

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128516.D
 Acq On : 27 May 2022 18:24
 Operator : CG\JU
 Sample : N2930-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01

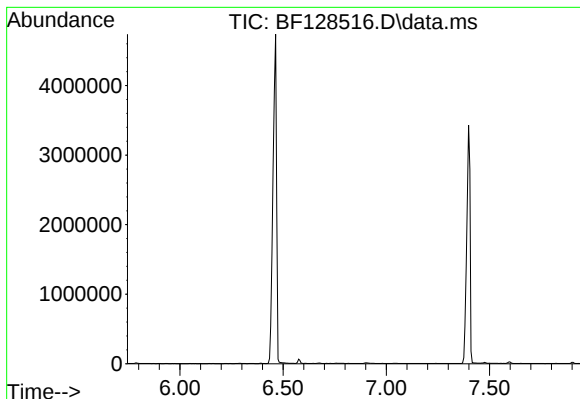
Quant Time: May 27 23:19:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.84
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.13
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.88
64) Phenanthrene-d10	0.000	188	0	0.000	ng	-11.37
76) Chrysene-d12	13.998	240	402	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	1771	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1465466	0.000	ng	0.01
7) Phenol-d6	6.463	99	1889382	0.000	ng	0.00
23) Nitrobenzene-d5	7.398	82	1266972	0.000	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	524566	0.000	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2217339	0.000	ng	0.00
79) Terphenyl-d14	12.957	244	2268019	108998.025	ng	0.00
Target Compounds						
						Qvalue
77) Benzidine	12.957	184	30684	3309.187	ng	# 93
78) Pyrene	12.798	202	1299	42.893	ng	# 56
80) Butylbenzylphthalate	13.433	149	502	39.299	ng	# 51
81) Benzo(a)anthracene	13.986	228	1565	65.498	ng	# 92
82) 3,3'-Dichlorobenzidine	14.033	252	96	15.691	ng	# 67
83) Chrysene	14.027	228	1542	63.016	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.992	149	6649	430.355	ng	# 89
85) Di-n-octyl phthalate	14.604	149	3675	135.129	ng	# 73
87) Indeno(1,2,3-cd)pyrene	16.904	276	1380	13.211	ng	# 46
88) Benzo(b)fluoranthene	15.033	252	5856	53.155	ng	# 92
89) Benzo(k)fluoranthene	15.062	252	5016	49.141	ng	# 86
90) Benzo(a)pyrene	15.398	252	4378	49.531	ng	# 72
91) Dibenzo(a,h)anthracene	16.927	278	1004	11.593	ng	# 56
92) Benzo(g,h,i)perylene	17.339	276	2079	24.201	ng	# 85

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

Quant Time: May 27 23:19:04 2022
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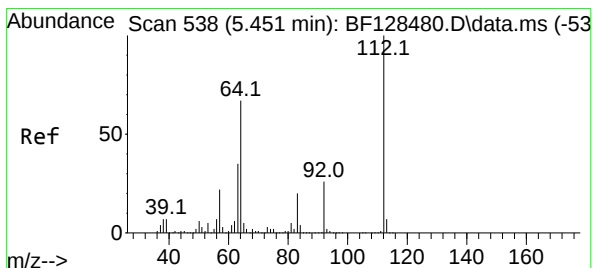
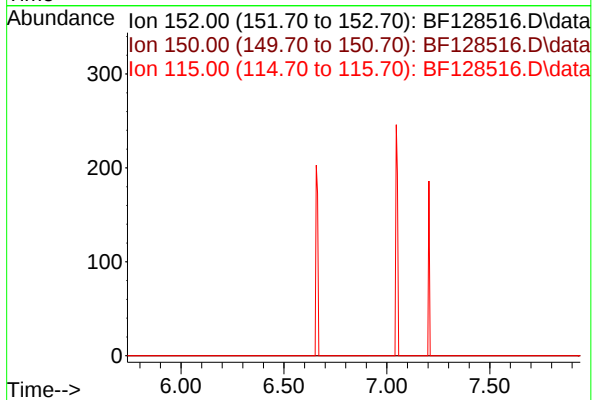




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.84 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

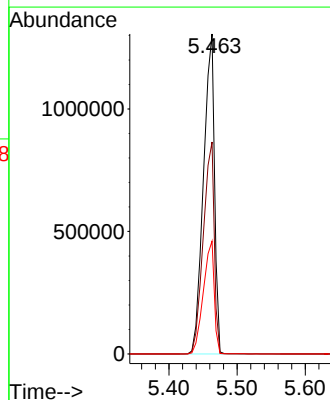
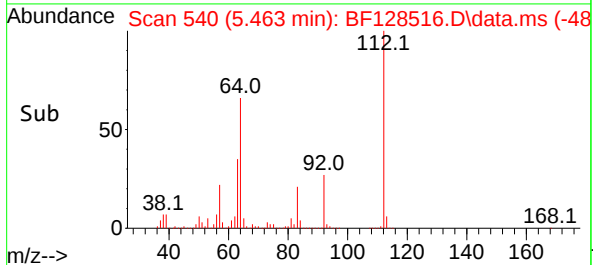
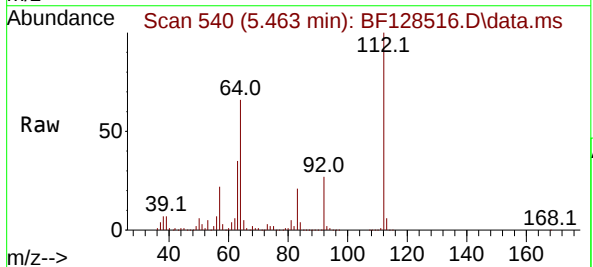
Instrument :
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 P005-SS003-2430-01

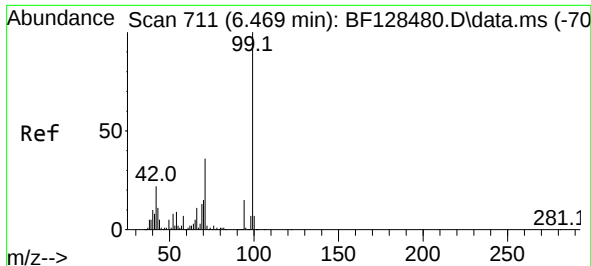
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 154.6
 115 62.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.012 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

Tgt Ion: 112 Resp: 1465466
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.3 79.9
 63 35.3 28.0 42.0

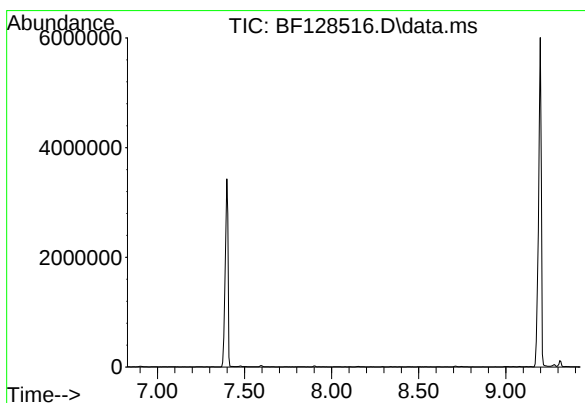
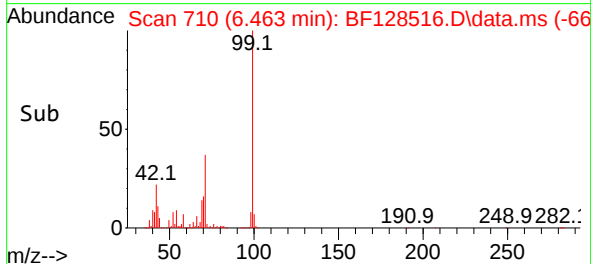
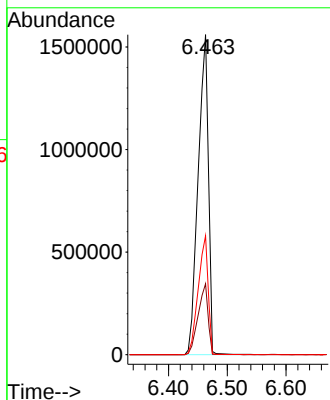
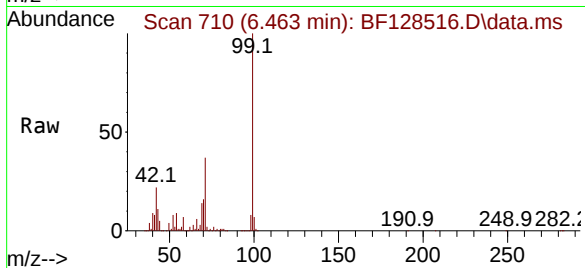




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

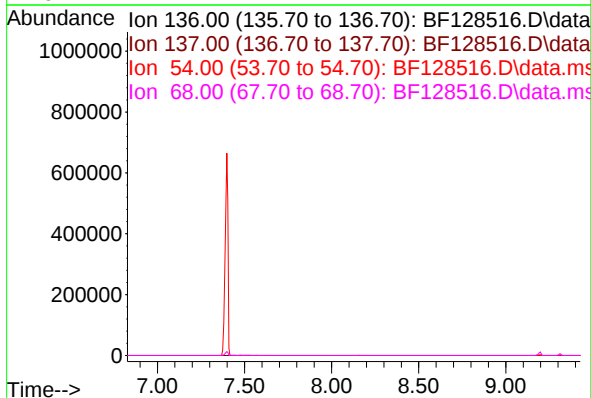
Tgt Ion: 99 Resp: 1889382
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 37.2 28.9 43.3

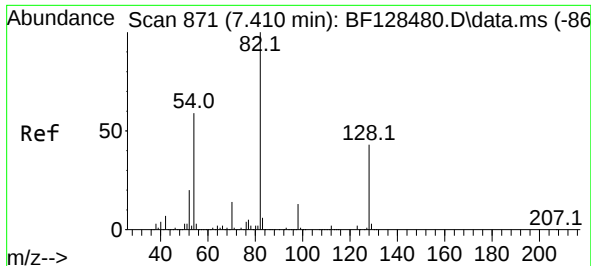


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min

Lab File: BF128516.D
Acq: 27 May 2022 18:24

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 9.4
68 5.9





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128516.D

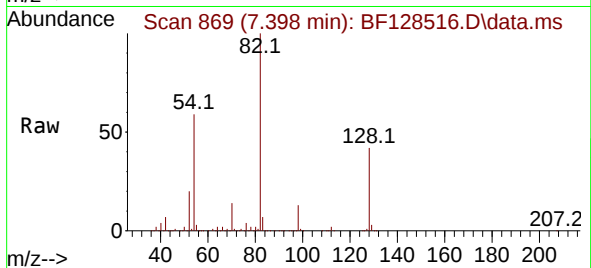
Acq: 27 May 2022 18:24

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01



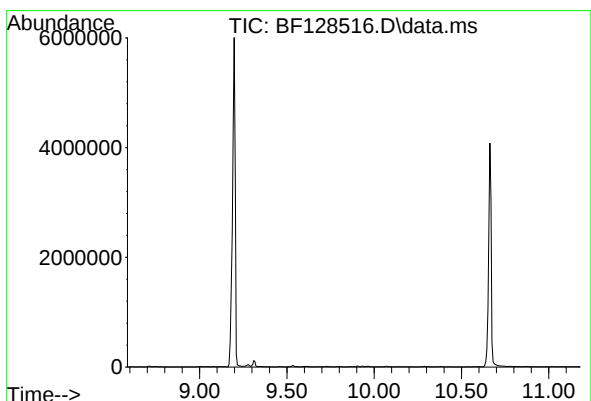
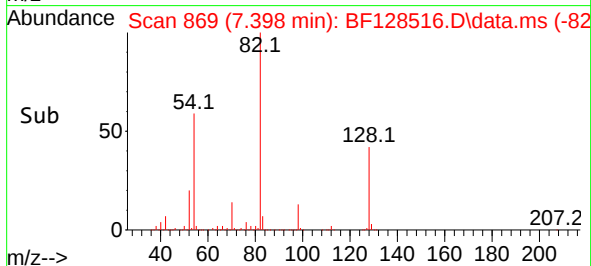
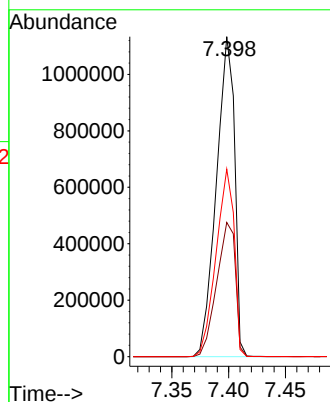
Tgt Ion: 82 Resp: 1266972

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

54 58.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 9.88 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

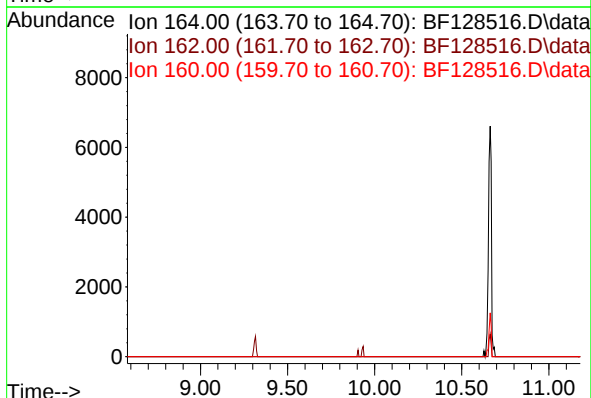
Tgt Ion: 164

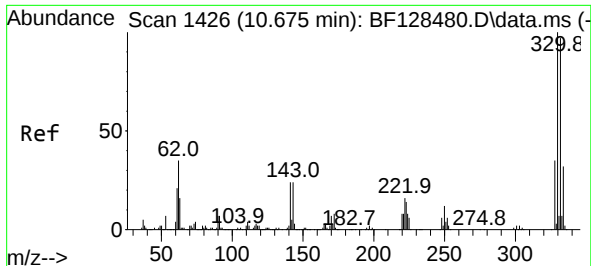
Sig Exp Ratio

164 100

162 99.4

160 42.8

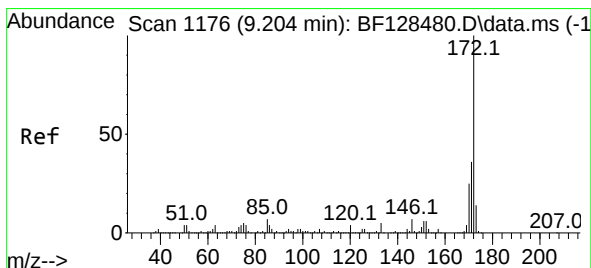
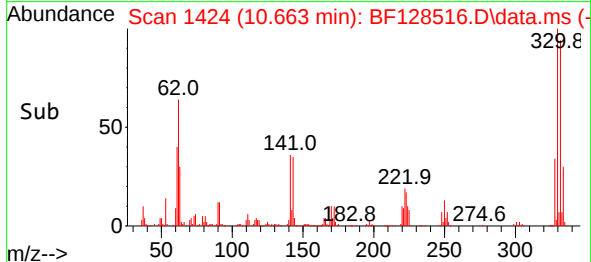
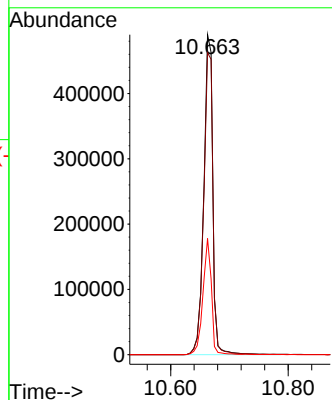
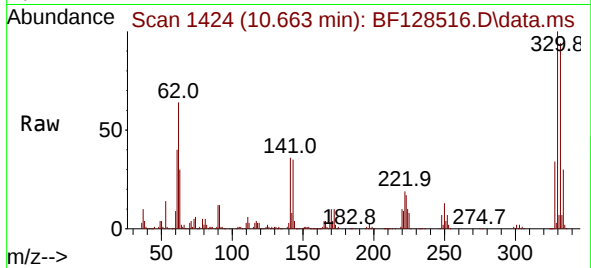




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

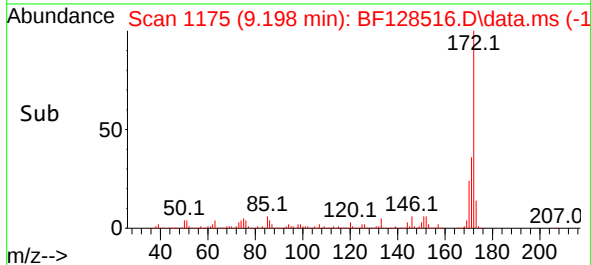
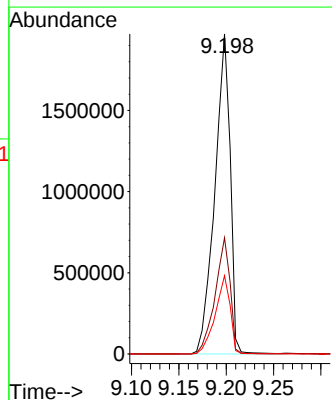
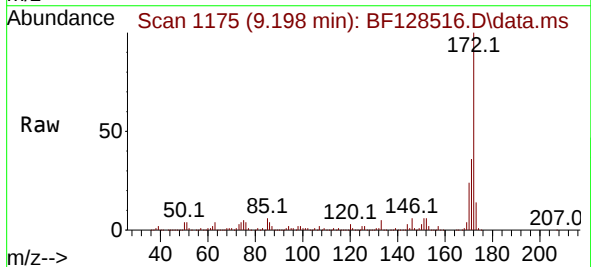
Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01

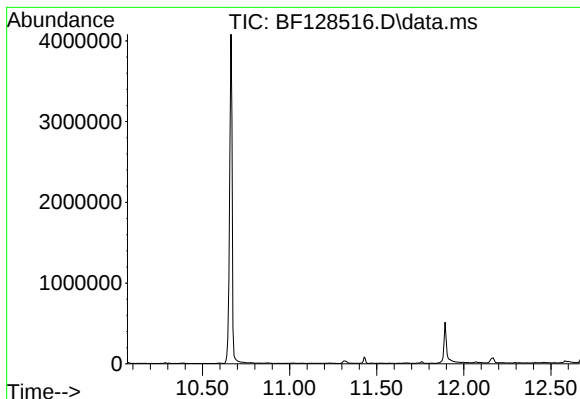
Tgt Ion:330 Resp: 524566
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 34.0 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

Tgt Ion:172 Resp: 2217339
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.4 19.8 29.8

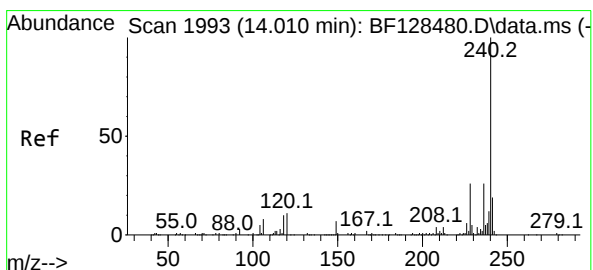
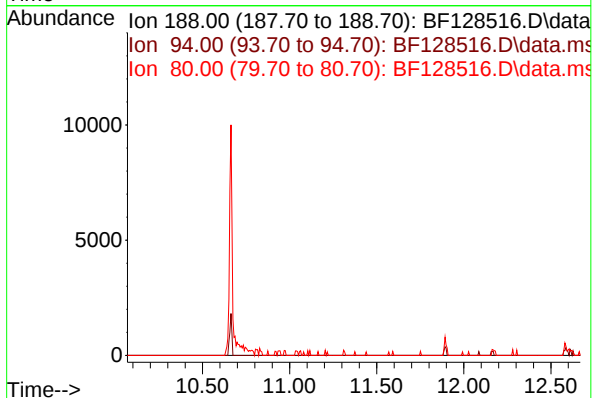




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.37 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

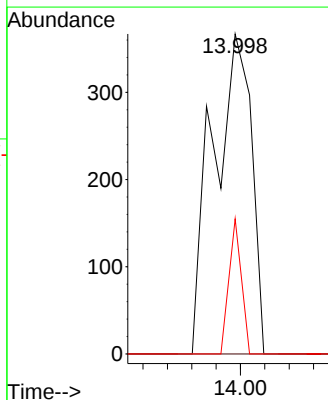
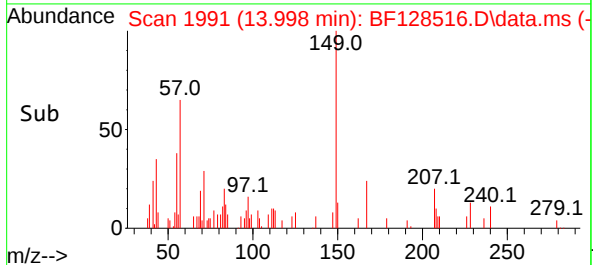
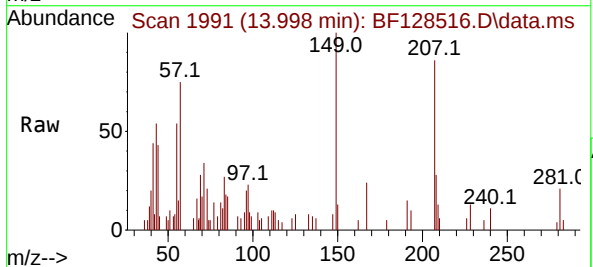
Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01

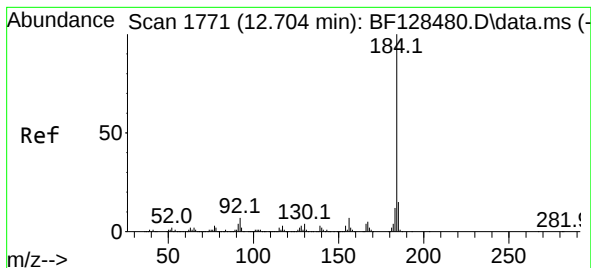
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 8.8
 80 9.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. -0.012 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

Tgt Ion: 240 Resp: 402
 Ion Ratio Lower Upper
 240 100
 120 0.0 8.9 13.3#
 236 42.2 20.8 31.2#





#77

Benzidine

Concen: 3309.187 ng

RT: 12.957 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

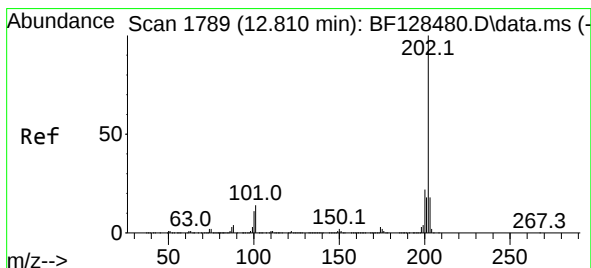
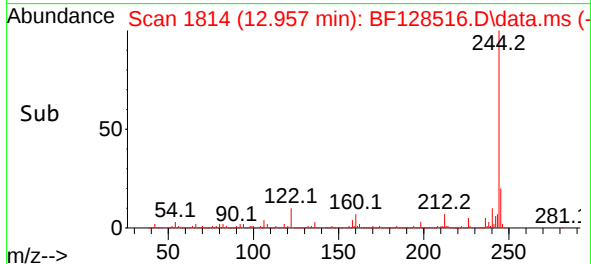
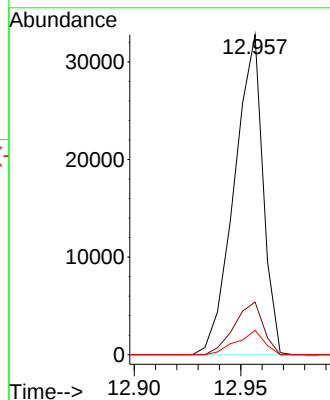
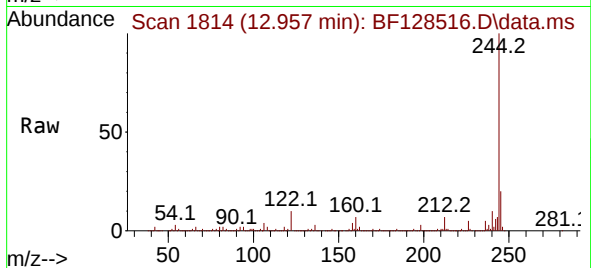
Tgt Ion:184 Resp: 30684

Ion Ratio Lower Upper

184 100

185 16.4 11.9 17.9

183 7.6 9.3 13.9#



#78

Pyrene

Concen: 42.893 ng

RT: 12.798 min Scan# 1787

Delta R.T. -0.012 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

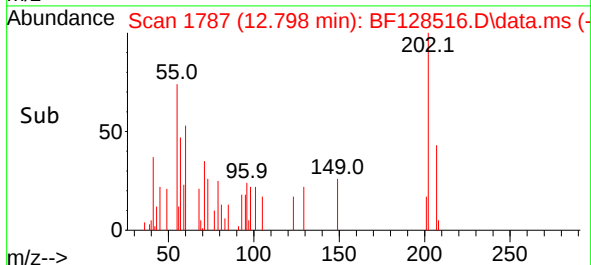
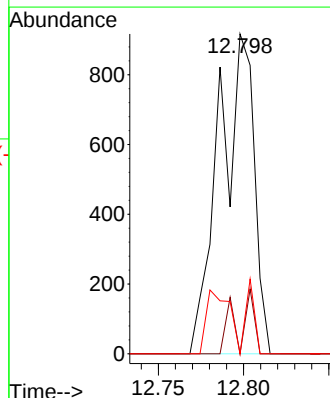
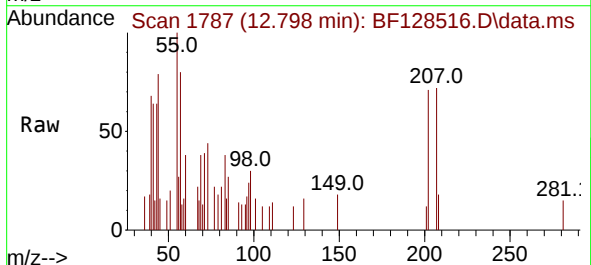
Tgt Ion:202 Resp: 1299

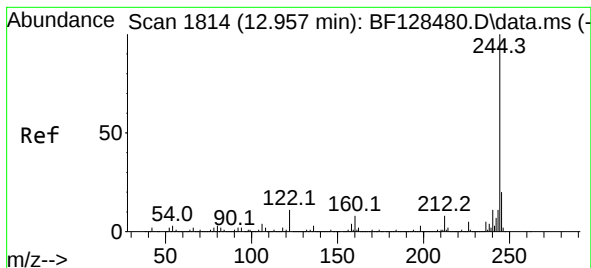
Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

203 0.0 14.6 21.8#





#79

Terphenyl-d14

Concen: 108998.025 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

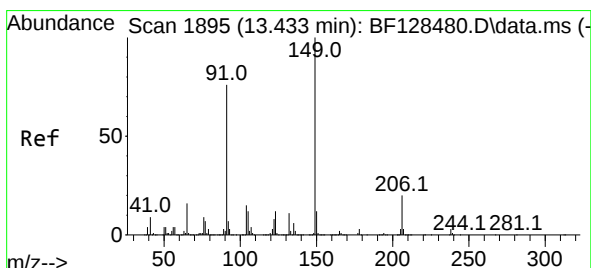
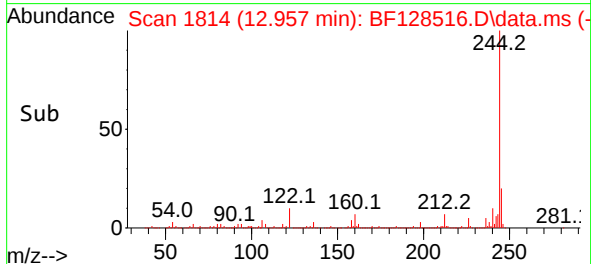
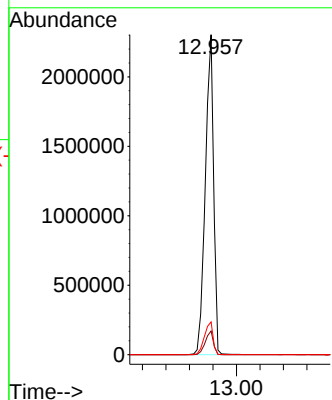
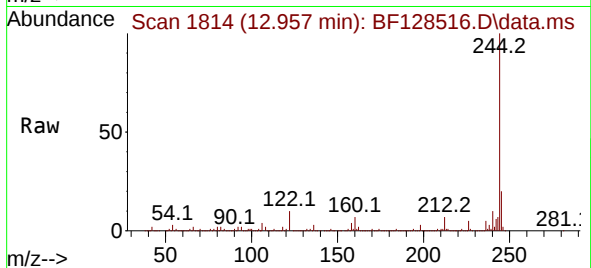
Tgt Ion:244 Resp: 2268019

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 10.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 39.299 ng

RT: 13.433 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

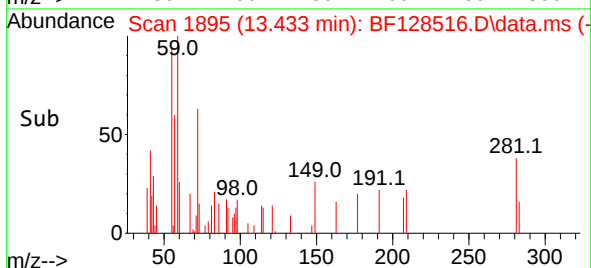
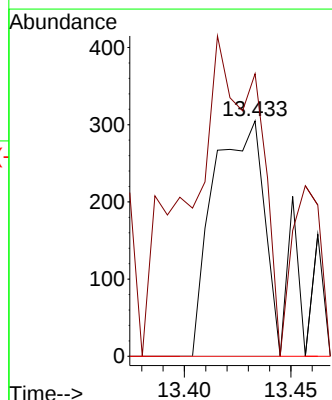
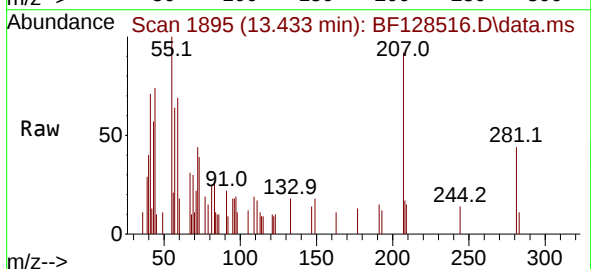
Tgt Ion:149 Resp: 502

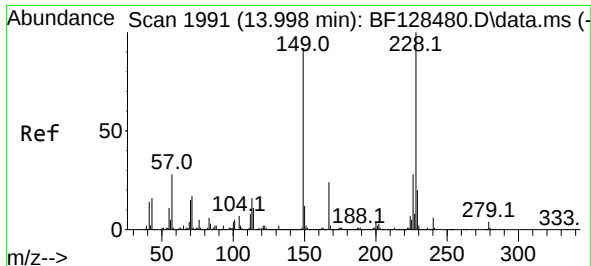
Ion Ratio Lower Upper

149 100

91 120.0 61.2 91.8#

206 0.0 15.7 23.5#

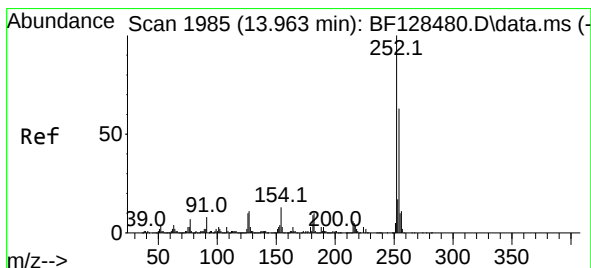
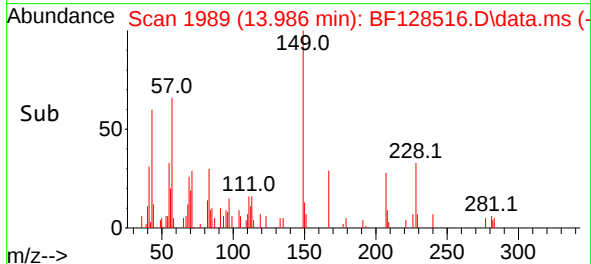
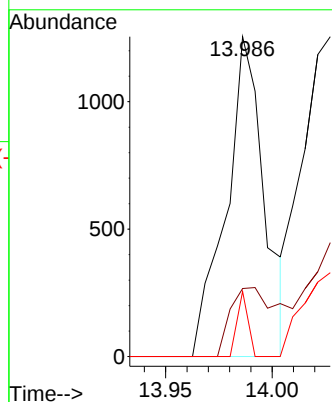
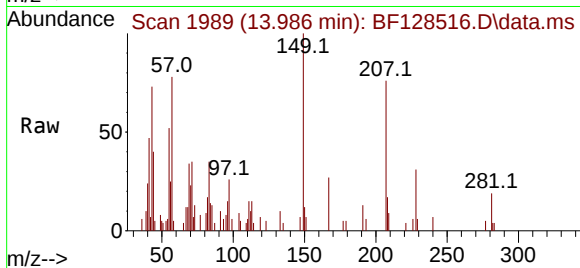




#81
Benzo(a)anthracene
Concen: 65.498 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

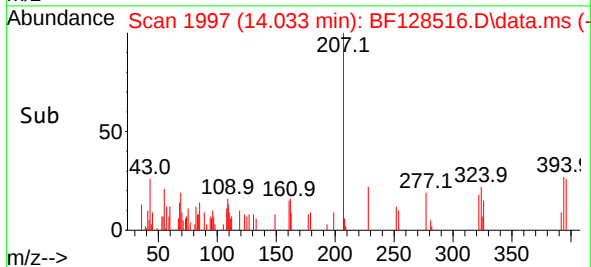
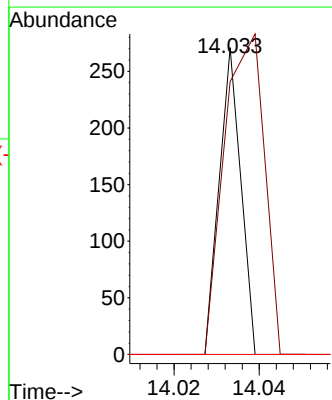
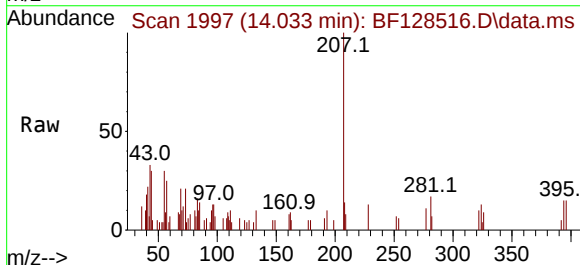
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

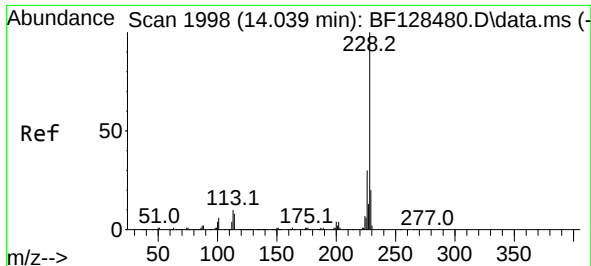
Tgt Ion:228 Resp: 1565
Ion Ratio Lower Upper
228 100
226 21.3 22.1 33.1#
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 15.691 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.071 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

Tgt Ion:252 Resp: 96
Ion Ratio Lower Upper
252 100
254 88.9 50.2 75.4#
126 0.0 8.2 12.4#





#83

Chrysene

Concen: 63.016 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

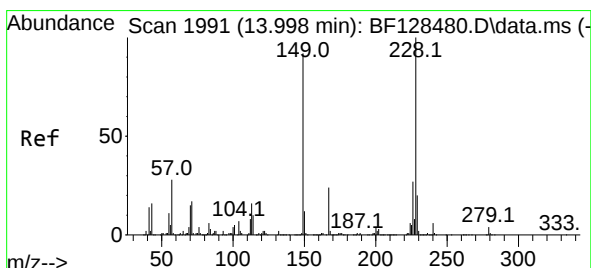
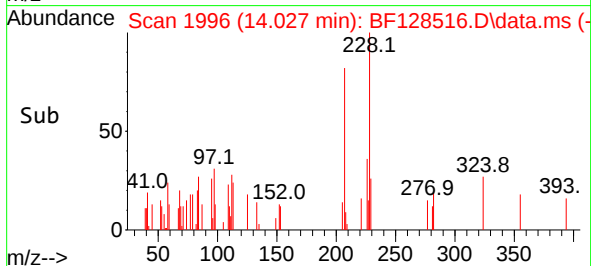
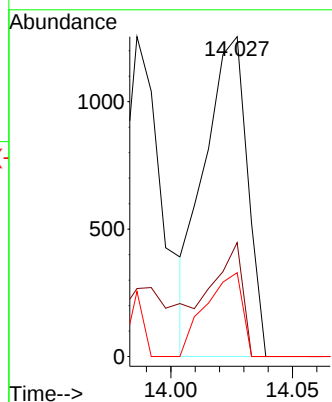
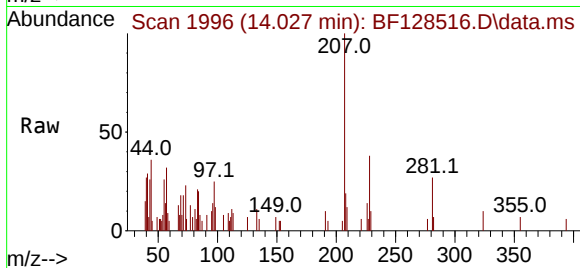
Tgt Ion:228 Resp: 1542

Ion Ratio Lower Upper

228 100

226 35.6 24.3 36.5

229 26.2 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 430.355 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

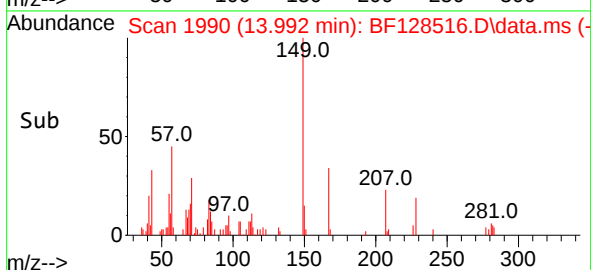
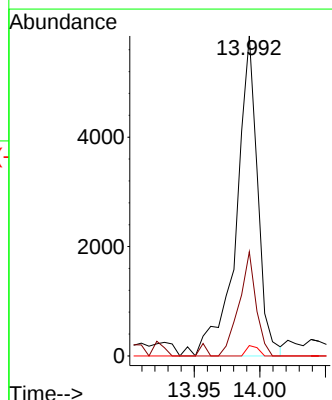
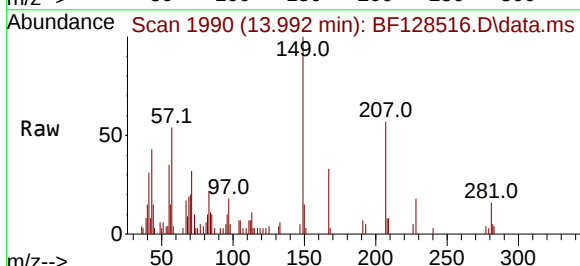
Tgt Ion:149 Resp: 6649

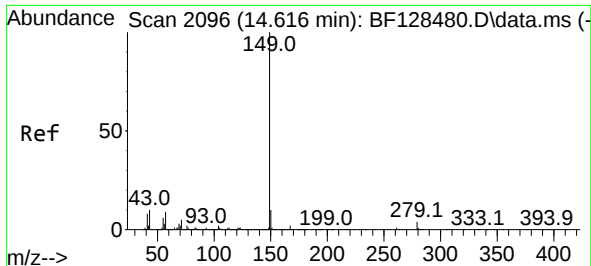
Ion Ratio Lower Upper

149 100

167 32.5 21.0 31.4#

279 3.2 3.1 4.7

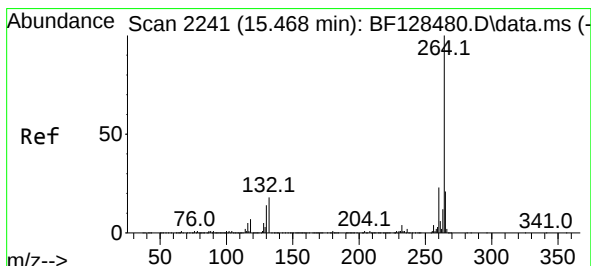
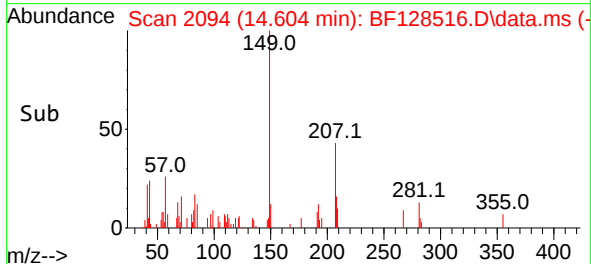
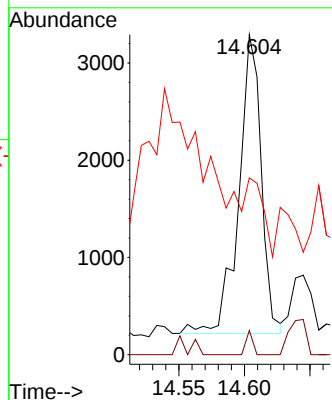
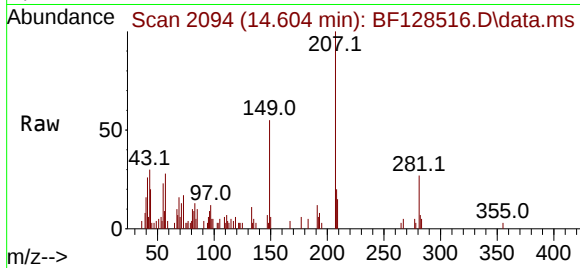




#85
Di-n-octyl phthalate
Concen: 135.129 ng
RT: 14.604 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

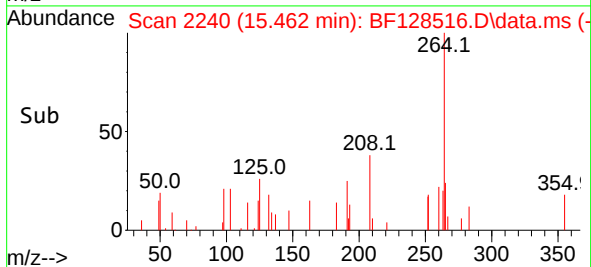
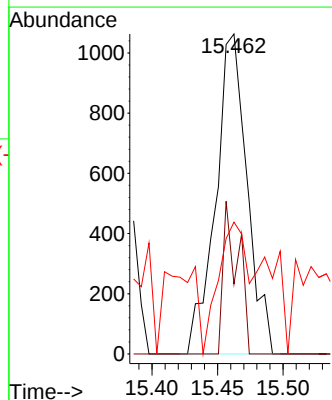
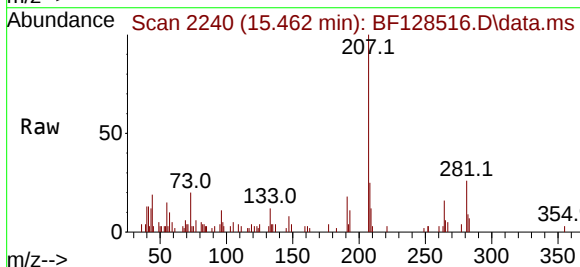
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

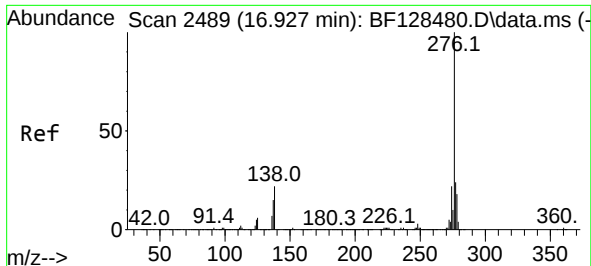
Tgt Ion:149 Resp: 3675
Ion Ratio Lower Upper
149 100
167 2.4 1.3 1.9#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

Tgt Ion:264 Resp: 1771
Ion Ratio Lower Upper
264 100
260 21.8 18.4 27.6
265 41.2 17.2 25.8#

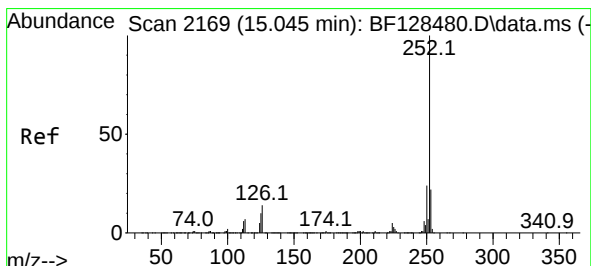
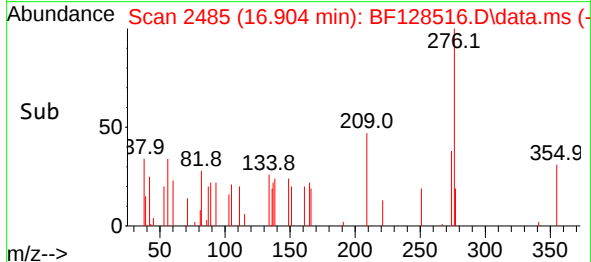
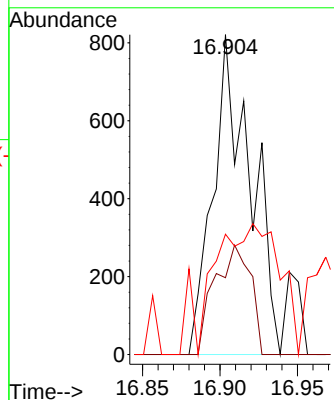
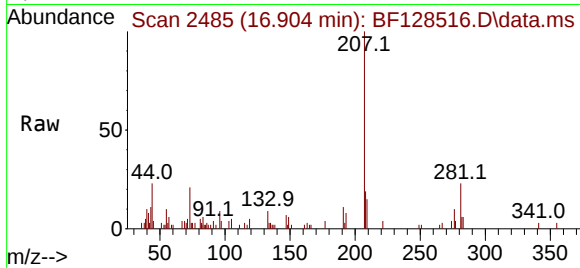




#87
Indeno(1,2,3-cd)pyrene
Concen: 13.211 ng
RT: 16.904 min Scan# 2489
Delta R.T. -0.024 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

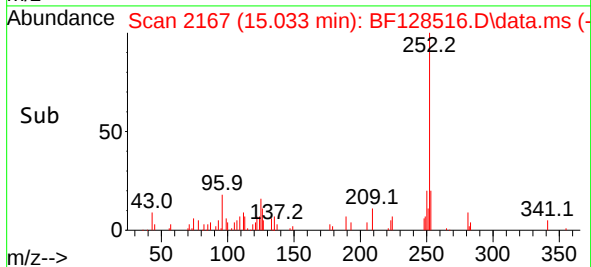
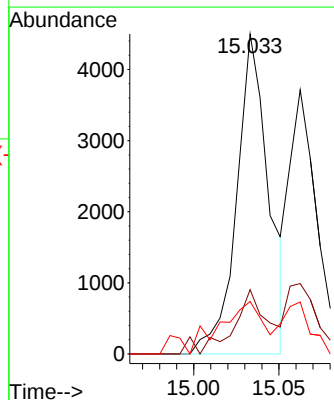
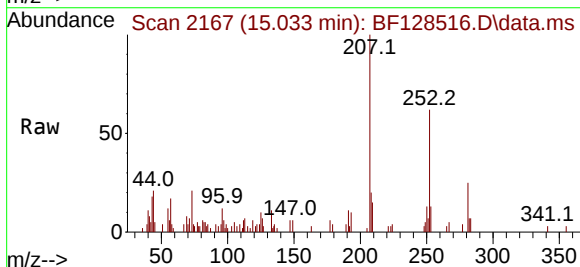
Instrument :
BNA_F
ClientSampleId :
P005-SS003-2430-01

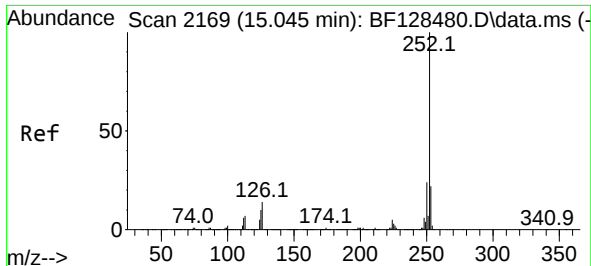
Tgt Ion:276 Resp: 1380
Ion Ratio Lower Upper
276 100
138 32.6 21.1 31.7#
277 74.3 20.3 30.5#



#88
Benzo(b)fluoranthene
Concen: 53.155 ng
RT: 15.033 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BF128516.D
Acq: 27 May 2022 18:24

Tgt Ion:252 Resp: 5856
Ion Ratio Lower Upper
252 100
253 20.1 17.7 26.5
125 16.4 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 49.141 ng

RT: 15.062 min Scan# 2169

Delta R.T. -0.012 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

Instrument :

BNA_F

ClientSampleId :

P005-SS003-2430-01

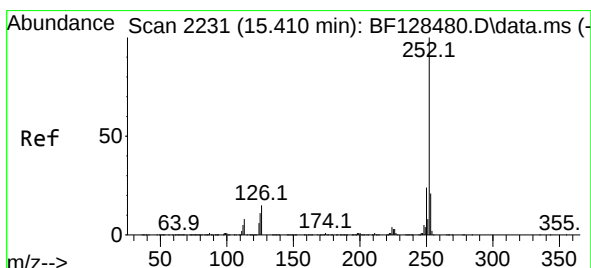
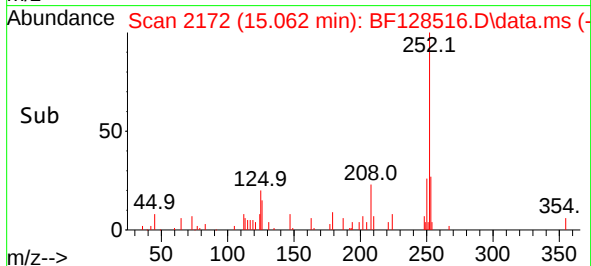
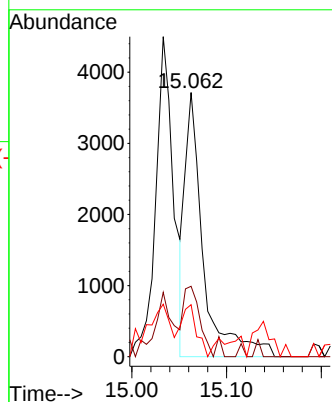
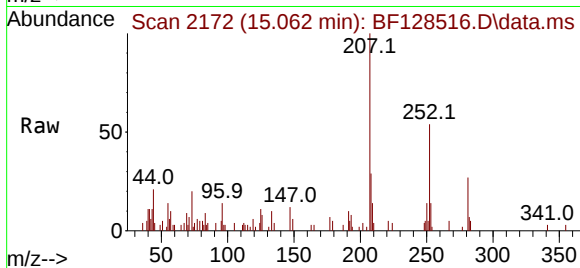
Tgt Ion:252 Resp: 5016

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.6#

125 19.7 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 49.531 ng

RT: 15.398 min Scan# 2229

Delta R.T. -0.012 min

Lab File: BF128516.D

Acq: 27 May 2022 18:24

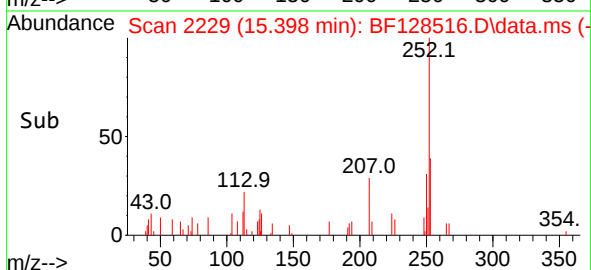
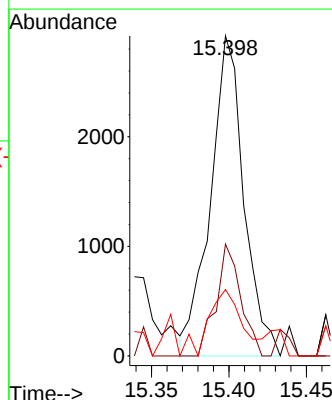
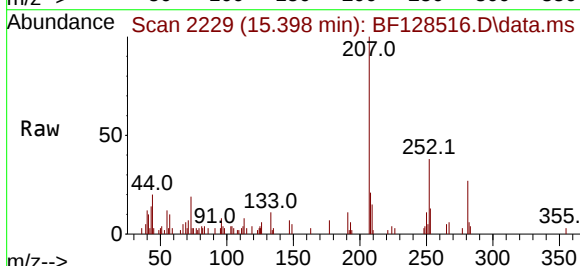
Tgt Ion:252 Resp: 4378

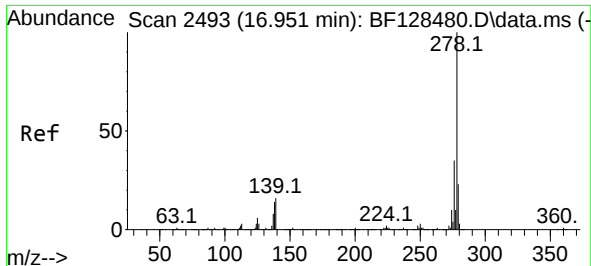
Ion Ratio Lower Upper

252 100

253 35.0 17.0 25.6#

125 20.7 8.8 13.2#

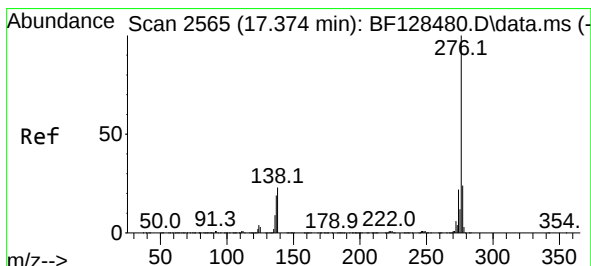
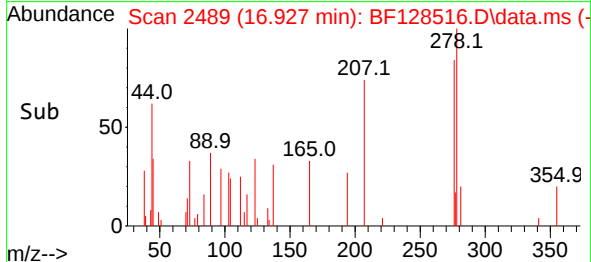
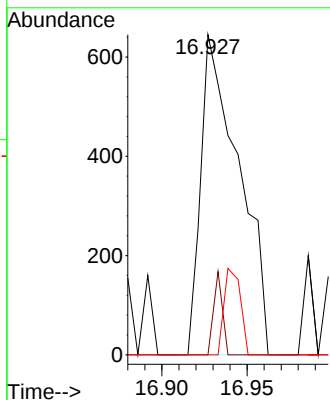
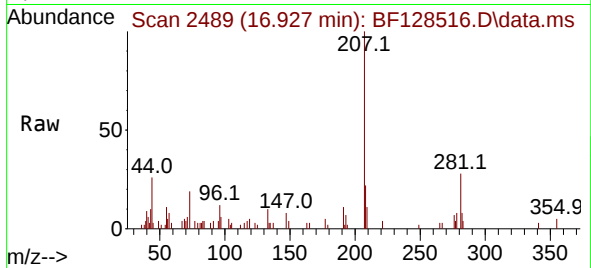




#91
 Dibenzo(a,h)anthracene
 Concen: 11.593 ng
 RT: 16.927 min Scan# 2493
 Delta R.T. -0.024 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-2430-01

Tgt Ion:	278	Resp:	1004
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.8	19.2#
279	0.0	18.6	28.0#



#92
 Benzo(g,h,i)perylene
 Concen: 24.201 ng
 RT: 17.339 min Scan# 2559
 Delta R.T. -0.035 min
 Lab File: BF128516.D
 Acq: 27 May 2022 18:24

Tgt Ion:	276	Resp:	2079
Ion Ratio	Lower	Upper	
276	100		
277	35.1	19.1	28.7#
138	25.9	18.0	27.0

