

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129735.D
 Acq On : 12 Aug 2022 02:00
 Operator : CG\JU
 Sample : N4130-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB09

Quant Time: Aug 12 02:55:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

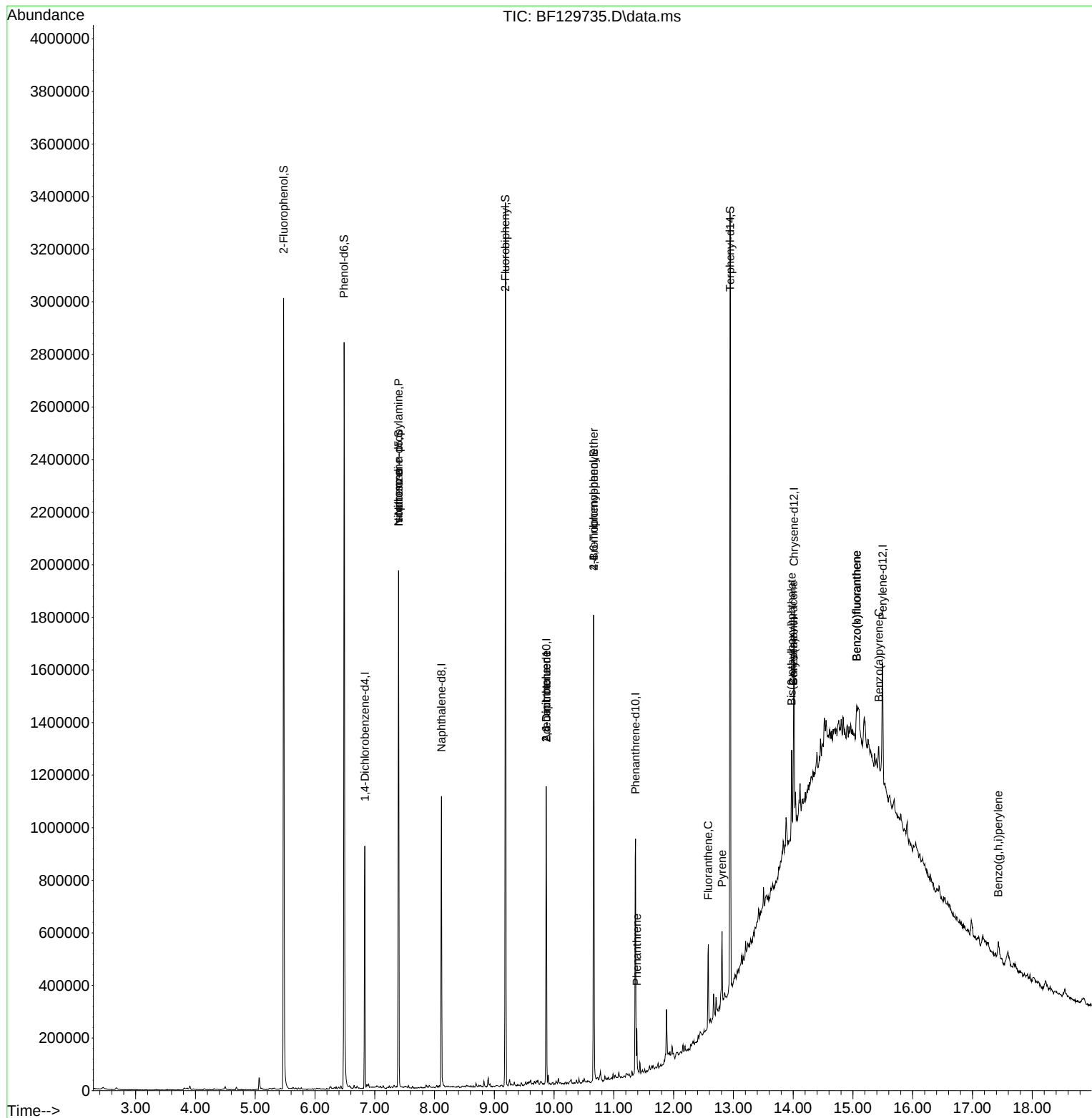
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	128455	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	450709	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200878	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	325328	20.000	ng	0.00
76) Chrysene-d12	14.015	240	275912	20.000	ng	0.00
86) Perylene-d12	15.498	264	210716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	819728	103.954	ng	0.00
7) Phenol-d6	6.487	99	973998	98.268	ng	0.00
23) Nitrobenzene-d5	7.398	82	588292	71.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	194872	100.902	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	993012	76.471	ng	-0.01
79) Terphenyl-d14	12.945	244	1021712	69.861	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	78290	13.047	ng	# 74
25) Isophorone	7.398	82	588153	39.741	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	26546	8.553	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	26546	6.547	ng	# 22
67) 4-Bromophenyl-phenylether	10.663	248	12895	3.620	ng	# 1
71) Phenanthrene	11.386	178	64506	3.632	ng	96
75) Fluoranthene	12.580	202	118565	6.589	ng	98
78) Pyrene	12.810	202	108426	4.699	ng	98
81) Benzo(a)anthracene	14.004	228	61801	3.279	ng	94
83) Chrysene	14.004	228	61801	3.479	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	89887	6.822	ng	100
88) Benzo(b)fluoranthene	15.062	252	73080	5.228	ng	# 72
89) Benzo(k)fluoranthene	15.062	252	73080	5.335	ng	# 72
90) Benzo(a)pyrene	15.433	252	35805	3.156	ng	# 71
92) Benzo(g,h,i)perylene	17.433	276	44275	3.752	ng	93

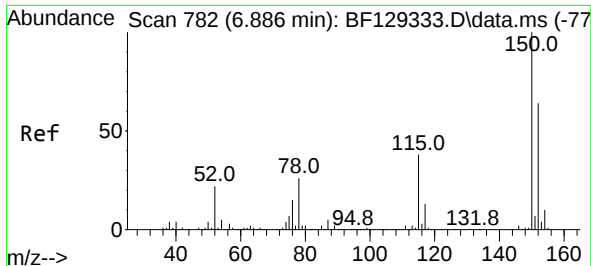
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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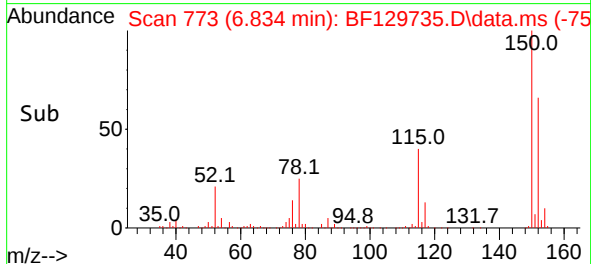
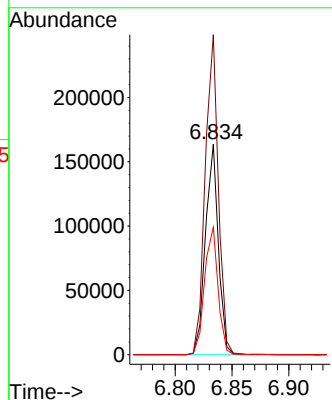
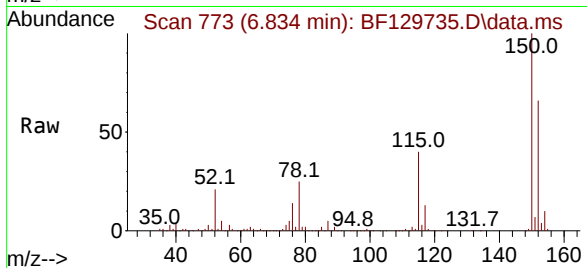




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

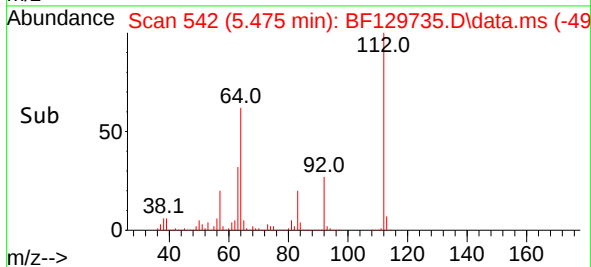
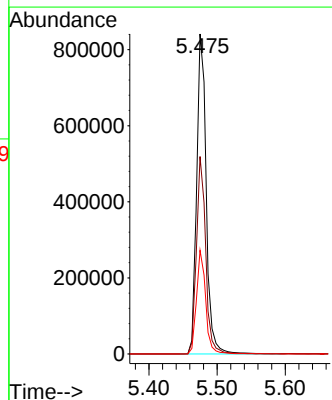
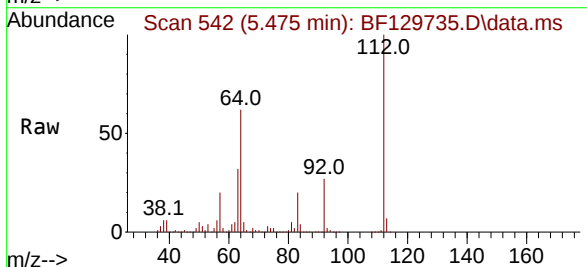
Instrument :
BNA_F
ClientSampleId :
SB09

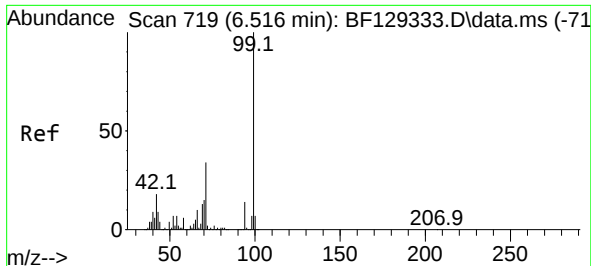
Tgt Ion:152 Resp: 128455
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 103.954 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion:112 Resp: 819728
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.4 28.0 42.0

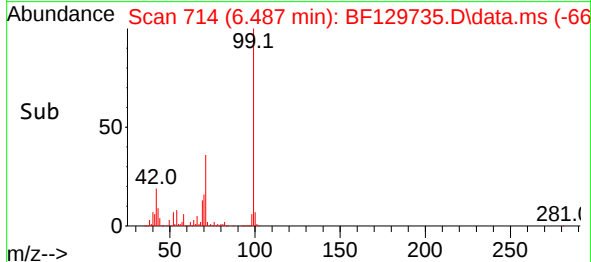
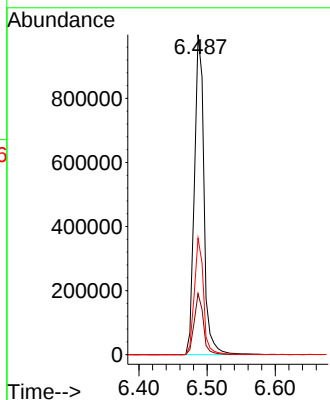
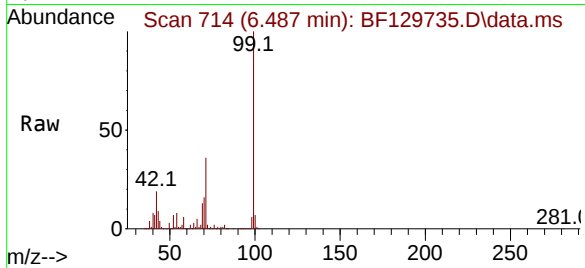




#7
Phenol-d6
Concen: 98.268 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

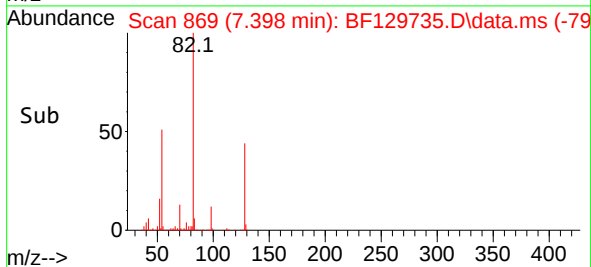
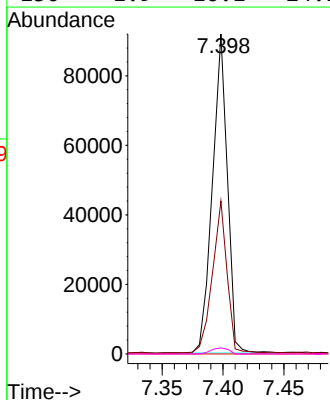
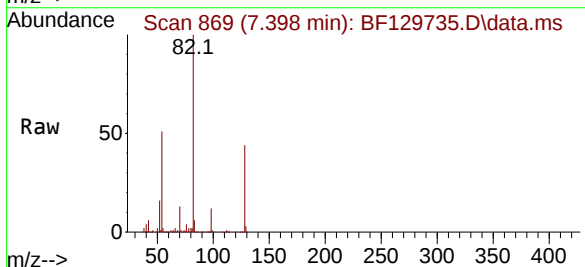
Instrument :
BNA_F
ClientSampleId :
SB09

Tgt Ion: 99 Resp: 973998
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 36.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.047 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion: 70 Resp: 78290
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



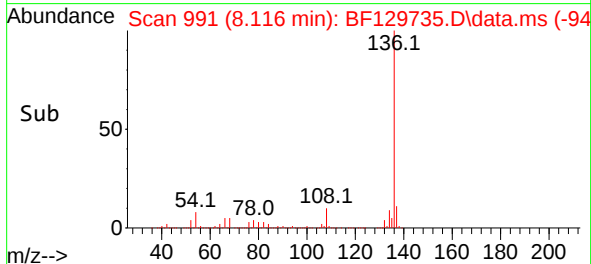
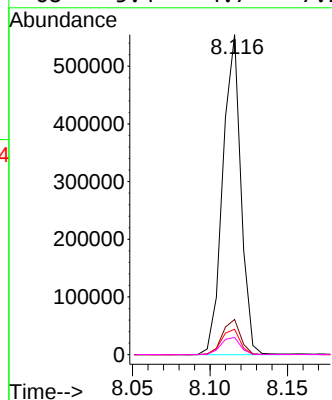
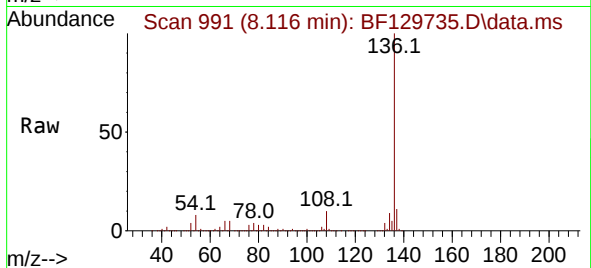


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Instrument :
BNA_F
ClientSampleId :
SB09

Tgt Ion:136 Resp: 450709

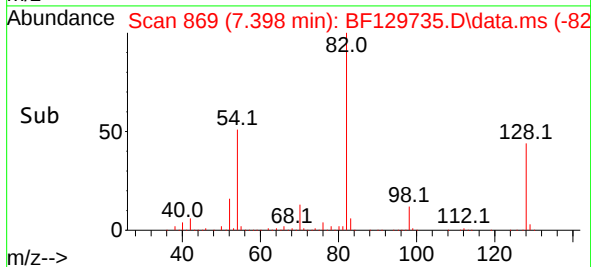
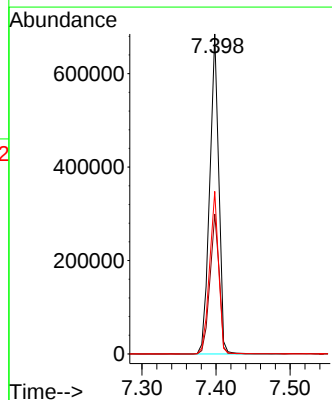
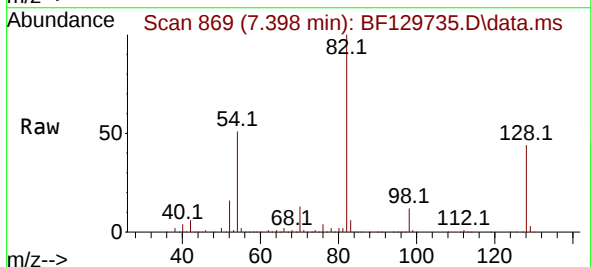
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.5	11.3
68	5.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.252 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion: 82 Resp: 588292

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	50.8	46.9	70.3

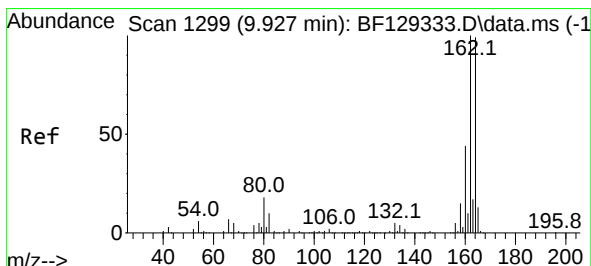
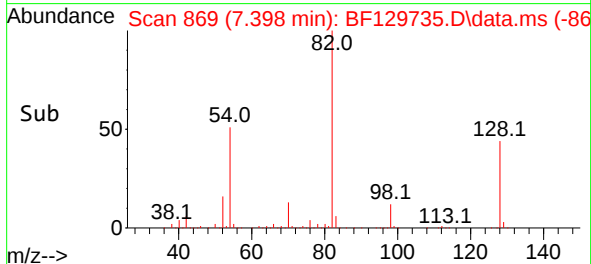
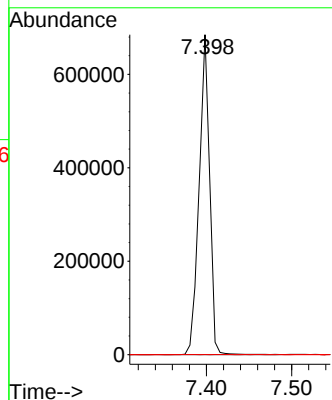
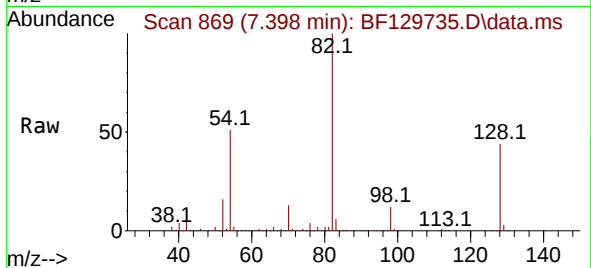




#25
Isophorone
Concen: 39.741 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

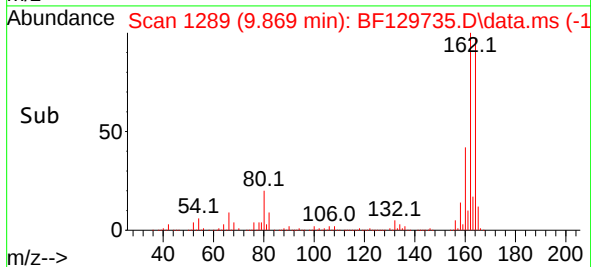
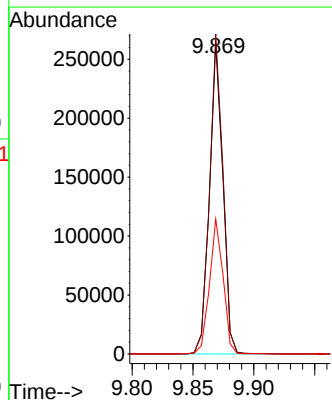
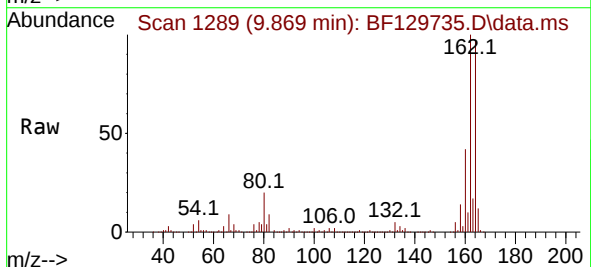
Instrument :
BNA_F
ClientSampleId :
SB09

Tgt Ion: 82 Resp: 588153
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: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion: 164 Resp: 200878
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 43.5 34.2 51.4

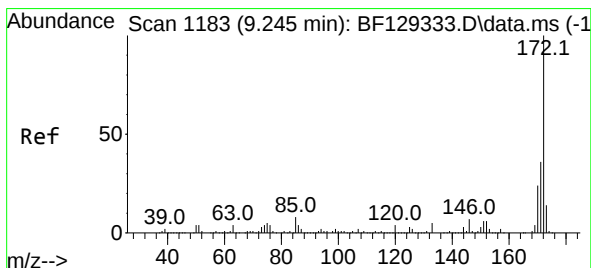
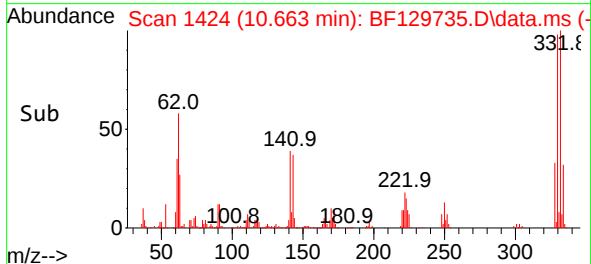
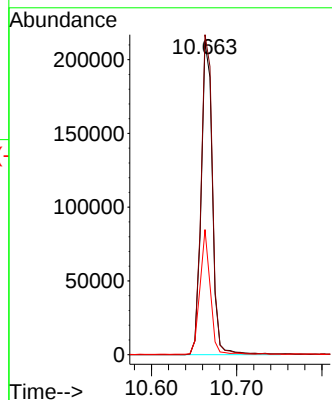
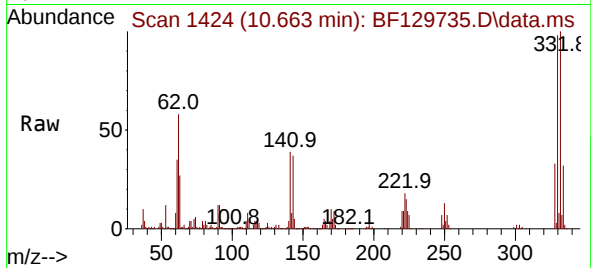




#42
2,4,6-Tribromophenol
Concen: 100.902 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

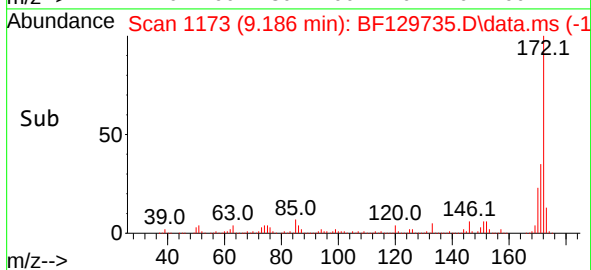
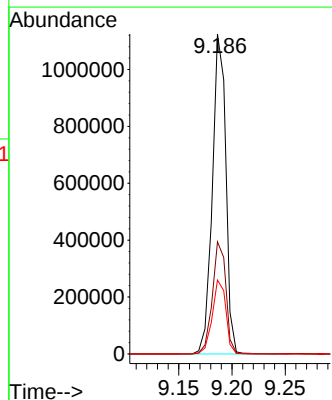
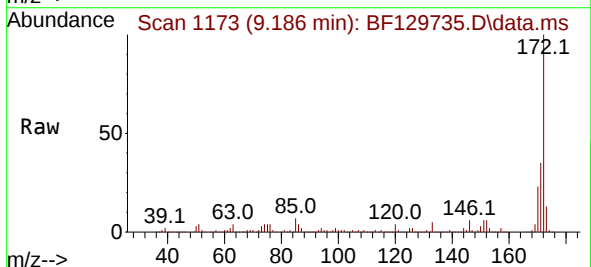
Instrument :
BNA_F
ClientSampleId :
SB09

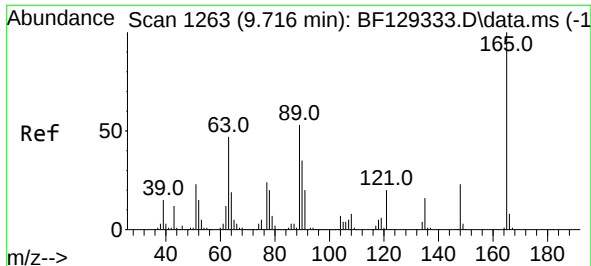
Tgt Ion: 330 Resp: 194872
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 36.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 76.471 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion: 172 Resp: 993012
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.553 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SB09

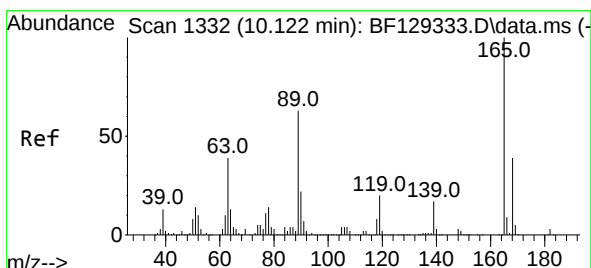
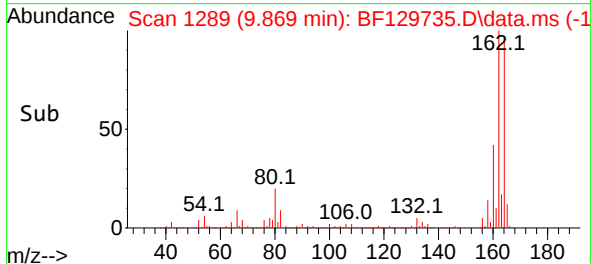
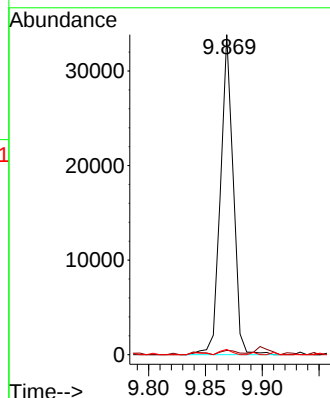
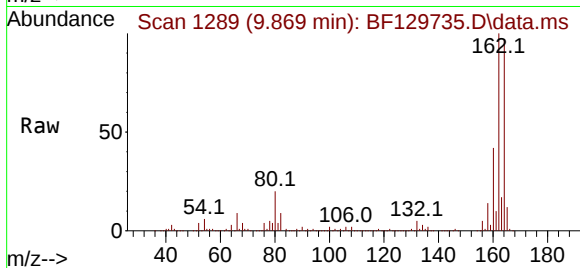
Tgt Ion:165 Resp: 26546

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.547 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Tgt Ion:165 Resp: 26546

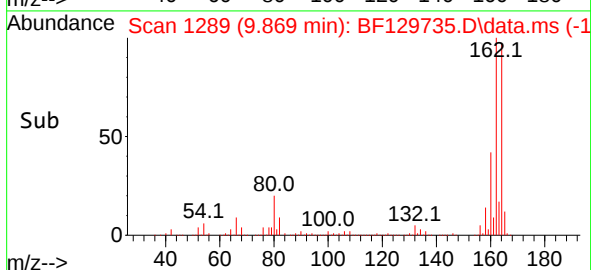
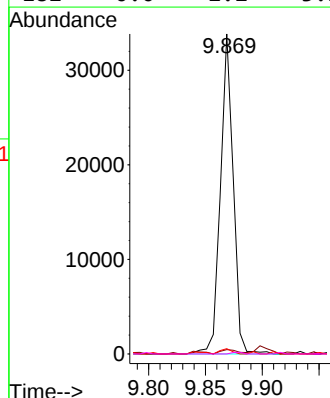
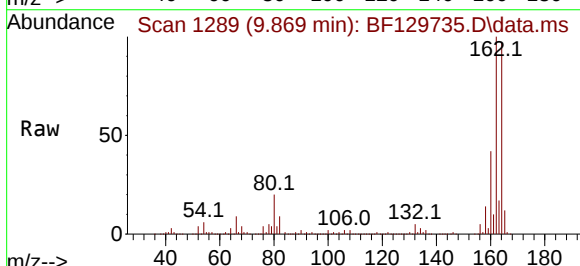
Ion Ratio Lower Upper

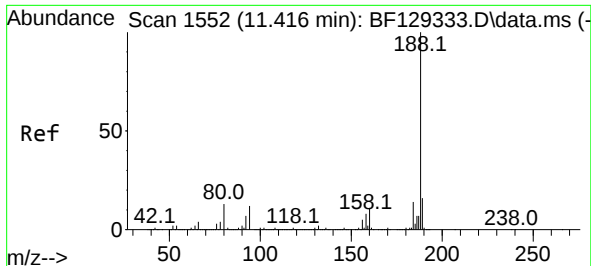
165 100

63 1.4 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

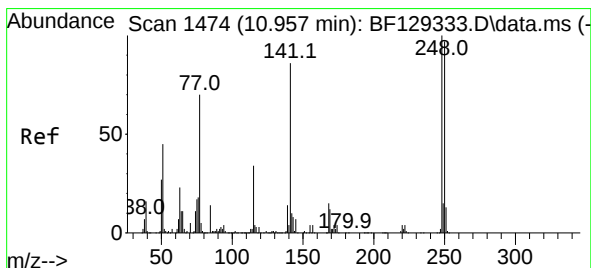
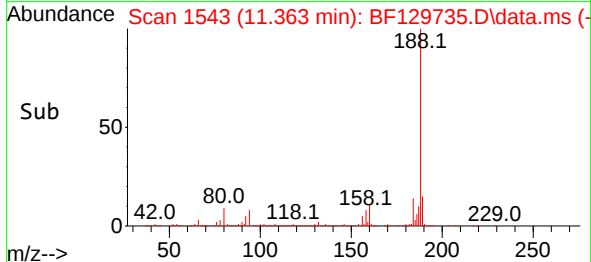
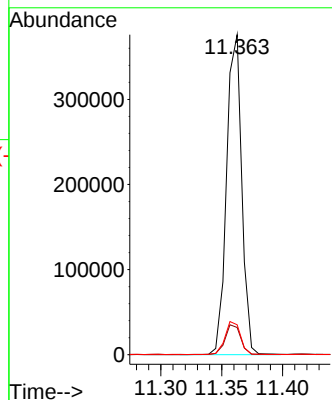
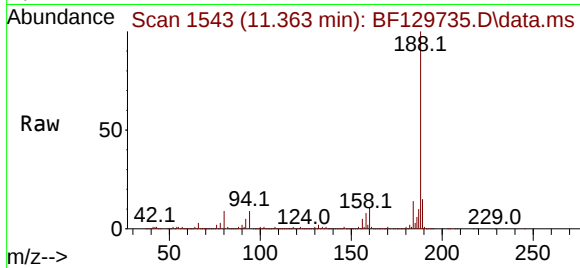




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

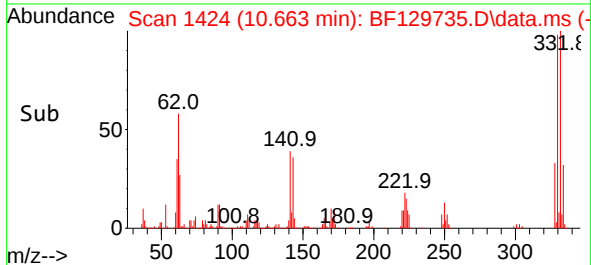
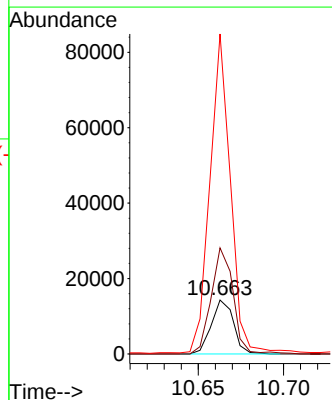
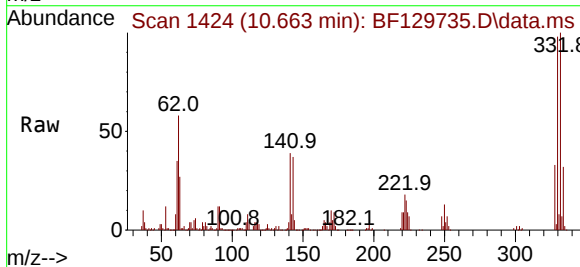
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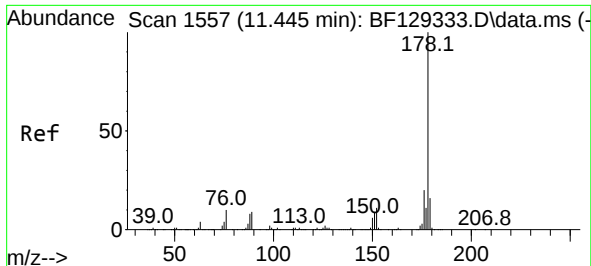
Tgt Ion:188 Resp: 325328
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion:248 Resp: 12895
Ion Ratio Lower Upper
248 100
250 196.8 80.6 120.8#
141 593.7 58.9 88.3#

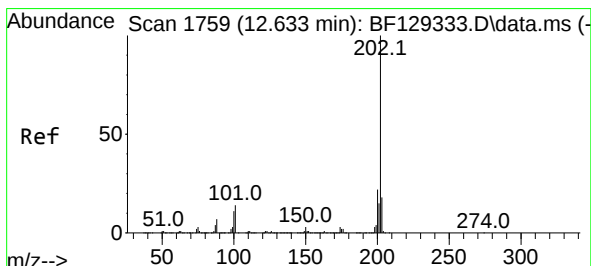
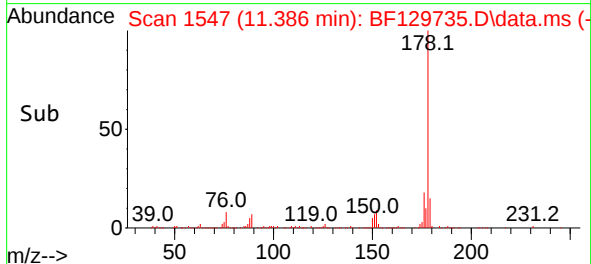
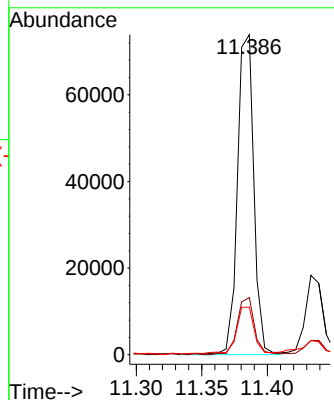
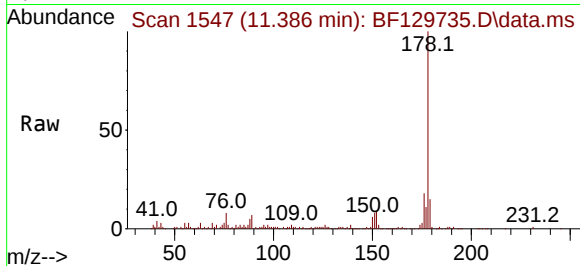




#71
Phenanthrene
Concen: 3.632 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

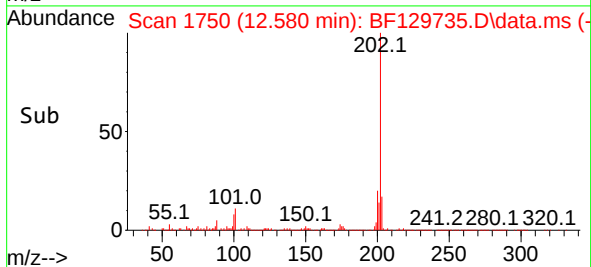
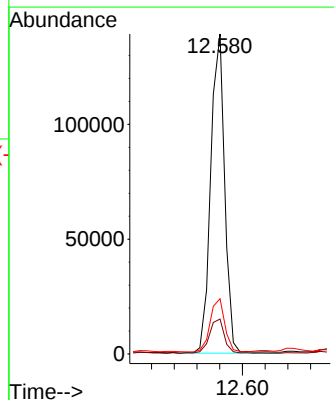
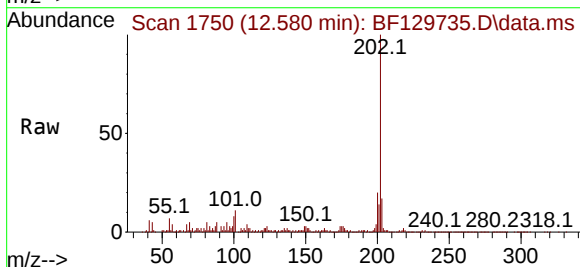
Instrument :
BNA_F
ClientSampleId :
SB09

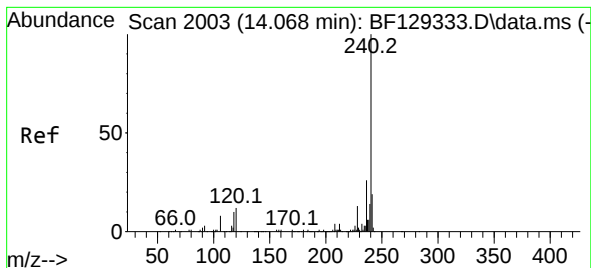
Tgt Ion:178 Resp: 64506
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 14.9 12.6 19.0



#75
Fluoranthene
Concen: 6.589 ng
RT: 12.580 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion:202 Resp: 118565
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SB09

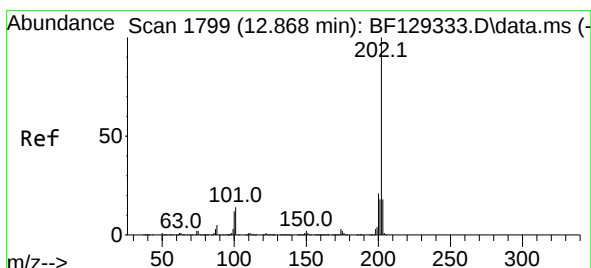
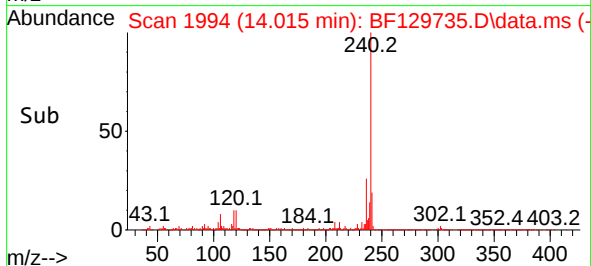
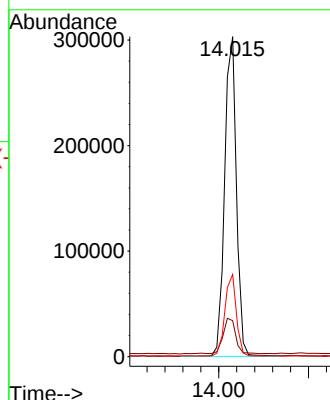
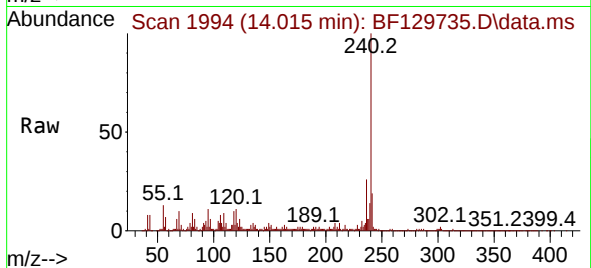
Tgt Ion:240 Resp: 275912

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.7 20.8 31.2



#78

Pyrene

Concen: 4.699 ng

RT: 12.810 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

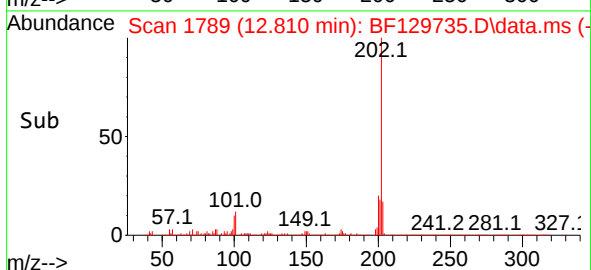
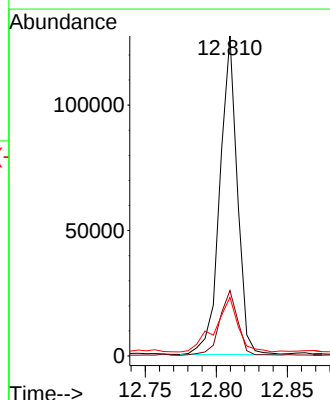
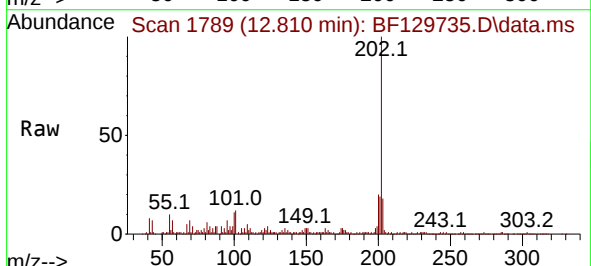
Tgt Ion:202 Resp: 108426

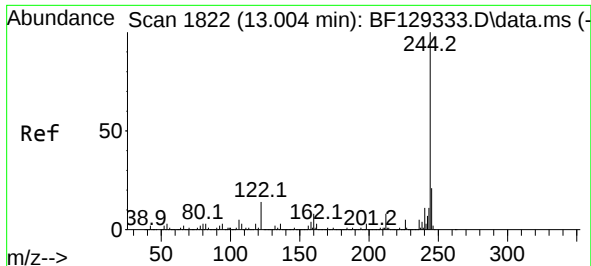
Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

203 18.3 14.6 21.8

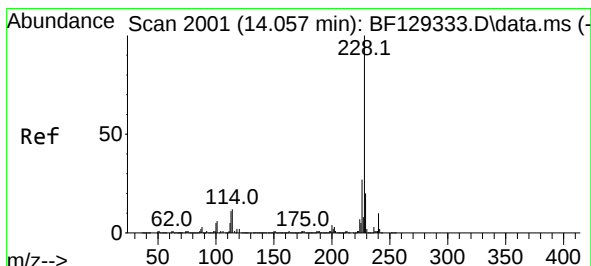
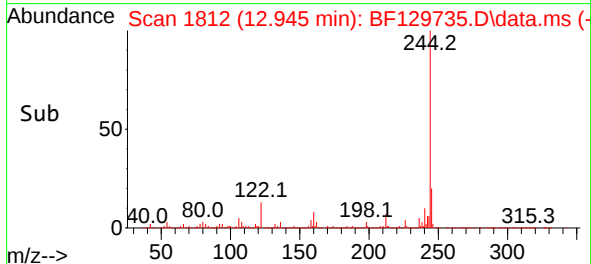
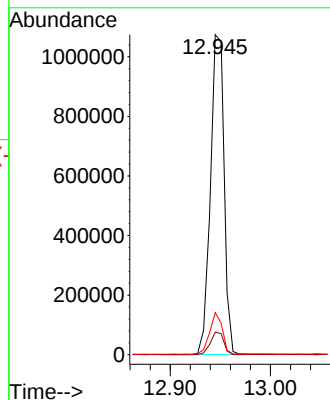
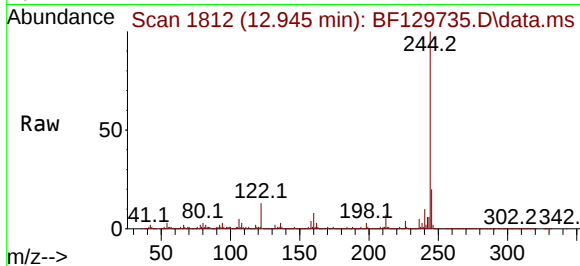




#79
 Terphenyl-d14
 Concen: 69.861 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129735.D
 Acq: 12 Aug 2022 02:00

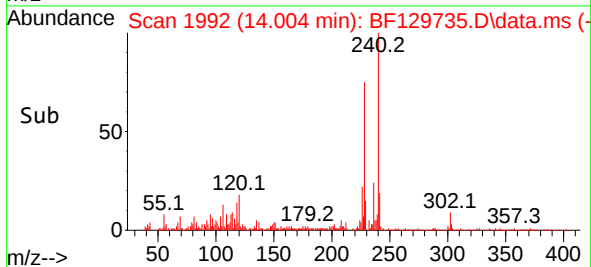
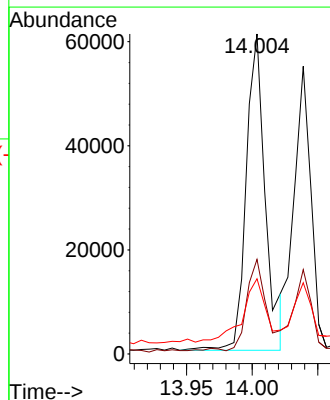
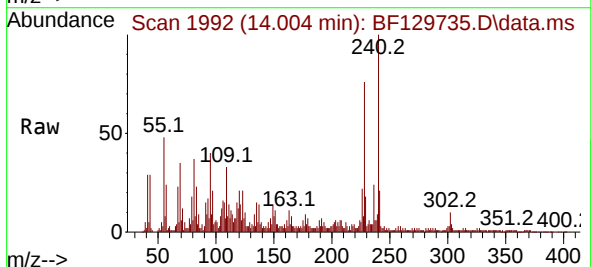
Instrument :
 BNA_F
 ClientSampleId :
 SB09

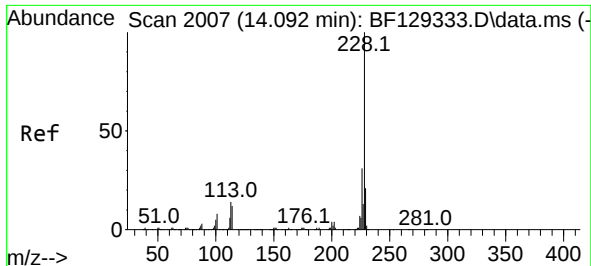
Tgt Ion:244 Resp: 1021712
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.279 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.006 min
 Lab File: BF129735.D
 Acq: 12 Aug 2022 02:00

Tgt Ion:228 Resp: 61801
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.1 33.1
 229 23.5 15.8 23.8

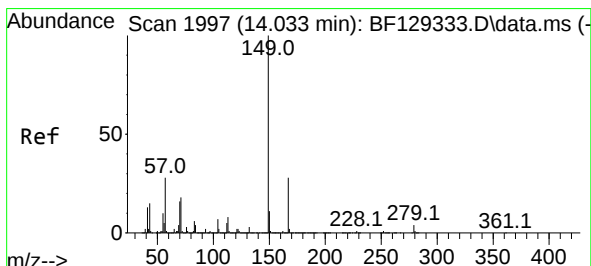
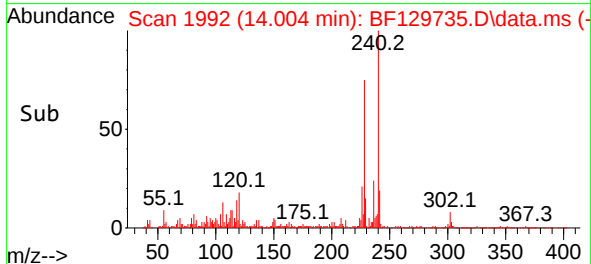
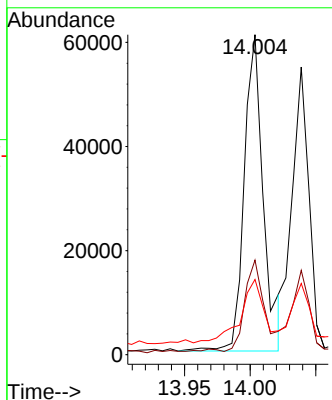
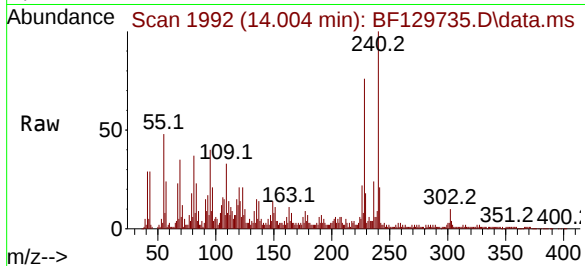




#83
Chrysene
Concen: 3.479 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.041 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

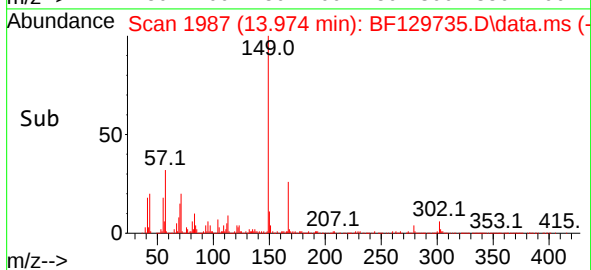
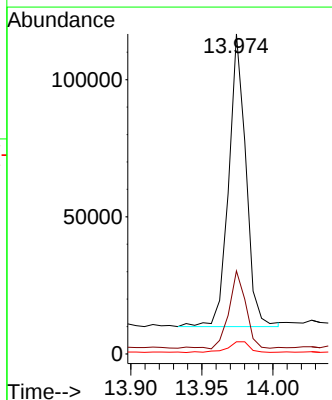
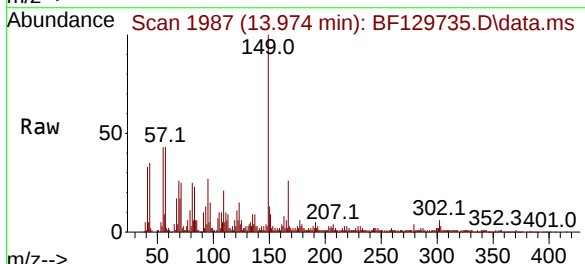
Instrument :
BNA_F
ClientSampleId :
SB09

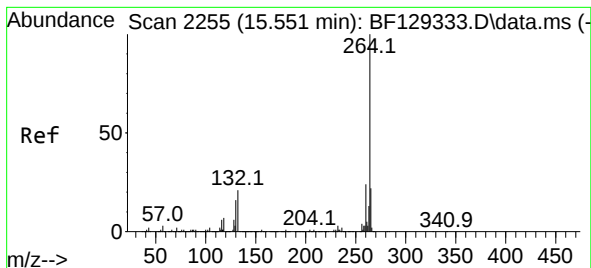
Tgt Ion:228 Resp: 61801
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 23.5 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.822 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion:149 Resp: 89887
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 3.8 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SB09

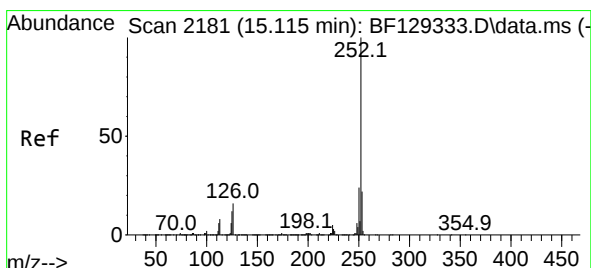
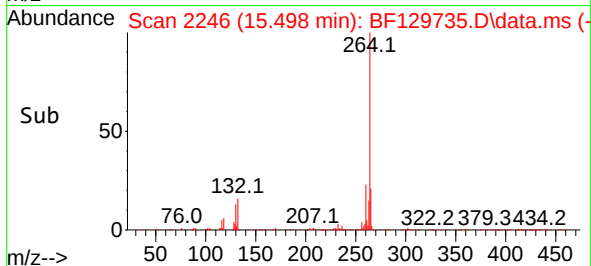
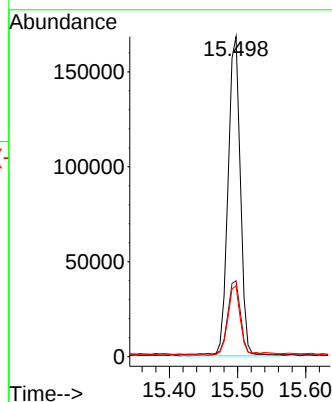
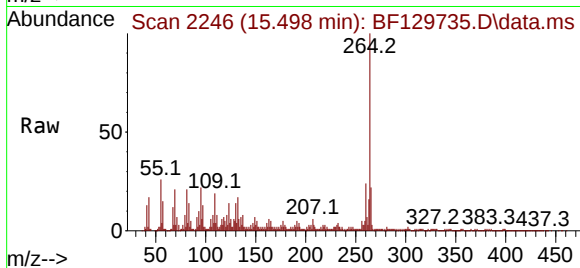
Tgt Ion:264 Resp: 210716

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.1 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 5.228 ng

RT: 15.062 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

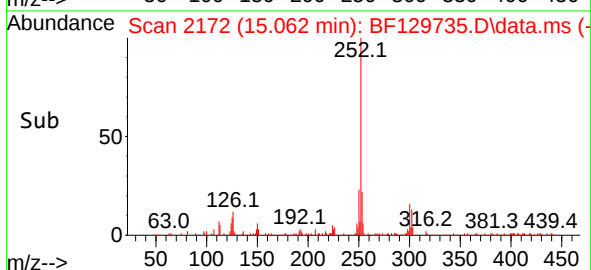
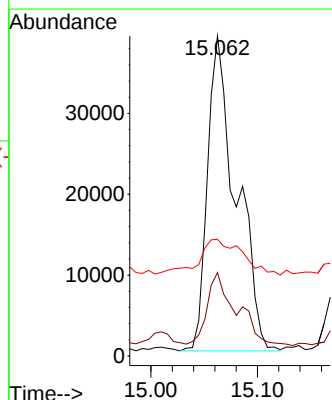
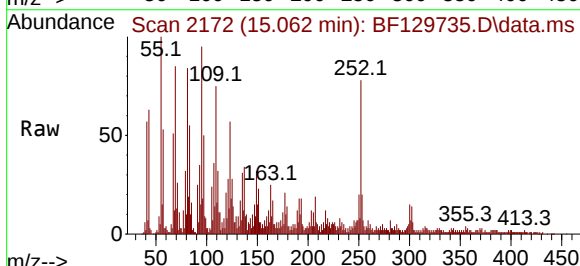
Tgt Ion:252 Resp: 73080

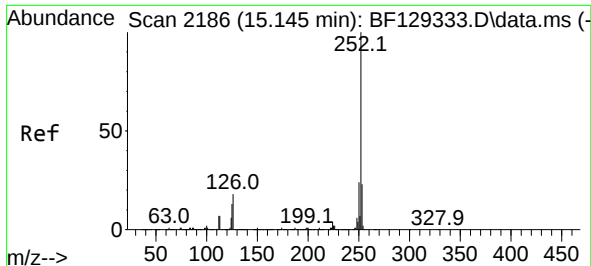
Ion Ratio Lower Upper

252 100

253 26.1 17.7 26.5

125 36.5 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 5.335 ng

RT: 15.062 min Scan# 2186

Delta R.T. -0.030 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Instrument :

BNL_F

ClientSampleId :

SB09

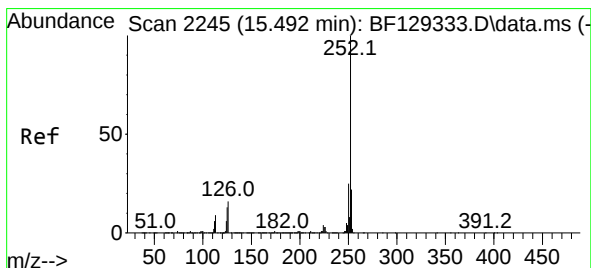
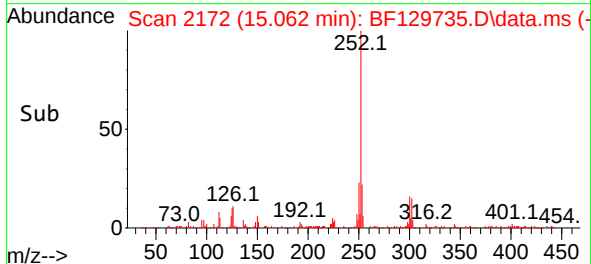
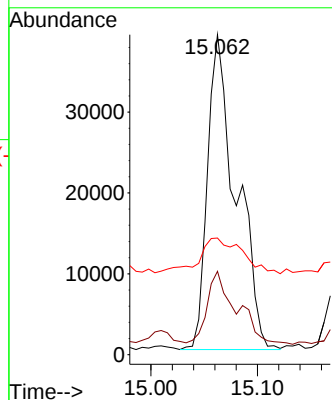
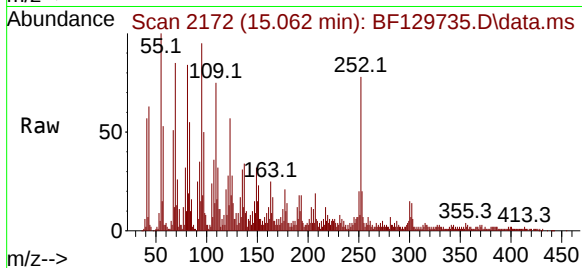
Tgt Ion:252 Resp: 73080

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.6

125 36.5 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 3.156 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

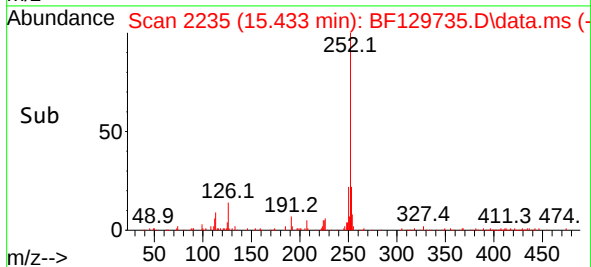
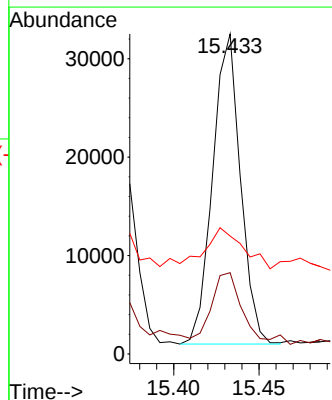
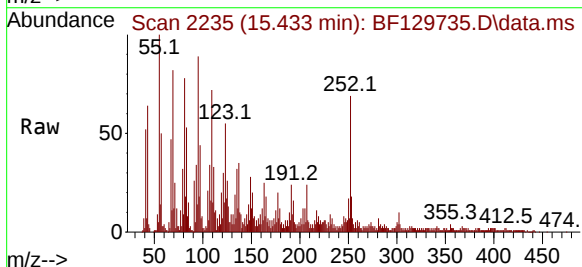
Tgt Ion:252 Resp: 35805

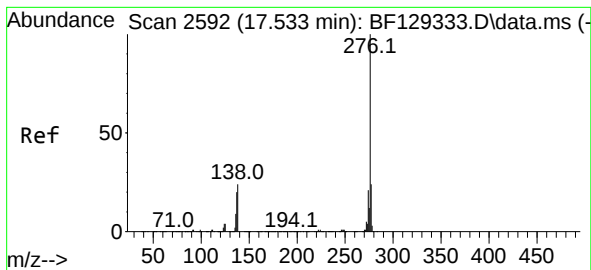
Ion Ratio Lower Upper

252 100

253 25.4 17.0 25.6

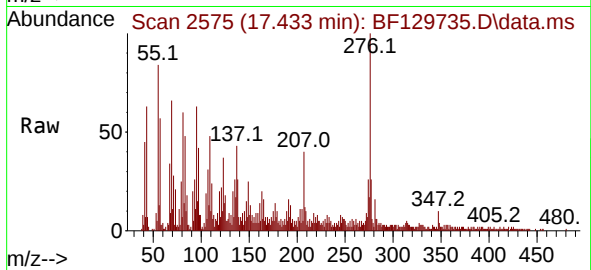
125 36.8 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 3.752 ng
 RT: 17.433 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129735.D
 Acq: 12 Aug 2022 02:00

Instrument :
 BNA_F
 ClientSampleId :
 SB09



Tgt Ion:	276	Resp:	44275
Ion Ratio	Lower	Upper	
276	100		
277	26.5	19.1	28.7
138	26.4	18.0	27.0

