

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128275.D
 Acq On : 16 May 2022 18:44
 Operator : CG\JU
 Sample : N2832-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13

Quant Time: May 17 06:22:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

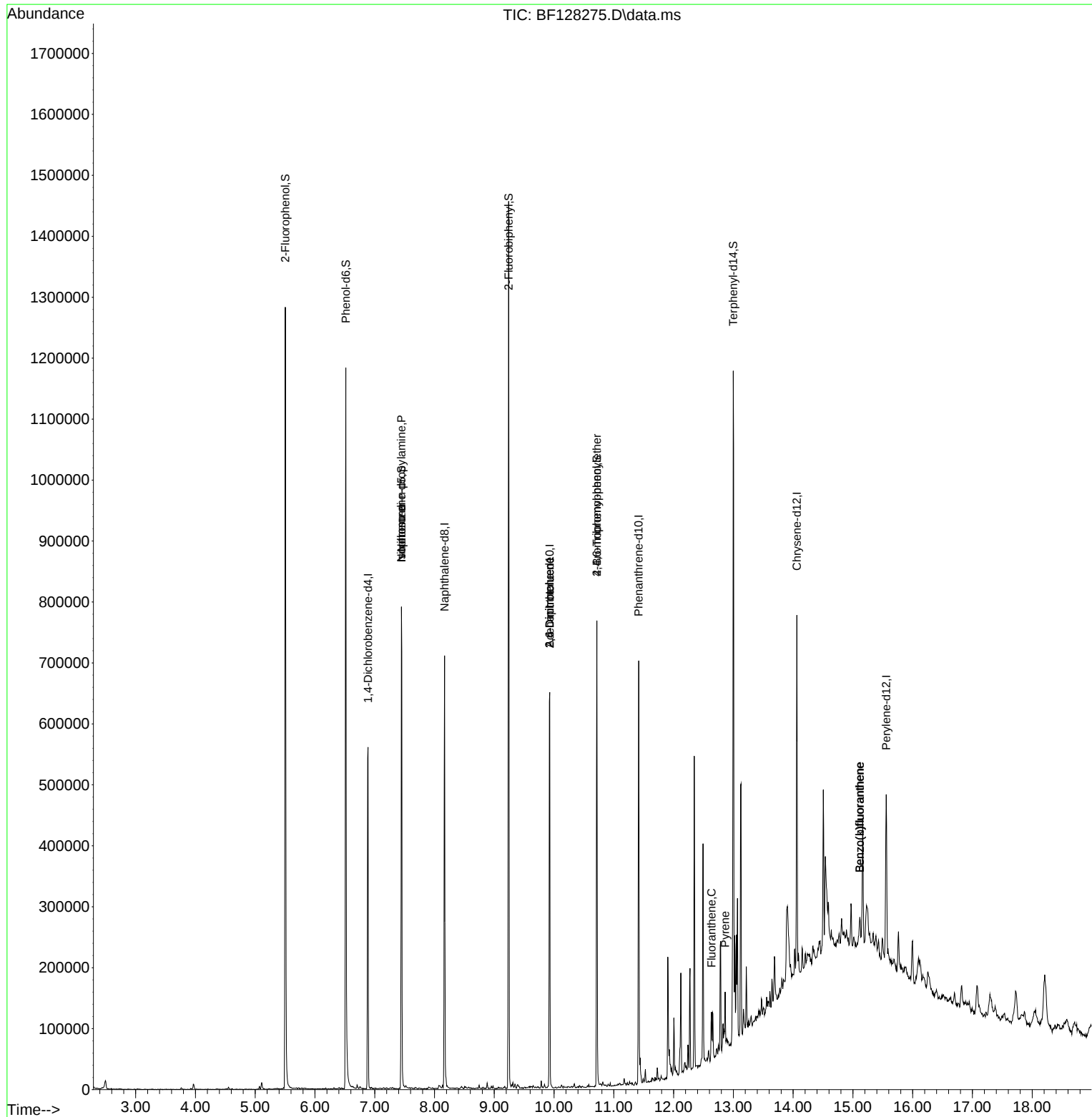
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	78557	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	281907	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	136906	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	226834	20.000	ng	0.00
76) Chrysene-d12	14.063	240	181826	20.000	ng	0.00
86) Perylene-d12	15.557	264	120583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	299734	60.824	ng	0.00
7) Phenol-d6	6.516	99	380612	58.395	ng	-0.01
23) Nitrobenzene-d5	7.445	82	258531	41.265	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	81193	51.711	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	374943	42.852	ng	-0.01
79) Terphenyl-d14	12.998	244	363820	37.546	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.446	77	359	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.445	70	34449	8.582	ng	# 82
25) Isophorone	7.445	82	258529	26.321	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	17658	9.111	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	17658	6.814	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	4882	2.000	ng	# 1
75) Fluoranthene	12.633	202	27721	2.264	ng	97
78) Pyrene	12.863	202	29677	2.251	ng	99
88) Benzo(b)fluoranthene	15.116	252	23341	3.123	ng	# 81
89) Benzo(k)fluoranthene	15.116	252	23341	3.163	ng	# 79

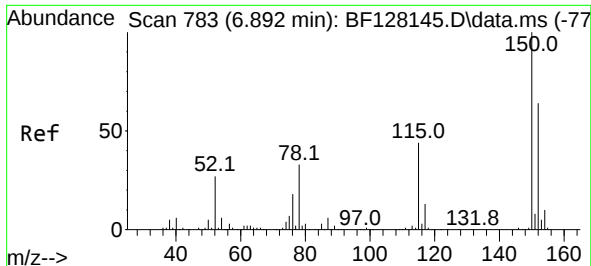
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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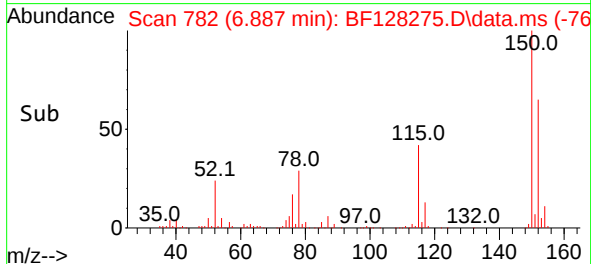
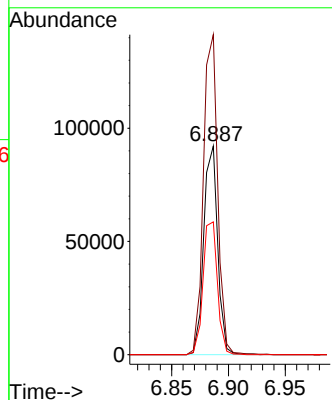
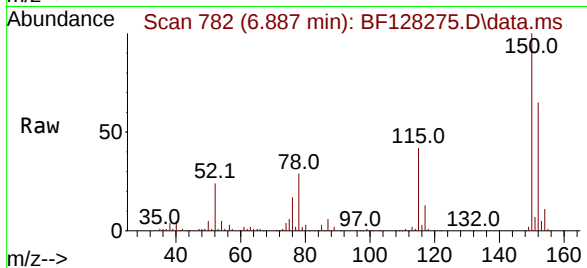




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128275.D
 Acq: 16 May 2022 18:44

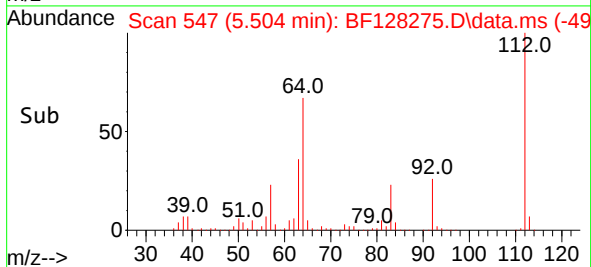
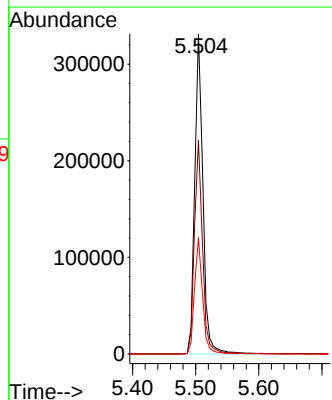
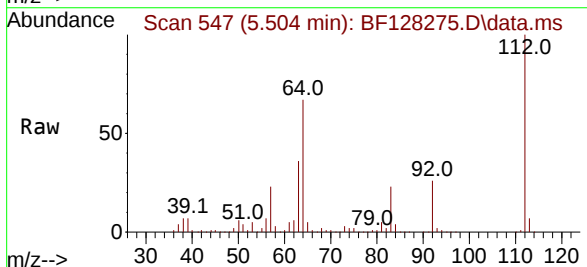
Instrument :
 BNA_F
 ClientSampleId :
 SB13

Tgt Ion:152 Resp: 78557
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.3 187.9
 115 63.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 60.824 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128275.D
 Acq: 16 May 2022 18:44

Tgt Ion:112 Resp: 299734
 Ion Ratio Lower Upper
 112 100
 64 66.8 49.5 74.3
 63 36.4 26.3 39.5

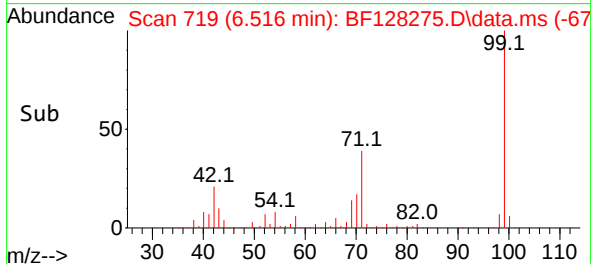
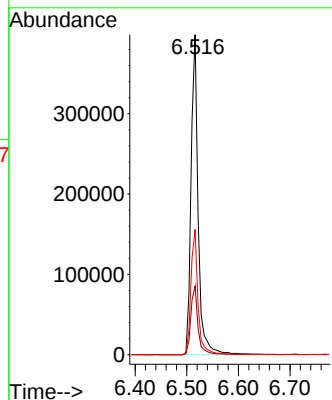
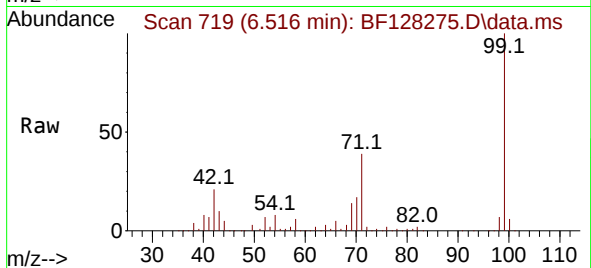




#7
Phenol-d6
Concen: 58.395 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

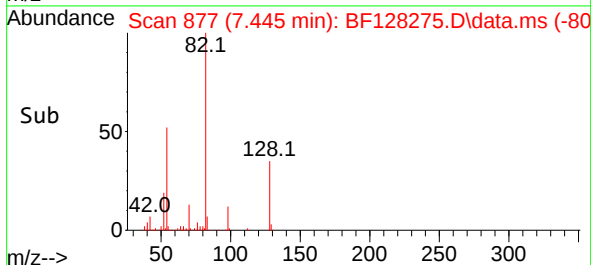
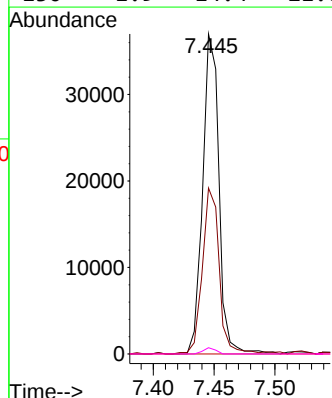
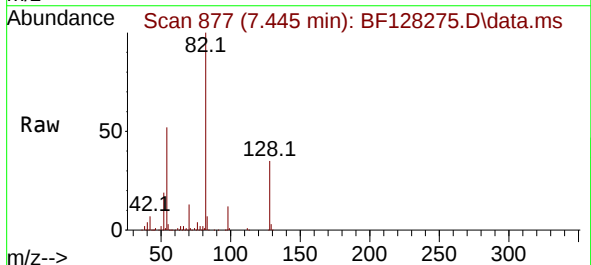
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BNA_F
ClientSampleId :
SB13

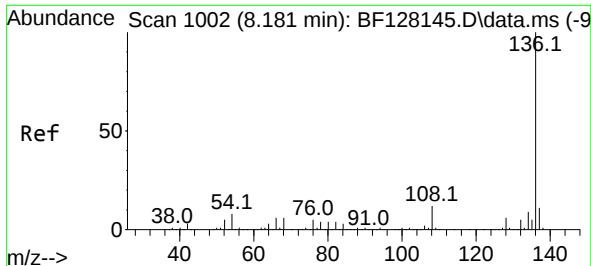
Tgt Ion: 99 Resp: 380612
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.582 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion: 70 Resp: 34449
Ion Ratio Lower Upper
70 100
42 51.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

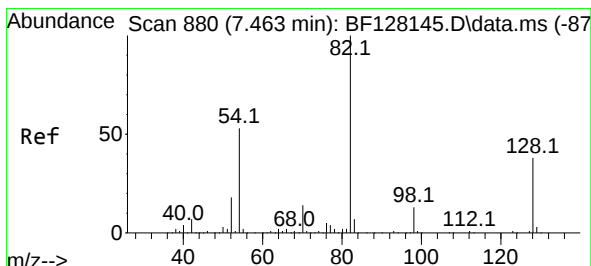
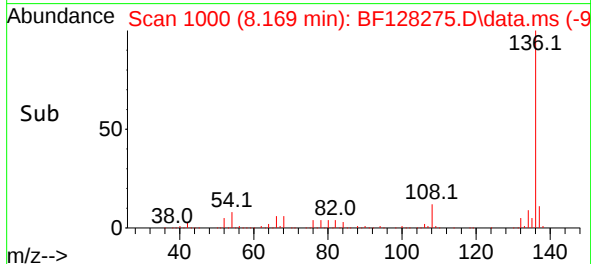
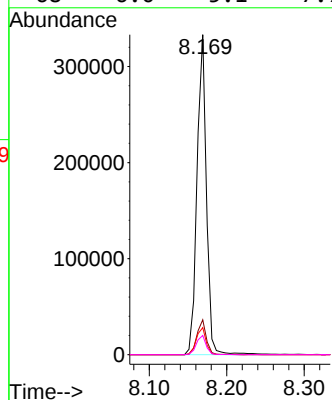
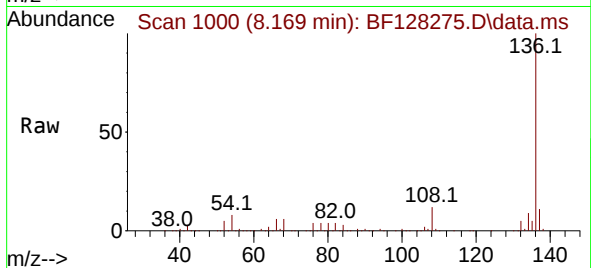




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

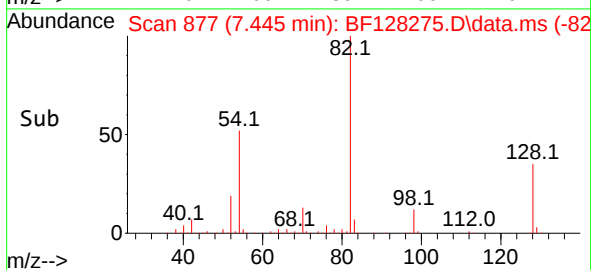
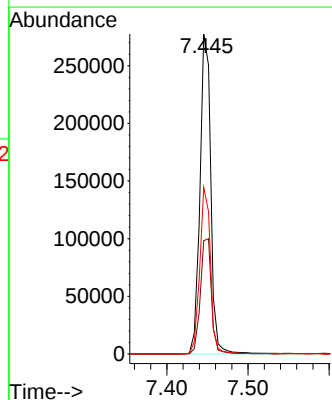
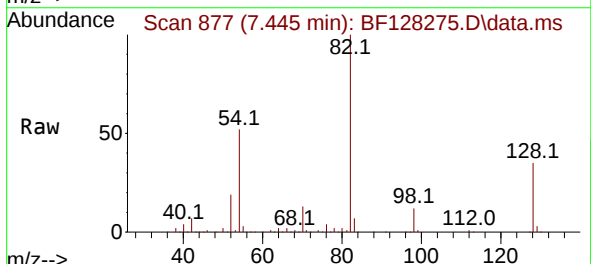
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:136	Resp:	281907
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	8.4	6.8 10.2
68	6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 41.265 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.018 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion: 82	Resp:	258531
Ion	Ratio	Lower Upper
82	100	
128	35.4	30.0 45.0
54	52.0	41.3 61.9

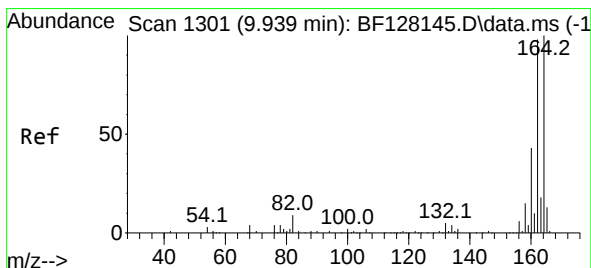
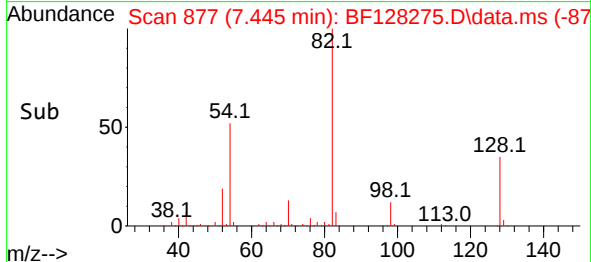
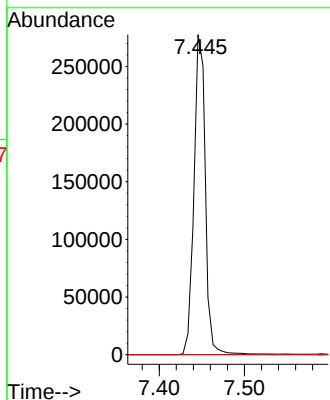
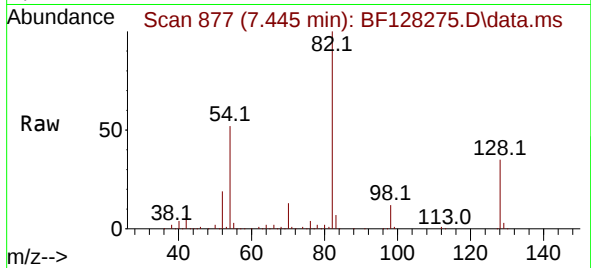




#25
Isophorone
Concen: 26.321 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

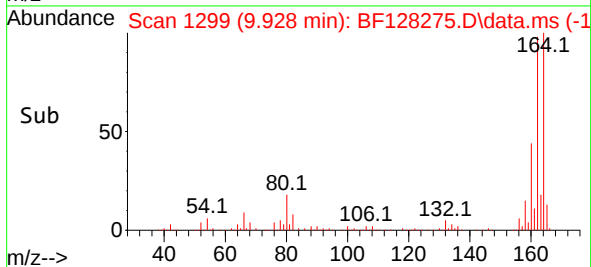
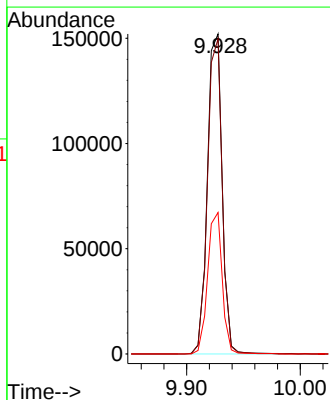
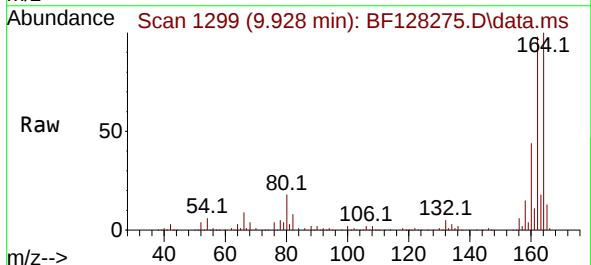
Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 82 Resp: 258529
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion:164 Resp: 136906
Ion Ratio Lower Upper
164 100
162 98.5 76.0 114.0
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 51.711 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

SB13

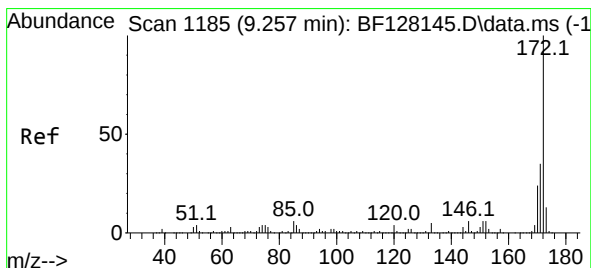
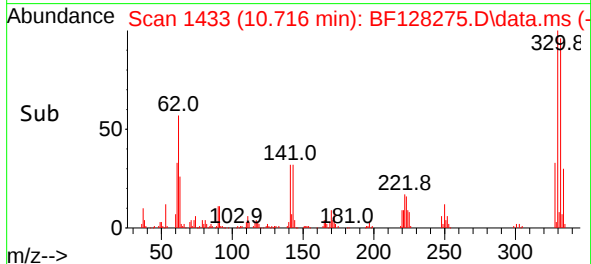
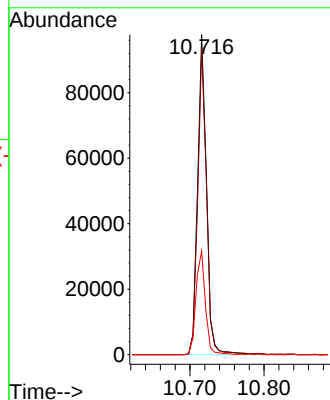
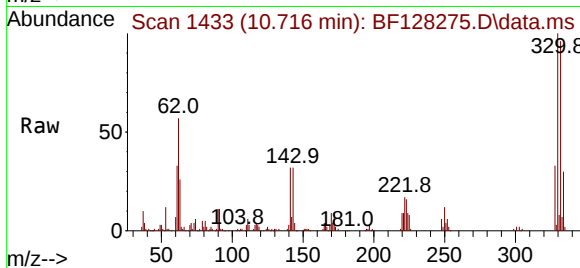
Tgt Ion:330 Resp: 81193

Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 42.852 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

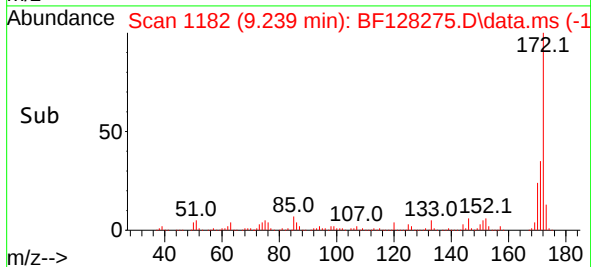
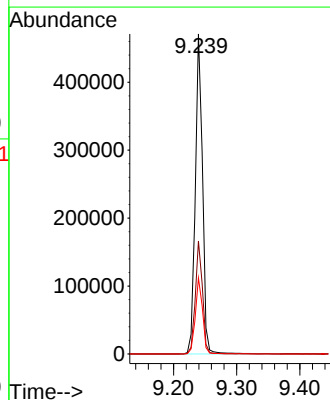
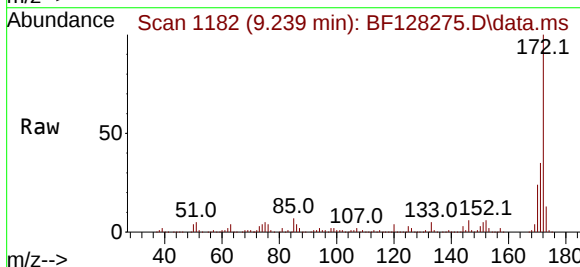
Tgt Ion:172 Resp: 374943

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.111 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

SB13

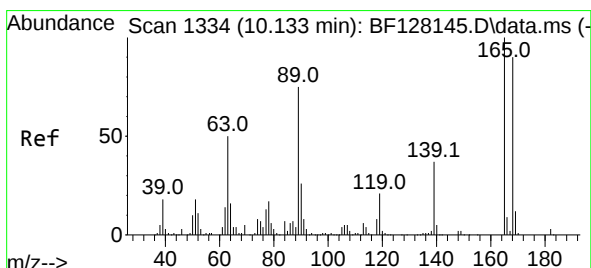
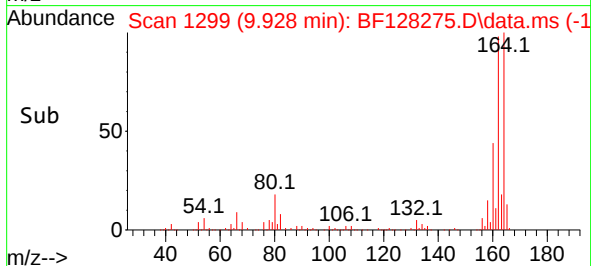
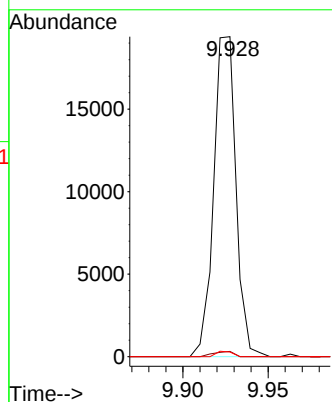
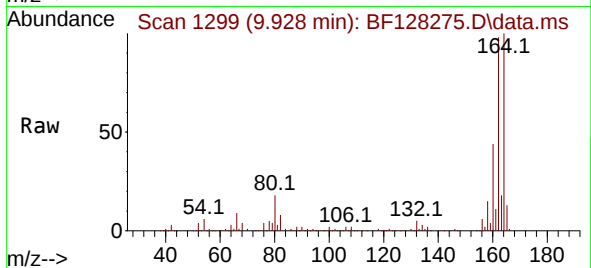
Tgt Ion:165 Resp: 17658

Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.814 ng

RT: 9.928 min Scan# 1299

Delta R.T. -0.200 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

Tgt Ion:165 Resp: 17658

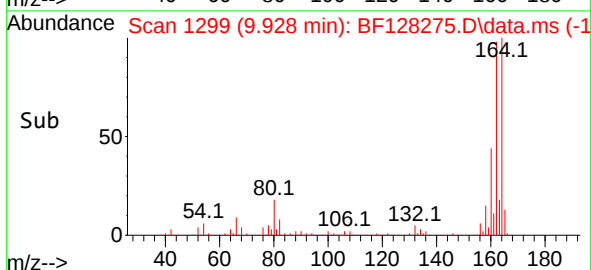
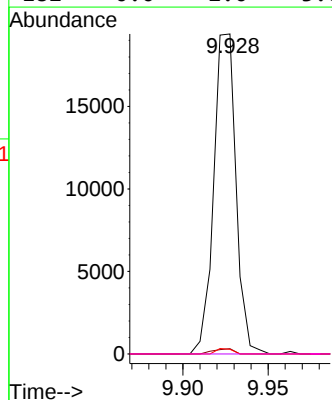
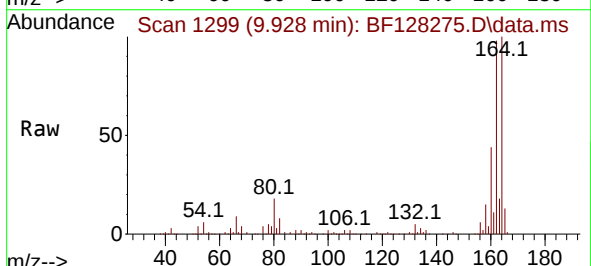
Ion Ratio Lower Upper

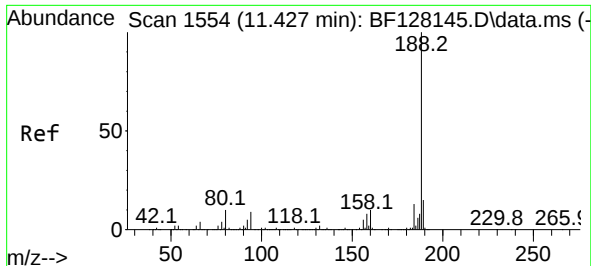
165 100

63 1.6 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

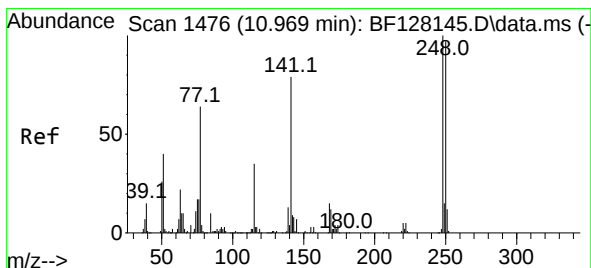
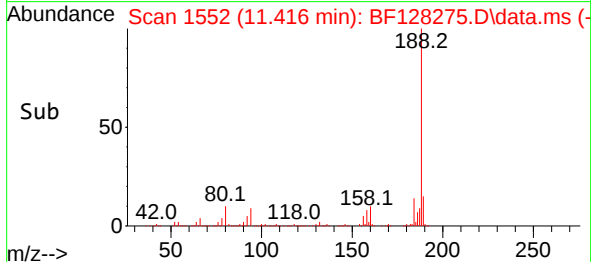
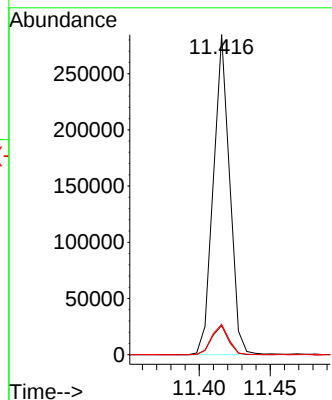
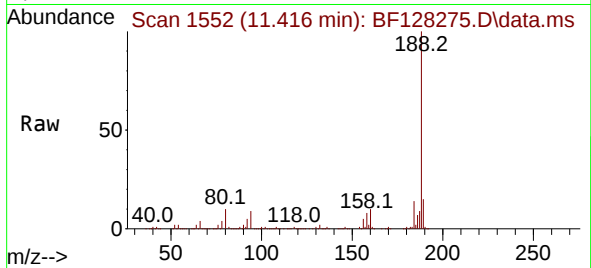




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

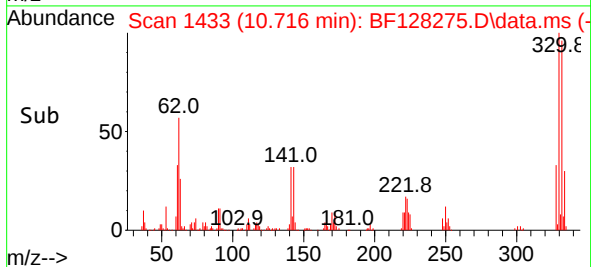
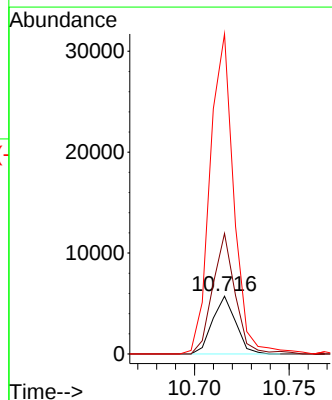
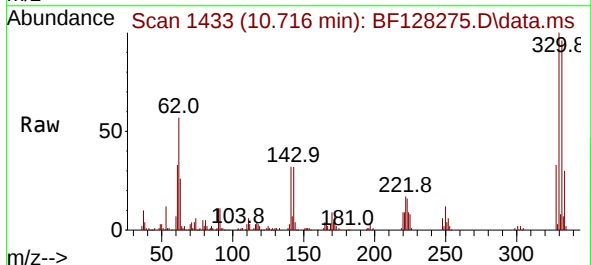
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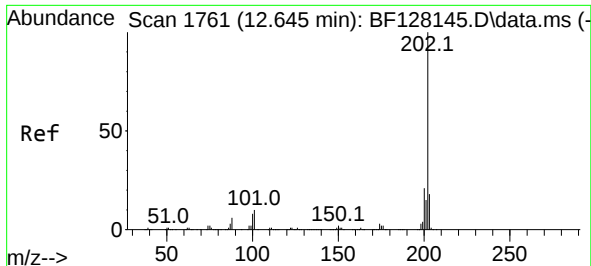
Tgt Ion:188 Resp: 226834
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.000 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion:248 Resp: 4882
Ion Ratio Lower Upper
248 100
250 208.3 77.7 116.5#
141 553.7 65.6 98.4#

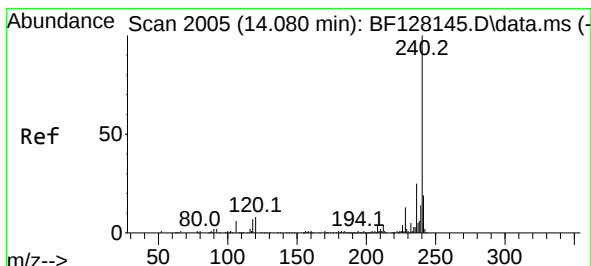
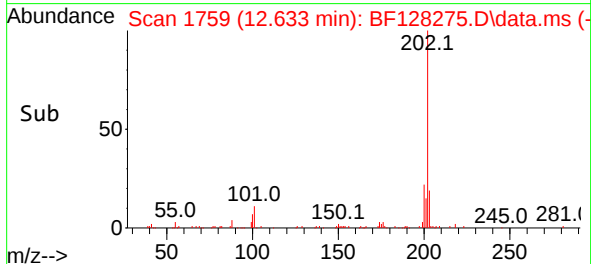
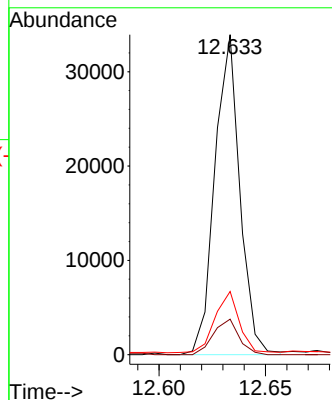
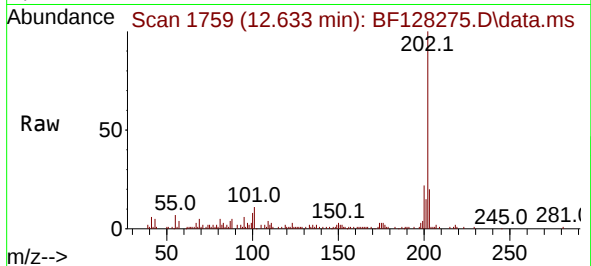




#75
Fluoranthene
Concen: 2.264 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

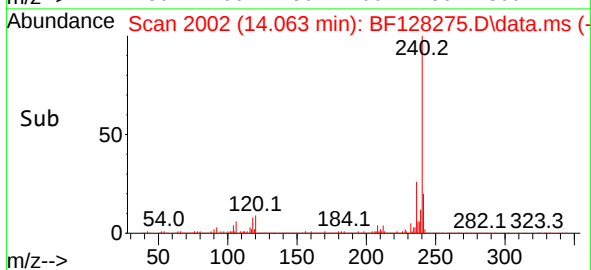
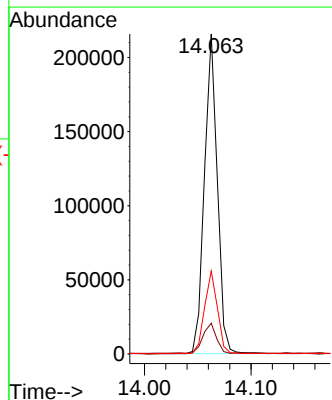
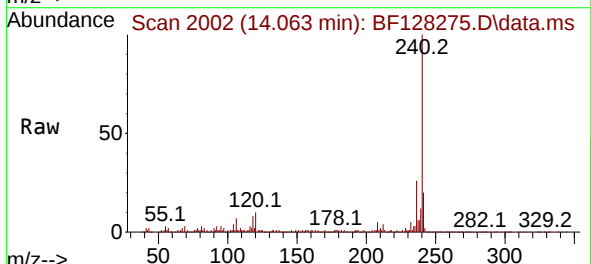
Instrument :
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ClientSampleId :
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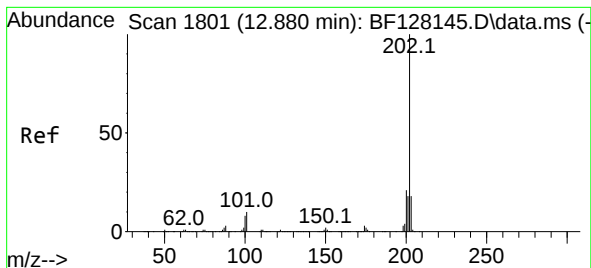
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Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 19.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128275.D
Acq: 16 May 2022 18:44

Tgt Ion:240 Resp: 181826
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.9 20.3 30.5





#78

Pyrene

Concen: 2.251 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

SB13

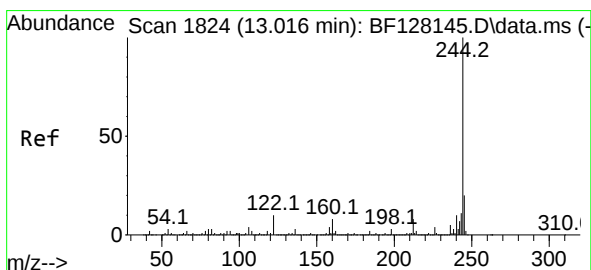
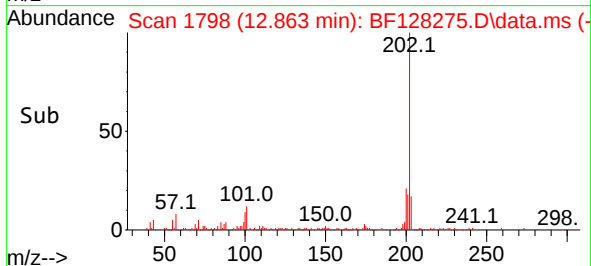
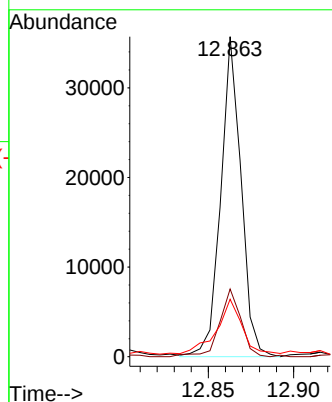
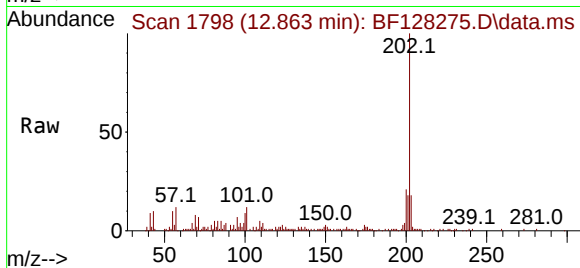
Tgt Ion:202 Resp: 29677

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

203 18.0 14.0 21.0



#79

Terphenyl-d14

Concen: 37.546 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

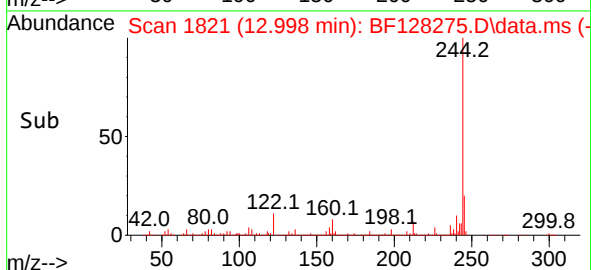
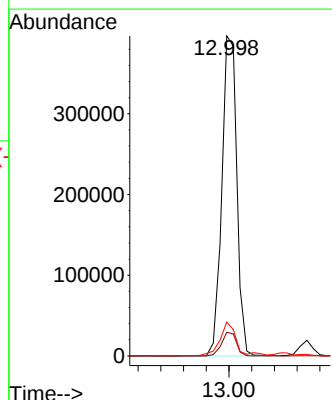
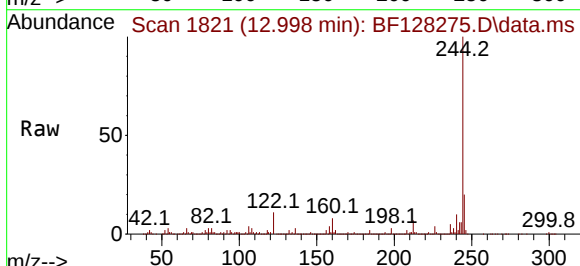
Tgt Ion:244 Resp: 363820

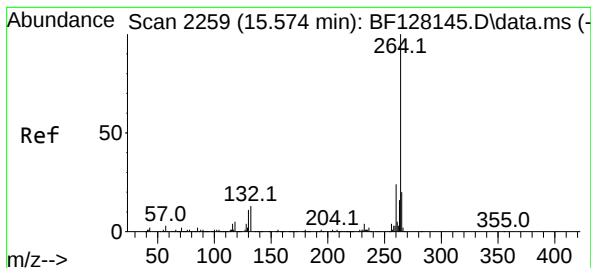
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 10.6 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

SB13

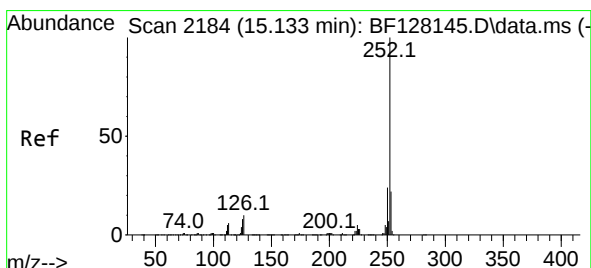
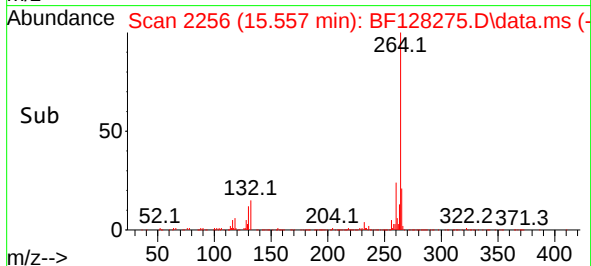
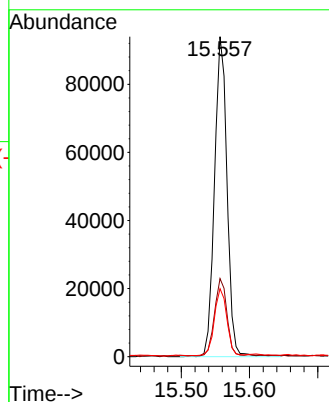
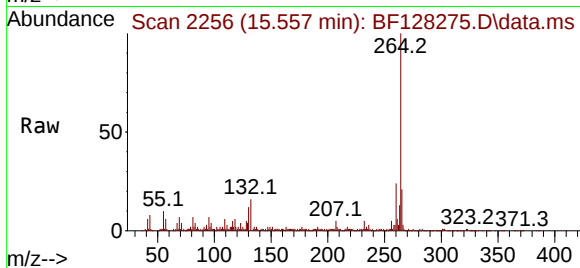
Tgt Ion:264 Resp: 120583

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.3 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 3.123 ng

RT: 15.116 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF128275.D

Acq: 16 May 2022 18:44

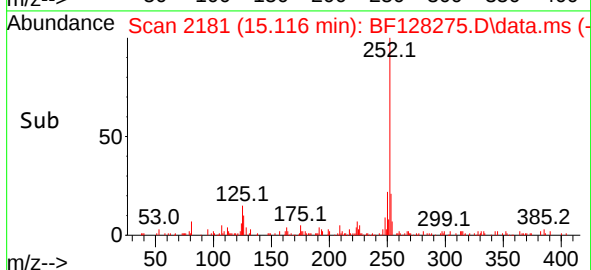
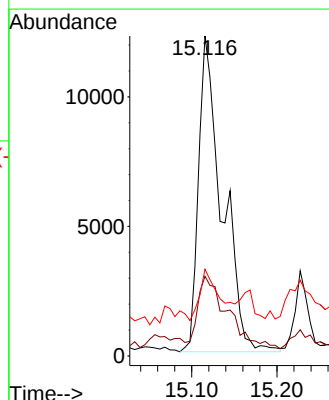
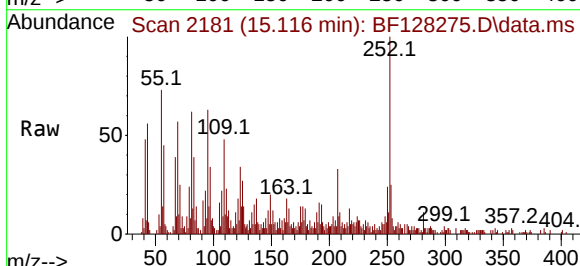
Tgt Ion:252 Resp: 23341

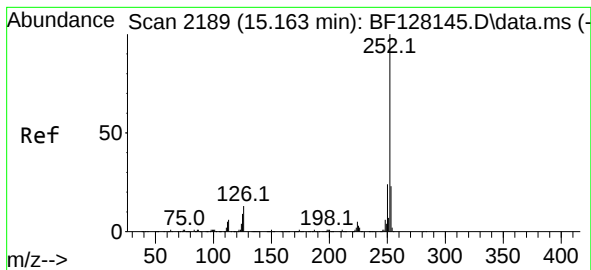
Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.2

125 27.1 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 3.163 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF128275.D

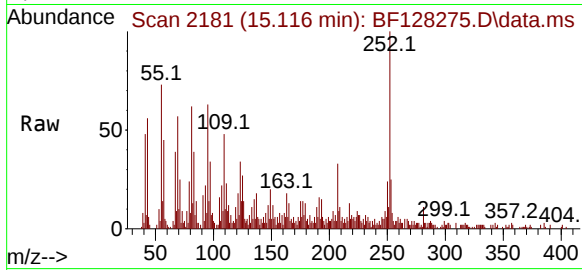
Acq: 16 May 2022 18:44

Instrument :

BNA_F

ClientSampleId :

SB13



Tgt Ion:252 Resp: 23341

Ion Ratio Lower Upper

252 100

253 24.9 17.0 25.4

125 27.1 6.8 10.2#

