

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129737.D
 Acq On : 12 Aug 2022 03:05
 Operator : CG\JU
 Sample : N4143-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26414

Quant Time: Aug 12 03:26:54 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)

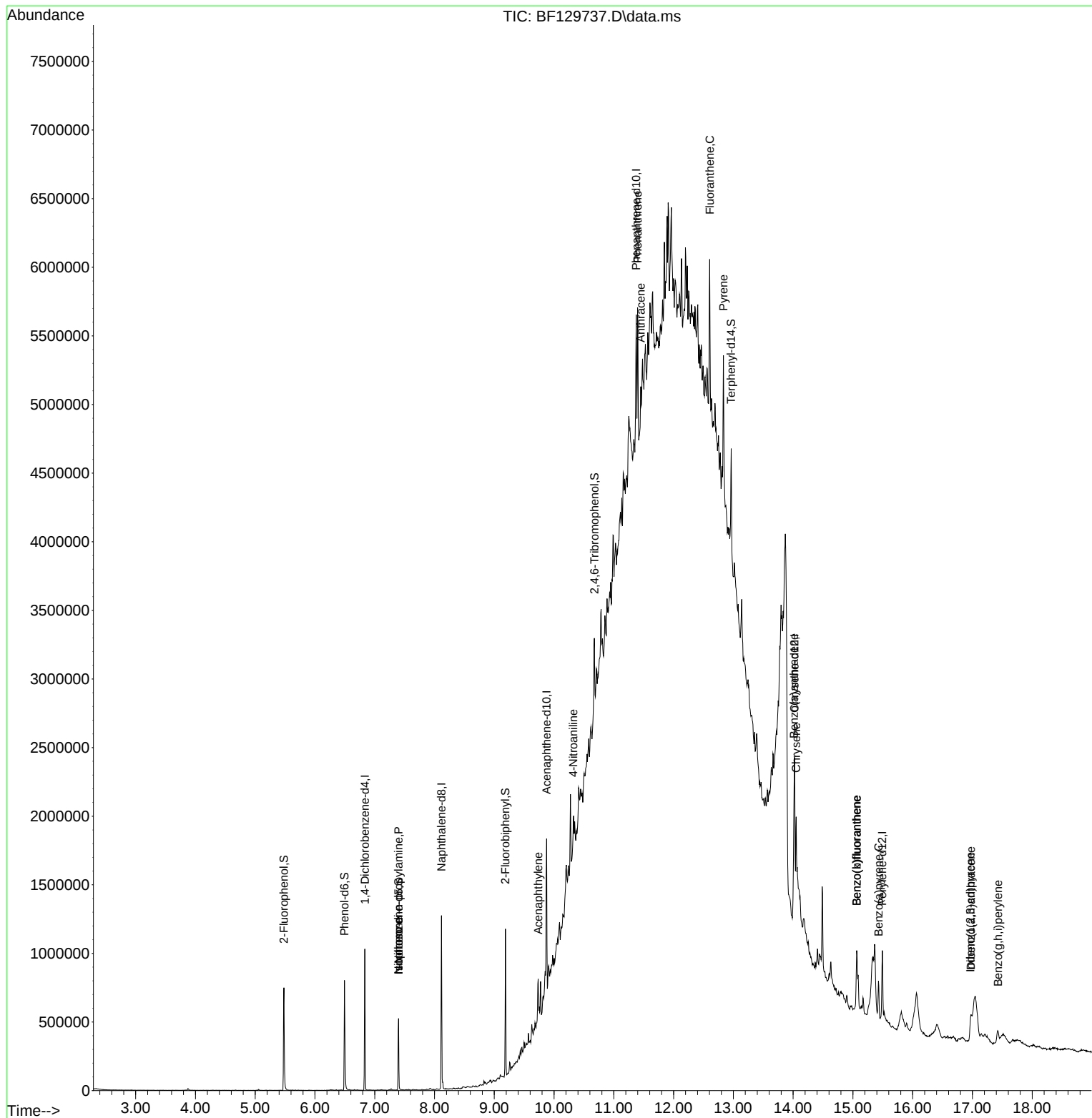
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	136850	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	485955	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	215481	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	296752	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	289650	20.000	ng	0.00
86) Perylene-d12	15.492	264	230837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	220685	26.269	ng	0.01
7) Phenol-d6	6.493	99	265893	25.181	ng	0.00
23) Nitrobenzene-d5	7.398	82	152442	17.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	50073	24.170	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	274000	19.671	ng	-0.01
79) Terphenyl-d14	12.963	244	258191	16.817	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	20191	3.159	ng	# 74
25) Isophorone	7.398	82	152438	9.553	ng	# 65
49) Acenaphthylene	9.734	152	68385	3.540	ng	# 93
62) 4-Nitroaniline	10.322	138	13487	3.458	ng	80
71) Phenanthrene	11.398	178	332504	20.526	ng	# 95
72) Anthracene	11.451	178	75914	4.769	ng	# 77
75) Fluoranthene	12.604	202	445934	27.169	ng	96
78) Pyrene	12.833	202	397467	16.410	ng	98
81) Benzo(a)anthracene	14.016	228	234491	11.851	ng	93
83) Chrysene	14.051	228	210495	11.288	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	78435	5.046	ng	96
88) Benzo(b)fluoranthene	15.063	252	295644	19.308	ng	# 96
89) Benzo(k)fluoranthene	15.063	252	295644	19.703	ng	# 96
90) Benzo(a)pyrene	15.427	252	129384	10.409	ng	# 93
91) Dibenzo(a,h)anthracene	16.974	278	27068	2.139	ng	# 83
92) Benzo(g,h,i)perylene	17.427	276	65850	5.093	ng	96

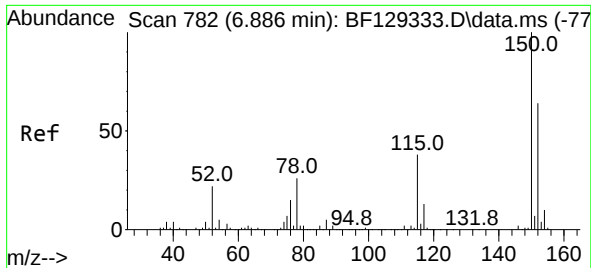
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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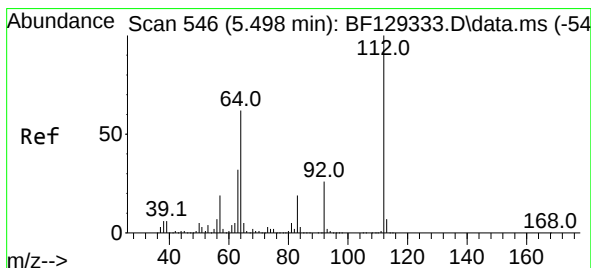
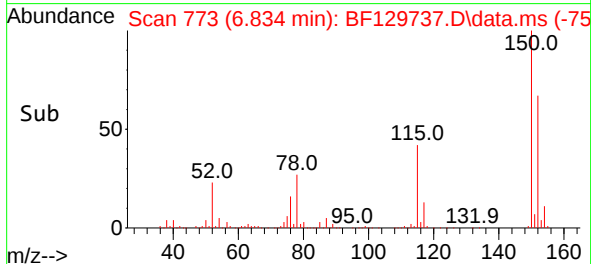
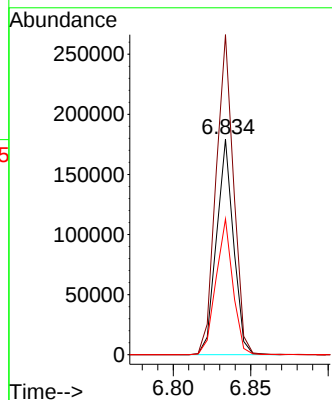
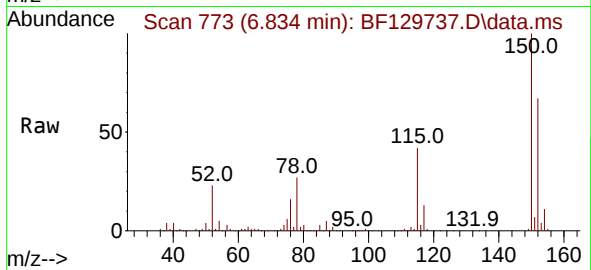




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

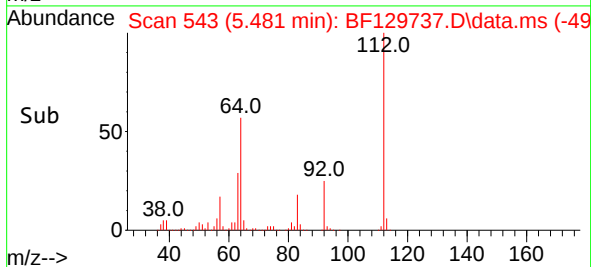
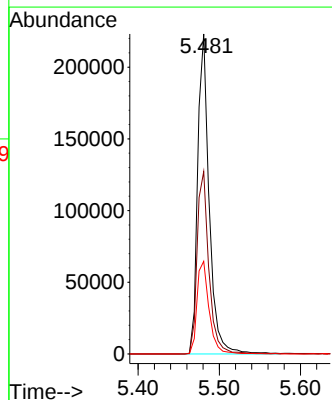
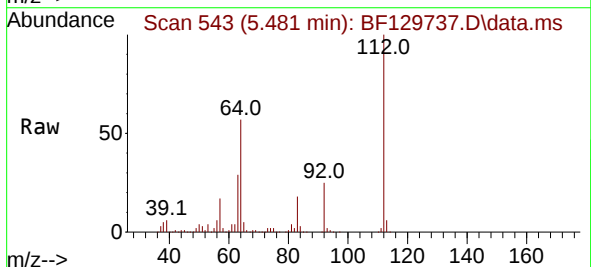
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

Tgt Ion:152 Resp: 136850
Ion Ratio Lower Upper
152 100
150 148.5 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 26.269 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:112 Resp: 220685
Ion Ratio Lower Upper
112 100
64 57.0 53.3 79.9
63 29.0 28.0 42.0

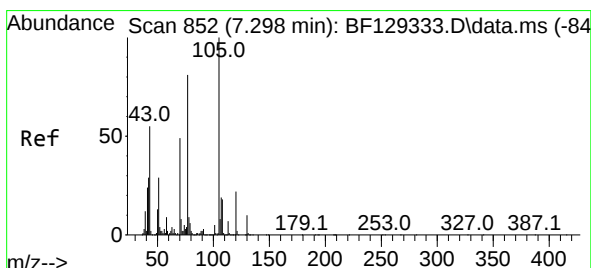
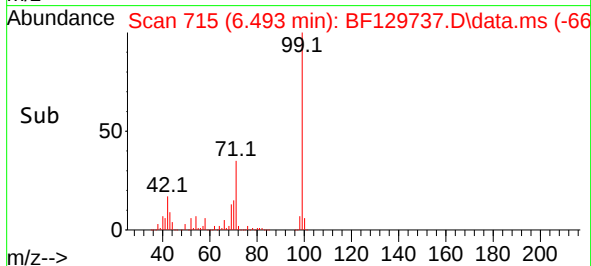
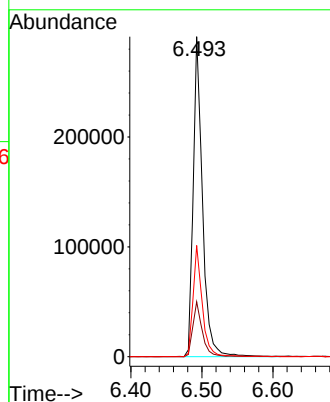
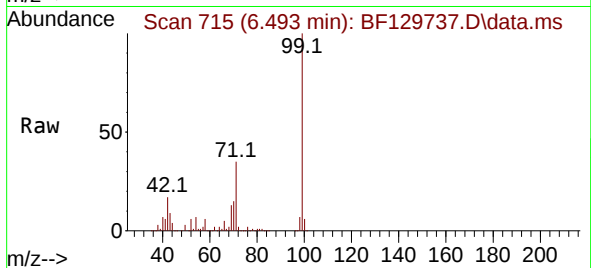




#7
Phenol-d6
Concen: 25.181 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

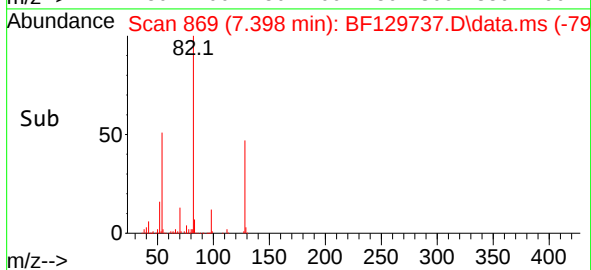
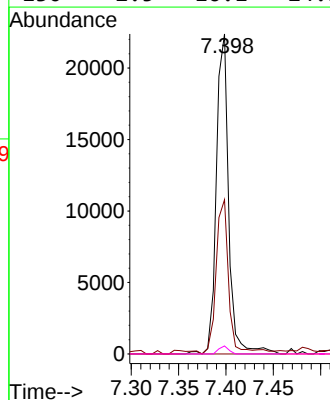
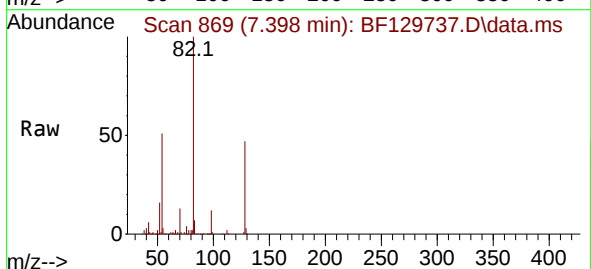
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

Tgt Ion: 99 Resp: 265893
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.159 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion: 70 Resp: 20191
Ion Ratio Lower Upper
70 100
42 48.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#



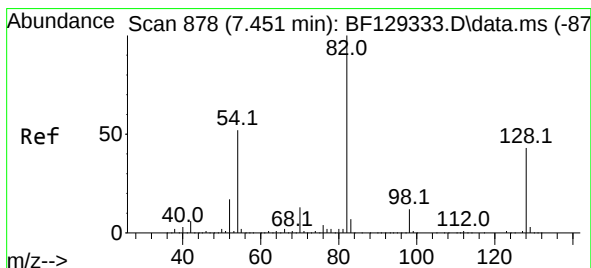
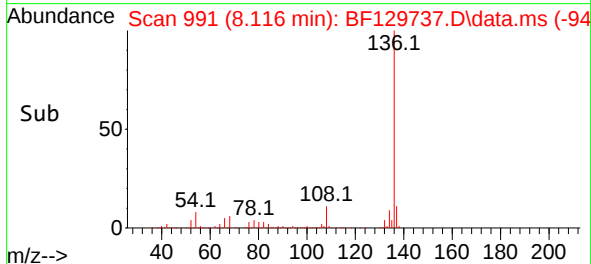
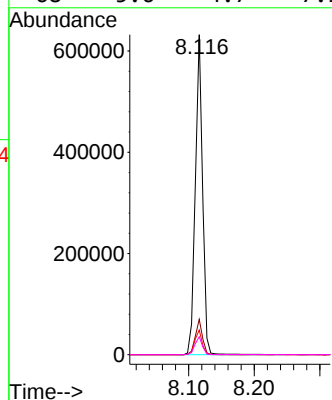
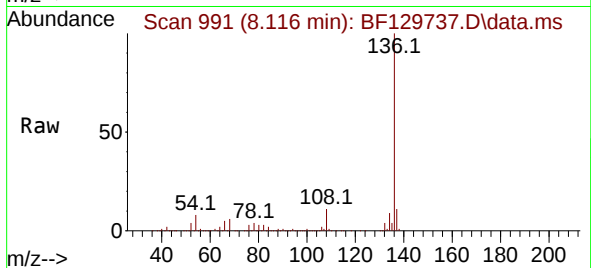


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26414

Tgt Ion:136 Resp: 485955

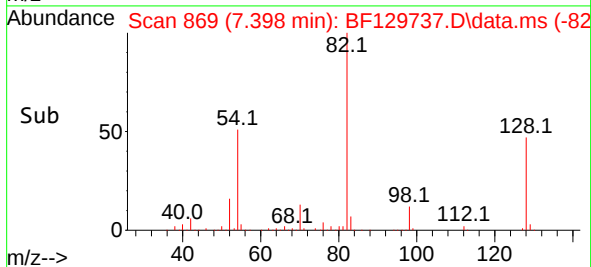
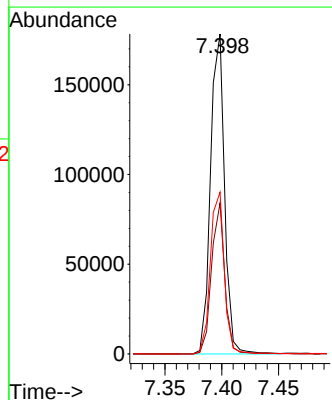
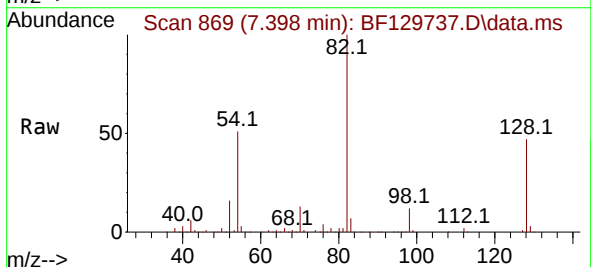
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	7.5	11.3
68	5.6	4.7	7.1

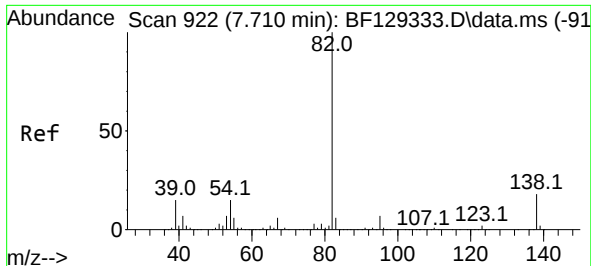


#23
Nitrobenzene-d5
Concen: 17.124 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion: 82 Resp: 152442

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	50.5	46.9	70.3

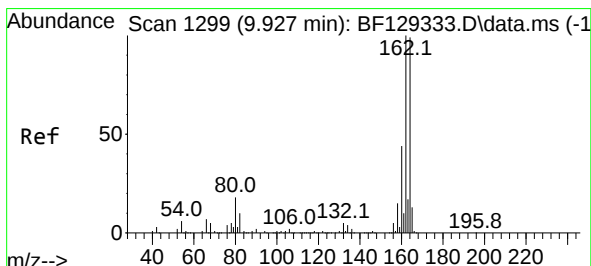
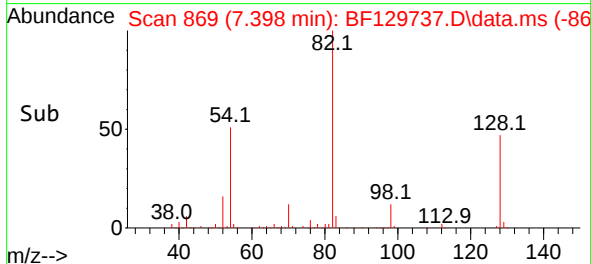
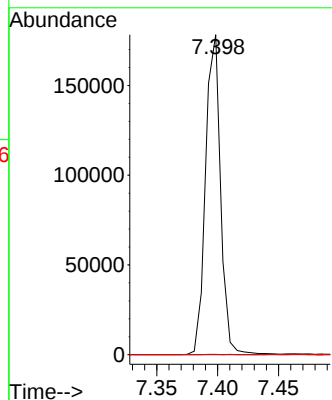
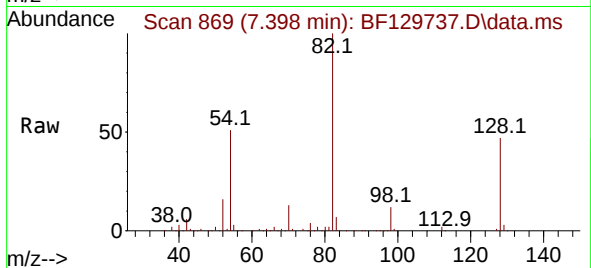




#25
Isophorone
Concen: 9.553 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

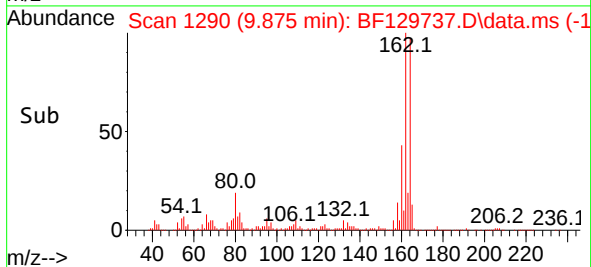
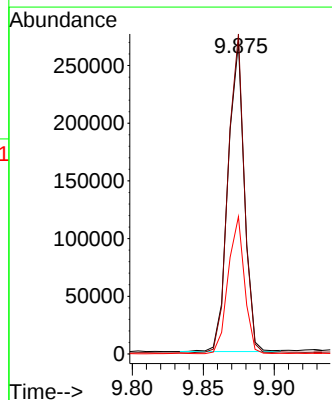
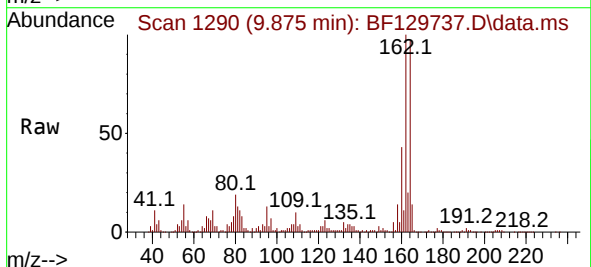
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

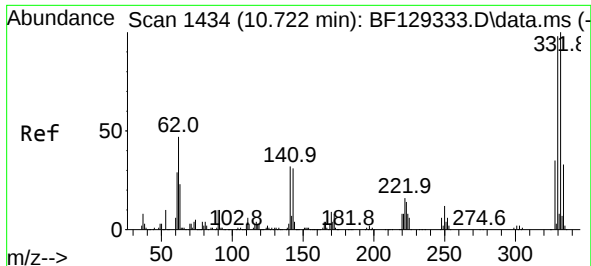
Tgt Ion: 82 Resp: 152438
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion: 164 Resp: 215481
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.1 34.2 51.4

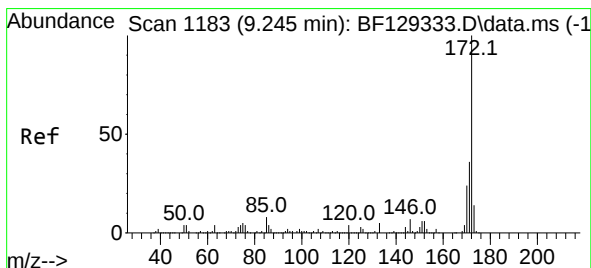
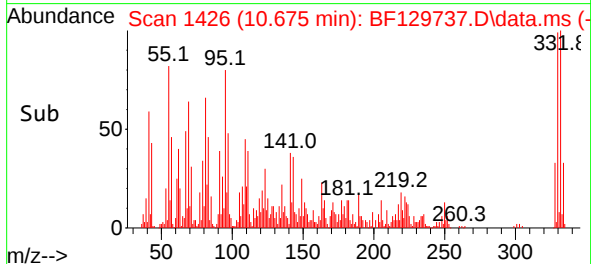
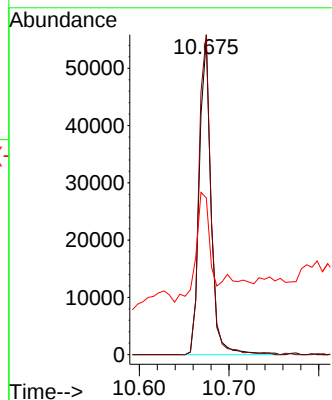
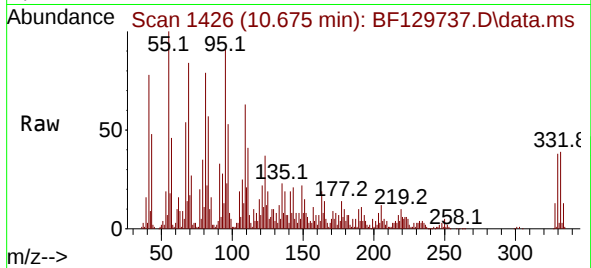




#42
2,4,6-Tribromophenol
Concen: 24.170 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

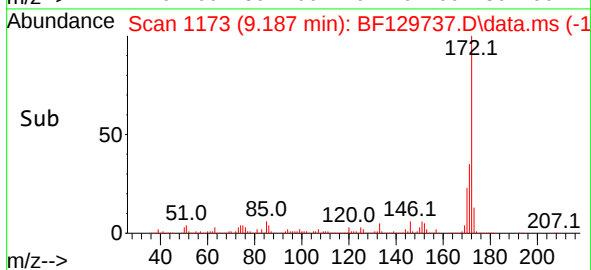
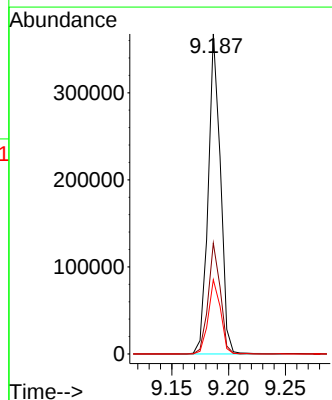
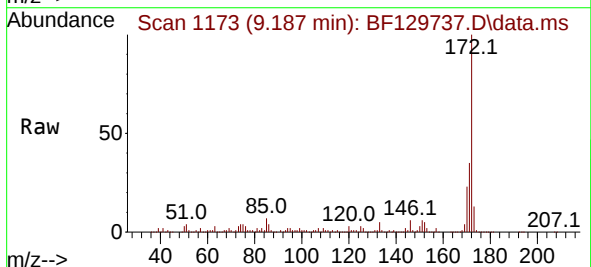
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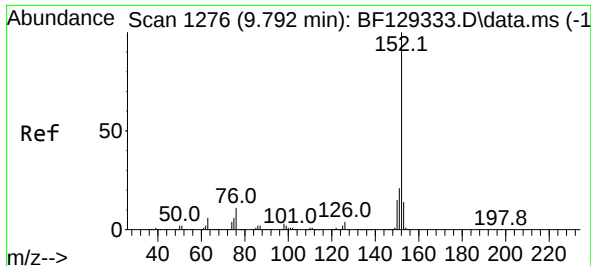
Tgt Ion: 330 Resp: 50073
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 44.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 19.671 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion: 172 Resp: 274000
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.2 19.8 29.8

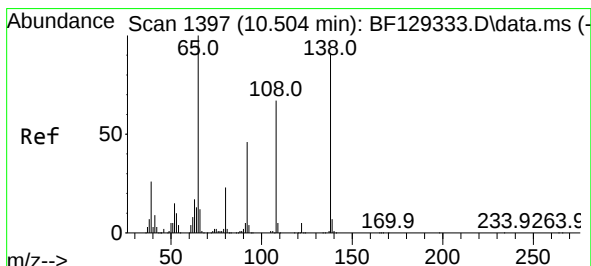
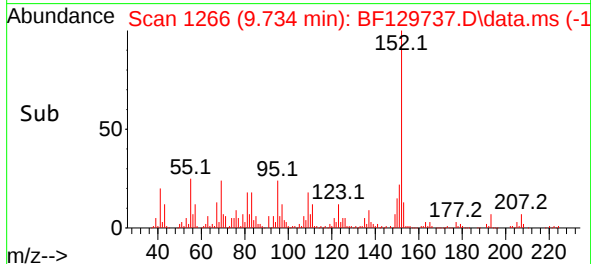
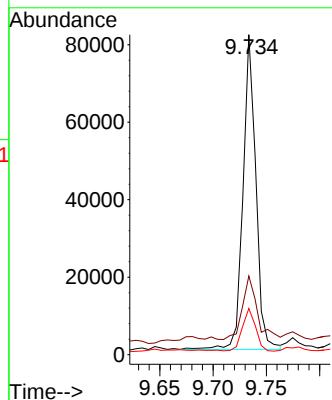
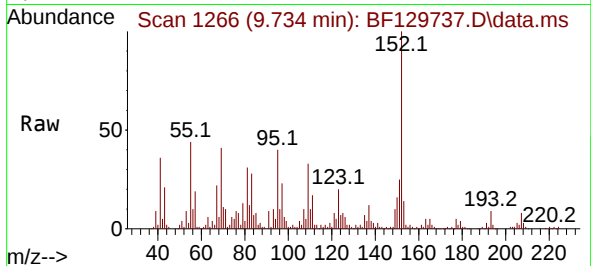




#49
Acenaphthylene
Concen: 3.540 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

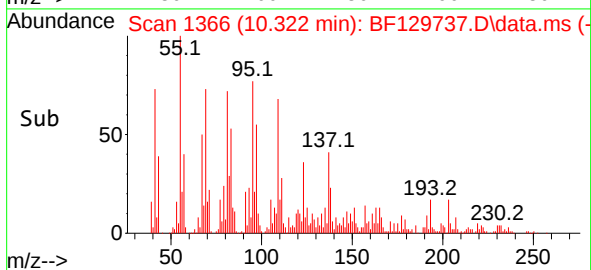
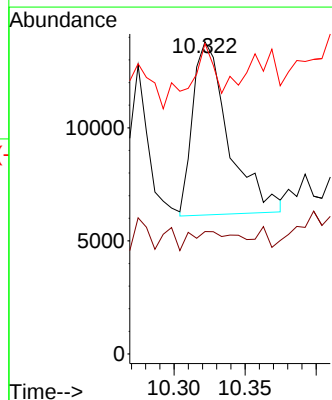
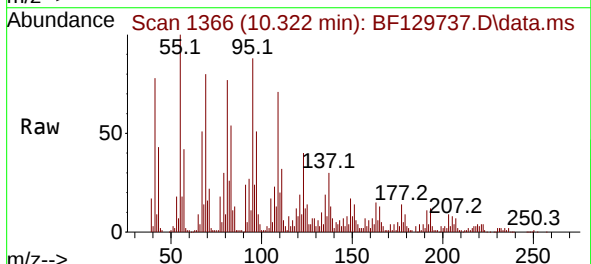
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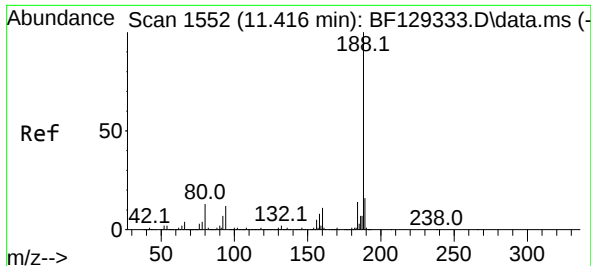
Tgt Ion:152 Resp: 68385
Ion Ratio Lower Upper
152 100
151 24.6 16.2 24.4#
153 14.5 10.7 16.1



#62
4-Nitroaniline
Concen: 3.458 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.141 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:138 Resp: 13487
Ion Ratio Lower Upper
138 100
92 39.2 33.5 73.5
108 99.4 61.0 101.0

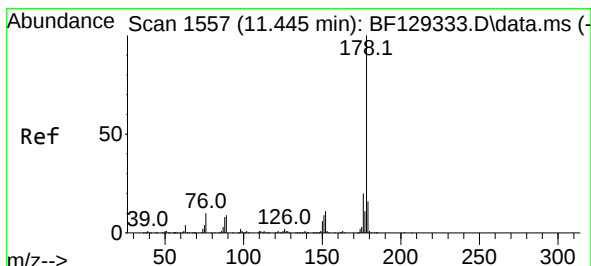
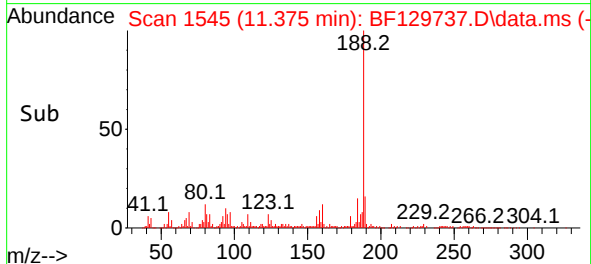
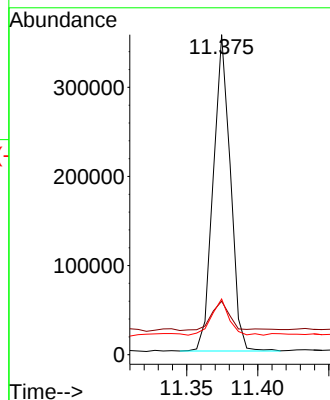
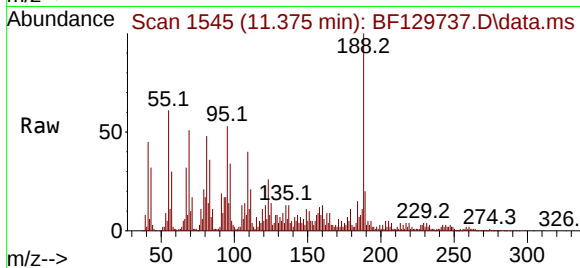




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

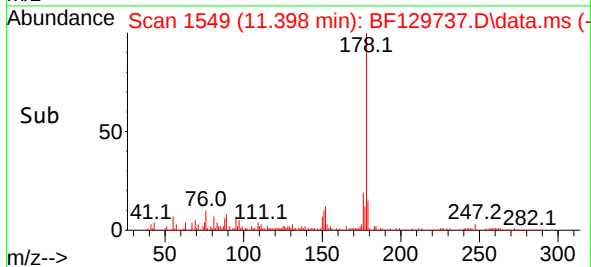
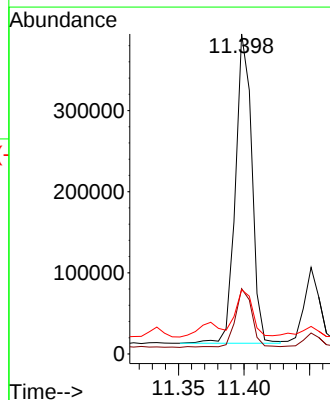
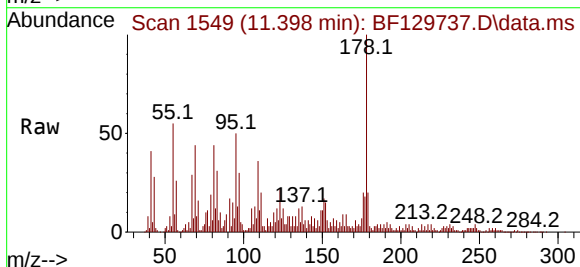
Instrument :
BNA_F
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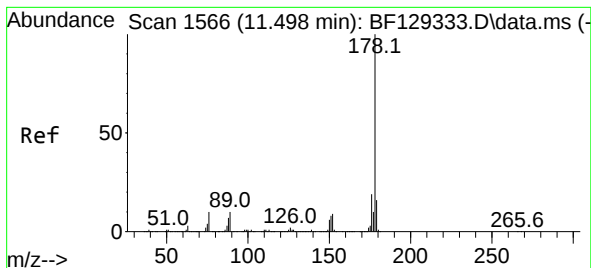
Tgt Ion:188 Resp: 296752
Ion Ratio Lower Upper
188 100
94 16.7 7.0 10.6#
80 17.4 7.6 11.4#



#71
Phenanthrene
Concen: 20.526 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:178 Resp: 332504
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 20.0 12.6 19.0#





#72

Anthracene

Concen: 4.769 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

CHRT-26414

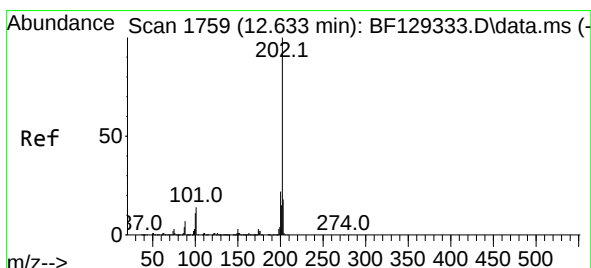
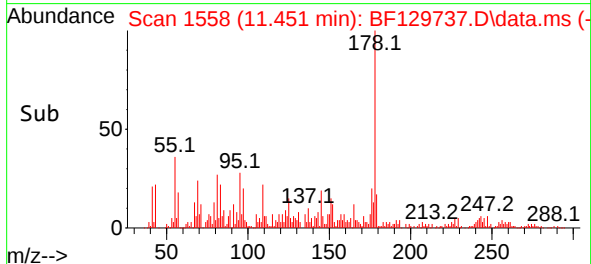
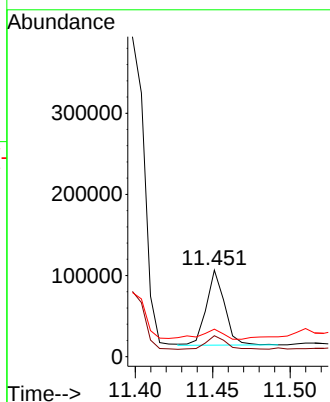
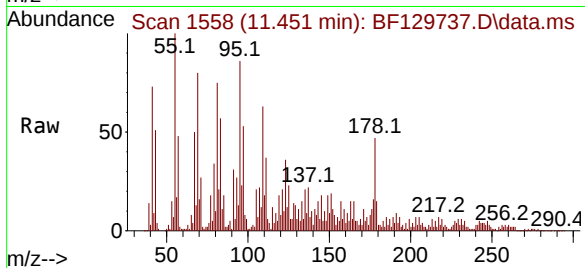
Tgt Ion:178 Resp: 75914

Ion Ratio Lower Upper

178 100

176 24.3 15.4 23.2#

179 31.8 12.6 19.0#



#75

Fluoranthene

Concen: 27.169 ng

RT: 12.604 min Scan# 1754

Delta R.T. 0.018 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

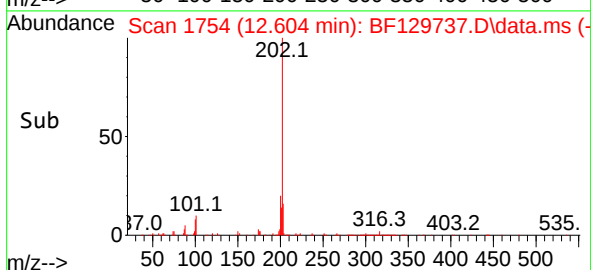
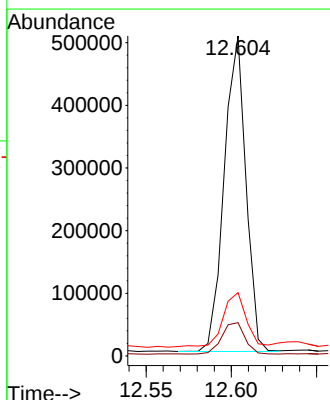
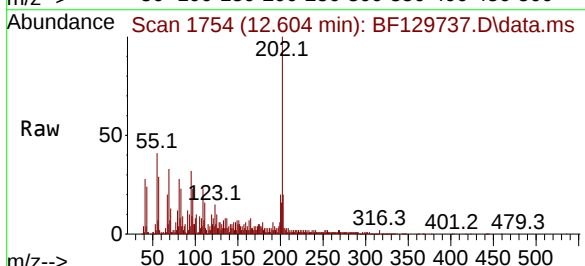
Tgt Ion:202 Resp: 445934

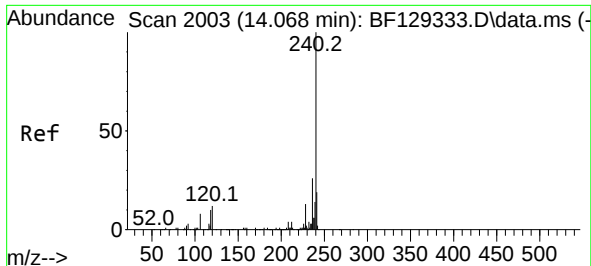
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 19.8 0.0 38.0

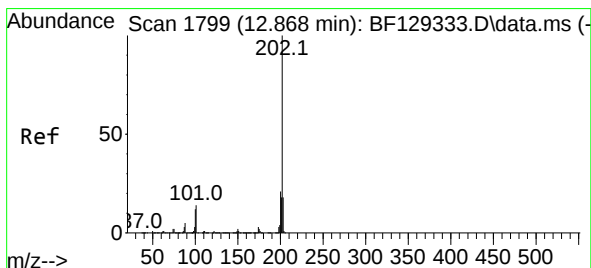
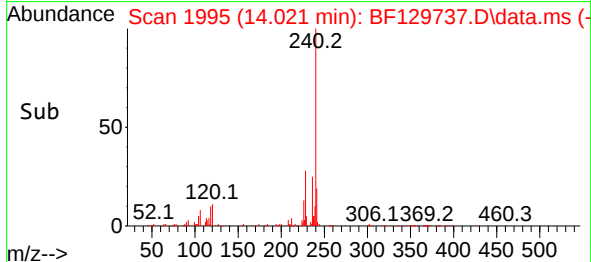
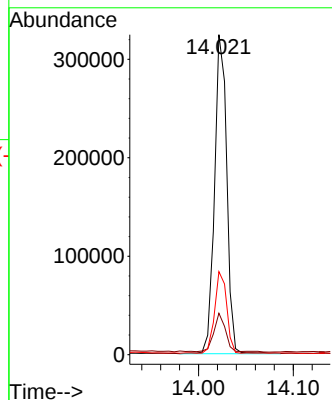
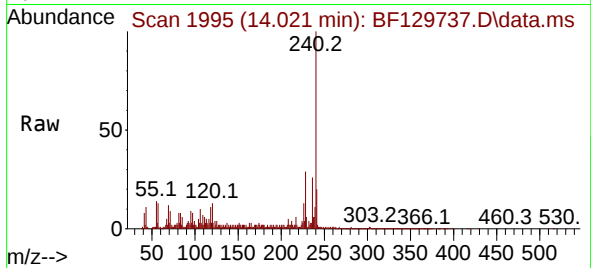




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

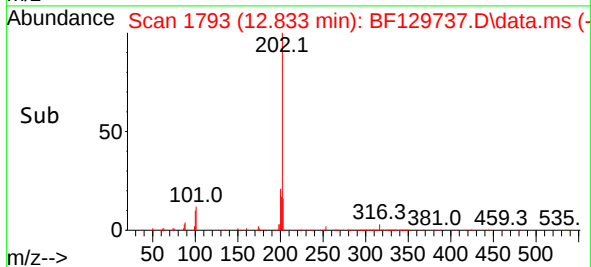
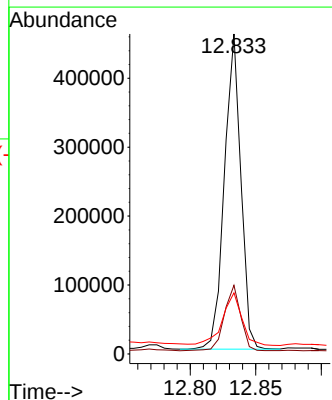
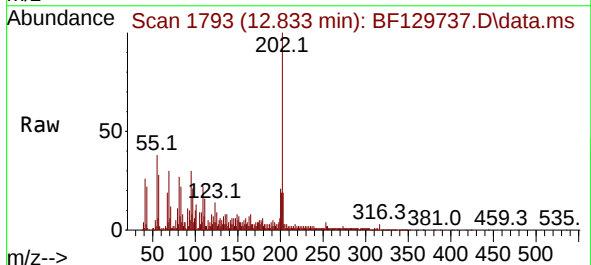
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

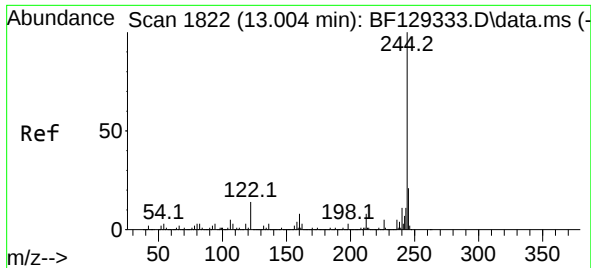
Tgt Ion:240 Resp: 289650
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.9 20.8 31.2



#78
Pyrene
Concen: 16.410 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.018 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:202 Resp: 397467
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 19.1 14.6 21.8

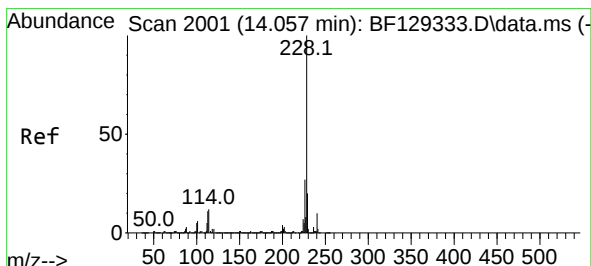
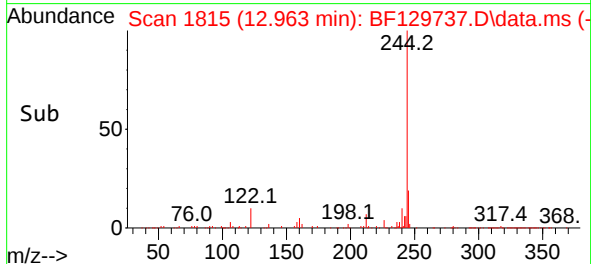
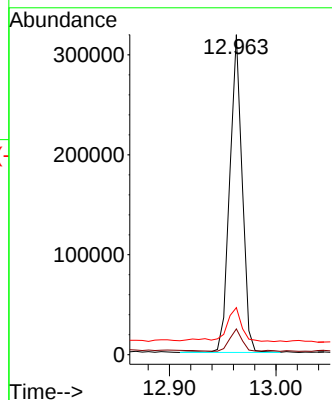
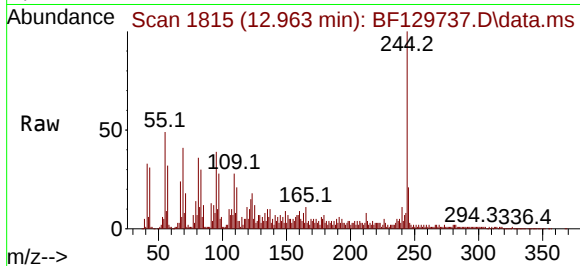




#79
 Terphenyl-d14
 Concen: 16.817 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

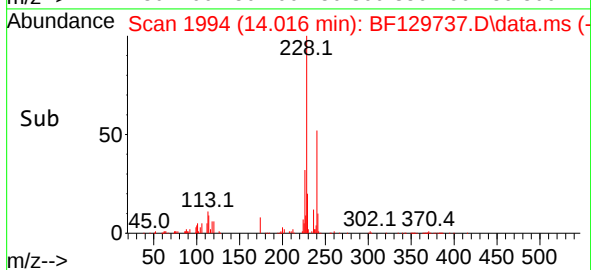
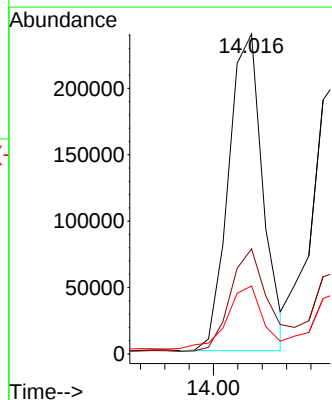
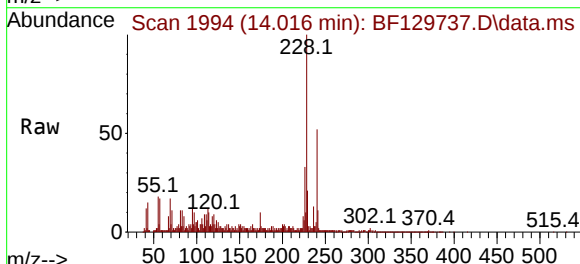
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26414

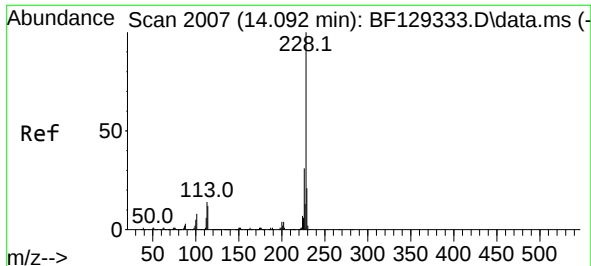
Tgt Ion:244 Resp: 258191
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 14.7 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 11.851 ng
 RT: 14.016 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

Tgt Ion:228 Resp: 234491
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.1 33.1
 229 21.3 15.8 23.8

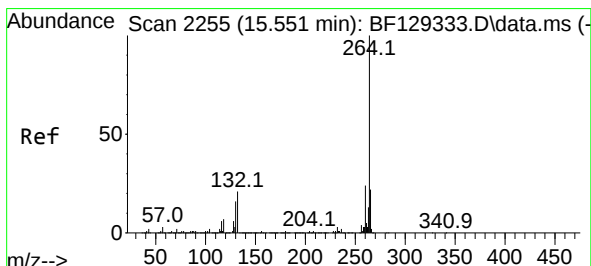
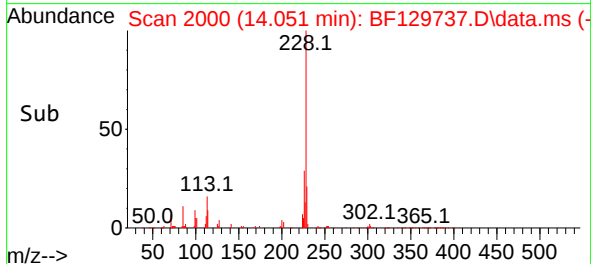
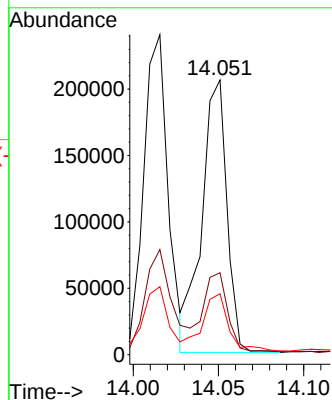
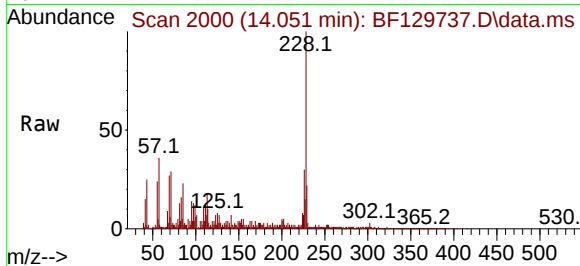




#83
Chrysene
Concen: 11.288 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

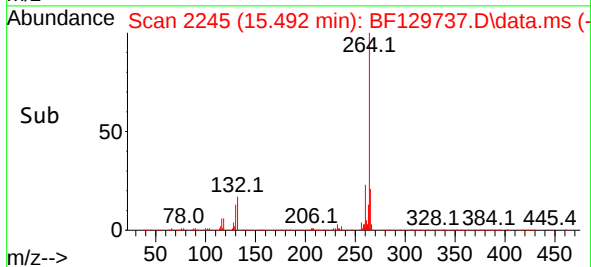
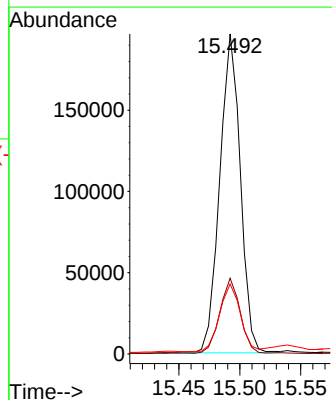
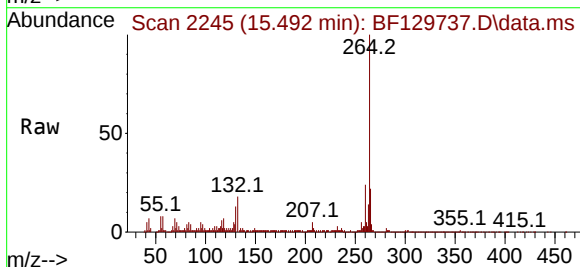
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

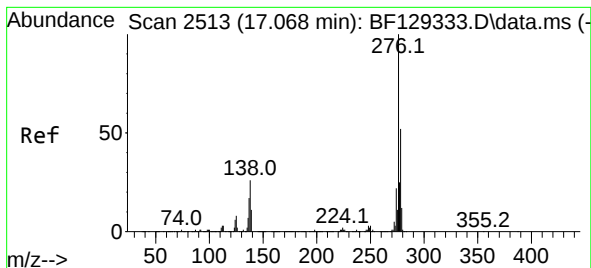
Tgt Ion:228 Resp: 210495
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:264 Resp: 230837
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.046 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.018 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

CHRT-26414

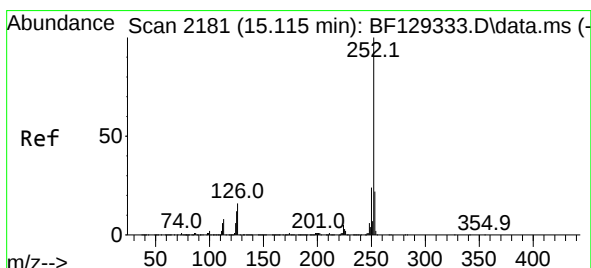
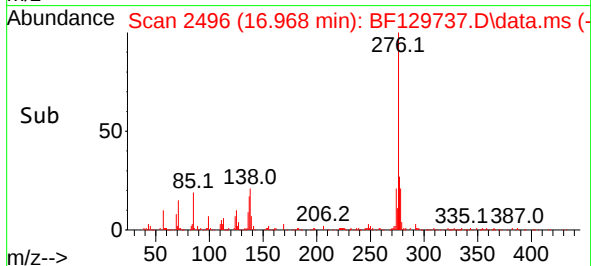
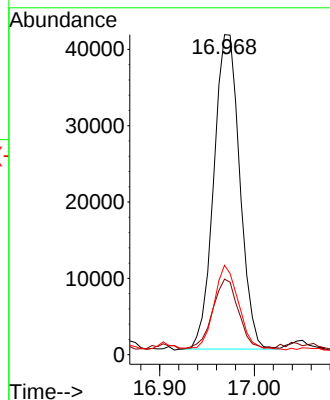
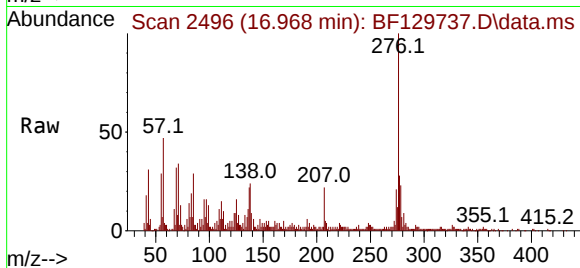
Tgt Ion:276 Resp: 78435

Ion Ratio Lower Upper

276 100

138 22.3 21.1 31.7

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 19.308 ng

RT: 15.063 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

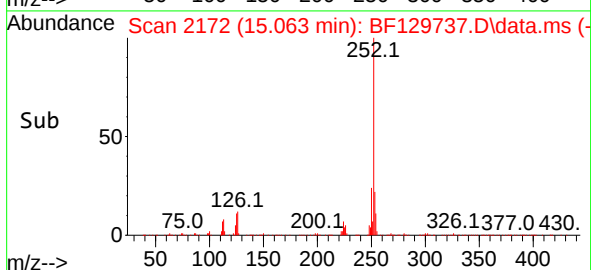
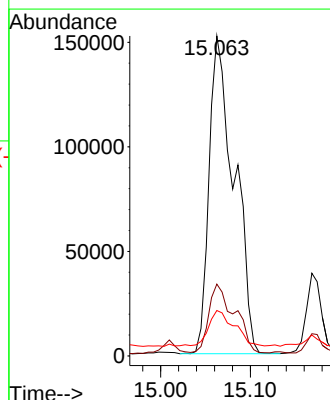
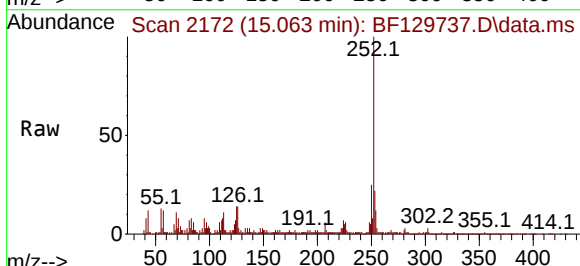
Tgt Ion:252 Resp: 295644

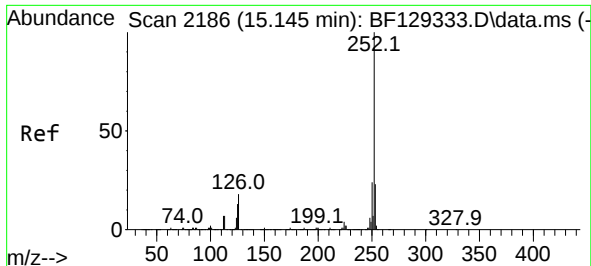
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 14.2 8.0 12.0#

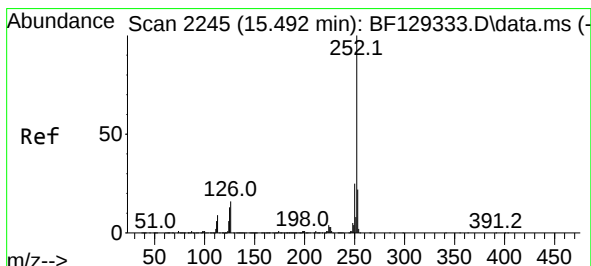
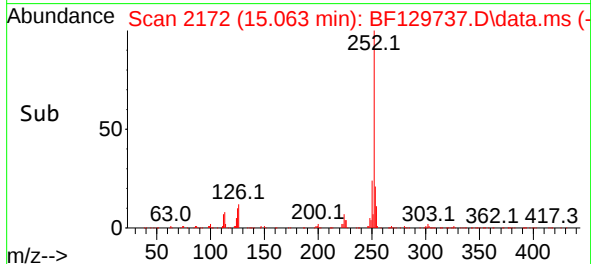
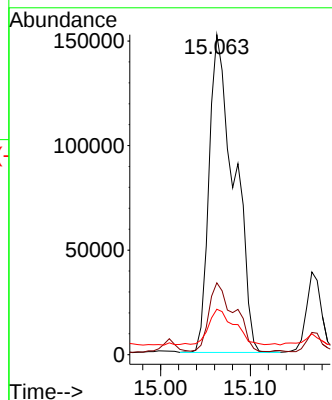
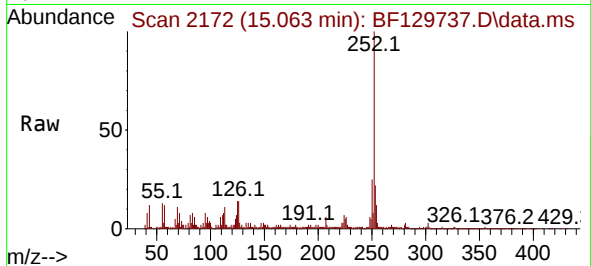




#89
Benzo(k)fluoranthene
Concen: 19.703 ng
RT: 15.063 min Scan# 2186
Delta R.T. -0.029 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

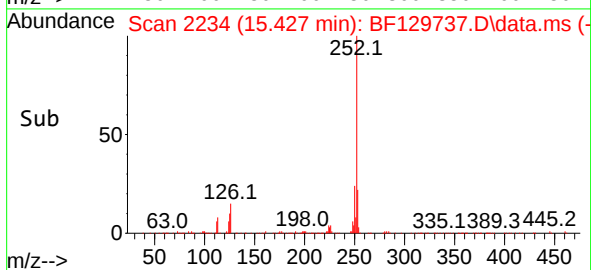
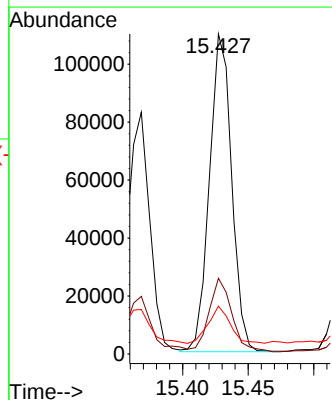
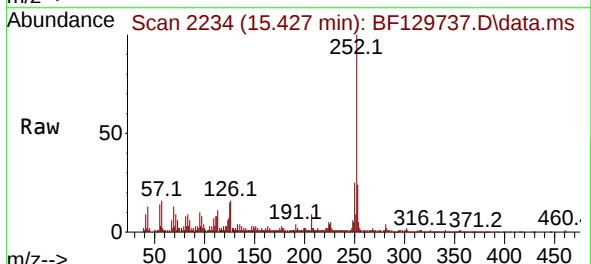
Instrument :
BNA_F
ClientSampleId :
CHRT-26414

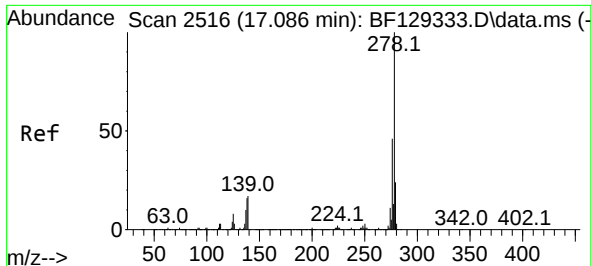
Tgt Ion:252 Resp: 295644
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 14.2 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 10.409 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:252 Resp: 129384
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 14.9 8.8 13.2#

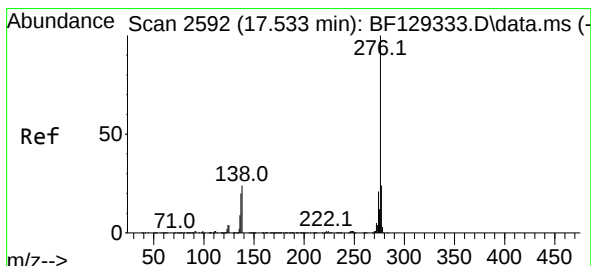
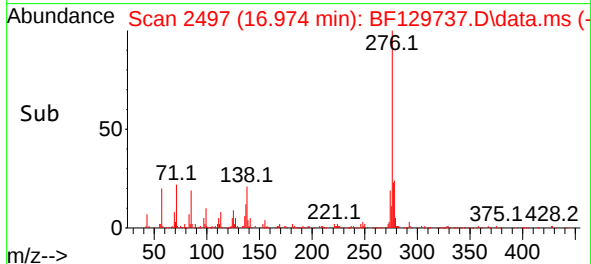
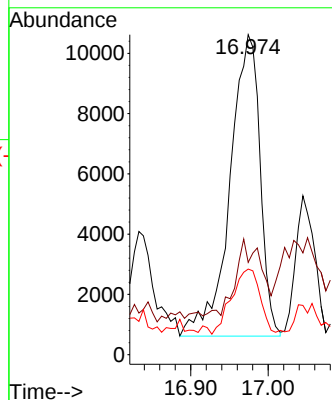
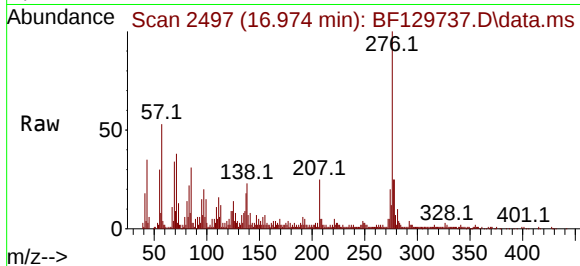




#91
Dibenzo(a,h)anthracene
Concen: 2.139 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.018 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26414

Tgt Ion:278 Resp: 27068
Ion Ratio Lower Upper
278 100
139 28.9 12.8 19.2#
279 26.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 5.093 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:276 Resp: 65850
Ion Ratio Lower Upper
276 100
277 22.3 19.1 28.7
138 20.6 18.0 27.0

