

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128773.D
 Acq On : 10 Jun 2022 22:13
 Operator : CG\JU
 Sample : N3296-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 11 01:28:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

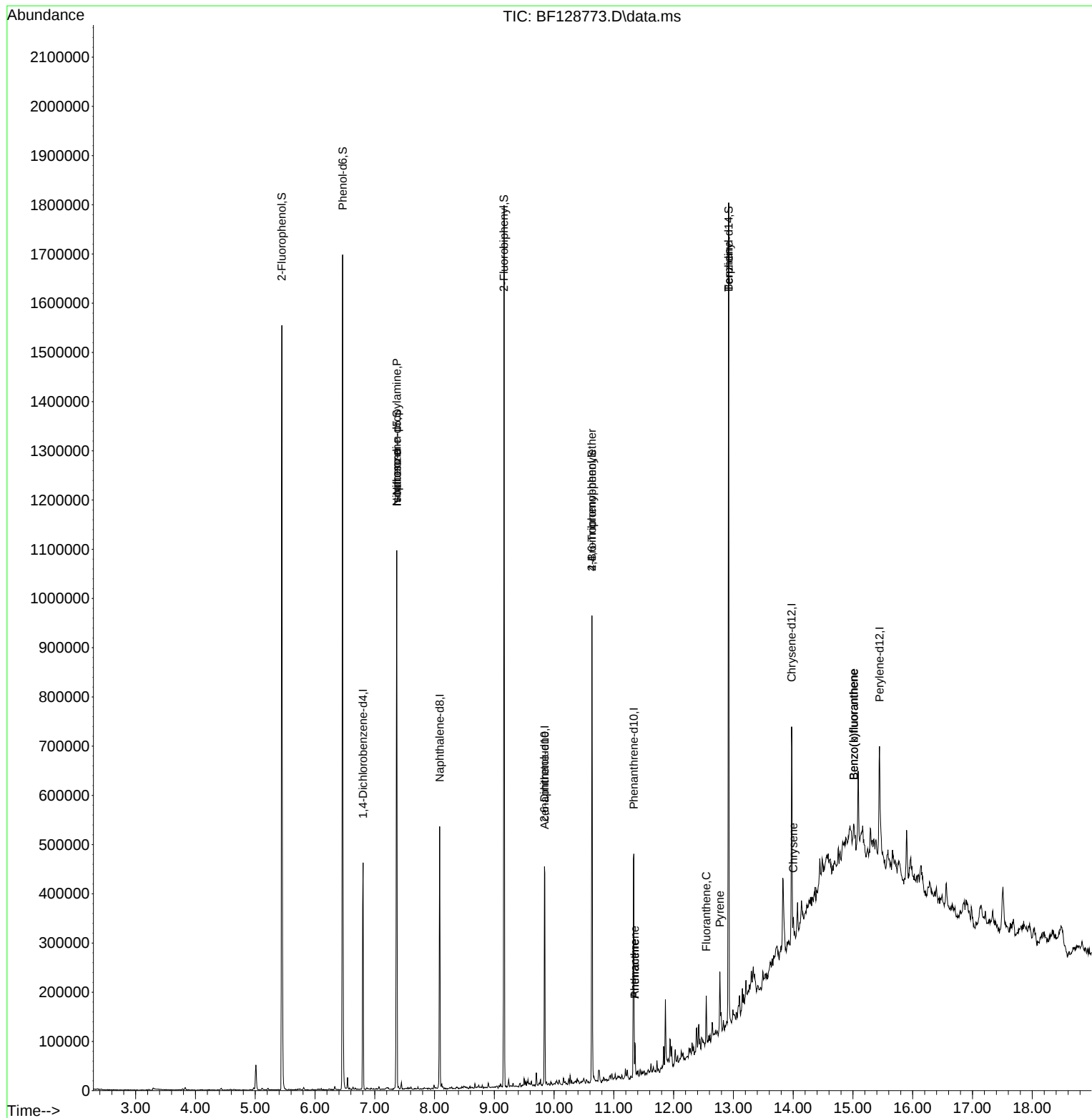
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	59195	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	194925	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	89507	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	172617	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	146848	20.000	ng	-0.01
86) Perylene-d12	15.445	264	97740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	378372	101.813	ng	-0.01
7) Phenol-d6	6.463	99	441463	97.315	ng	-0.02
23) Nitrobenzene-d5	7.369	82	299309	71.491	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	101143	95.637	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	453408	70.959	ng	-0.01
79) Terphenyl-d14	12.921	244	526403	62.289	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	41822	14.828	ng	# 78
25) Isophorone	7.369	82	299359	47.079	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	11582	9.578	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	6569	3.412	ng	# 1
71) Phenanthrene	11.351	178	23509	2.715	ng	98
72) Anthracene	11.351	178	23509	2.743	ng	98
75) Fluoranthene	12.545	202	31096	3.436	ng	98
77) Benzidine	12.921	184	8055	2.752	ng	96
78) Pyrene	12.774	202	46731	4.277	ng	98
83) Chrysene	14.004	228	21662	2.482	ng	# 89
88) Benzo(b)fluoranthene	15.015	252	18631	2.983	ng	# 53
89) Benzo(k)fluoranthene	15.015	252	18631	3.171	ng	# 54

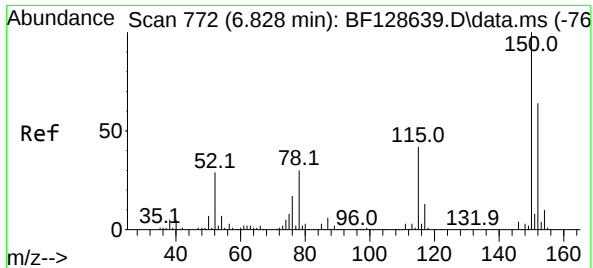
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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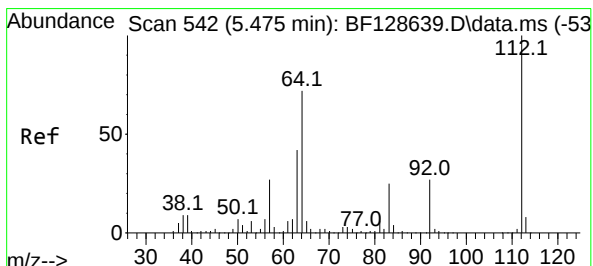
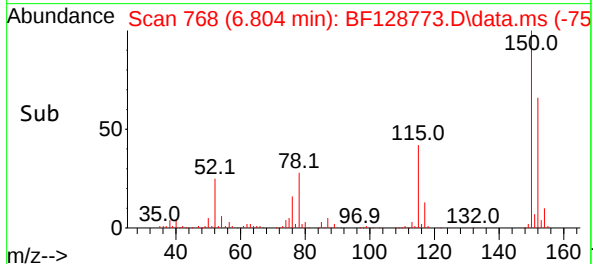
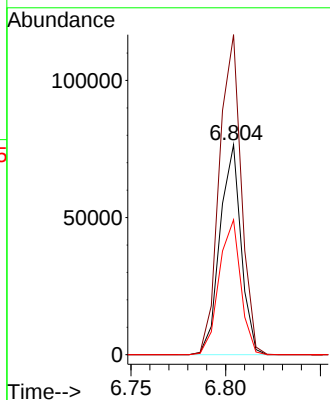
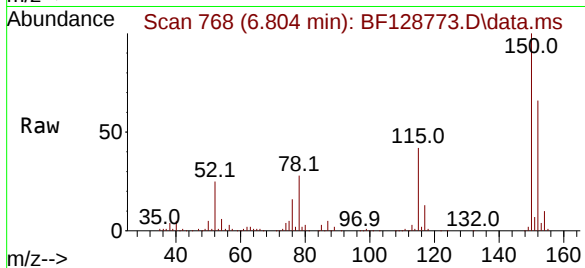




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

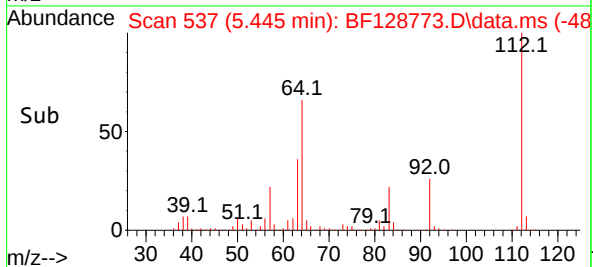
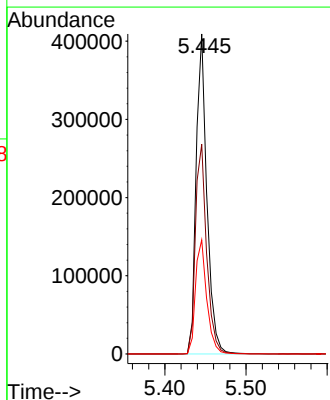
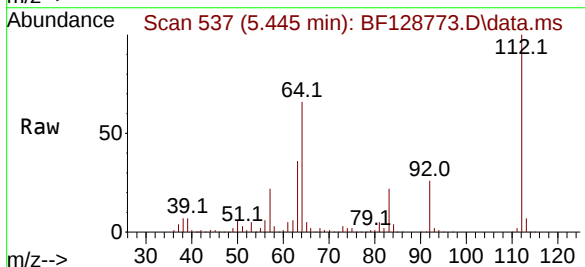
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion:152 Resp: 59195
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 101.813 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:112 Resp: 378372
Ion Ratio Lower Upper
112 100
64 65.5 53.3 79.9
63 35.7 28.0 42.0

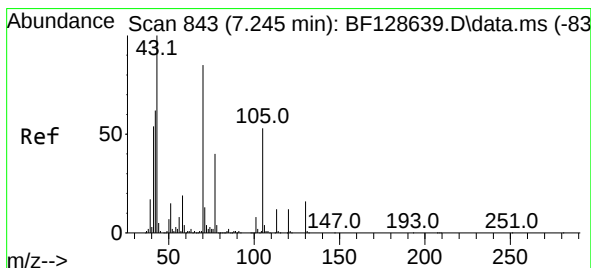
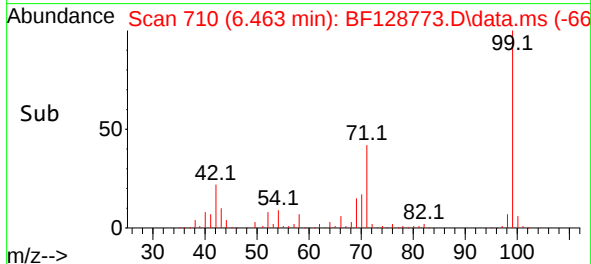
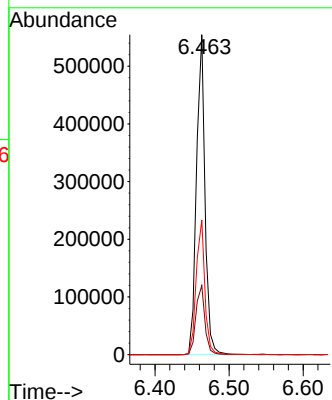
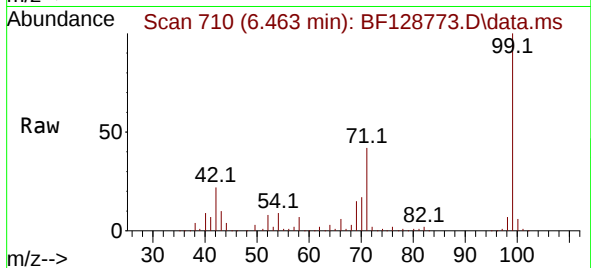




#7
Phenol-d6
Concen: 97.315 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

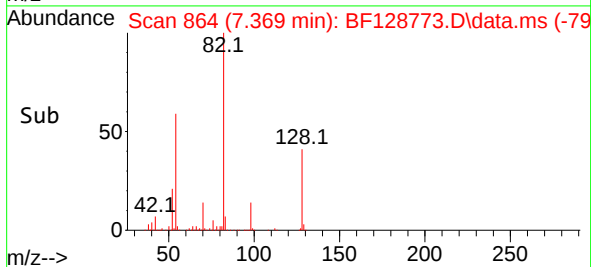
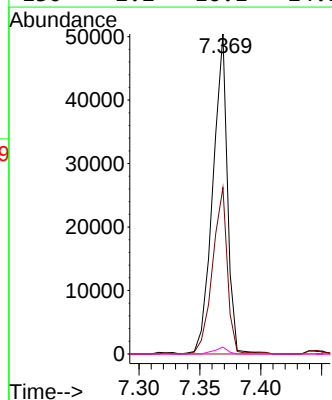
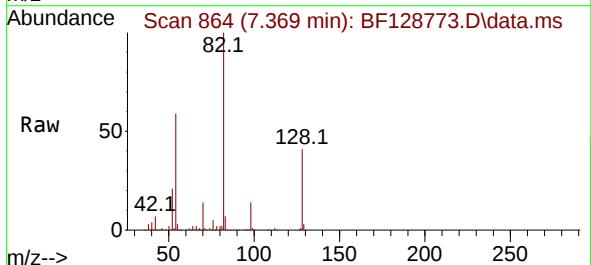
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

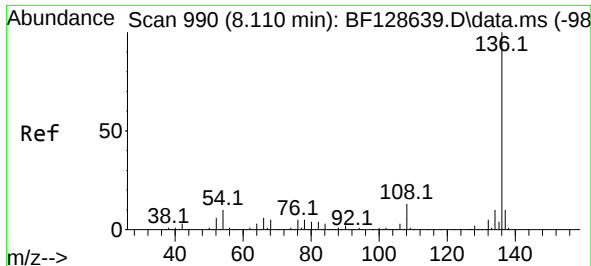
Tgt Ion: 99 Resp: 441463
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.828 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion: 70 Resp: 41822
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

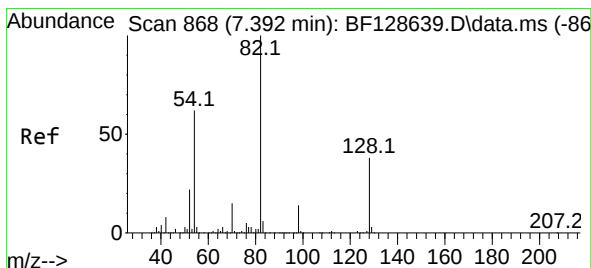
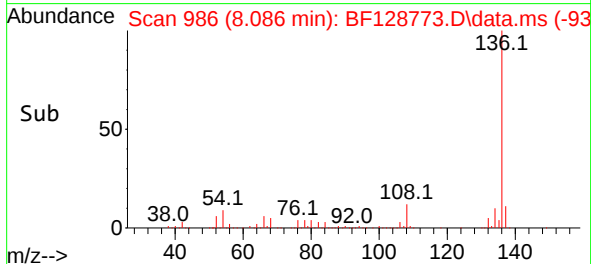
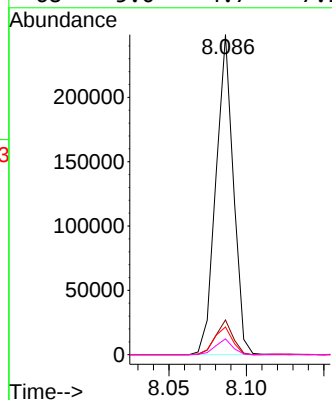
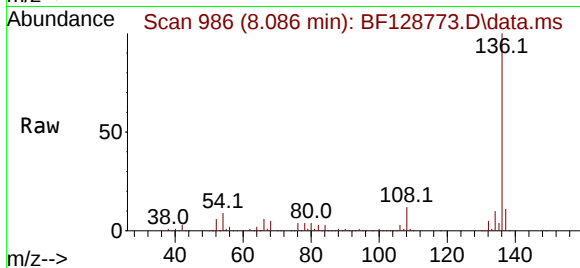




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

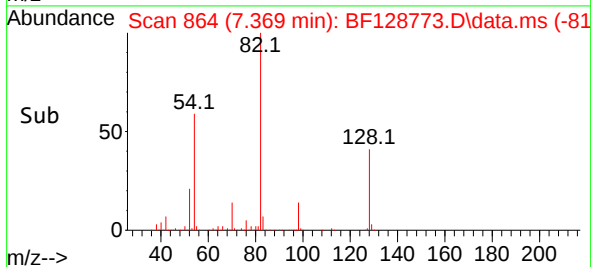
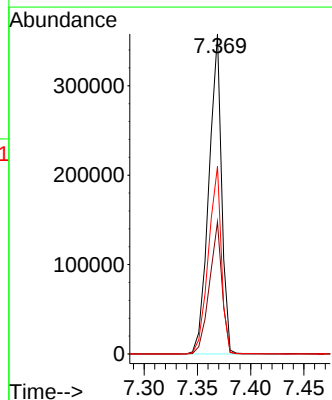
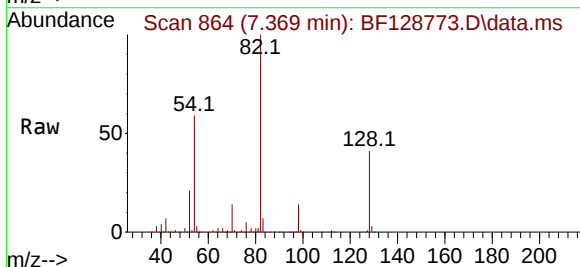
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

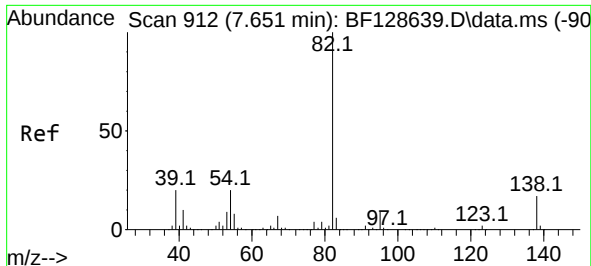
Tgt Ion:	136	Resp:	194925
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	8.7	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.491 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:	82	Resp:	299309
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.0	51.0
54	58.6	46.9	70.3

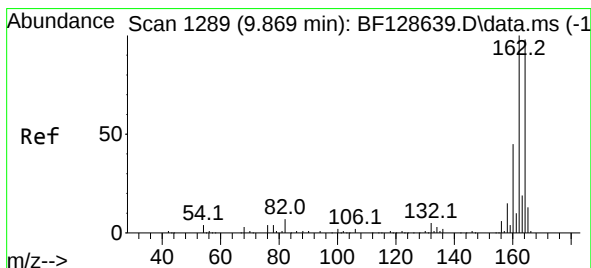
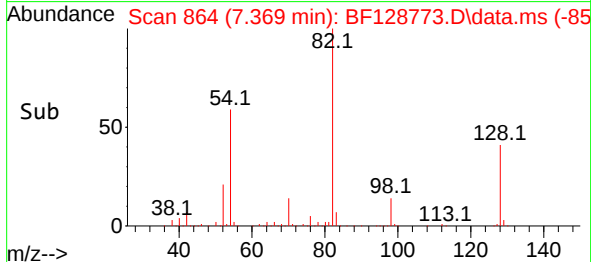
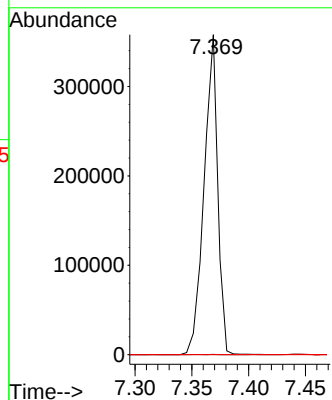
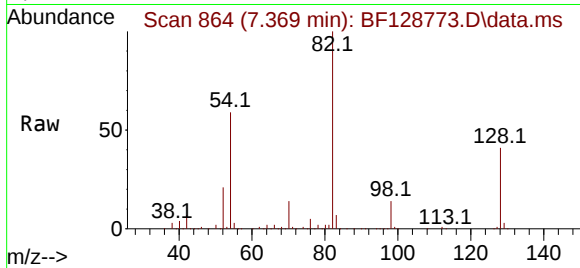




#25
Isophorone
Concen: 47.079 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

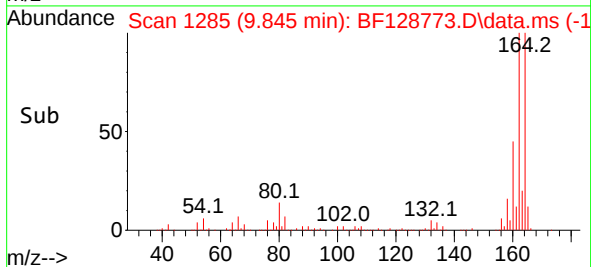
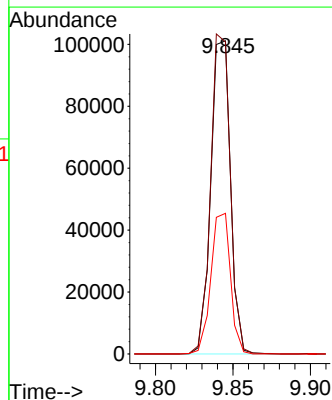
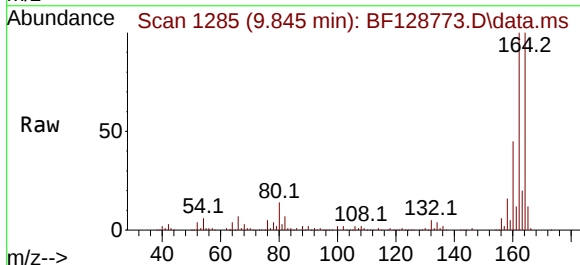
Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion: 82 Resp: 299359
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:164 Resp: 89507
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.637 ng

RT: 10.633 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF128773.D

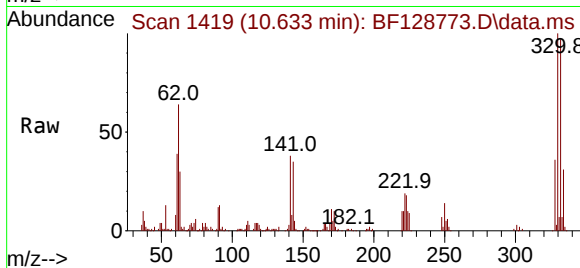
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Instrument :

BNA_F

ClientSampleId :

OK-03-060922



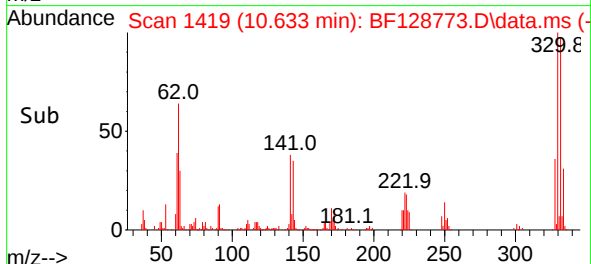
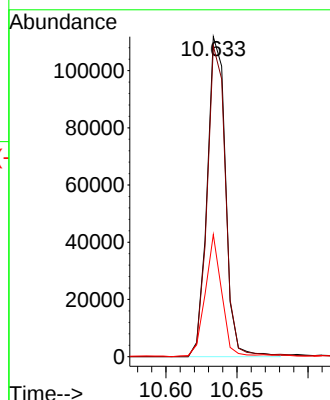
Tgt Ion:330 Resp: 101143

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.959 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

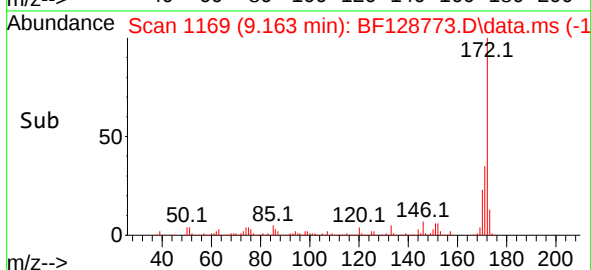
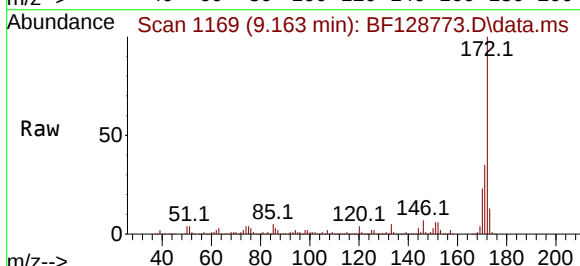
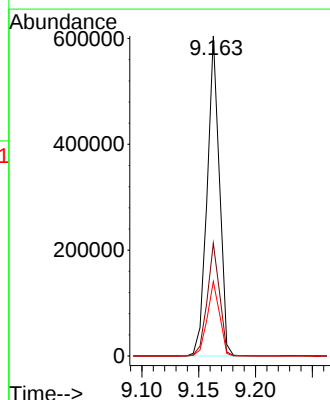
Tgt Ion:172 Resp: 453408

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.2 19.8 29.8

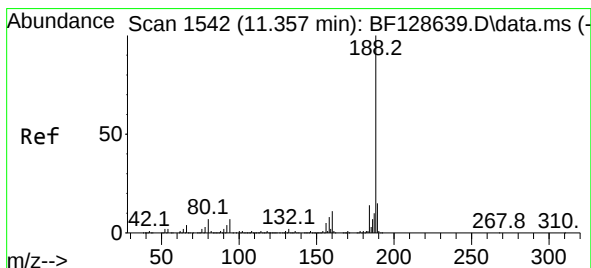
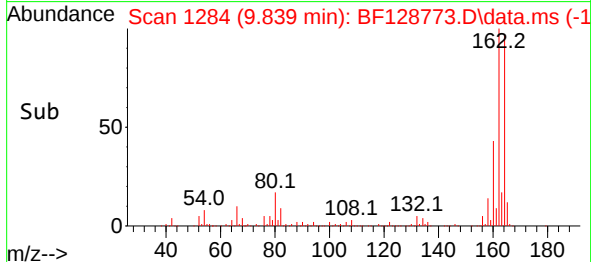
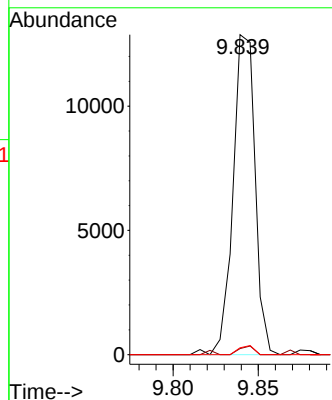
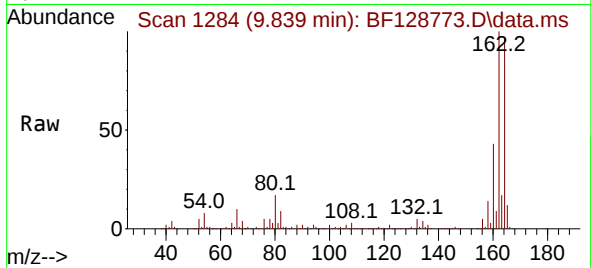




#51
2,6-Dinitrotoluene
Concen: 9.578 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

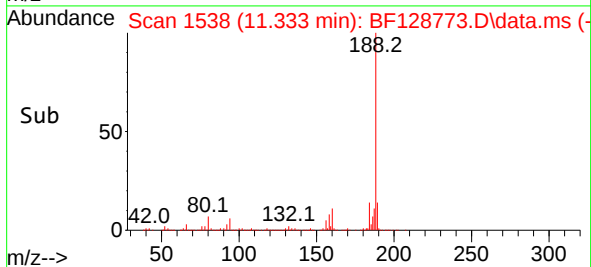
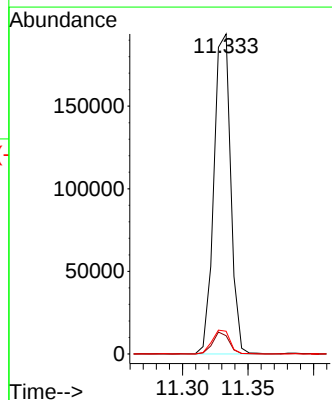
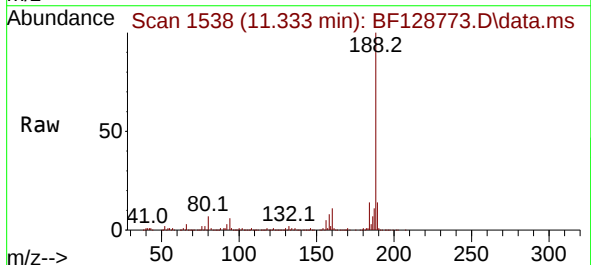
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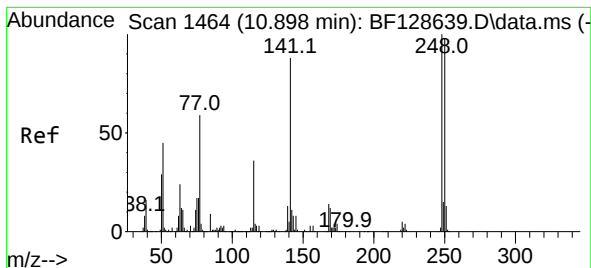
Tgt Ion:165 Resp: 11582
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 2.2 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:188 Resp: 172617
Ion Ratio Lower Upper
188 100
94 5.7 7.0 10.6#
80 7.1 7.6 11.4#

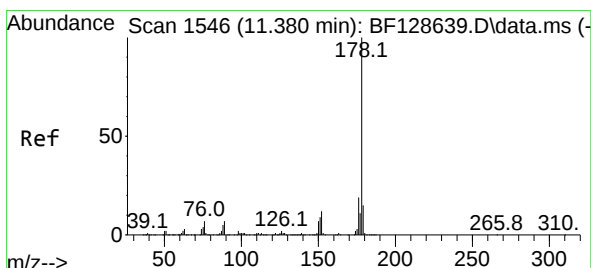
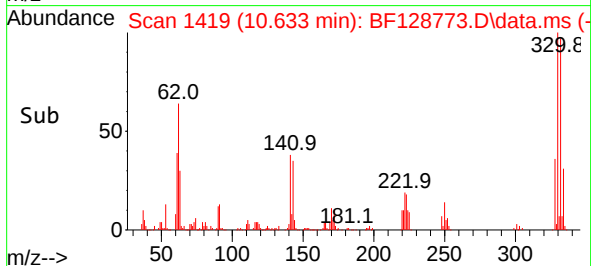
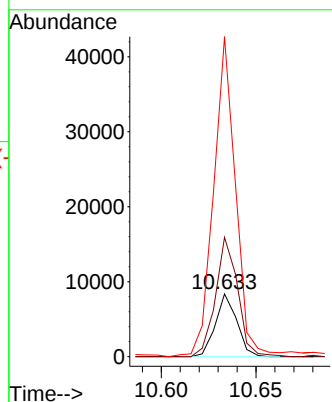
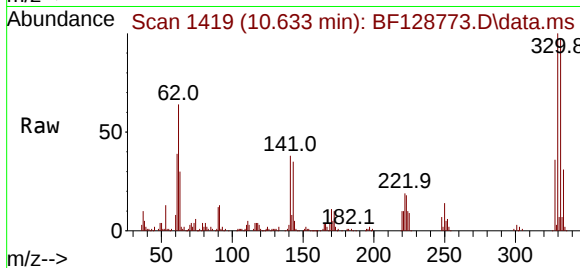




#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.253 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

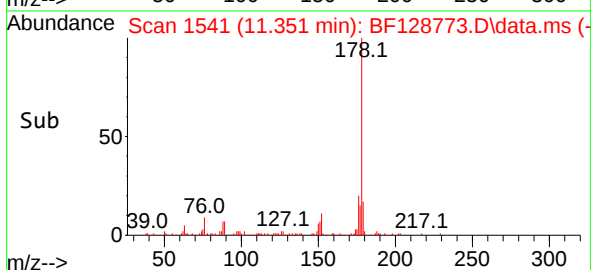
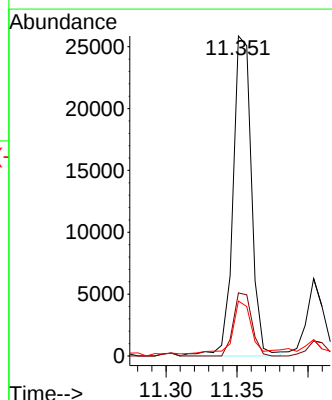
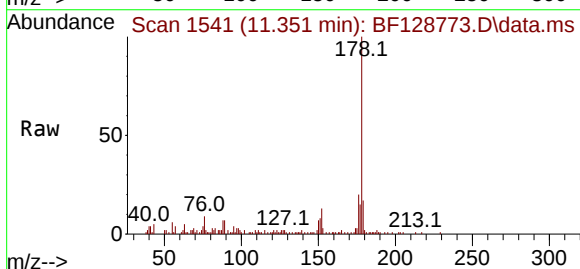
Instrument :
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OK-03-060922

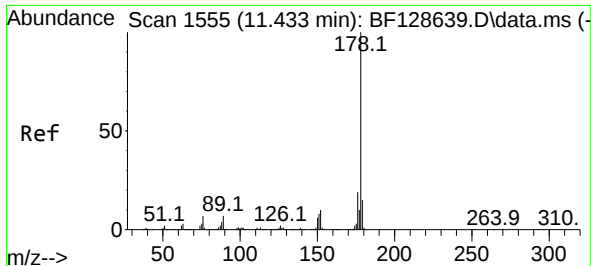
Tgt Ion:248 Resp: 6569
Ion Ratio Lower Upper
248 100
250 190.6 80.6 120.8#
141 510.6 58.9 88.3#



#71
Phenanthrene
Concen: 2.715 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:178 Resp: 23509
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 17.2 12.6 19.0

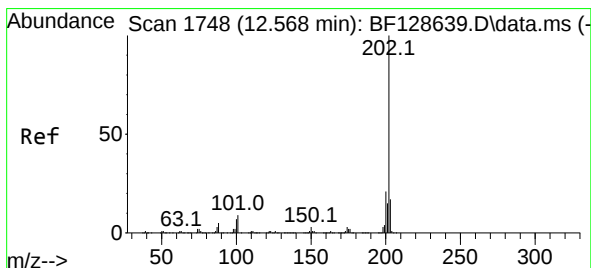
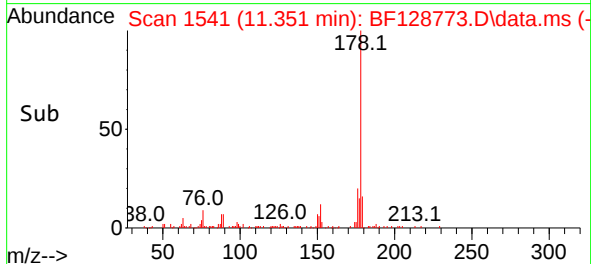
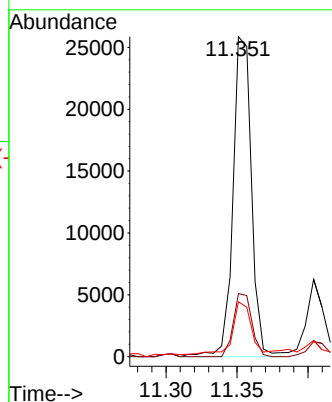
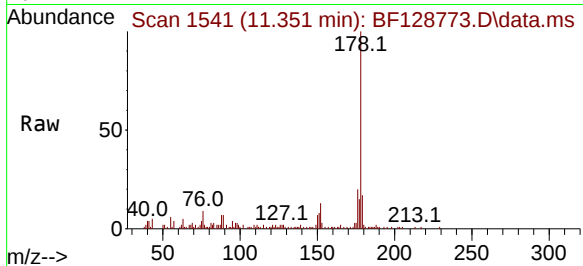




#72
 Anthracene
 Concen: 2.743 ng
 RT: 11.351 min Scan# 11
 Delta R.T. -0.071 min
 Lab File: BF128773.D
 Acq: 10 Jun 2022 22:13

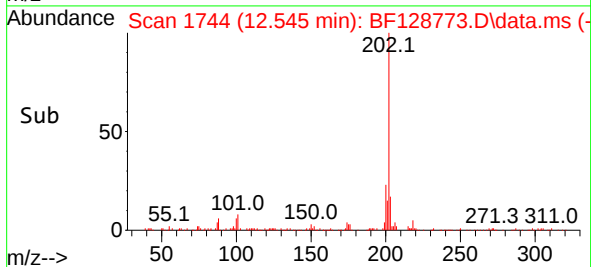
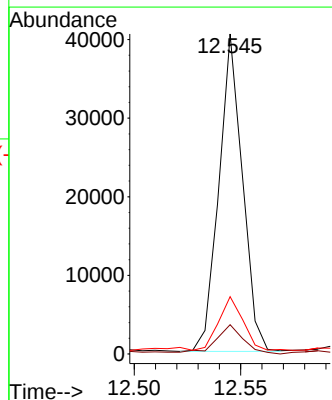
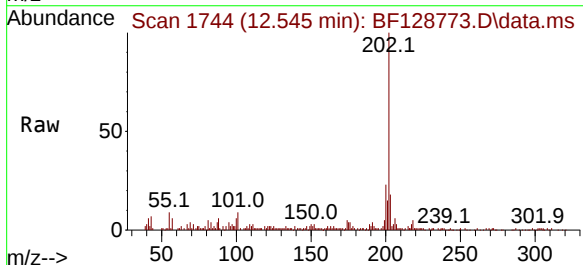
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-060922

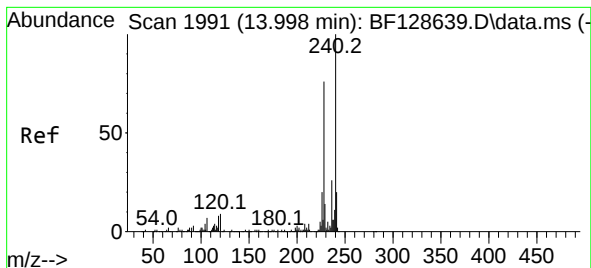
Tgt Ion:178	Resp:	23509
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.4 23.2
179	17.2	12.6 19.0



#75
 Fluoranthene
 Concen: 3.436 ng
 RT: 12.545 min Scan# 1744
 Delta R.T. -0.012 min
 Lab File: BF128773.D
 Acq: 10 Jun 2022 22:13

Tgt Ion:202	Resp:	31096
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 31.4
203	17.9	0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

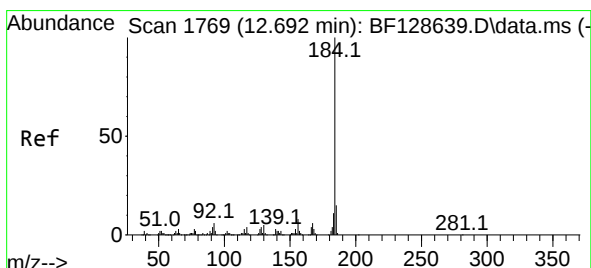
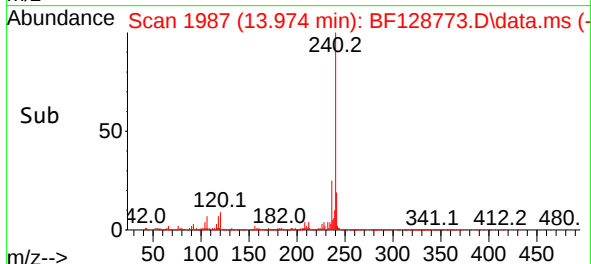
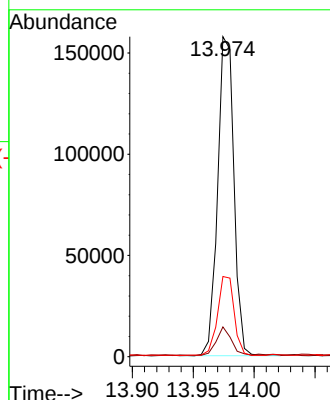
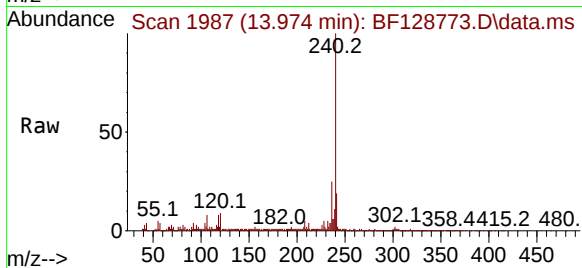
Tgt Ion:240 Resp: 146848

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

236 25.1 20.8 31.2



#77

Benzidine

Concen: 2.752 ng

RT: 12.921 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

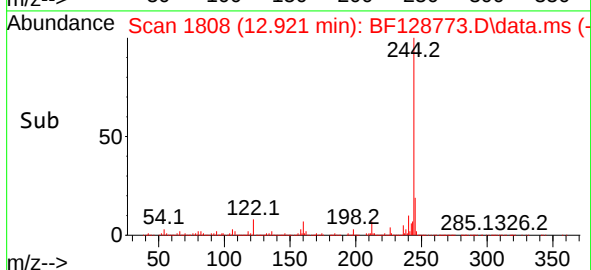
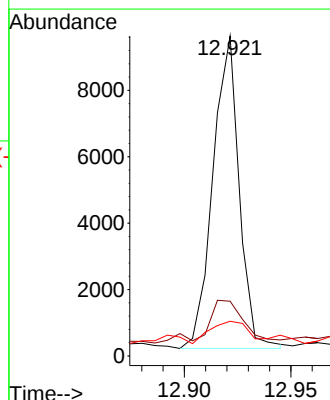
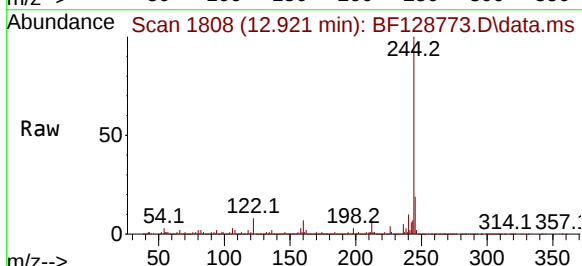
Tgt Ion:184 Resp: 8055

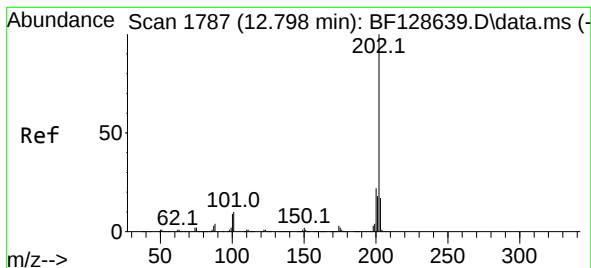
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

183 10.9 9.3 13.9





#78

Pyrene

Concen: 4.277 ng

RT: 12.774 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

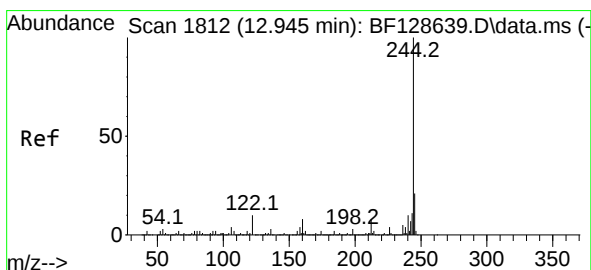
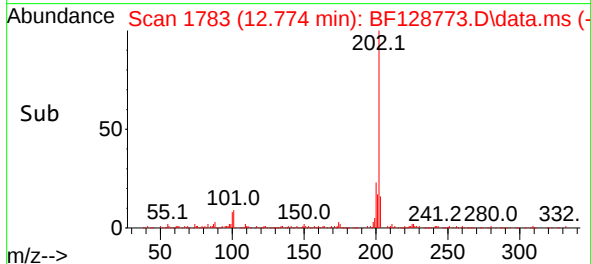
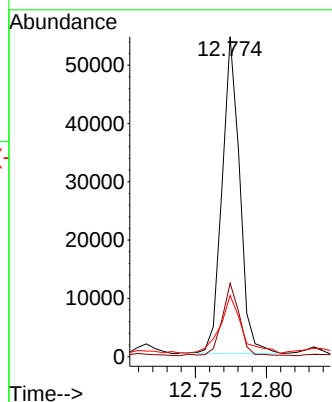
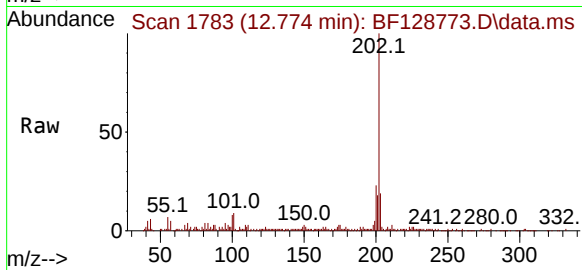
Tgt Ion:202 Resp: 46731

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

203 19.1 14.6 21.8



#79

Terphenyl-d14

Concen: 62.289 ng

RT: 12.921 min Scan# 1808

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

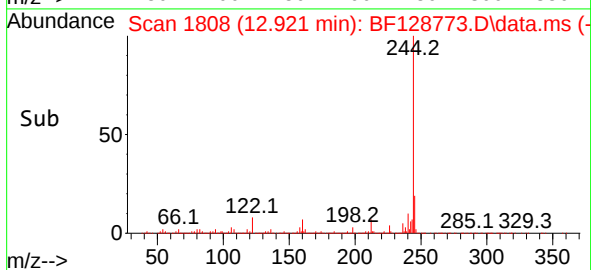
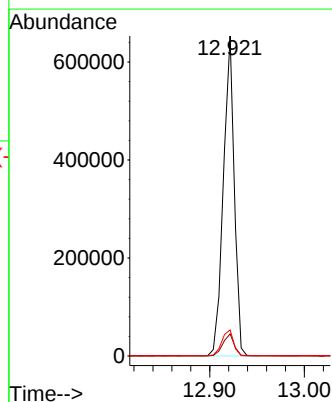
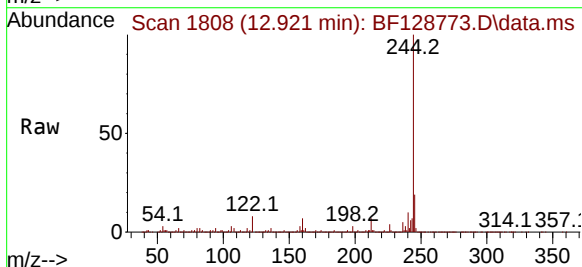
Tgt Ion:244 Resp: 526403

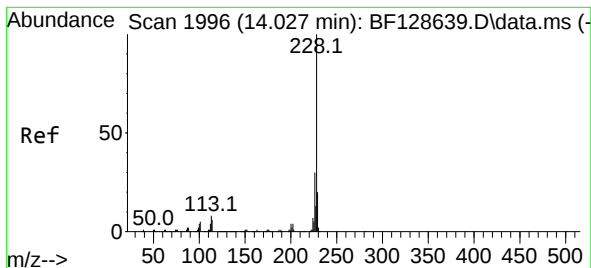
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 8.1 8.8 13.2#





#83

Chrysene

Concen: 2.482 ng

RT: 14.004 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

Instrument :

BNA_F

ClientSampleId :

OK-03-060922

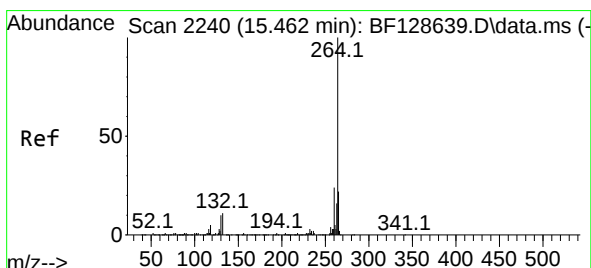
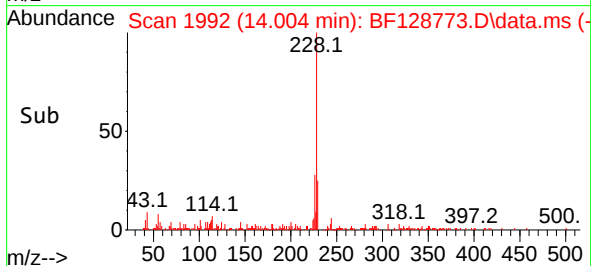
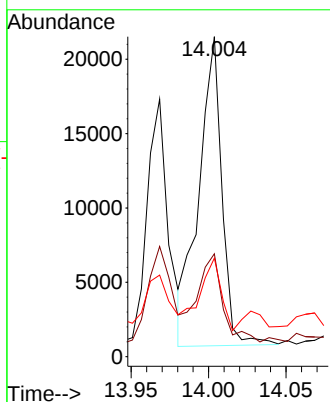
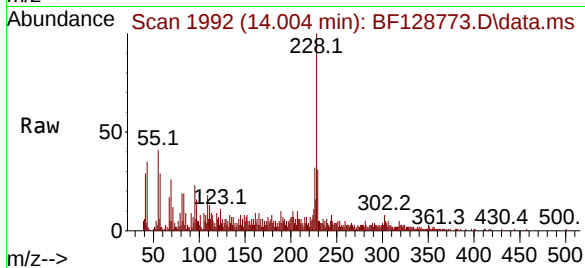
Tgt Ion:228 Resp: 21662

Ion Ratio Lower Upper

228 100

226 32.2 24.3 36.5

229 30.8 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2237

Delta R.T. -0.000 min

Lab File: BF128773.D

Acq: 10 Jun 2022 22:13

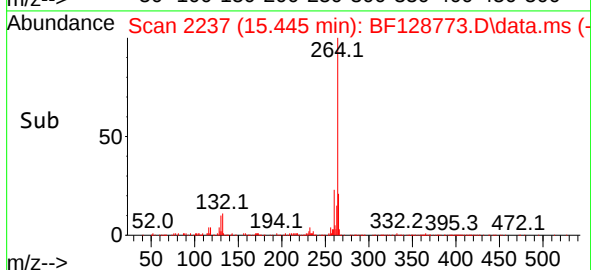
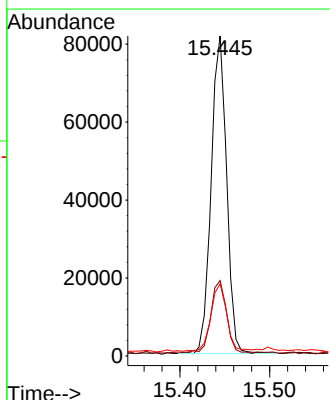
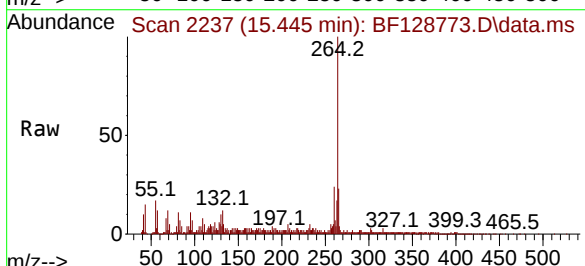
Tgt Ion:264 Resp: 97740

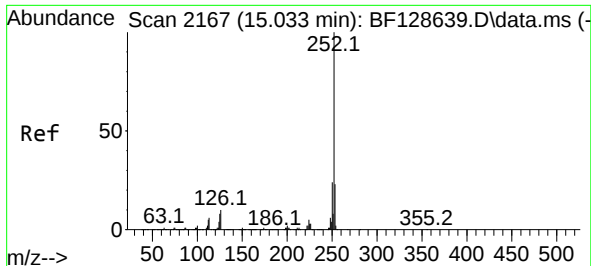
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.5 17.2 25.8

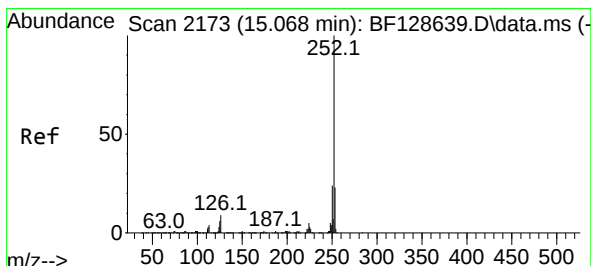
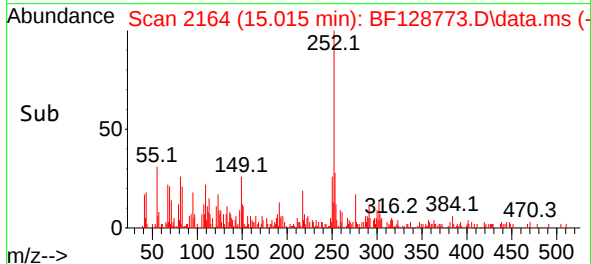
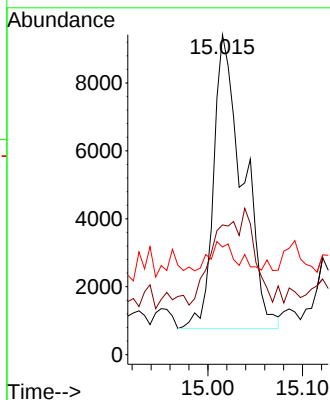
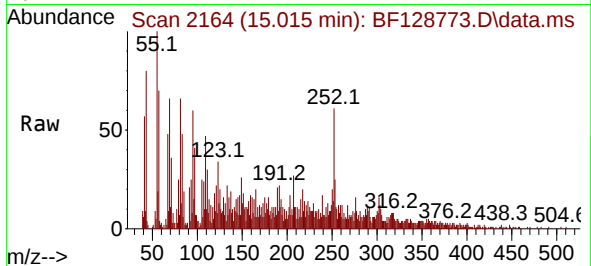




#88
Benzo(b)fluoranthene
Concen: 2.983 ng
RT: 15.015 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Instrument :
BNA_F
ClientSampleId :
OK-03-060922

Tgt Ion:252 Resp: 18631
Ion Ratio Lower Upper
252 100
253 40.6 17.7 26.5#
125 33.7 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.171 ng
RT: 15.015 min Scan# 2164
Delta R.T. -0.036 min
Lab File: BF128773.D
Acq: 10 Jun 2022 22:13

Tgt Ion:252 Resp: 18631
Ion Ratio Lower Upper
252 100
253 40.6 17.8 26.6#
125 33.7 8.3 12.5#

