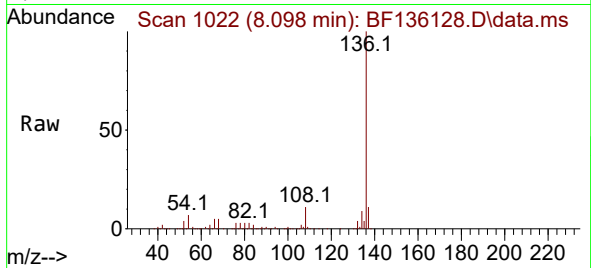




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

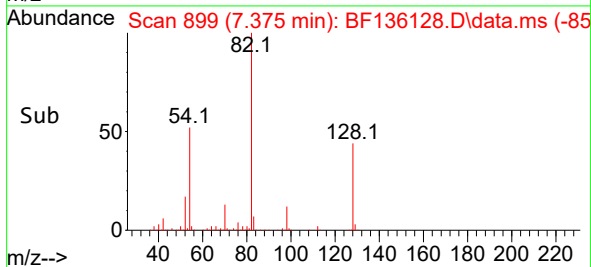
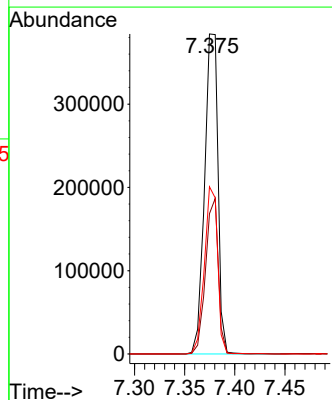
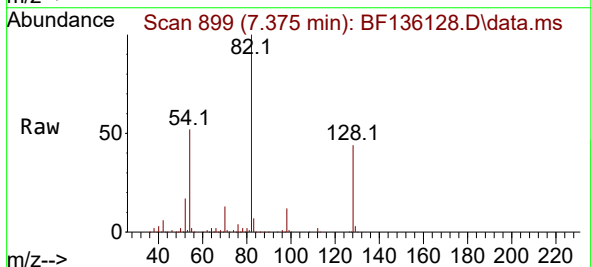
Instrument :
BNA_F
ClientSampleId :
PE-1

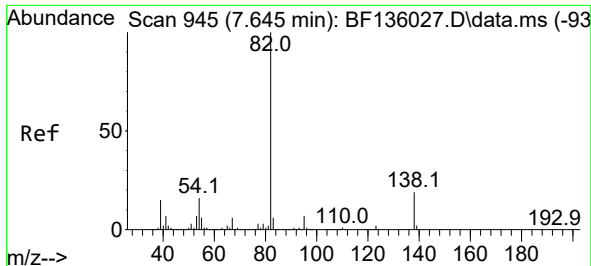
Tgt Ion:136	Resp: 410556
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 7.4	6.6 9.8
68 5.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 53.059 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion: 82	Resp: 361358
Ion Ratio	Lower Upper
82 100	
128 43.9	38.6 57.8
54 52.2	40.8 61.2

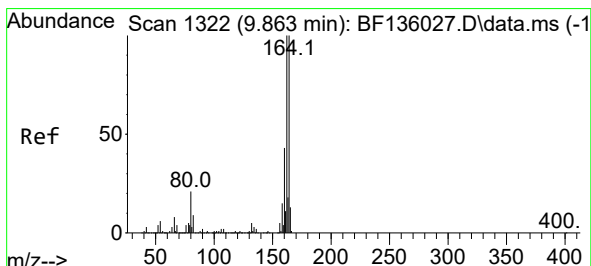
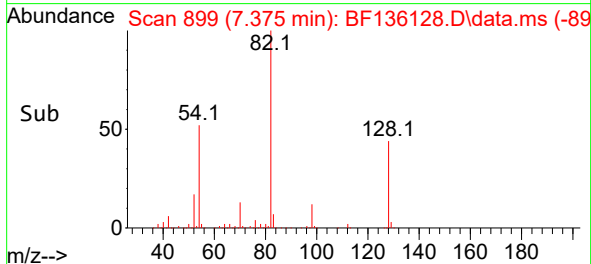
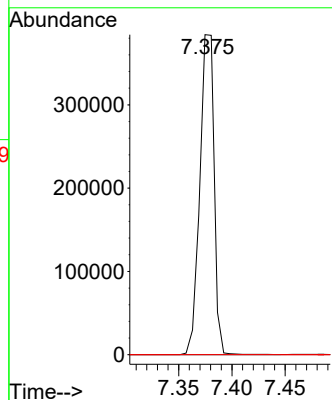
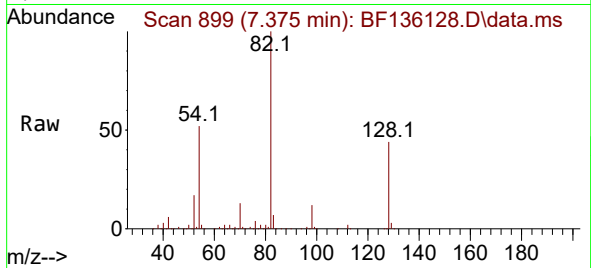




#25
Isophorone
Concen: 28.104 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

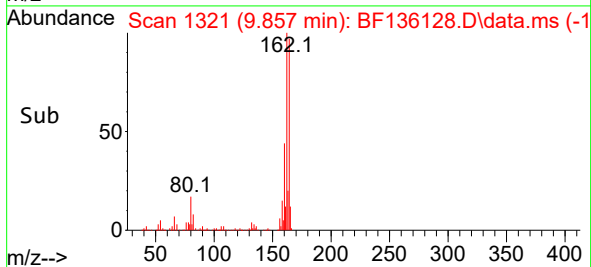
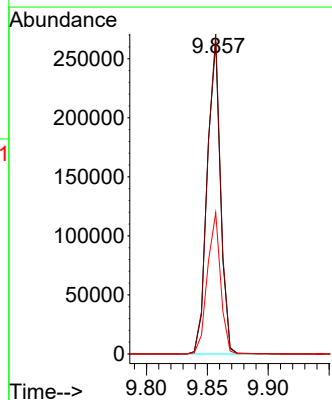
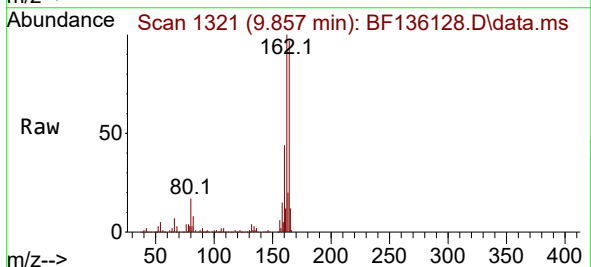
Instrument :
BNA_F
ClientSampleId :
PE-1

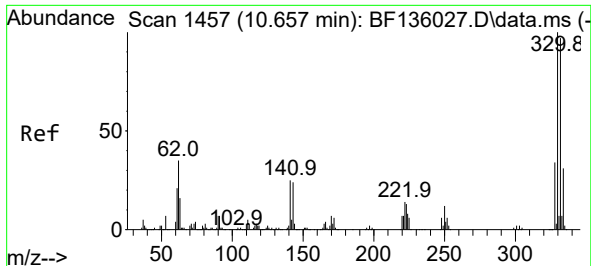
Tgt Ion: 82 Resp: 361354
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion: 164 Resp: 199784
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 45.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 64.146 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

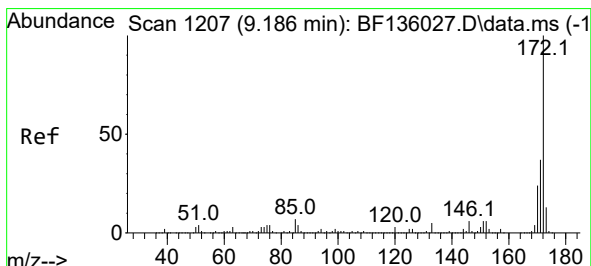
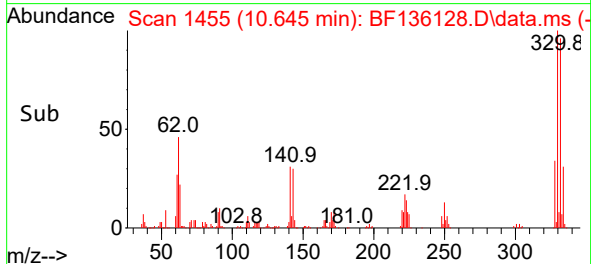
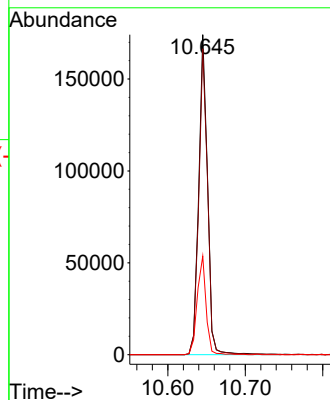
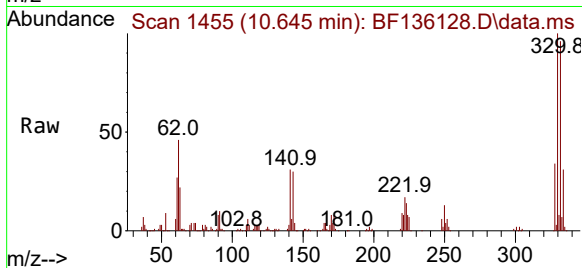
Tgt Ion:330 Resp: 136787

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 31.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 51.904 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

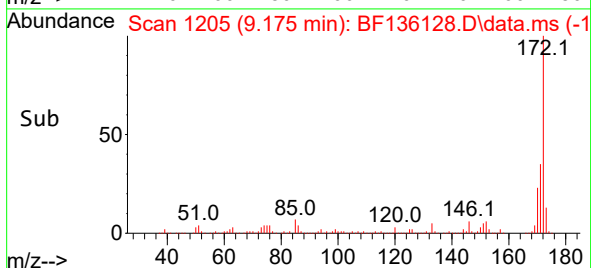
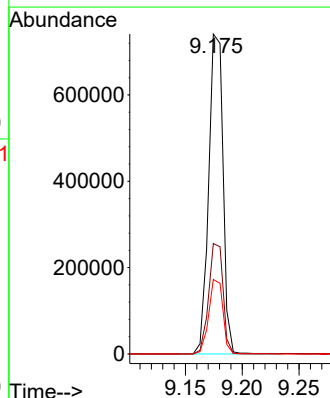
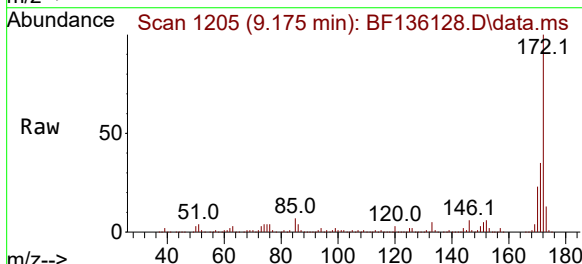
Tgt Ion:172 Resp: 650493

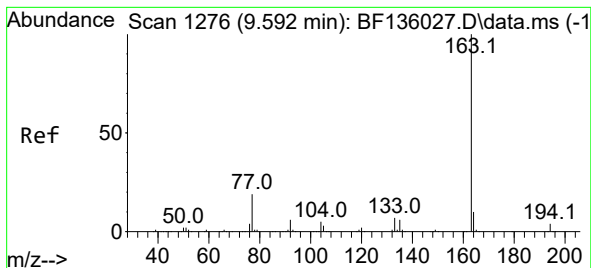
Ion Ratio Lower Upper

172 100

171 34.5 29.4 44.0

170 23.2 19.3 28.9





#50

Dimethylphthalate

Concen: 3.143 ng

RT: 9.857 min Scan# 1

Delta R.T. 0.265 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

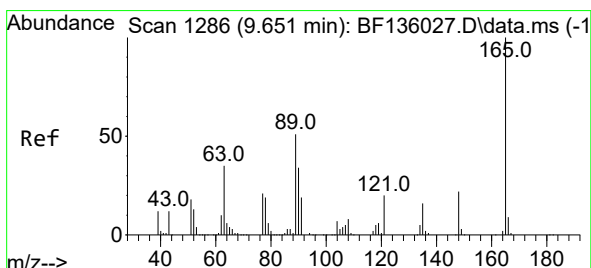
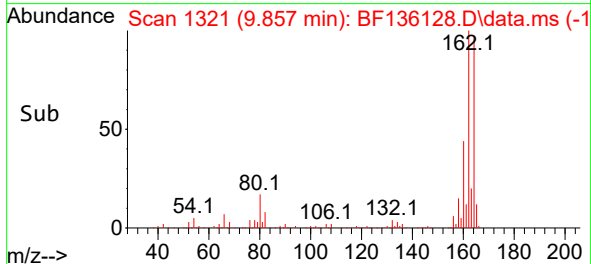
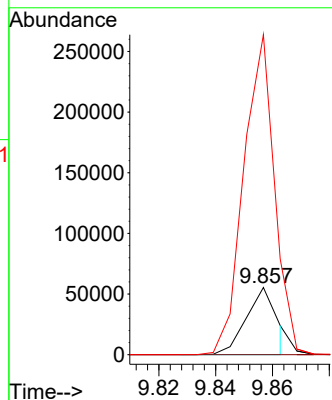
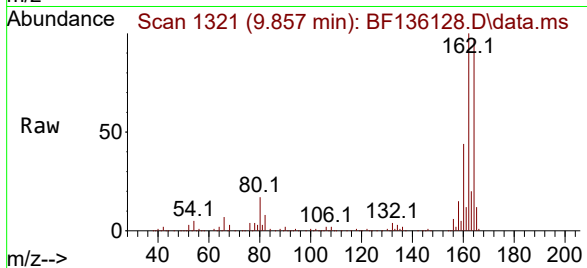
Tgt Ion:163 Resp: 41420

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 475.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.985 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.206 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

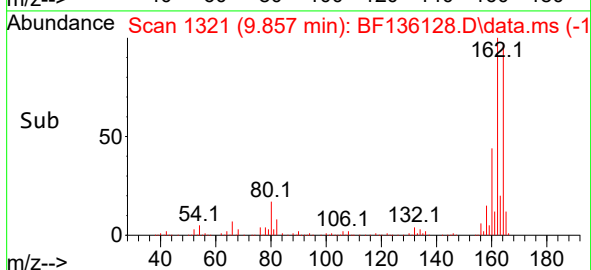
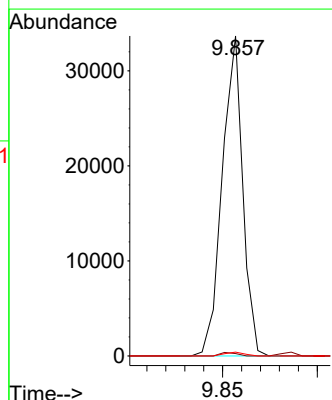
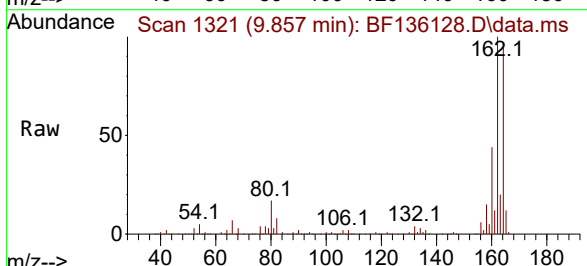
Tgt Ion:165 Resp: 25323

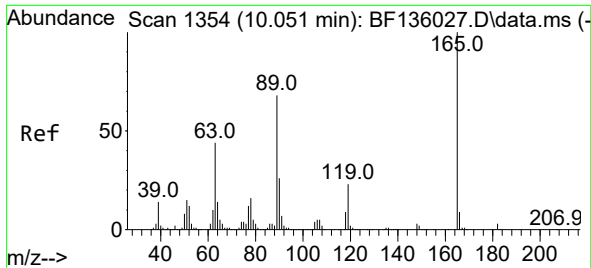
Ion Ratio Lower Upper

165 100

63 0.8 40.8 61.2#

89 1.2 41.1 61.7#

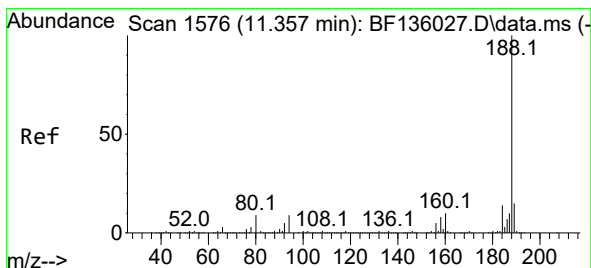
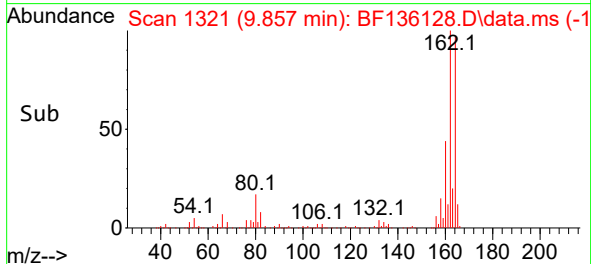
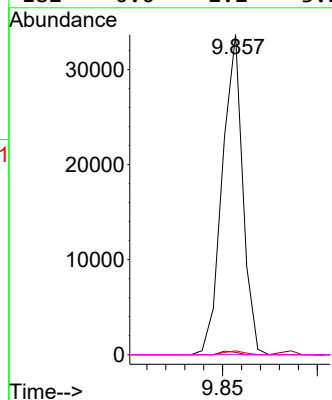
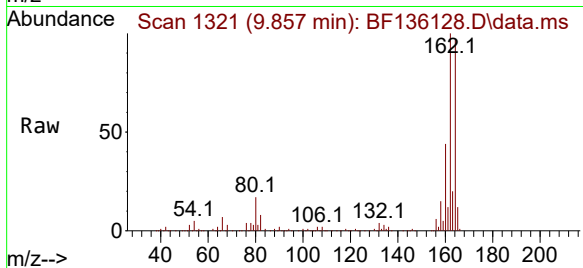




#57
2,4-Dinitrotoluene
Concen: 7.101 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

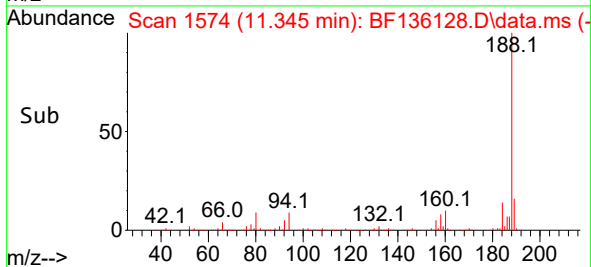
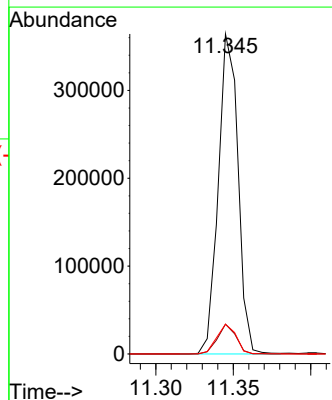
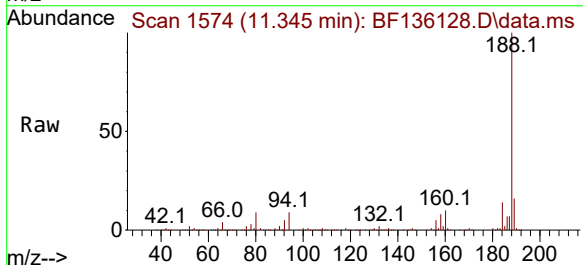
Instrument :
BNA_F
ClientSampleId :
PE-1

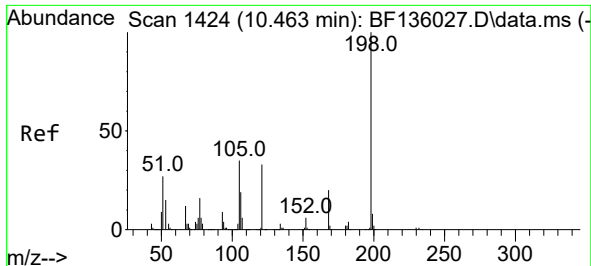
Tgt Ion:165 Resp: 25323
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 1.2 54.8 82.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion:188 Resp: 322274
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.3 7.4 11.0

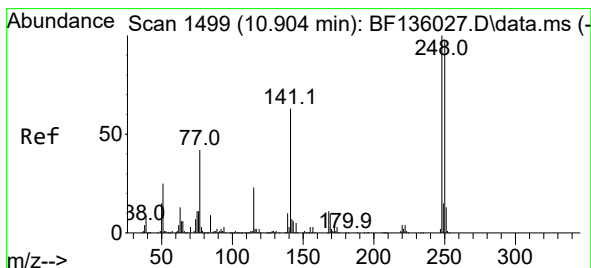
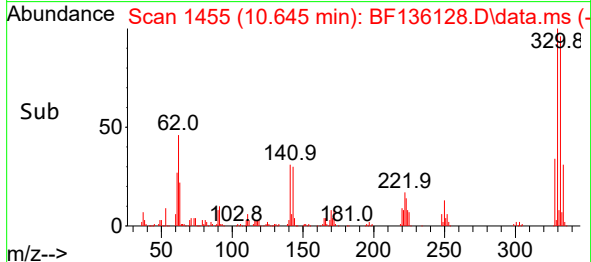
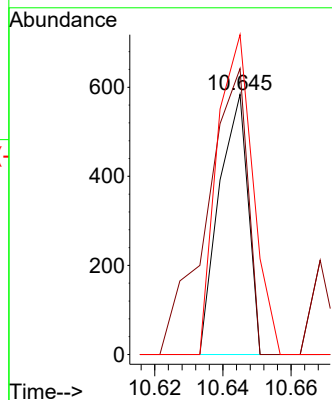
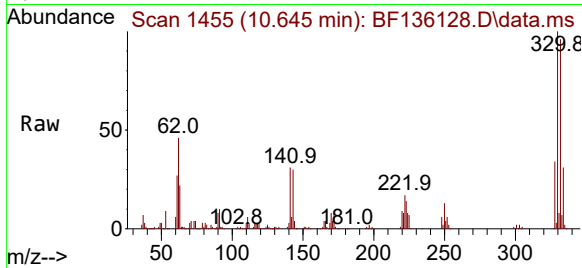




#65
4,6-Dinitro-2-methylphenol
Concen: 5.962 ng
RT: 10.645 min Scan# 1424
Delta R.T. 0.182 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

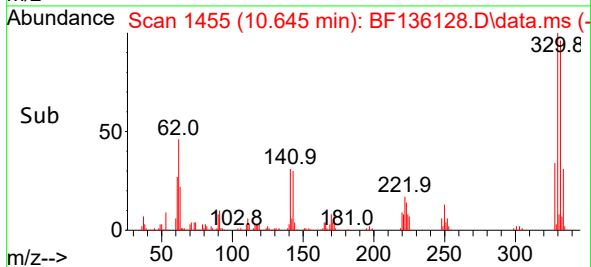
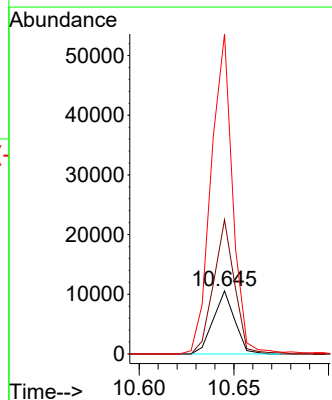
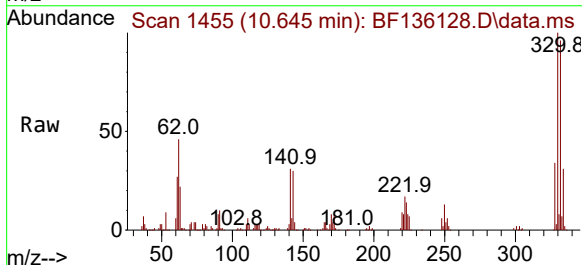
Instrument :
BNA_F
ClientSampleId :
PE-1

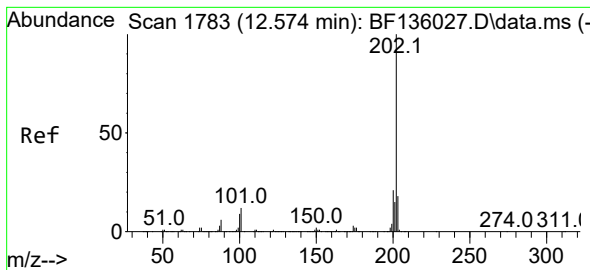
Tgt Ion:198 Resp: 345
Ion Ratio Lower Upper
198 100
51 109.9 12.9 52.9#
105 122.9 16.0 56.0#



#67
4-Bromophenyl-phenylether
Concen: 2.465 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.259 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion:248 Resp: 8329
Ion Ratio Lower Upper
248 100
250 213.0 77.6 116.4#
141 507.8 50.4 75.6#





#75

Fluoranthene

Concen: 3.452 ng

RT: 12.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

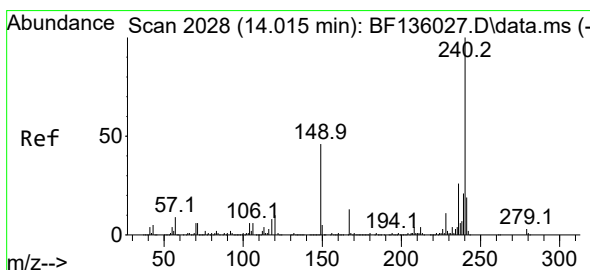
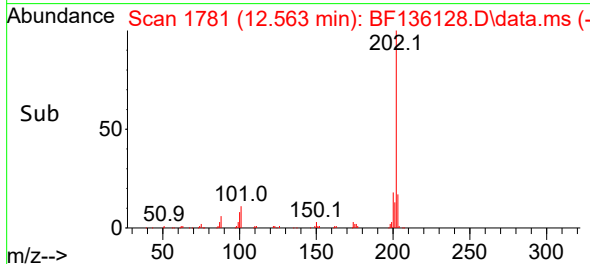
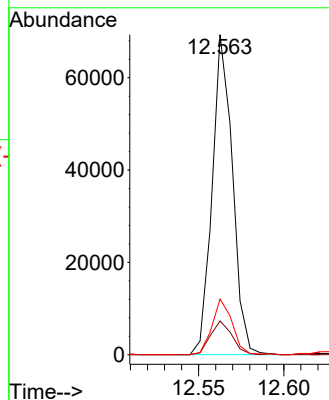
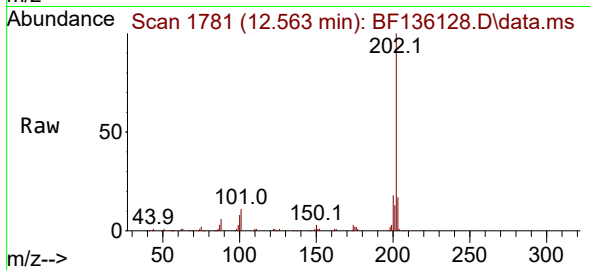
Tgt Ion:202 Resp: 57552

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.8

203 17.4 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

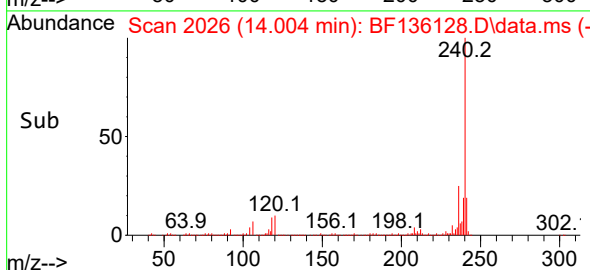
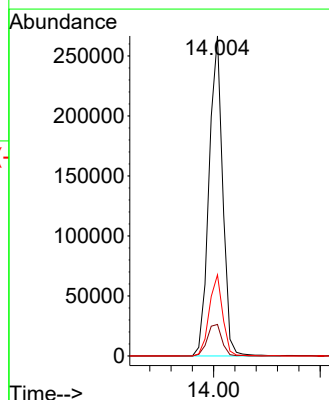
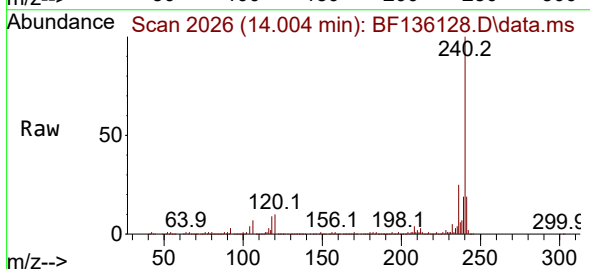
Tgt Ion:240 Resp: 237325

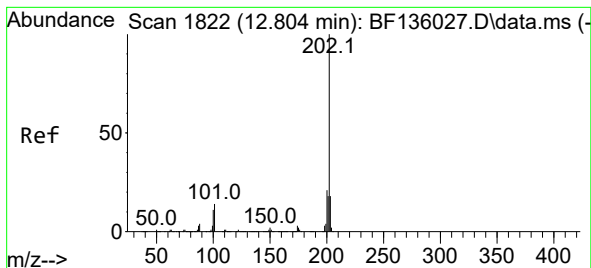
Ion Ratio Lower Upper

240 100

120 9.8 7.6 11.4

236 25.4 20.6 31.0





#78

Pyrene

Concen: 2.446 ng

RT: 12.792 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

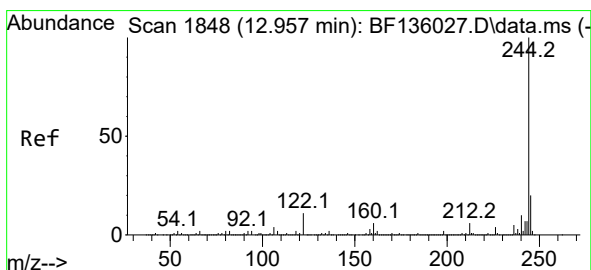
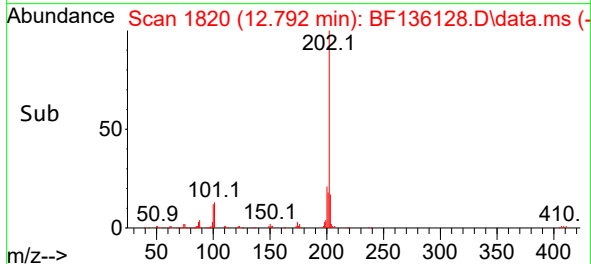
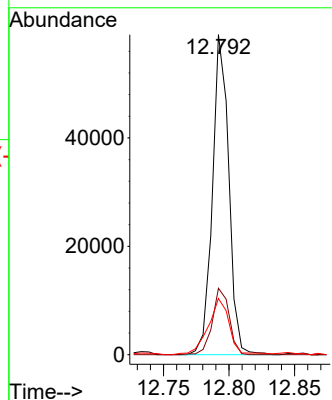
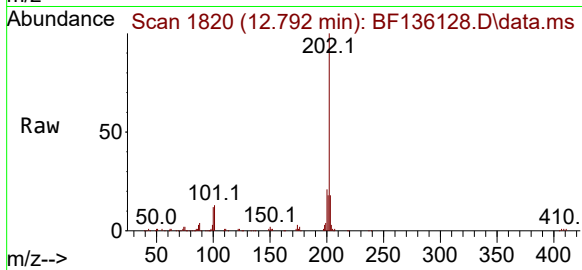
Tgt Ion:202 Resp: 51172

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.6 14.4 21.6



#79

Terphenyl-d14

Concen: 38.336 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

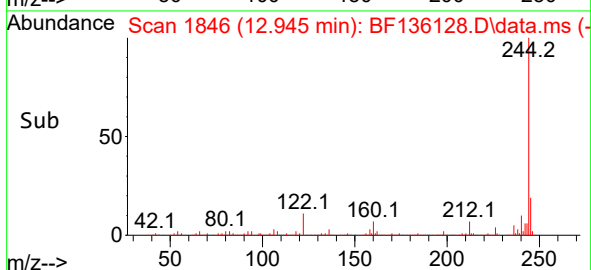
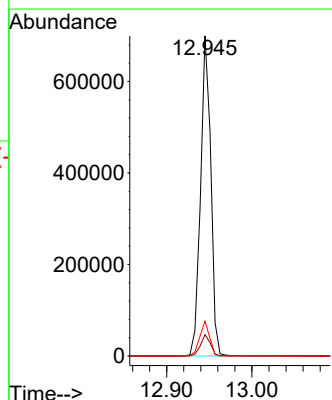
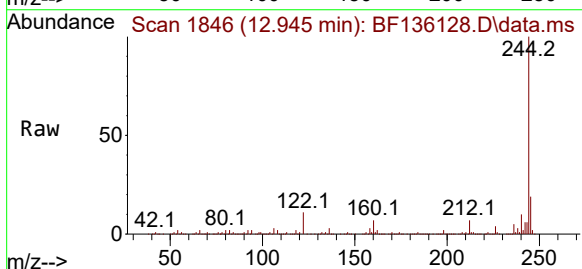
Tgt Ion:244 Resp: 585447

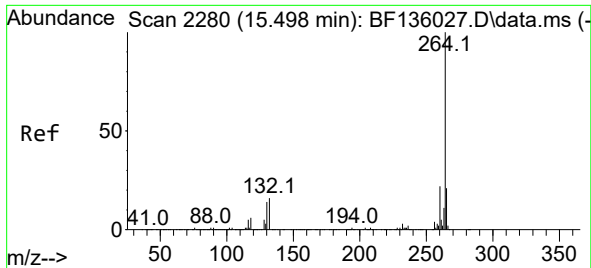
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.8 8.6 12.8

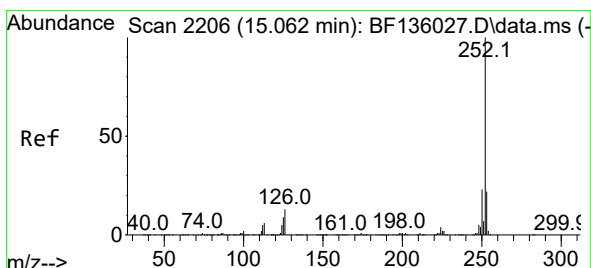
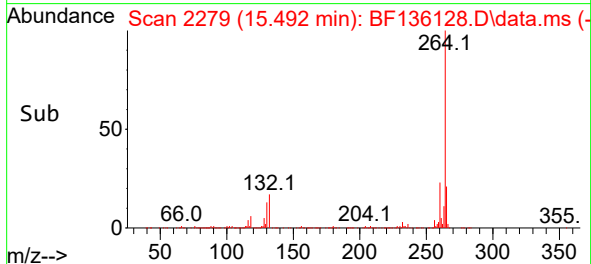
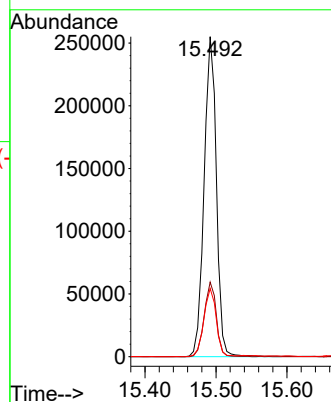
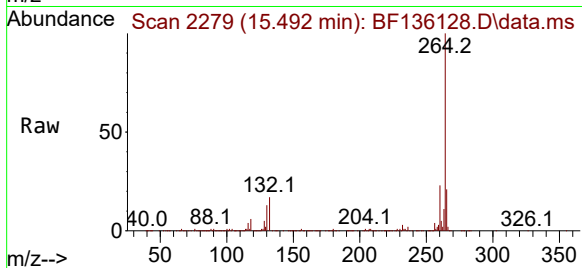




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136128.D
 Acq: 03 Nov 2023 17:09

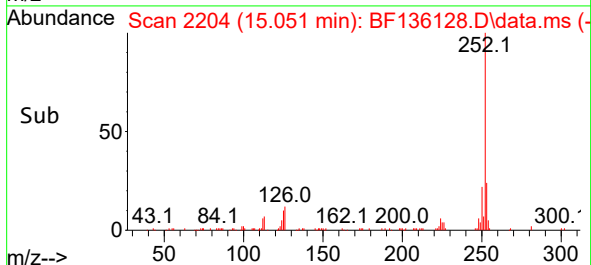
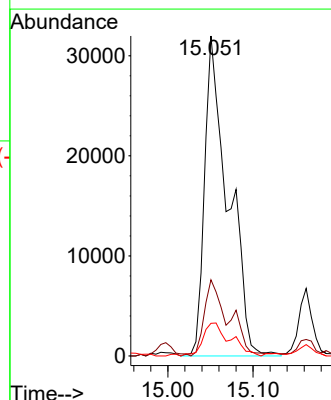
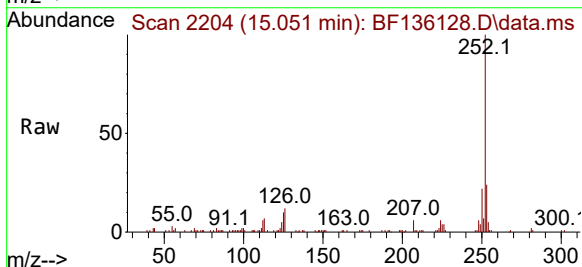
Instrument :
 BNA_F
 ClientSampleId :
 PE-1

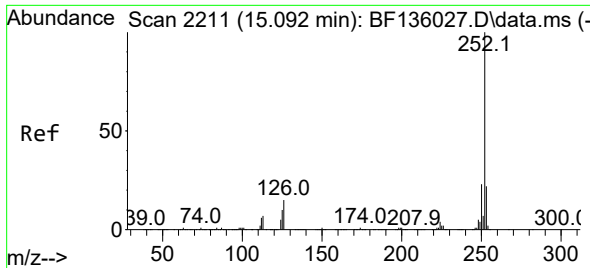
Tgt Ion:264 Resp: 307247
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.9 26.9
 265 21.3 16.8 25.2



#88
 Benzo(b)fluoranthene
 Concen: 3.389 ng
 RT: 15.051 min Scan# 2204
 Delta R.T. -0.012 min
 Lab File: BF136128.D
 Acq: 03 Nov 2023 17:09

Tgt Ion:252 Resp: 61610
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.7 26.5
 125 10.2 7.5 11.3

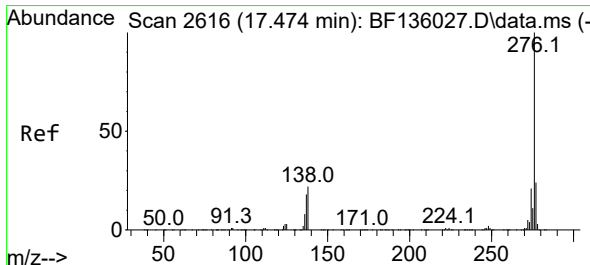
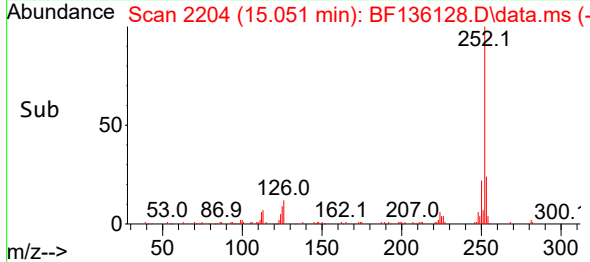
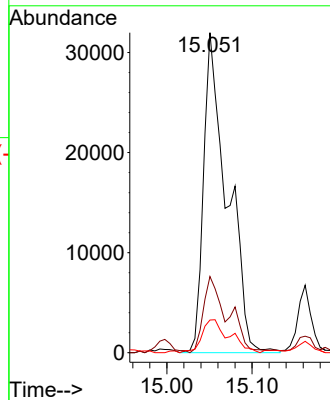
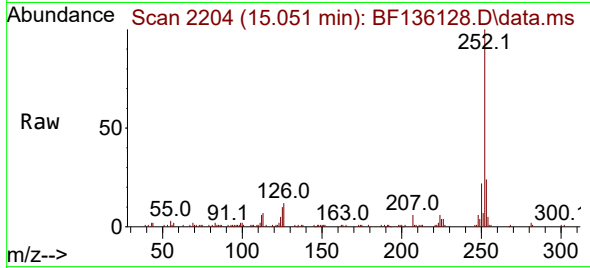




#89
Benzo(k)fluoranthene
Concen: 3.425 ng
RT: 15.051 min Scan# 211
Delta R.T. -0.041 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Instrument :
BNA_F
ClientSampleId :
PE-1

Tgt Ion:252 Resp: 61610
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 10.2 8.0 12.0



#92
Benzo(g,h,i)perylene
Concen: 4.026 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.029 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

Tgt Ion:276 Resp: 22537
Ion Ratio Lower Upper
276 100
277 20.5 19.0 28.4
138 23.8 17.4 26.2

