

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128788.D
 Acq On : 13 Jun 2022 17:12
 Operator : CG\JU
 Sample : N3299-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-15DL

Quant Time: Jun 14 01:56:15 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)

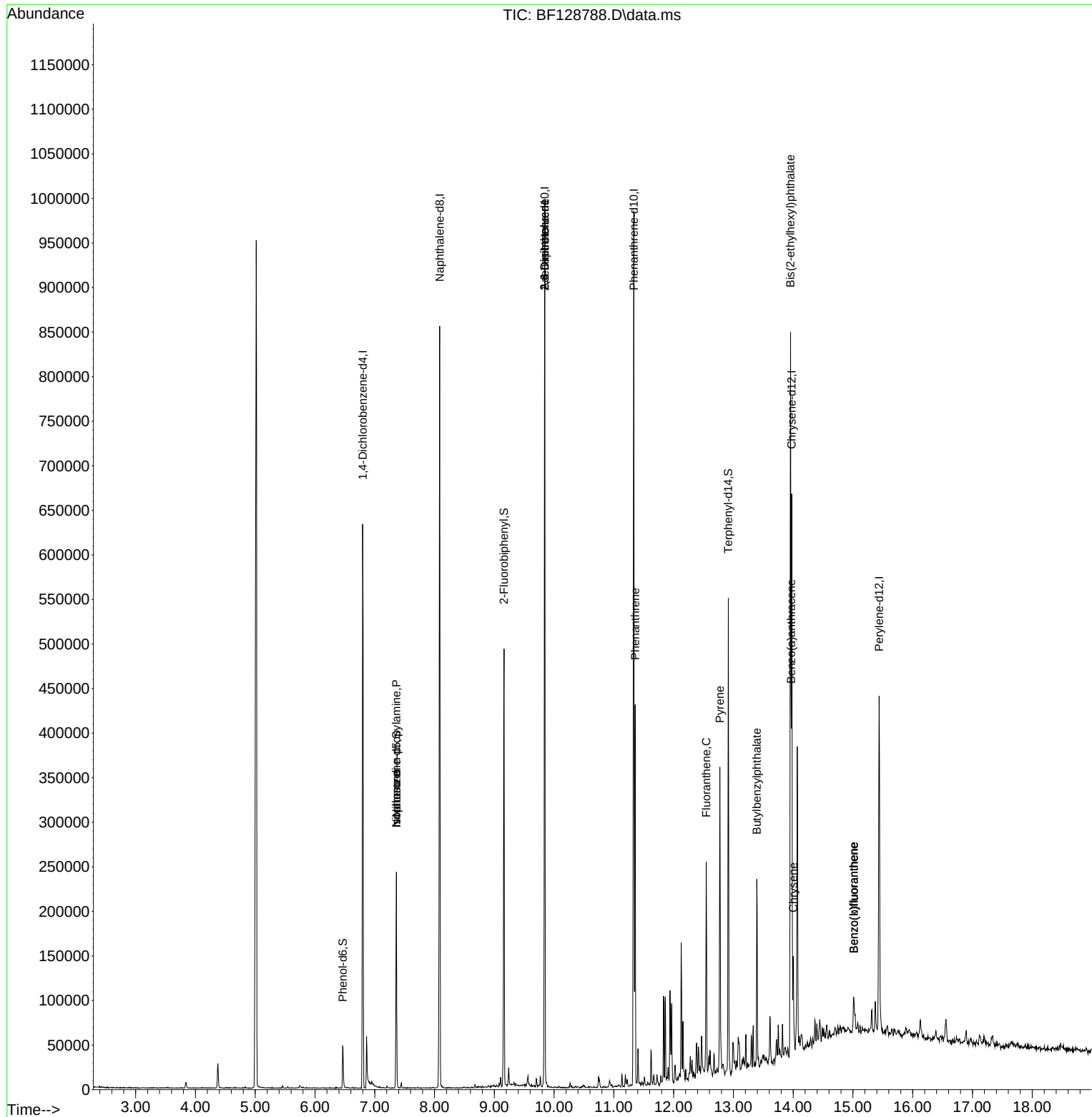
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	89256	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	342986	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	192159	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	341306	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	213547	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	168577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	788	0.141	ng	0.00
7) Phenol-d6	6.463	99	15739	2.301	ng	-0.02
23) Nitrobenzene-d5	7.363	82	70277	9.540	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	145128	10.580	ng	-0.01
79) Terphenyl-d14	12.916	244	154923	12.606	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	10064	2.366	ng	# 77
25) Isophorone	7.363	82	70063	6.262	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	24466	9.425	ng	# 25
57) 2,4-Dinitrotoluene	9.845	165	24466	7.062	ng	# 21
71) Phenanthrene	11.357	178	146189	8.539	ng	98
75) Fluoranthene	12.545	202	77564	4.334	ng	96
78) Pyrene	12.774	202	128790	8.106	ng	97
80) Butylbenzylphthalate	13.392	149	43033	6.450	ng	100
81) Benzo(a)anthracene	13.968	228	39925	2.999	ng	97
83) Chrysene	14.004	228	42348	3.337	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	199505	23.000	ng	99
88) Benzo(b)fluoranthene	15.015	252	25120	2.332	ng	97
89) Benzo(k)fluoranthene	15.015	252	25120	2.479	ng	97

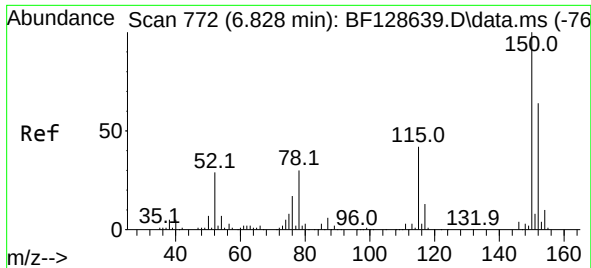
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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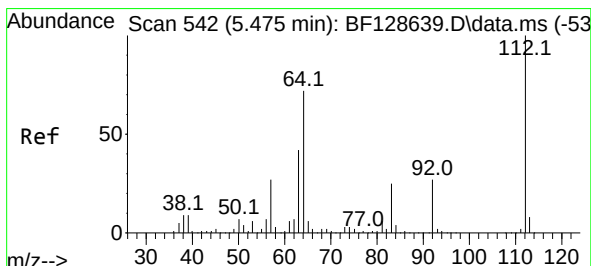
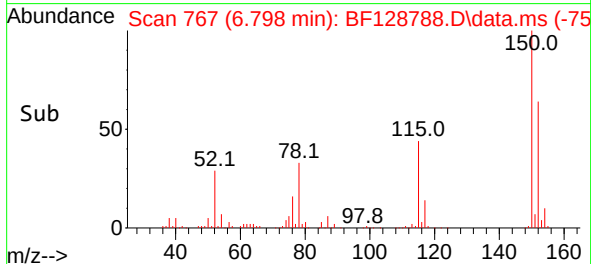
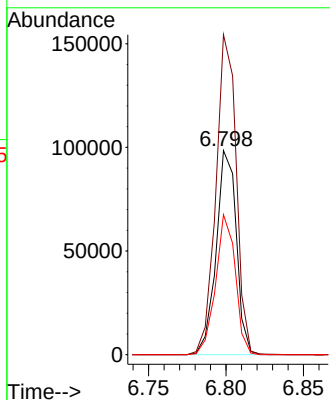
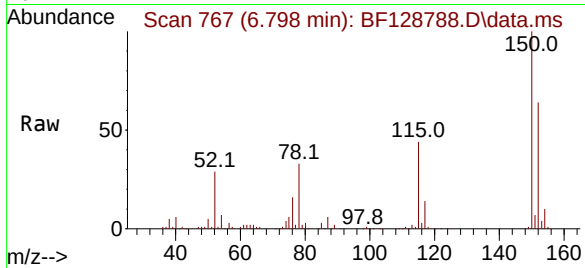




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

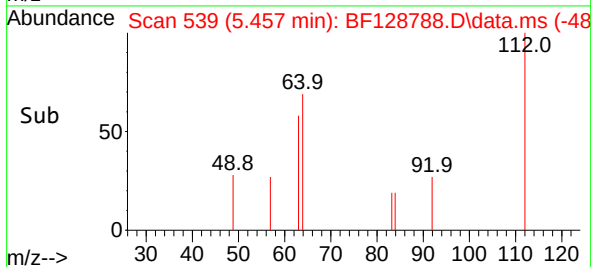
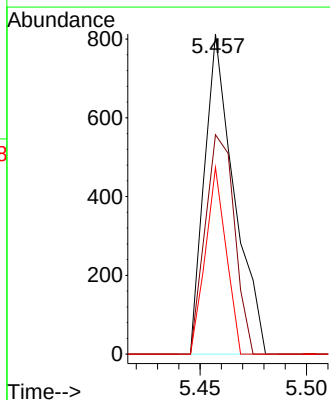
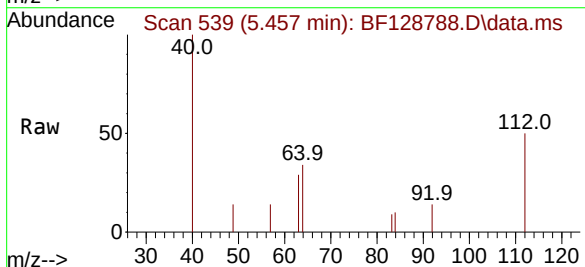
Instrument :
BNA_F
ClientSampleId :
SC-15DL

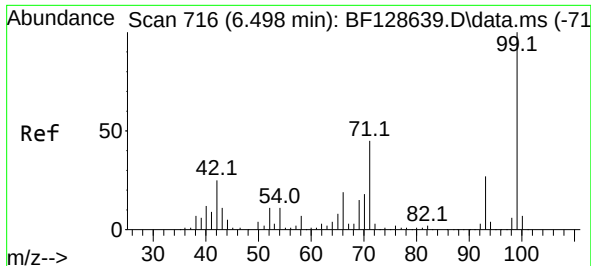
Tgt Ion:152 Resp: 89256
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 68.6 49.9 74.9



#5
2-Fluorophenol
Concen: 0.141 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:112 Resp: 788
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 58.3 28.0 42.0#

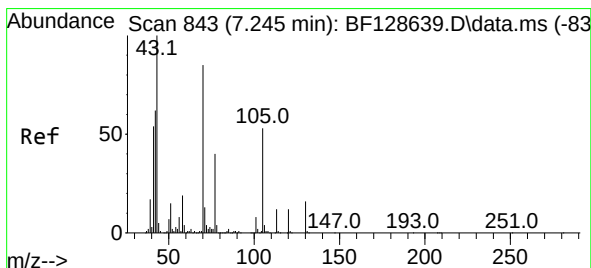
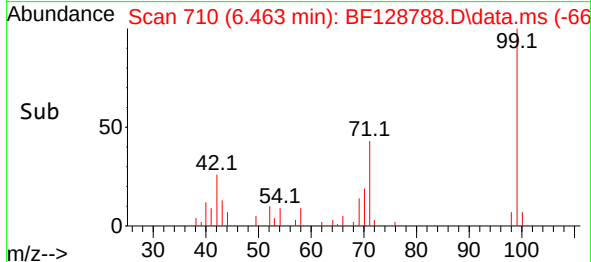
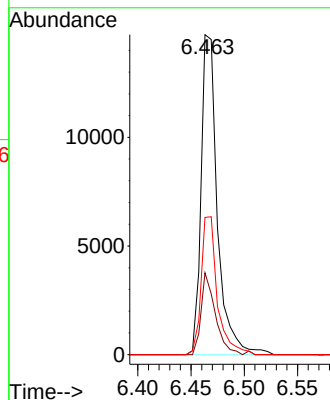
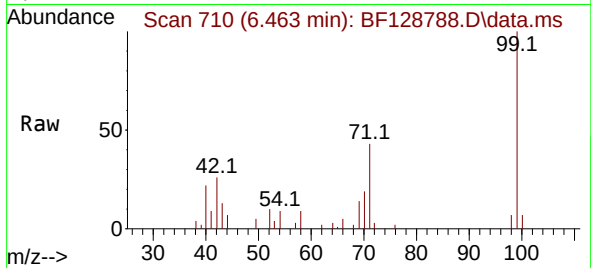




#7
Phenol-d6
Concen: 2.301 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

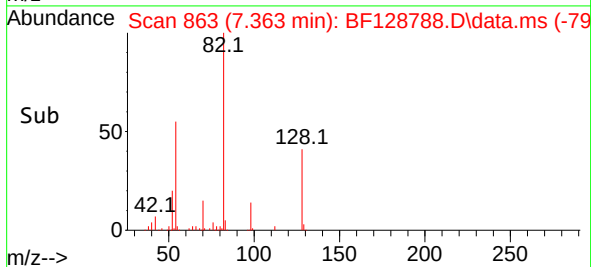
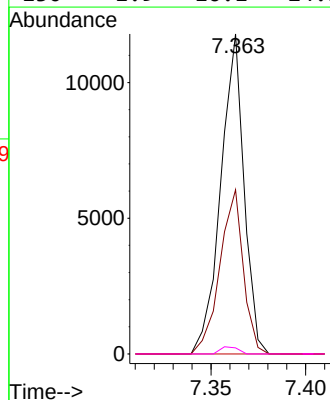
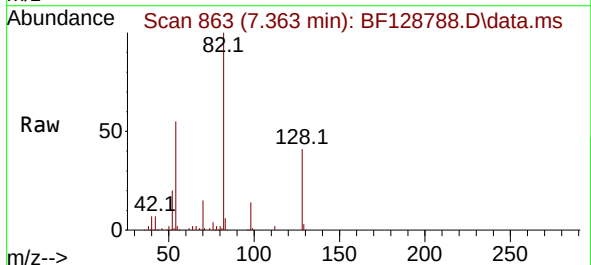
Instrument :
BNA_F
ClientSampleId :
SC-15DL

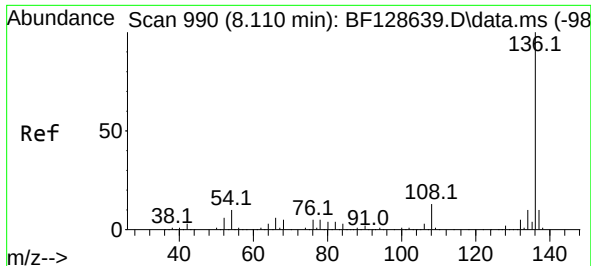
Tgt Ion: 99 Resp: 15739
Ion Ratio Lower Upper
99 100
42 25.6 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.366 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.129 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

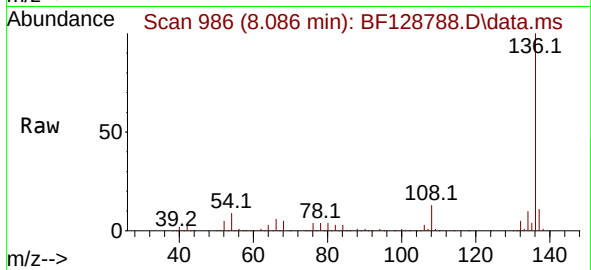
Tgt Ion: 70 Resp: 10064
Ion Ratio Lower Upper
70 100
42 51.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



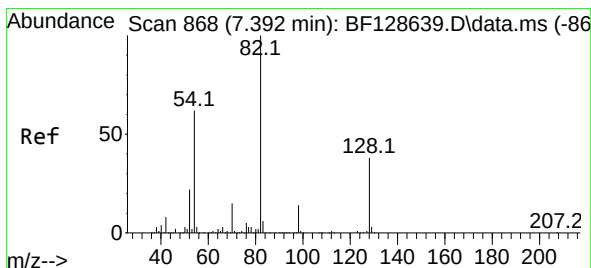
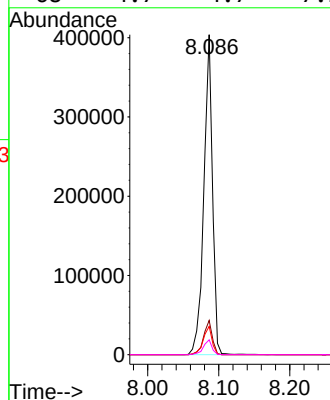
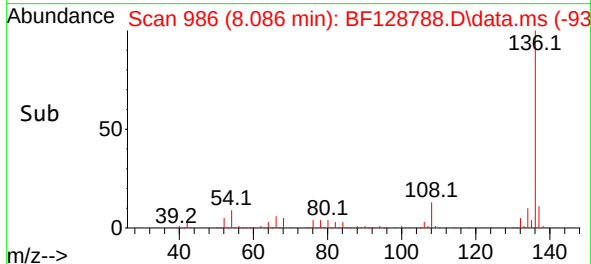


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SC-15DL

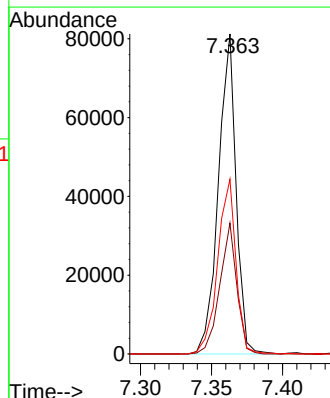
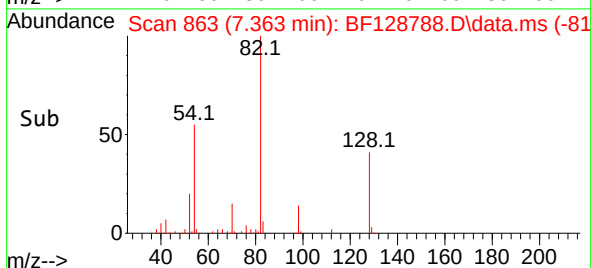
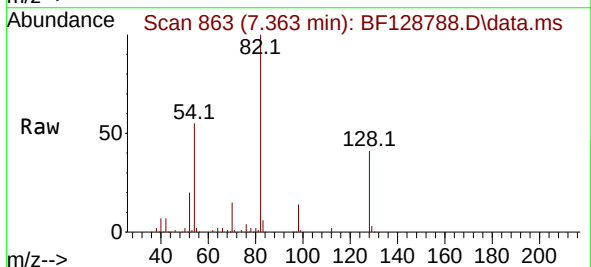


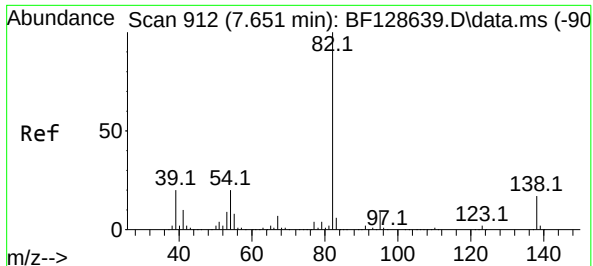
Tgt Ion:136 Resp: 342986
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.9 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 9.540 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.018 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion: 82 Resp: 70277
Ion Ratio Lower Upper
82 100
128 40.9 34.0 51.0
54 54.6 46.9 70.3

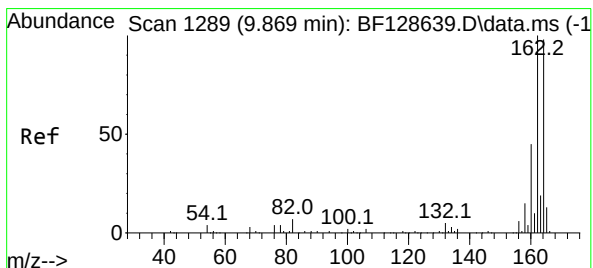
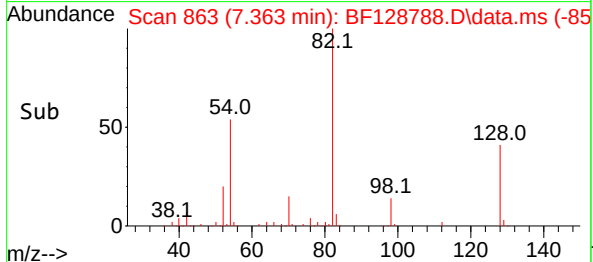
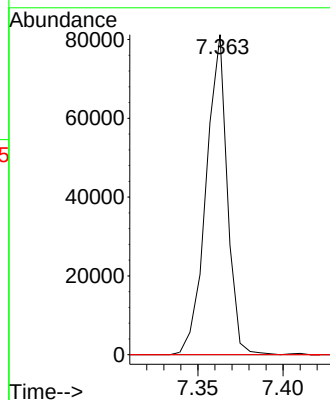
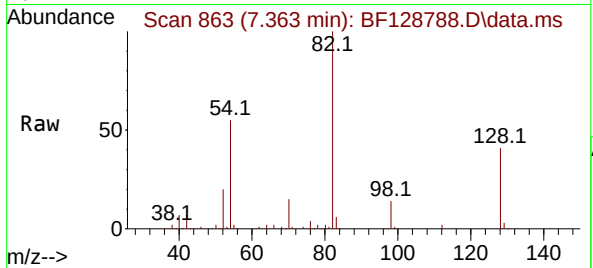




#25
Isophorone
Concen: 6.262 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.277 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

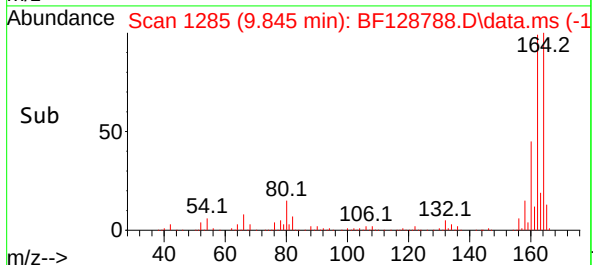
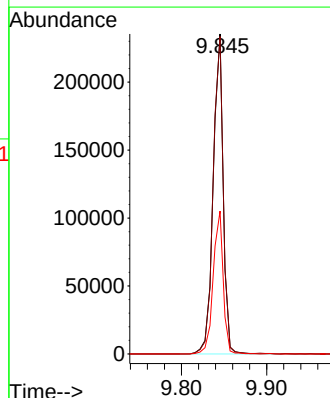
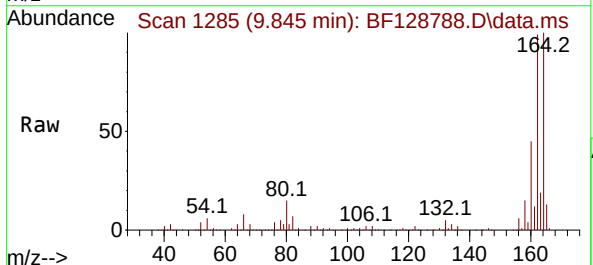
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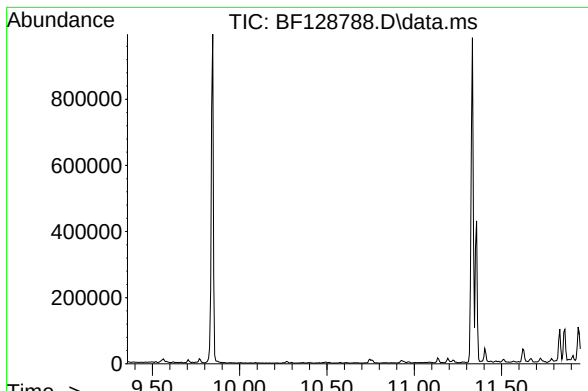
Tgt Ion: 82 Resp: 70063
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:164 Resp: 192159
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 44.7 34.2 51.4

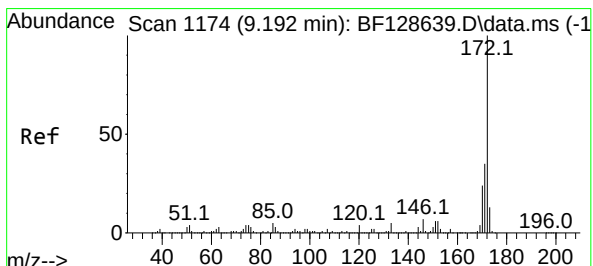
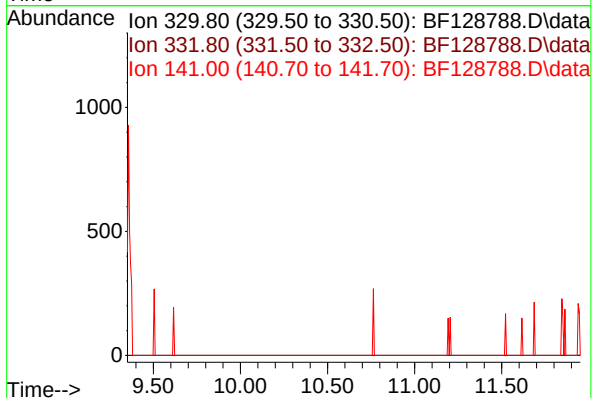




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF128788.D
 Acq: 13 Jun 2022 17:12

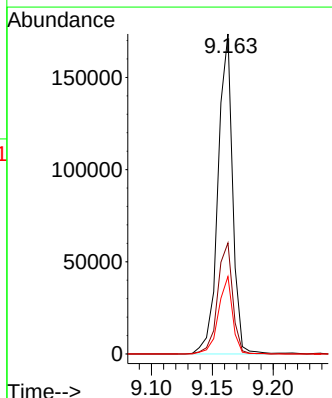
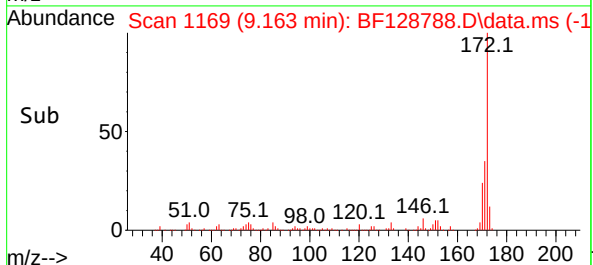
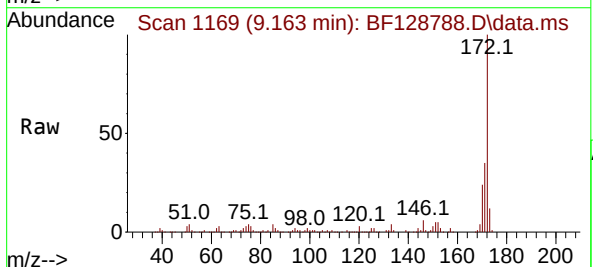
Instrument :
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 ClientSampleId :
 SC-15DL

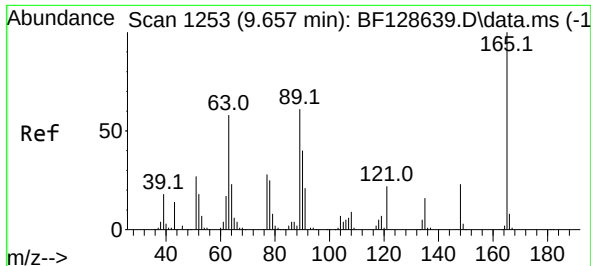
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0



#45
 2-Fluorobiphenyl
 Concen: 10.580 ng
 RT: 9.163 min Scan# 1169
 Delta R.T. -0.012 min
 Lab File: BF128788.D
 Acq: 13 Jun 2022 17:12

Tgt Ion: 172 Resp: 145128
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 24.2 19.8 29.8

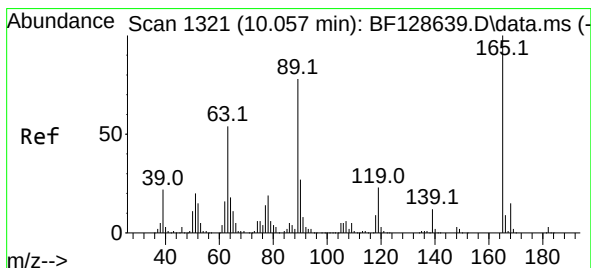
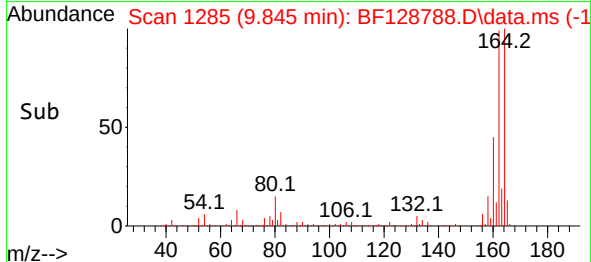
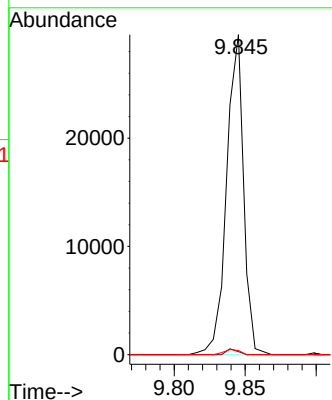
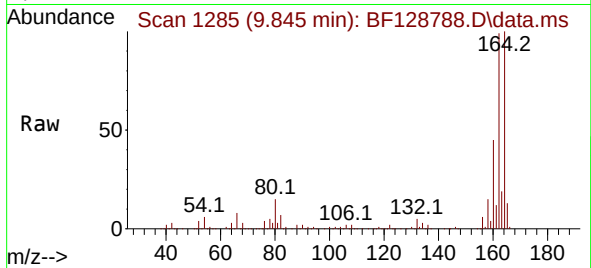




#51
2,6-Dinitrotoluene
Concen: 9.425 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

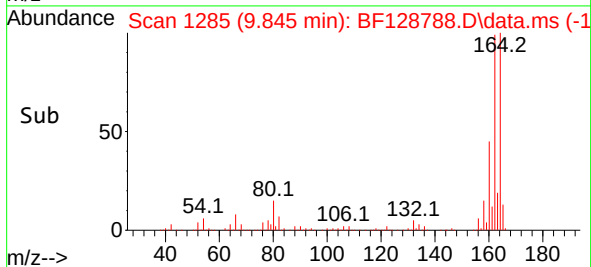
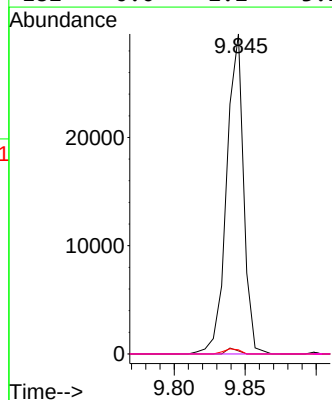
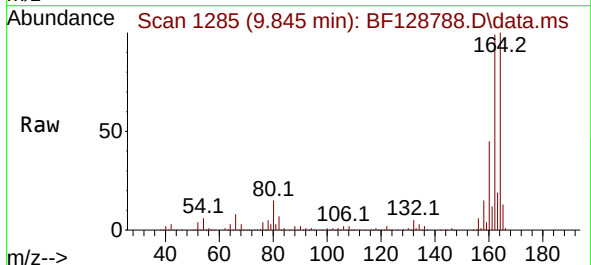
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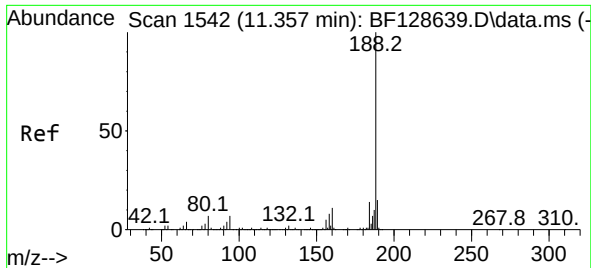
Tgt Ion:165 Resp: 24466
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.062 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.200 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:165 Resp: 24466
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

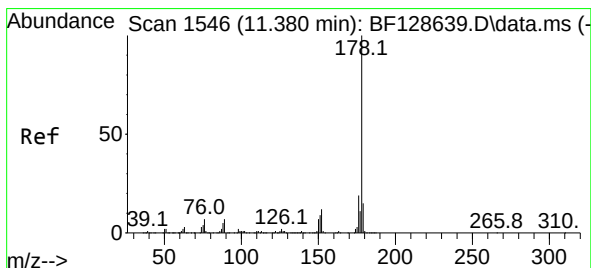
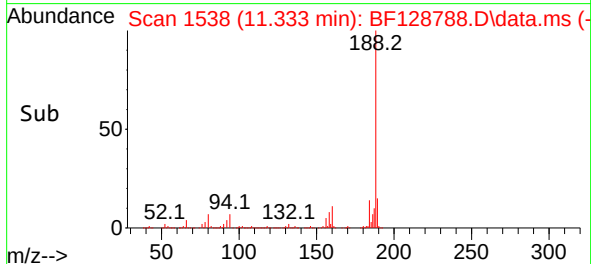
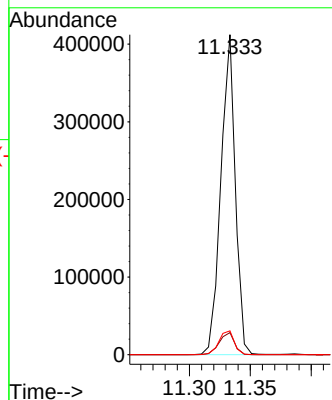
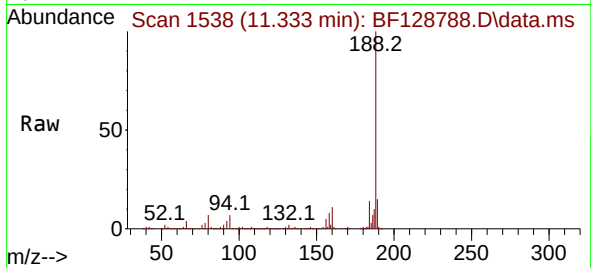




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

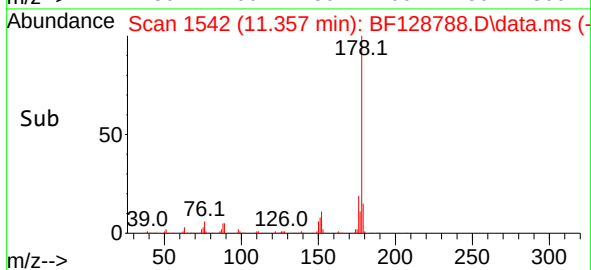
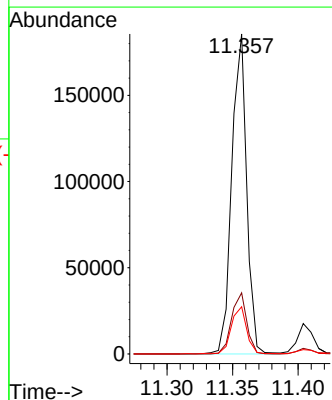
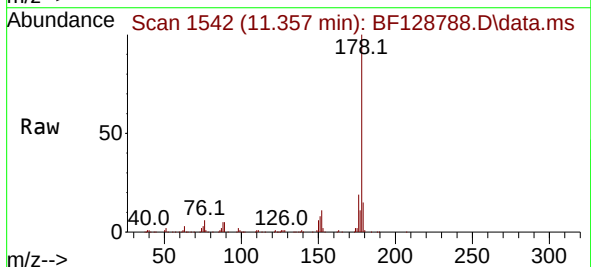
Instrument :
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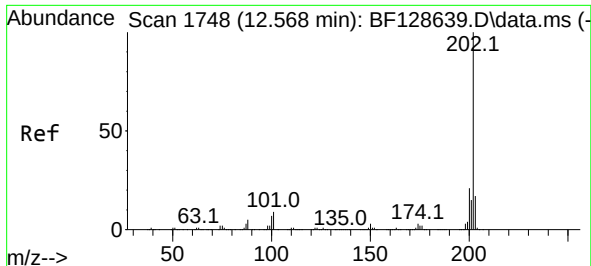
Tgt Ion:188 Resp: 341306
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.5 7.6 11.4#



#71
Phenanthrene
Concen: 8.539 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:178 Resp: 146189
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 14.7 12.6 19.0

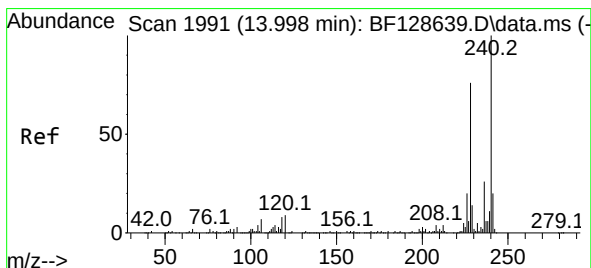
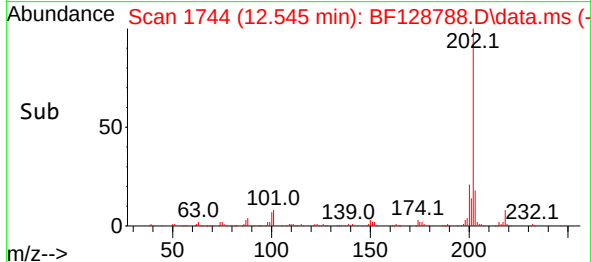
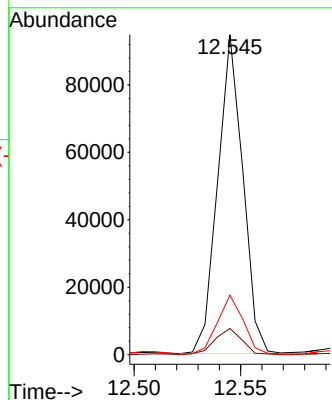
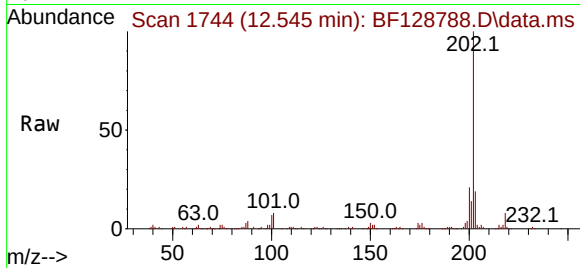




#75
Fluoranthene
Concen: 4.334 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

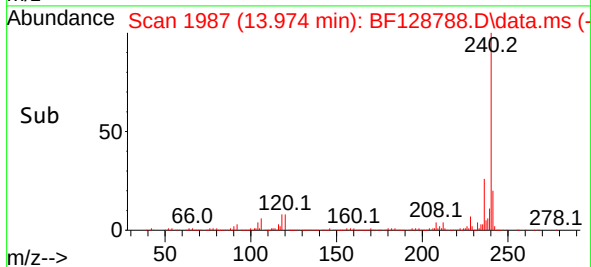
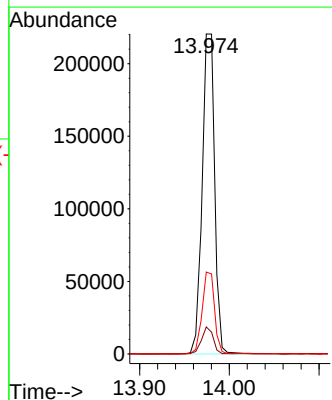
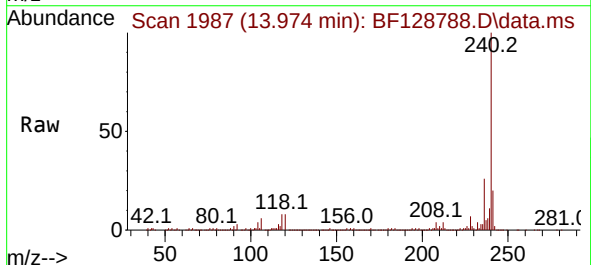
Instrument :
BNA_F
ClientSampleId :
SC-15DL

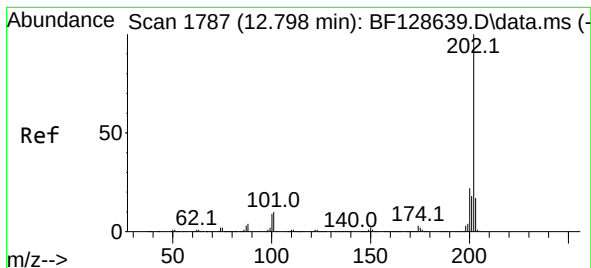
Tgt Ion:202 Resp: 77564
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.4
203 18.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:240 Resp: 213547
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 25.6 20.8 31.2





#78

Pyrene

Concen: 8.106 ng

RT: 12.774 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SC-15DL

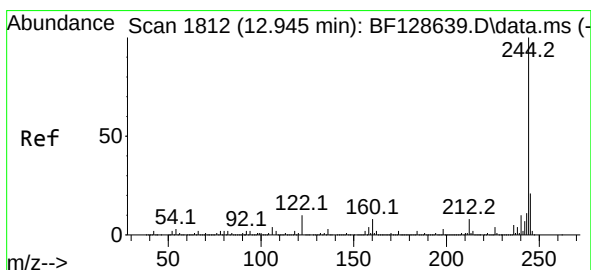
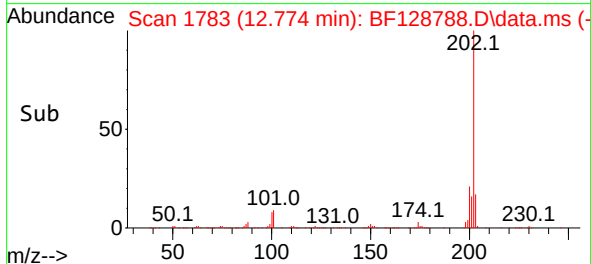
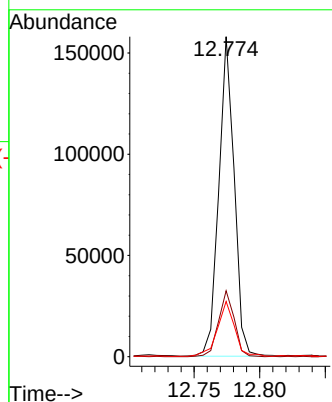
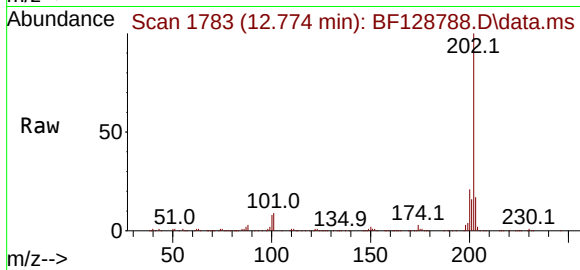
Tgt Ion:202 Resp: 128790

Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

203 17.2 14.6 21.8



#79

Terphenyl-d14

Concen: 12.606 ng

RT: 12.916 min Scan# 1807

Delta R.T. -0.018 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

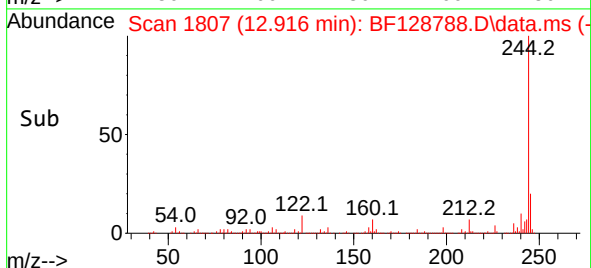
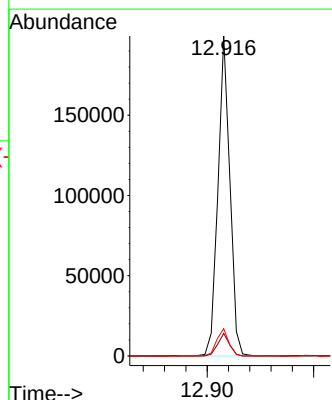
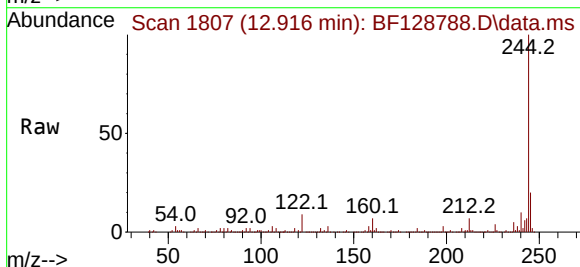
Tgt Ion:244 Resp: 154923

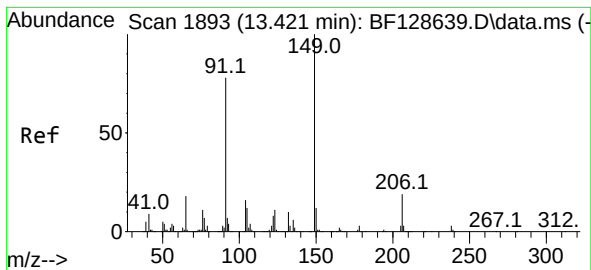
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 8.5 8.8 13.2#





#80

Butylbenzylphthalate

Concen: 6.450 ng

RT: 13.392 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SC-15DL

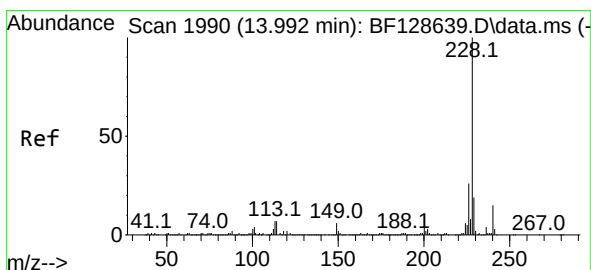
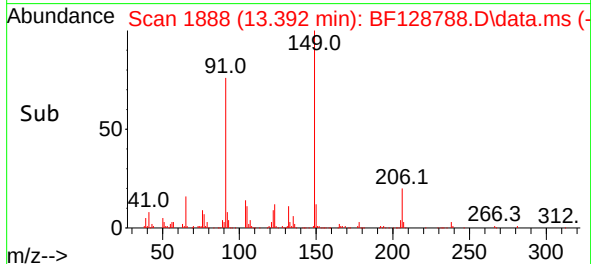
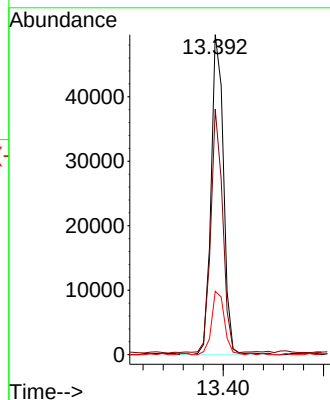
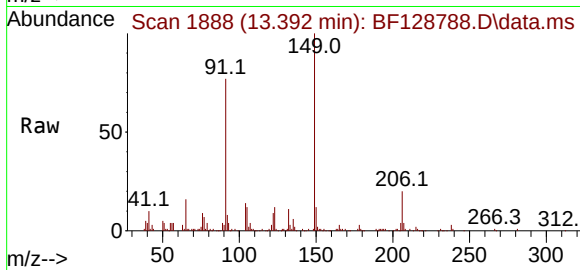
Tgt Ion:149 Resp: 43033

Ion Ratio Lower Upper

149 100

91 76.7 61.2 91.8

206 19.8 15.7 23.5



#81

Benzo(a)anthracene

Concen: 2.999 ng

RT: 13.968 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

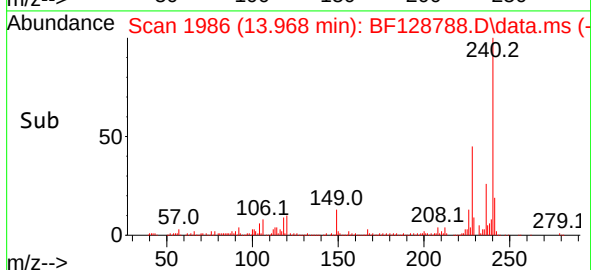
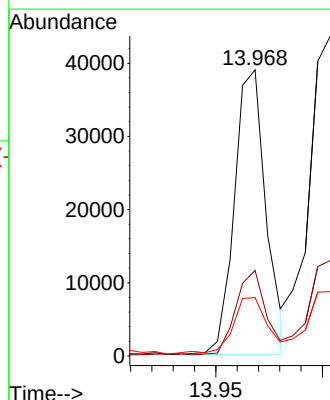
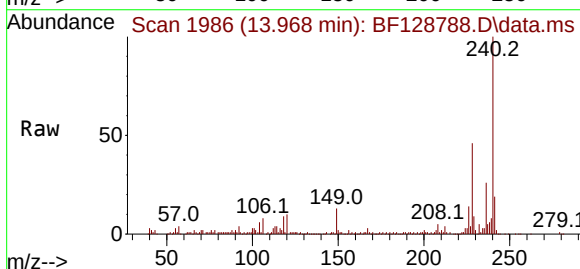
Tgt Ion:228 Resp: 39925

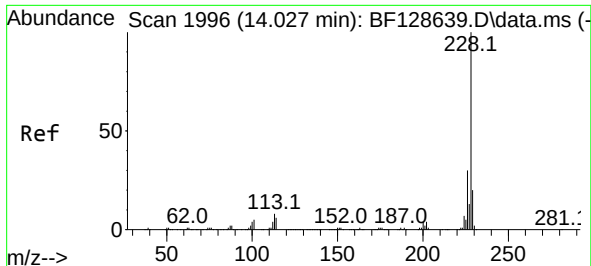
Ion Ratio Lower Upper

228 100

226 29.9 22.1 33.1

229 20.4 15.8 23.8

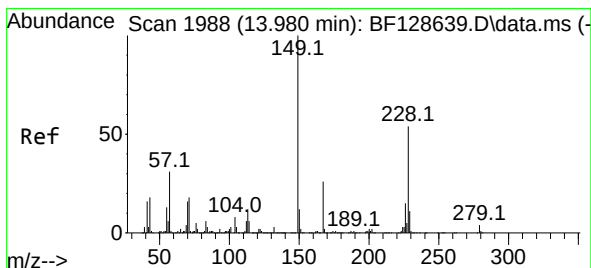
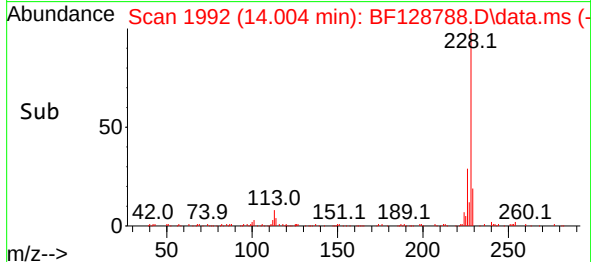
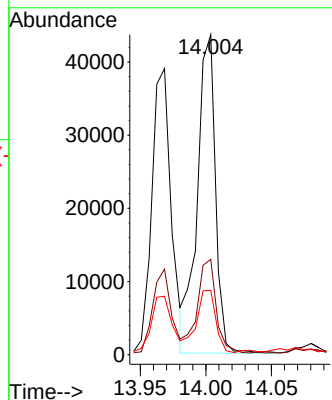
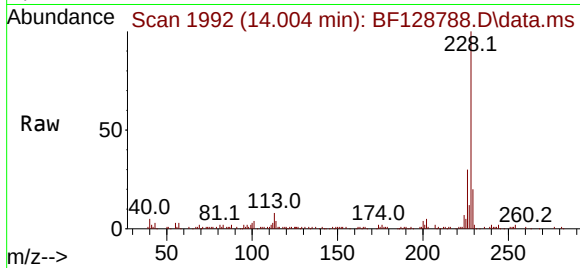




#83
Chrysene
Concen: 3.337 ng
RT: 14.004 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

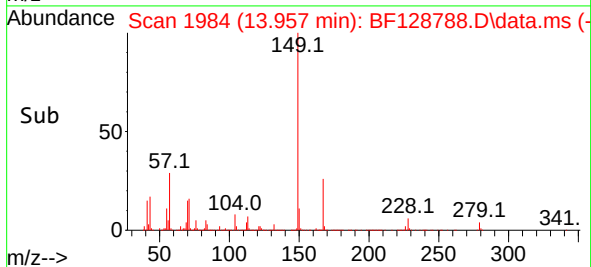
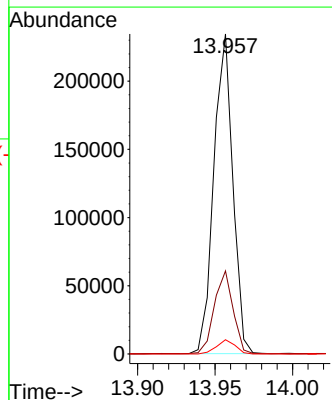
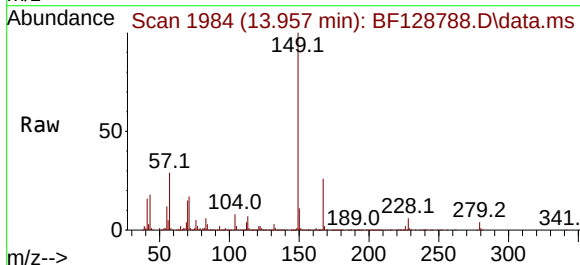
Instrument :
BNA_F
ClientSampleId :
SC-15DL

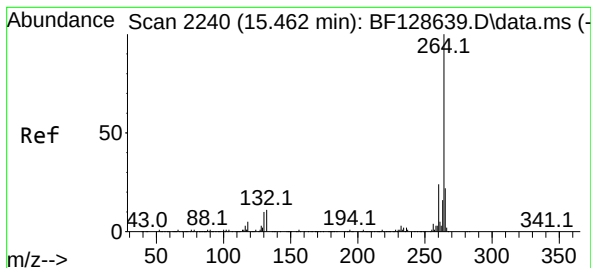
Tgt Ion:228 Resp: 42348
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 20.1 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128788.D
Acq: 13 Jun 2022 17:12

Tgt Ion:149 Resp: 199505
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 4.5 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SC-15DL

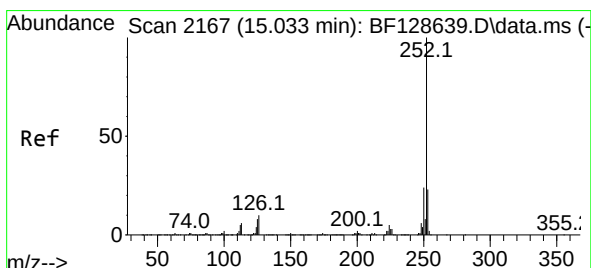
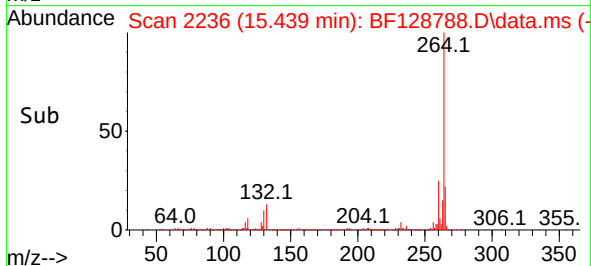
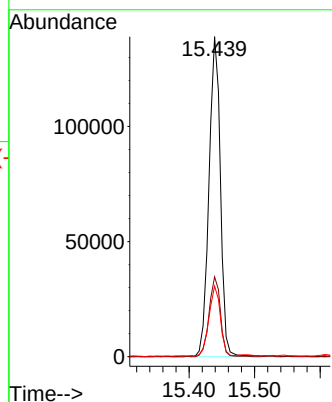
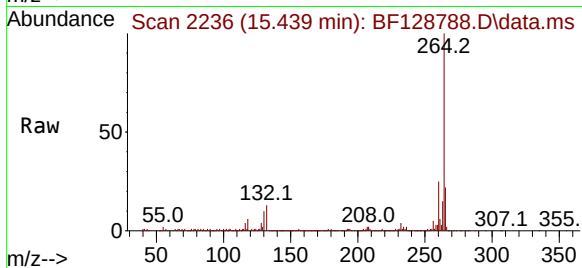
Tgt Ion:264 Resp: 168577

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 22.1 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.332 ng

RT: 15.015 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BF128788.D

Acq: 13 Jun 2022 17:12

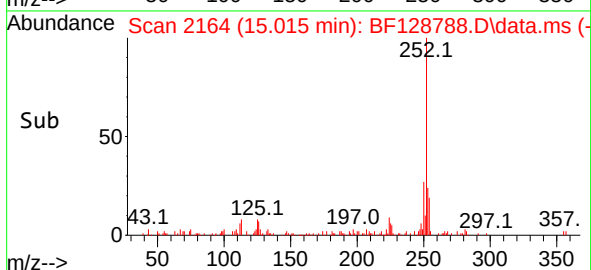
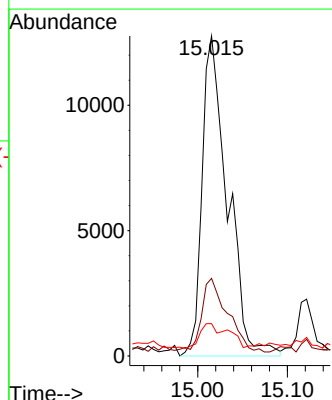
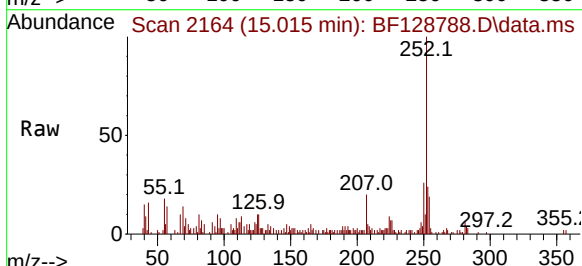
Tgt Ion:252 Resp: 25120

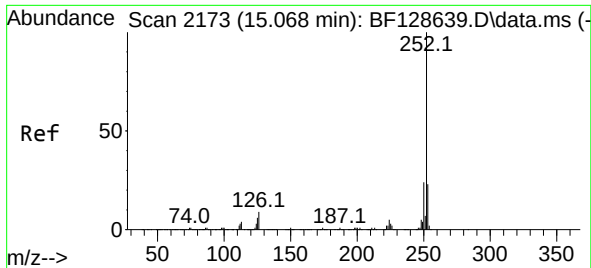
Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

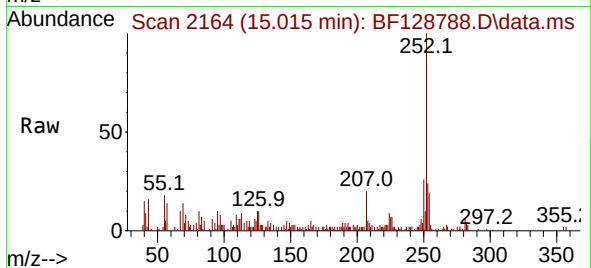
125 10.1 8.0 12.0





#89
 Benzo(k)fluoranthene
 Concen: 2.479 ng
 RT: 15.015 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: BF128788.D
 Acq: 13 Jun 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SC-15DL



Tgt Ion:252 Resp: 25120
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.8 26.6
 125 10.1 8.3 12.5

